

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076155.D
 Acq On : 19 May 2023 14:13
 Operator : KP/SY
 Sample : VD0519SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02

Quant Time: May 22 01:28:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	186761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	337171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	314987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	157342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94668	52.448	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.900%			
35) Dibromofluoromethane	7.804	113	108350	46.490	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.980%			
50) Toluene-d8	10.269	98	424198	46.691	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.380%			
62) 4-Bromofluorobenzene	12.575	95	115760	45.868	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	38815	23.044	ug/l	91
3) Chloromethane	2.146	50	73856	24.428	ug/l	99
4) Vinyl Chloride	2.281	62	91200	25.106	ug/l	97
5) Bromomethane	2.675	94	58293	23.835	ug/l	98
6) Chloroethane	2.828	64	60758	24.861	ug/l	94
7) Trichlorofluoromethane	3.163	101	70040	22.748	ug/l	95
8) Diethyl Ether	3.587	74	21953	21.681	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.963	101	47353	23.348	ug/l	90
10) Methyl Iodide	4.157	142	45994	21.811	ug/l	91
11) Tert butyl alcohol	5.051	59	11664	122.160	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	44039	21.818	ug/l	95
13) Acrolein	3.793	56	21953	93.944	ug/l	97
14) Allyl chloride	4.557	41	45588	22.254	ug/l #	81
15) Acrylonitrile	5.257	53	47179	112.533	ug/l	97
16) Acetone	4.016	43	44582	124.140	ug/l	91
17) Carbon Disulfide	4.263	76	130704	22.381	ug/l	98
18) Methyl Acetate	4.569	43	28562	22.295	ug/l #	80
19) Methyl tert-butyl Ether	5.310	73	85166	21.557	ug/l	99
20) Methylene Chloride	4.799	84	69443	18.417	ug/l #	78
21) trans-1,2-Dichloroethene	5.304	96	51034	21.937	ug/l #	79
22) Diisopropyl ether	6.216	45	109221	22.970	ug/l #	91
23) Vinyl Acetate	6.157	43	196832m	105.279	ug/l	
24) 1,1-Dichloroethane	6.116	63	85867	22.898	ug/l	98
25) 2-Butanone	7.075	43	54794	121.345	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	72135	23.591	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	56541	21.902	ug/l	86
28) Bromochloromethane	7.422	49	28081	22.458	ug/l #	68
29) Tetrahydrofuran	7.440	42	29886	113.552	ug/l #	69
30) Chloroform	7.593	83	91842	22.902	ug/l	95
31) Cyclohexane	7.875	56	62408	22.576	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	72638	22.729	ug/l	98
36) 1,1-Dichloropropene	8.004	75	62875	19.976	ug/l	94
37) Ethyl Acetate	7.169	43	22048	20.229	ug/l #	85
38) Carbon Tetrachloride	7.987	117	54894	19.308	ug/l	94
39) Methylcyclohexane	9.275	83	70077	19.338	ug/l	96
40) Benzene	8.251	78	204148	20.174	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.387	41	11398	19.072	ug/l #	72
42) 1,2-Dichloroethane	8.322	62	49939	20.864	ug/l	95
43) Isopropyl Acetate	8.357	43	40436	19.860	ug/l #	82
44) Trichloroethene	9.028	130	53299	18.689	ug/l	94
45) 1,2-Dichloropropane	9.304	63	49379	19.783	ug/l	93
46) Dibromomethane	9.392	93	28280	20.213	ug/l	98
47) Bromodichloromethane	9.581	83	67644	20.117	ug/l	92
48) Methyl methacrylate	9.381	41	18029	20.007	ug/l #	64
49) 1,4-Dioxane	9.381	88	5439	363.530	ug/l #	90
51) 4-Methyl-2-Pentanone	10.163	43	107938	99.678	ug/l #	80
52) Toluene	10.334	92	129967	20.563	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	59838	19.744	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	74292	20.087	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	40913	20.391	ug/l	94
56) Ethyl methacrylate	10.598	69	37747	18.717	ug/l #	71
57) 1,3-Dichloropropane	10.881	76	62078	19.721	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	93114	96.230	ug/l	92
59) 2-Hexanone	10.922	43	78550	102.859	ug/l	78
60) Dibromochloromethane	11.075	129	44553	19.749	ug/l	97
61) 1,2-Dibromoethane	11.181	107	36759	20.596	ug/l	99
64) Tetrachloroethene	10.810	164	42222	17.432	ug/l	95
65) Chlorobenzene	11.610	112	137291	19.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.686	131	46798	18.964	ug/l	95
67) Ethyl Benzene	11.686	91	216637	18.906	ug/l	95
68) m/p-Xylenes	11.792	106	184821	39.465	ug/l	91
69) o-Xylene	12.122	106	80622	18.867	ug/l	93
70) Styrene	12.139	104	146454	19.768	ug/l	94
71) Bromoform	12.298	173	25014	18.020	ug/l #	95
73) Isopropylbenzene	12.422	105	206590	19.848	ug/l	99
74) N-amyl acetate	12.233	43	35549	19.175	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	46296	20.695	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	25140m	18.259	ug/l	
77) Bromobenzene	12.704	156	53768	19.273	ug/l	93
78) n-propylbenzene	12.763	91	265349	20.482	ug/l	100
79) 2-Chlorotoluene	12.851	91	143172	19.968	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	174802	20.259	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	12981	19.778	ug/l #	74
82) 4-Chlorotoluene	12.945	91	157469	20.647	ug/l	95
83) tert-Butylbenzene	13.169	119	142099	19.487	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	172765	20.105	ug/l	94
85) sec-Butylbenzene	13.345	105	229321	20.179	ug/l	100
86) p-Isopropyltoluene	13.463	119	186648	20.072	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	108309	19.202	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	109568	19.618	ug/l	98
89) n-Butylbenzene	13.786	91	173504	19.799	ug/l	99
90) Hexachloroethane	14.051	117	37782	19.753	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	97247	19.646	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5734	19.741	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	49909	17.334	ug/l	99
94) Hexachlorobutadiene	15.204	225	23474	15.990	ug/l	98
95) Naphthalene	15.333	128	97064	18.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	43299	16.535	ug/l	97

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Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

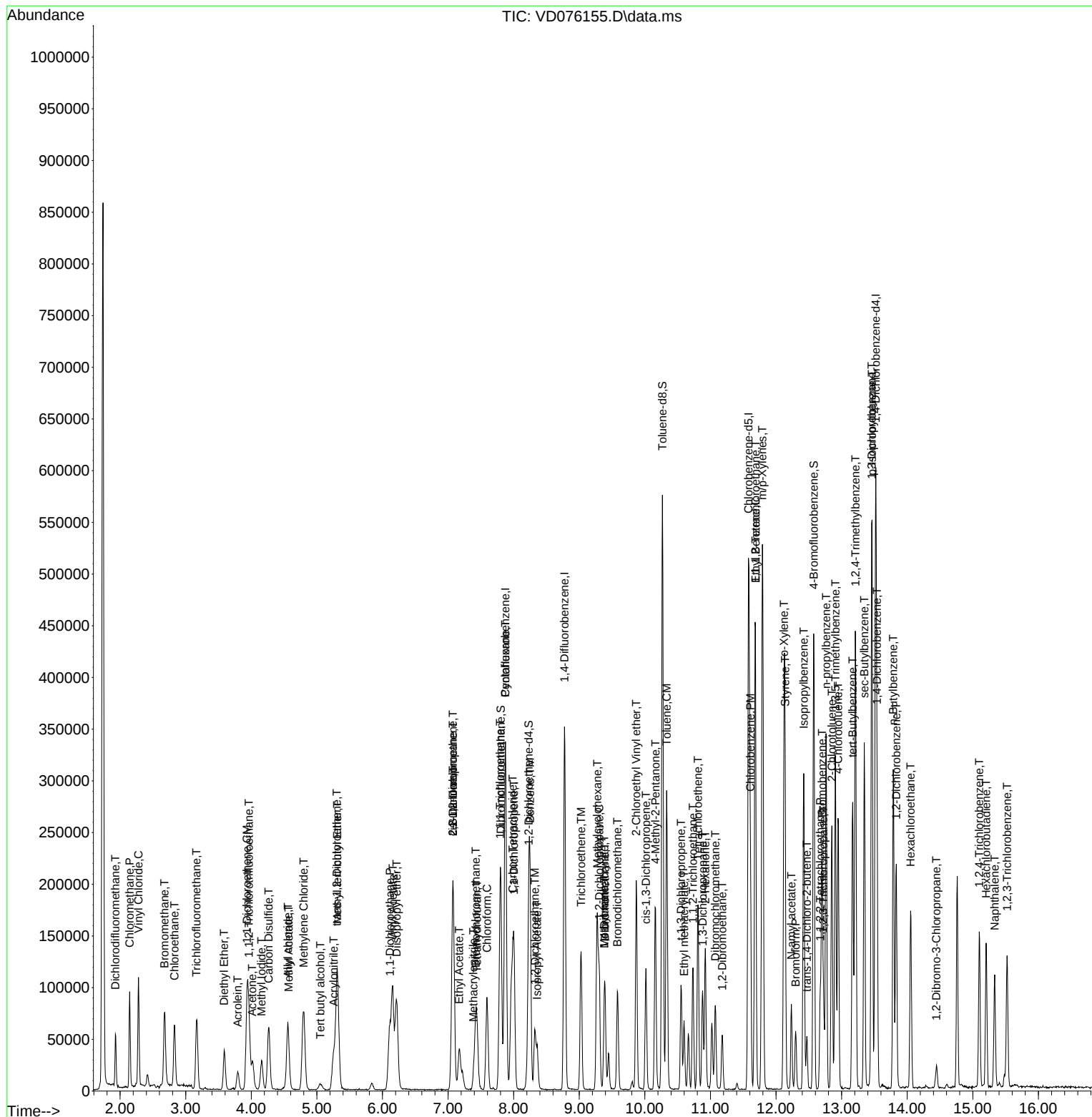
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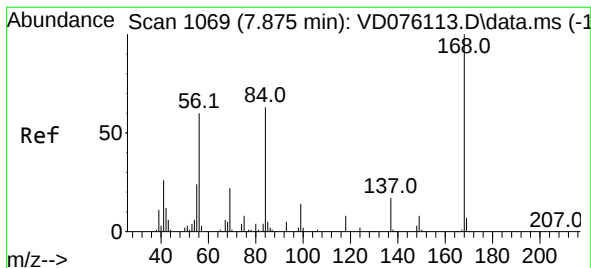
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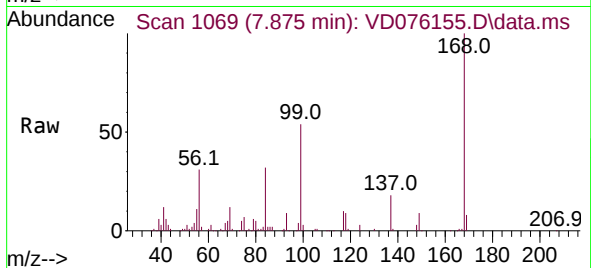
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

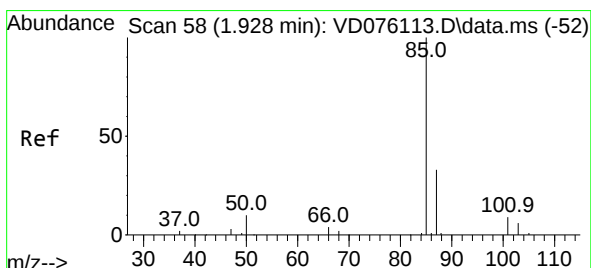
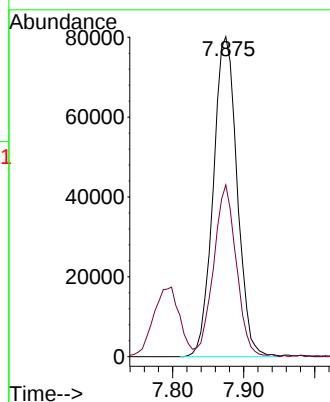
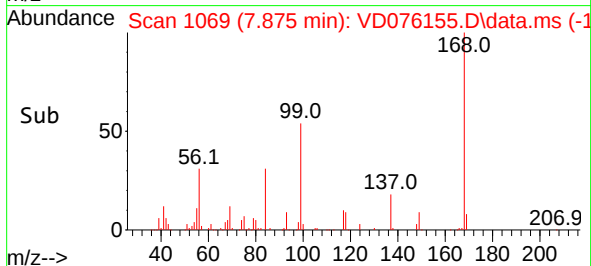
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion:168 Resp: 18676
Ion Ratio Lower Upper
168 100
99 53.7 43.8 65.6

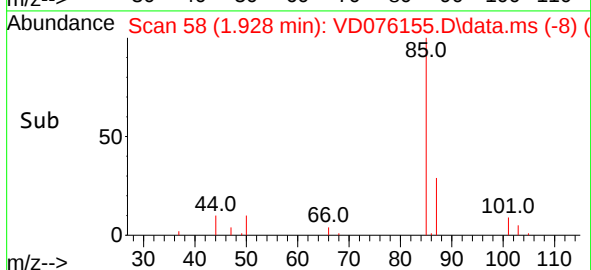
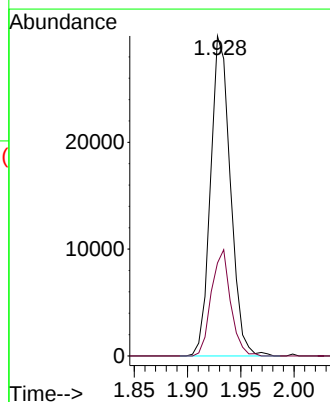
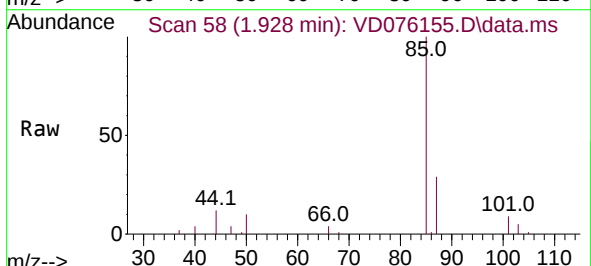
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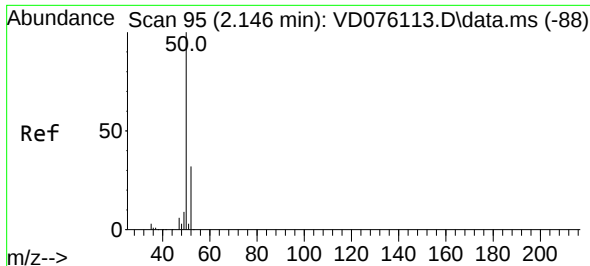
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#2
Dichlorodifluoromethane
Concen: 23.044 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

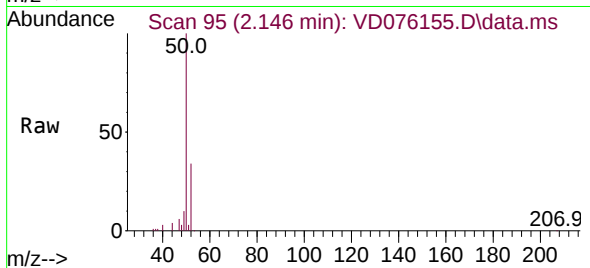
Tgt Ion: 85 Resp: 38815
Ion Ratio Lower Upper
85 100
87 29.1 17.3 51.7





#3
Chloromethane
Concen: 24.428 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

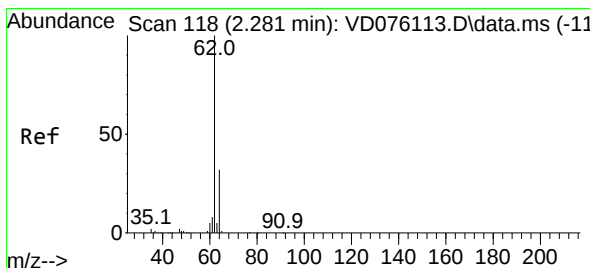
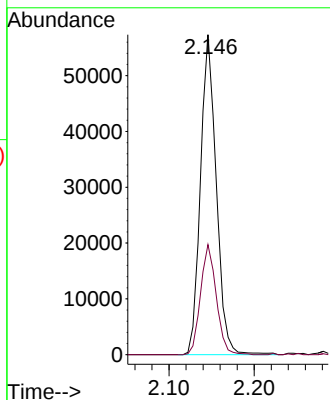
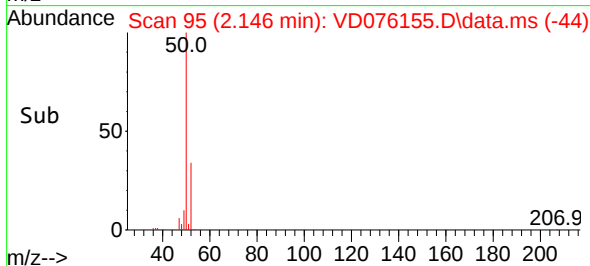
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 73850
Ion Ratio Lower Upper
50 100
52 34.4 27.8 41.8

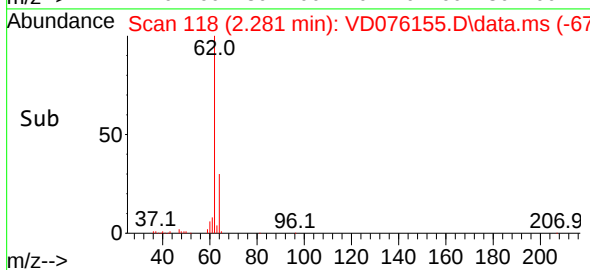
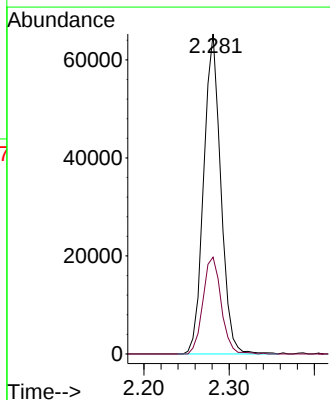
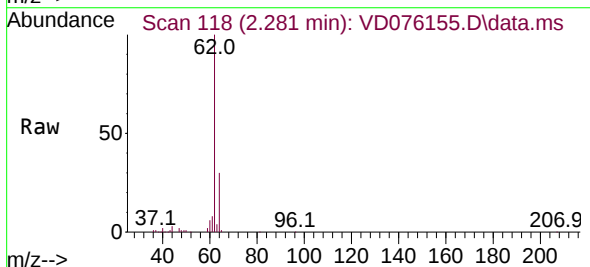
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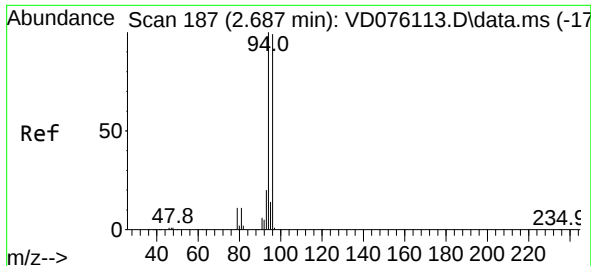
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#4
Vinyl Chloride
Concen: 25.106 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

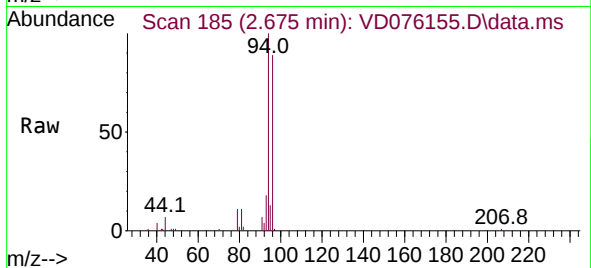
Tgt Ion: 62 Resp: 91200
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.0





#5
Bromomethane
Concen: 23.835 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.012 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

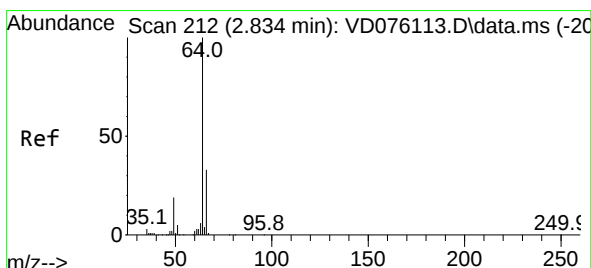
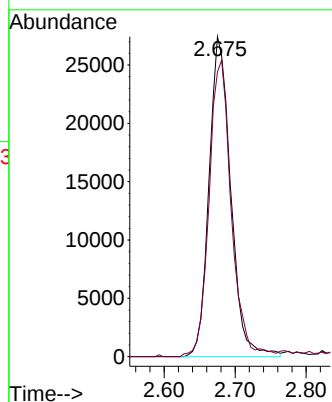
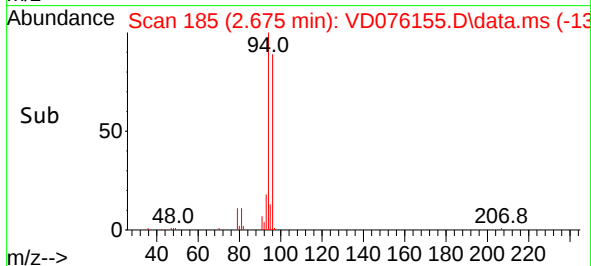
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 5829
Ion Ratio Lower Upper
94 100
96 94.5 77.5 116.3

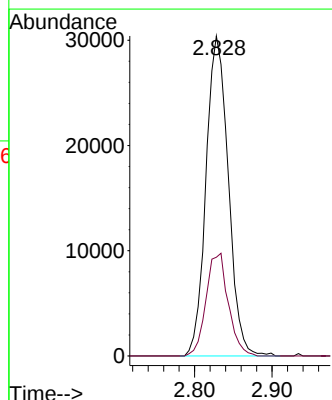
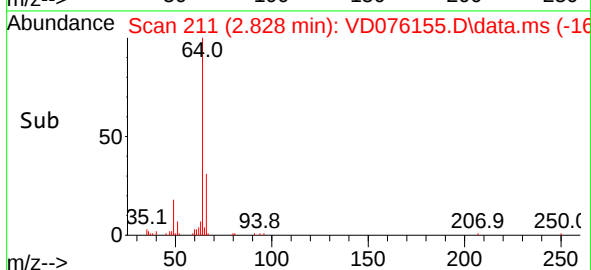
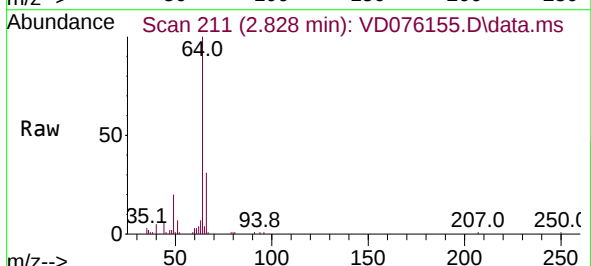
Manual Integrations
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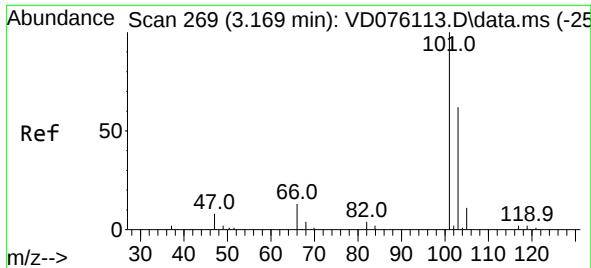
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#6
Chloroethane
Concen: 24.861 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Tgt Ion: 64 Resp: 60758
Ion Ratio Lower Upper
64 100
66 30.9 27.7 41.5





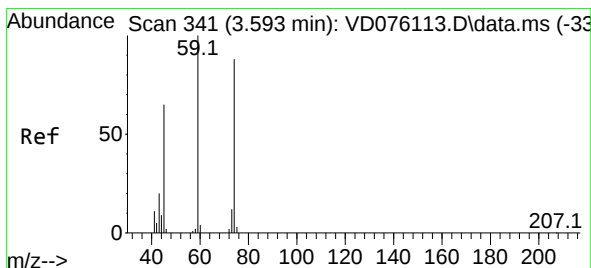
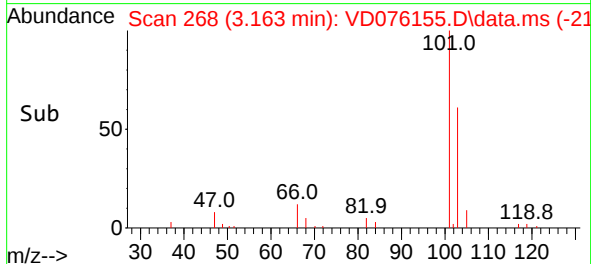
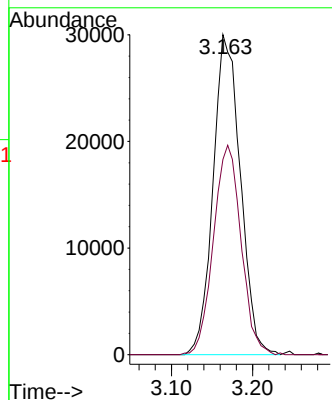
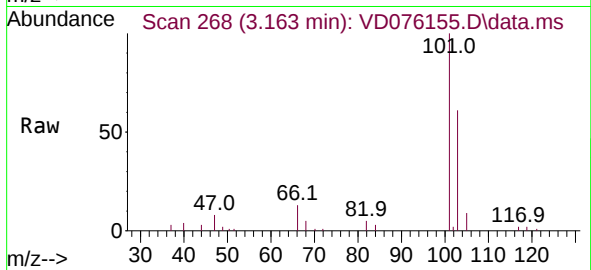
#7
Trichlorofluoromethane
Concen: 22.748 ug/l
RT: 3.163 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion:101 Resp: 70040
Ion Ratio Lower Upper
101 100
103 61.0 51.9 77.9

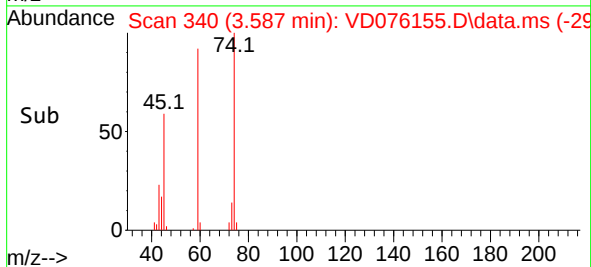
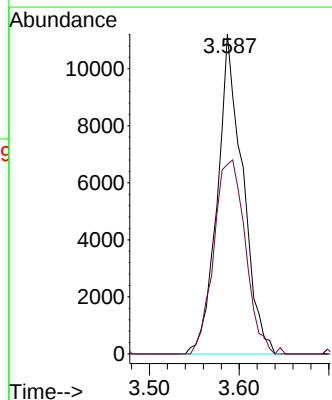
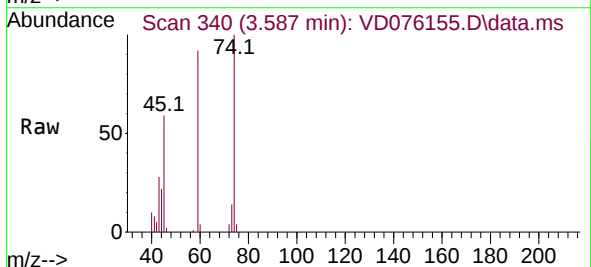
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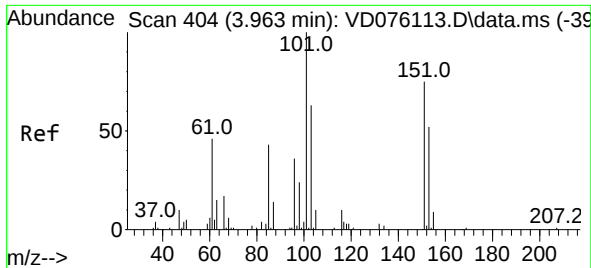
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#8
Diethyl Ether
Concen: 21.681 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Tgt Ion: 74 Resp: 21953
Ion Ratio Lower Upper
74 100
45 75.4 50.9 152.7





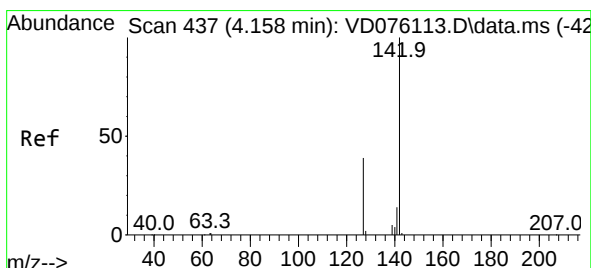
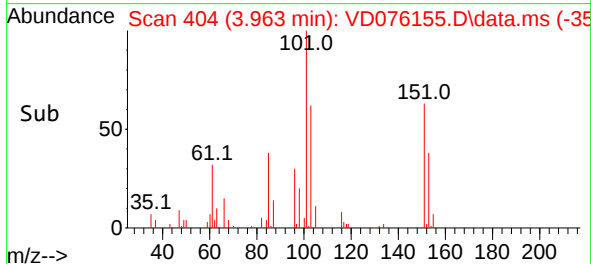
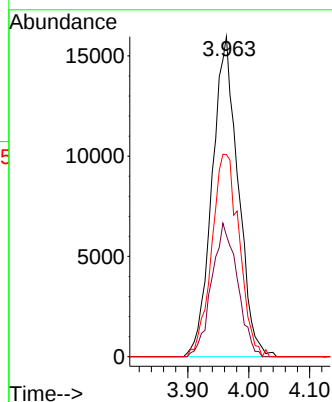
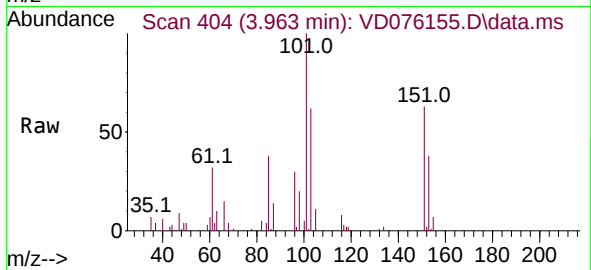
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.348 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion:101 Resp: 4735
Ion Ratio Lower Upper
101 100
85 41.3 38.3 57.5
151 67.0 60.4 90.6

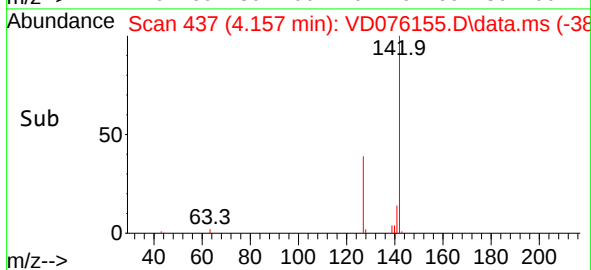
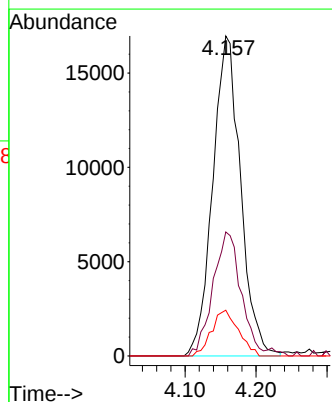
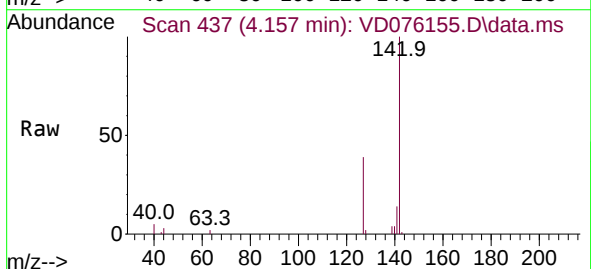
Manual Integrations
APPROVED

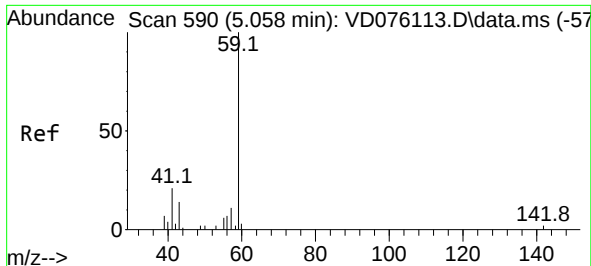
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#10
Methyl Iodide
Concen: 21.811 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.007 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

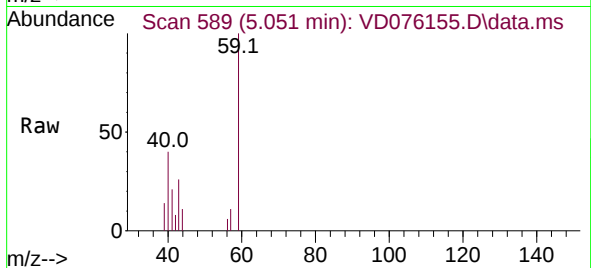
Tgt Ion:142 Resp: 45994
Ion Ratio Lower Upper
142 100
127 39.1 37.1 55.7
141 13.9 11.3 16.9





#11
Tert butyl alcohol
Concen: 122.160 ug/l
RT: 5.051 min Scan# 590
Delta R.T. -0.001 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

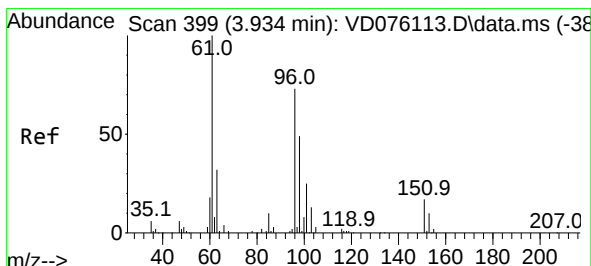
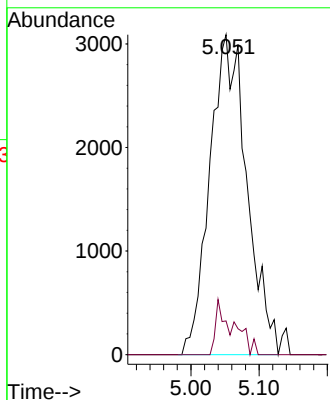
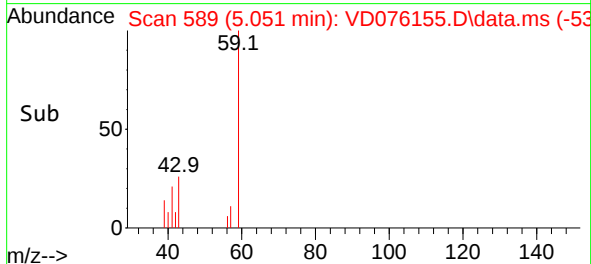
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



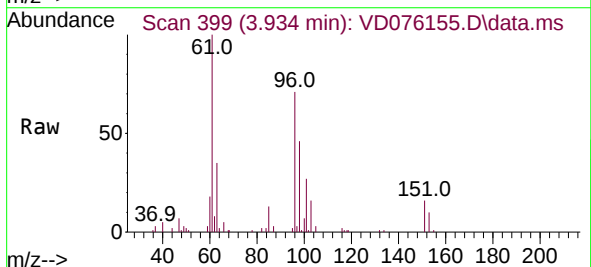
Tgt Ion: 59 Resp: 11664
Ion Ratio Lower Upper
59 100
57 4.6 0.0 0.0

Manual Integrations
APPROVED

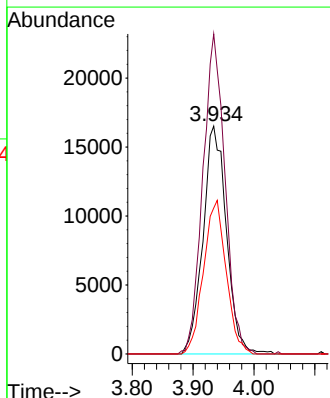
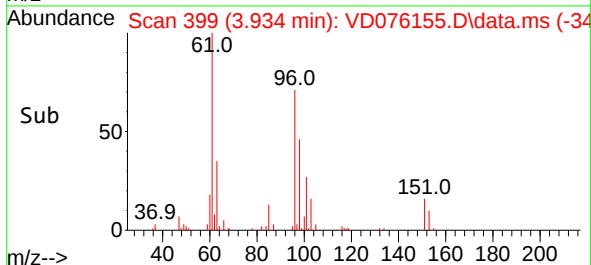
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

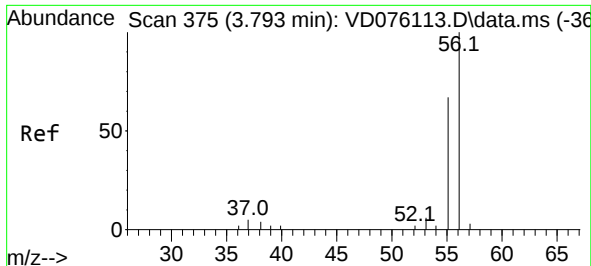


#12
1,1-Dichloroethene
Concen: 21.818 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



Tgt Ion: 96 Resp: 44039
Ion Ratio Lower Upper
96 100
61 140.4 118.6 177.8
98 64.1 49.7 74.5





#13

Acrolein

Concen: 93.944 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

Tgt Ion: 56 Resp: 2195

Ion Ratio Lower Upper

56 100

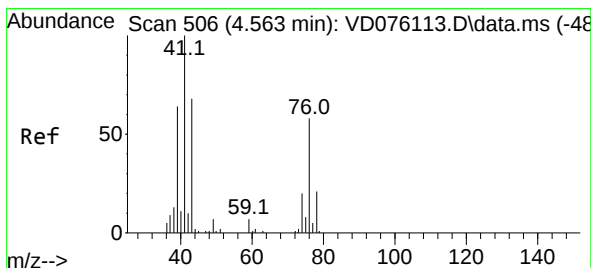
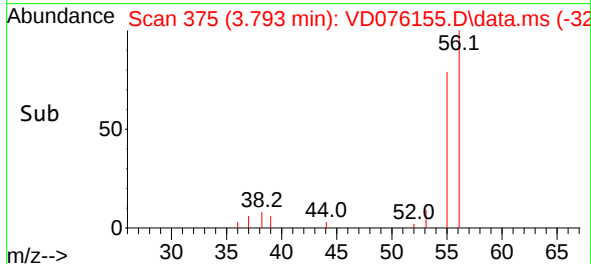
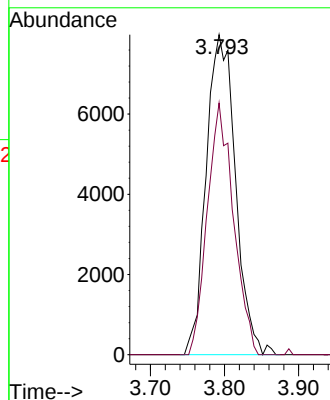
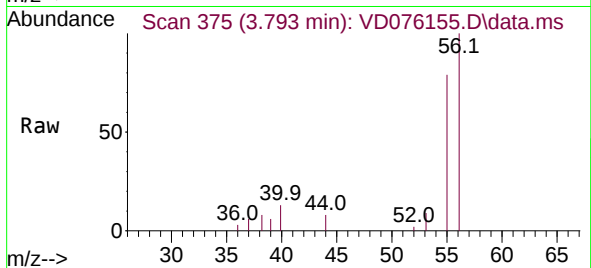
55 70.2 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#14

Allyl chloride

Concen: 22.254 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

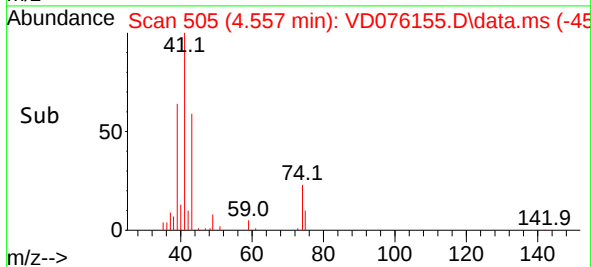
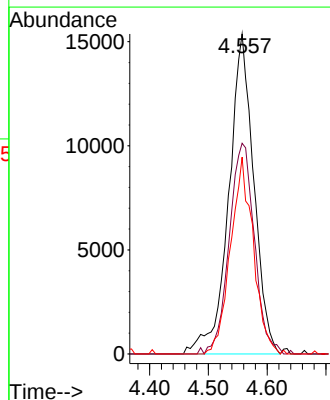
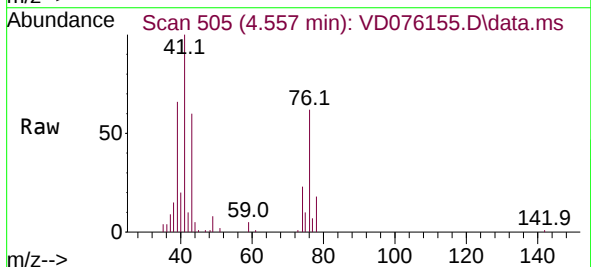
Tgt Ion: 41 Resp: 45588

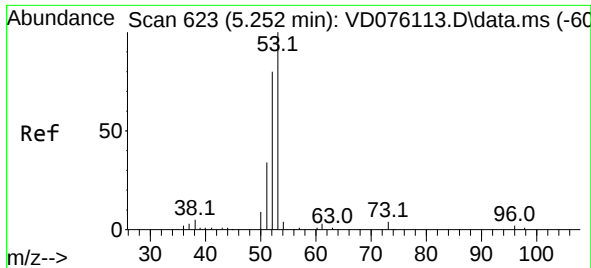
Ion Ratio Lower Upper

41 100

39 66.2 60.6 90.8

76 55.9 28.6 43.0#





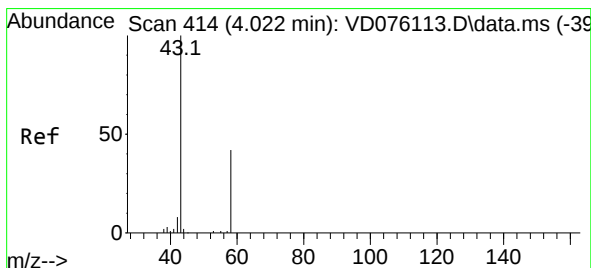
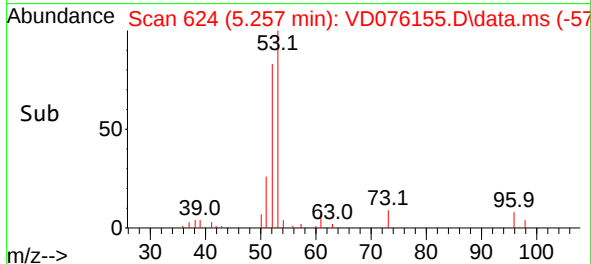
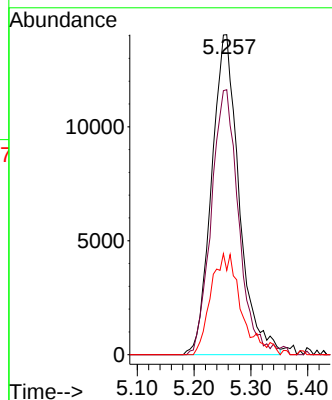
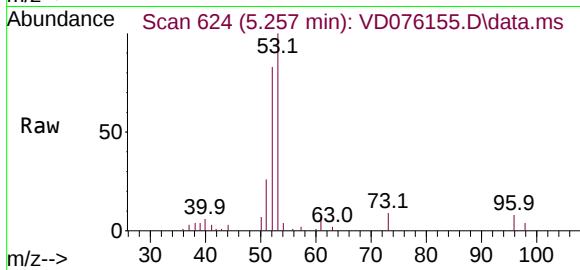
#15
Acrylonitrile
Concen: 112.533 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion: 53 Resp: 47179
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.4
51 33.7 30.7 46.1

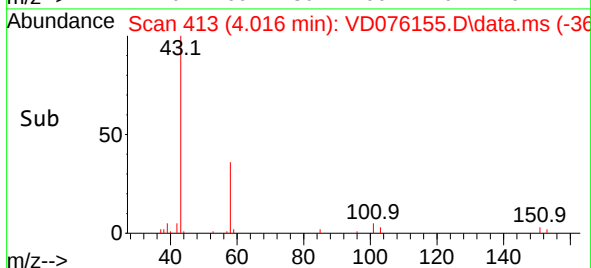
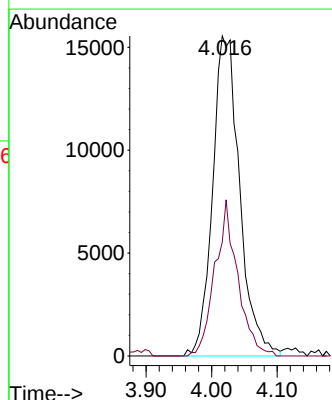
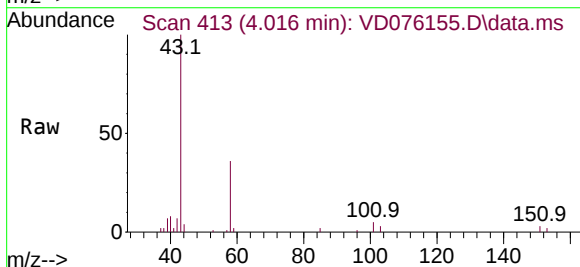
Manual Integrations
APPROVED

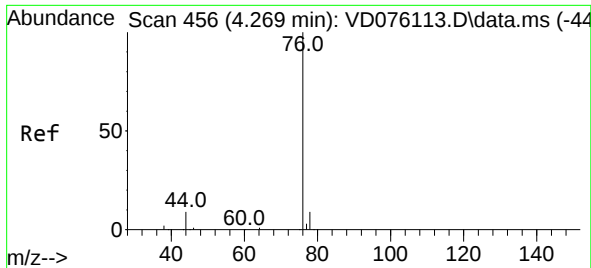
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#16
Acetone
Concen: 124.140 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Tgt Ion: 43 Resp: 44582
Ion Ratio Lower Upper
43 100
58 35.7 24.4 36.6





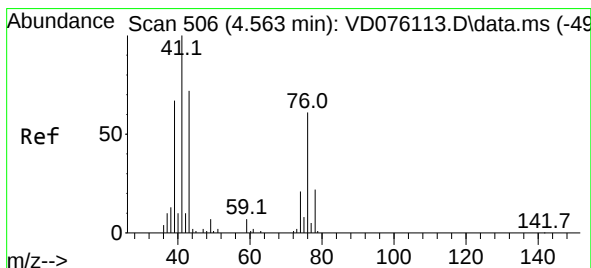
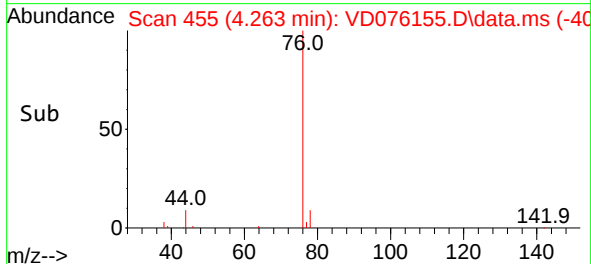
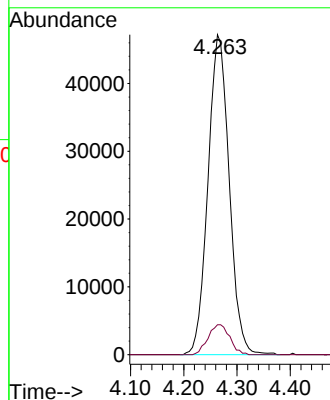
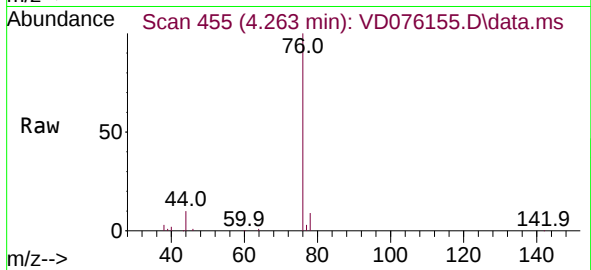
#17
Carbon Disulfide
Concen: 22.381 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion: 76 Resp: 130704
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0

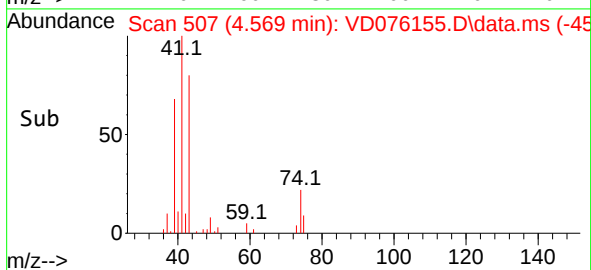
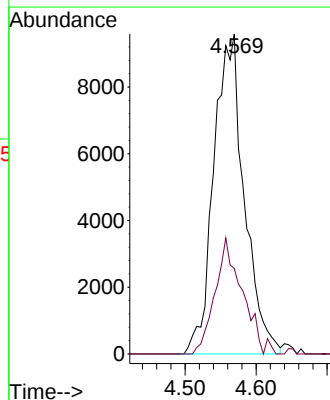
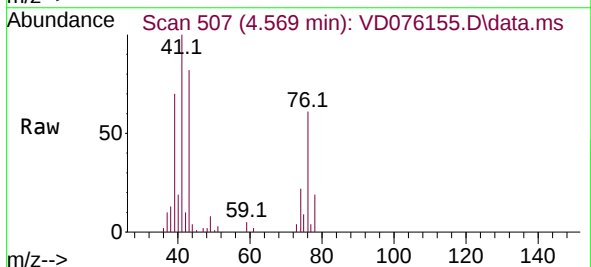
Manual Integrations
APPROVED

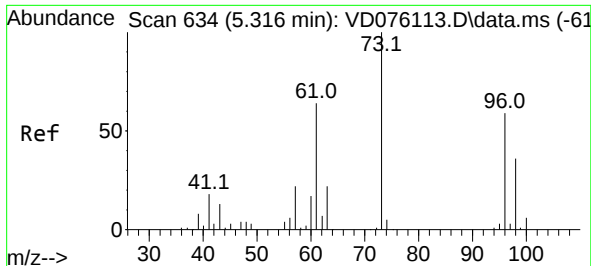
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#18
Methyl Acetate
Concen: 22.295 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Tgt Ion: 43 Resp: 28562
Ion Ratio Lower Upper
43 100
74 31.6 17.8 26.6#





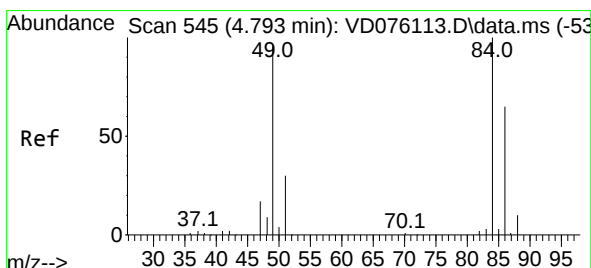
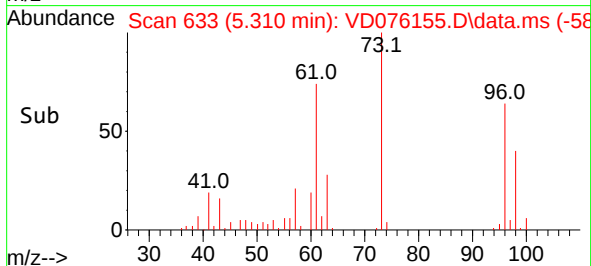
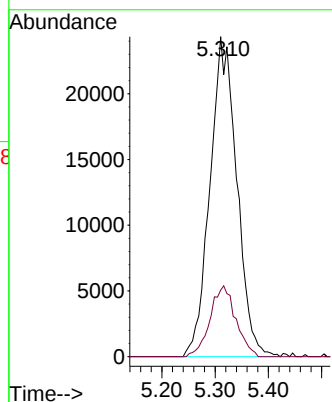
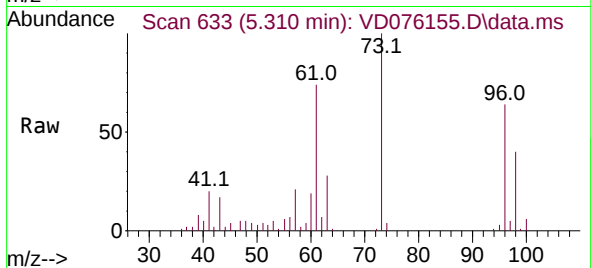
#19
Methyl tert-butyl Ether
Concen: 21.557 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion: 73 Resp: 8516
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8

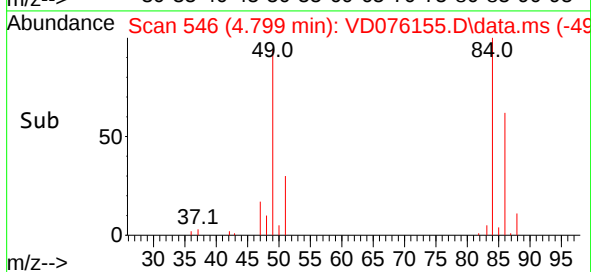
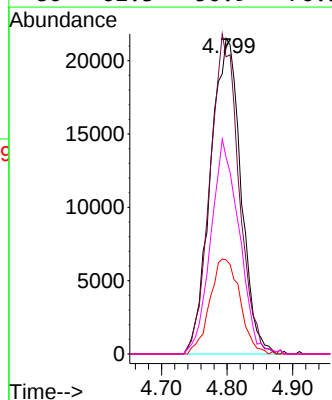
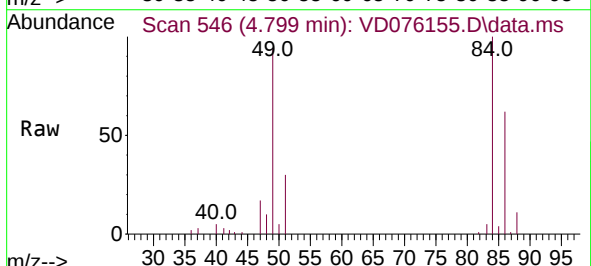
Manual Integrations
APPROVED

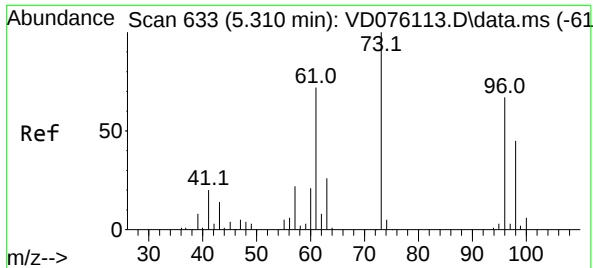
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#20
Methylene Chloride
Concen: 18.417 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

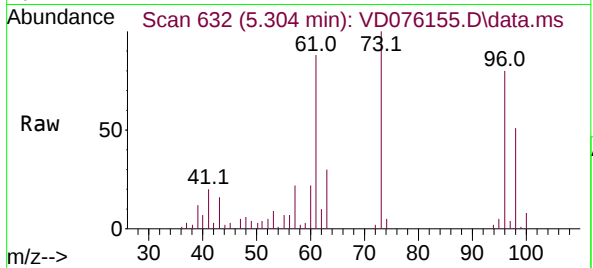
Tgt Ion: 84 Resp: 69443
Ion Ratio Lower Upper
84 100
49 94.2 106.4 159.6#
51 29.8 32.4 48.6#
86 62.3 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 21.937 ug/l
RT: 5.304 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

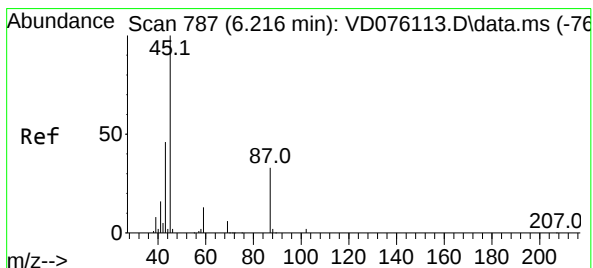
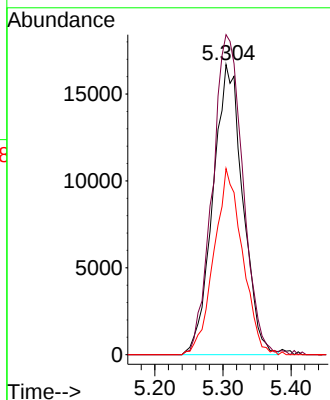
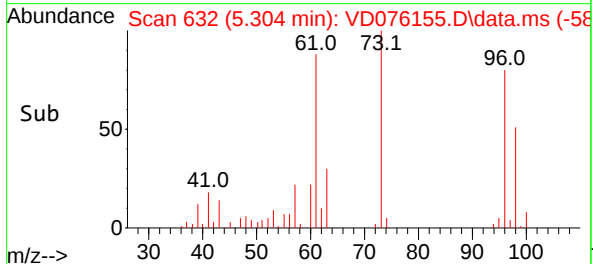
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion: 96 Resp: 51034
Ion Ratio Lower Upper
96 100
61 110.3 117.2 175.8#
98 64.1 50.6 76.0

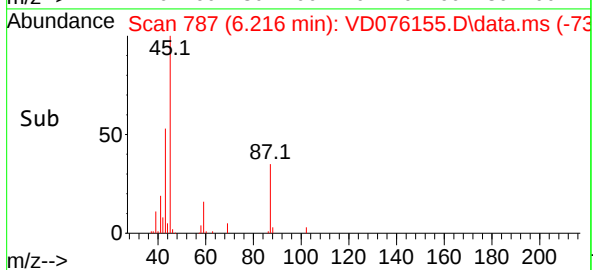
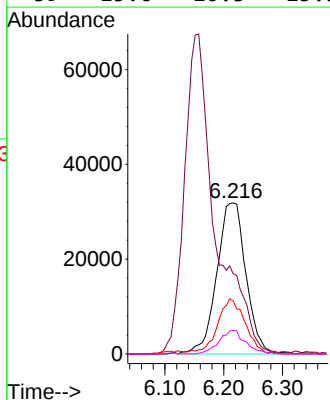
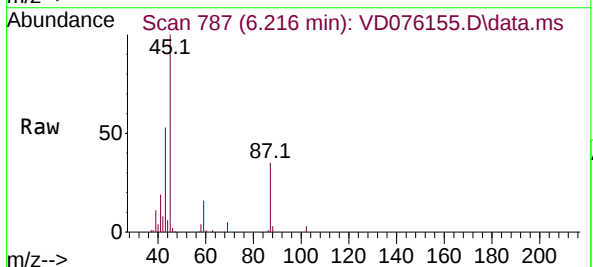
Manual Integrations
APPROVED

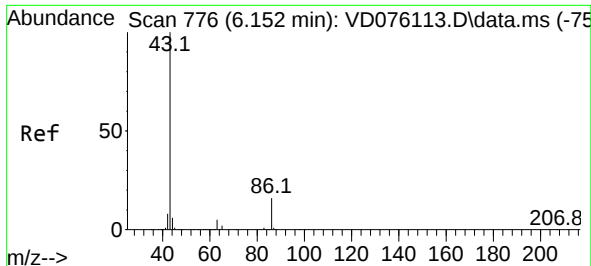
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#22
Diisopropyl ether
Concen: 22.970 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

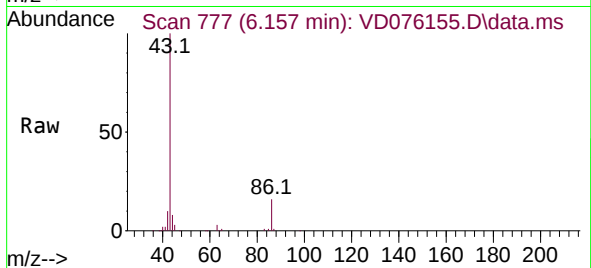
Tgt Ion: 45 Resp: 109221
Ion Ratio Lower Upper
45 100
43 52.1 44.4 66.6
87 35.1 20.9 31.3#
59 15.6 10.3 15.5#





#23
 Vinyl Acetate
 Concen: 105.279 ug/l m
 RT: 6.157 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: VD076155.D
 Acq: 19 May 2023 14:13

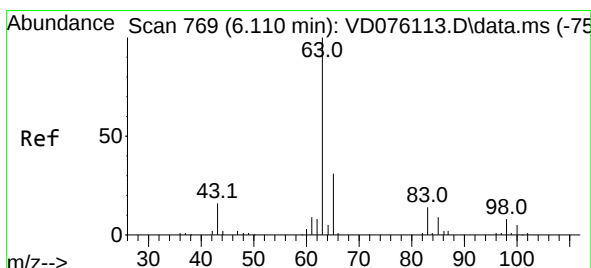
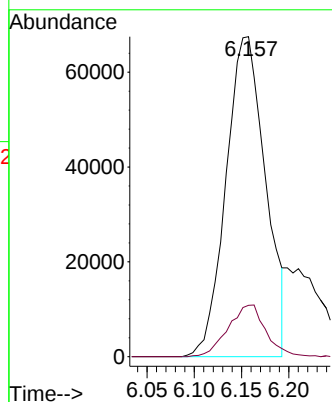
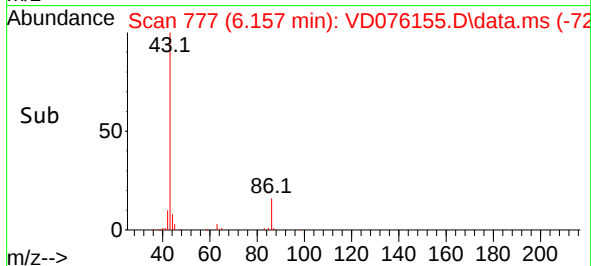
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02



Tgt Ion: 43 Resp: 196832
 Ion Ratio Lower Upper
 43 100
 86 16.1 9.0 13.6

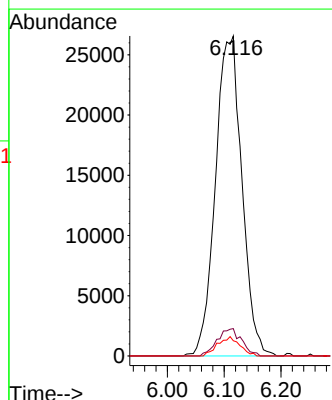
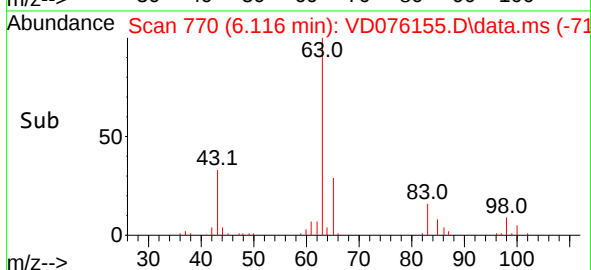
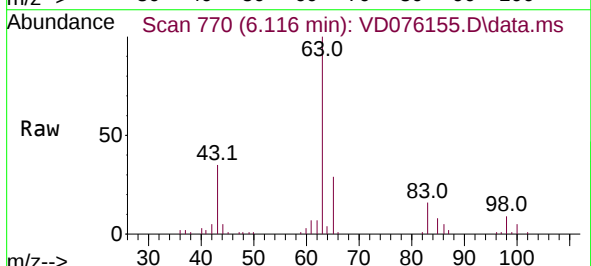
Manual Integrations
 APPROVED

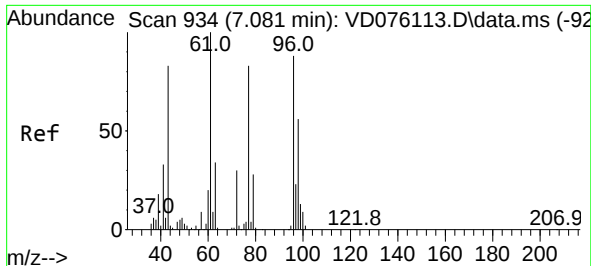
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#24
 1,1-Dichloroethane
 Concen: 22.898 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD076155.D
 Acq: 19 May 2023 14:13

Tgt Ion: 63 Resp: 85867
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 4.8 2.0 6.0





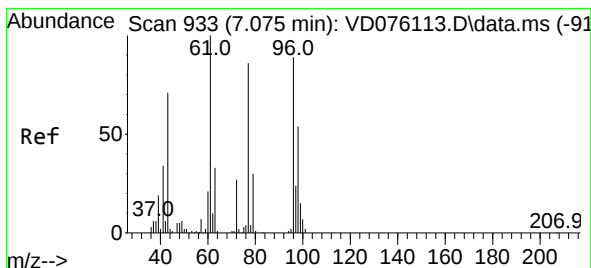
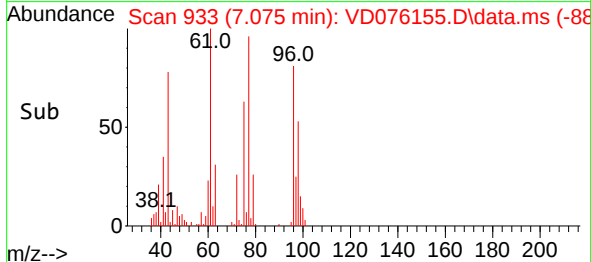
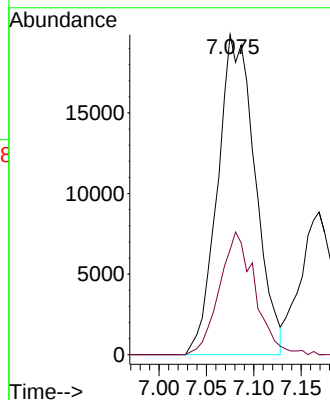
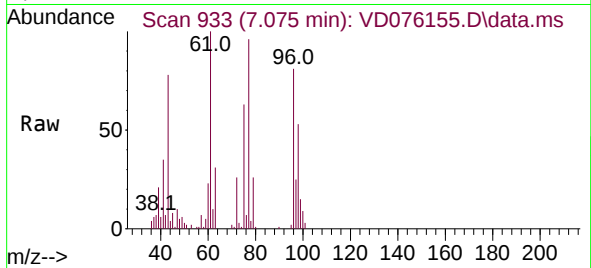
#25
2-Butanone
Concen: 121.345 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion: 43 Resp: 54794
Ion Ratio Lower Upper
43 100
72 32.8 19.8 29.8

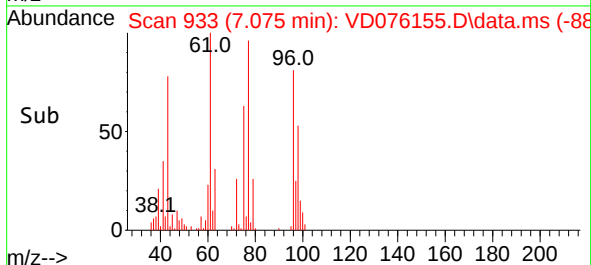
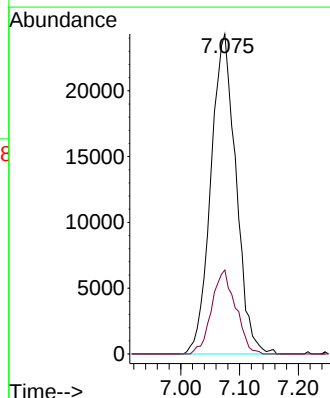
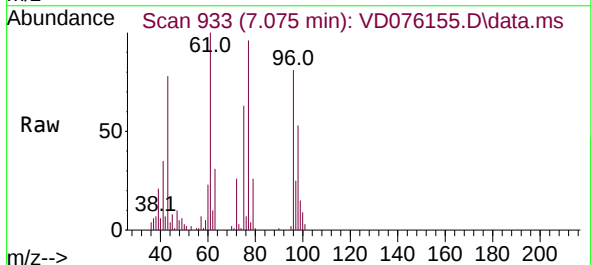
Manual Integrations
APPROVED

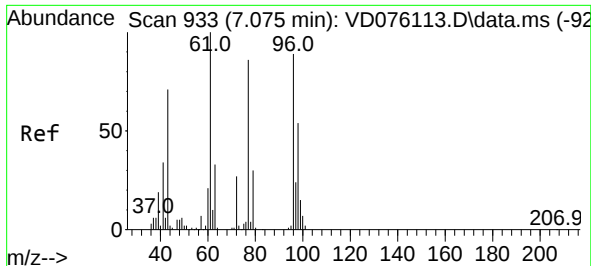
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#26
2,2-Dichloropropane
Concen: 23.591 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

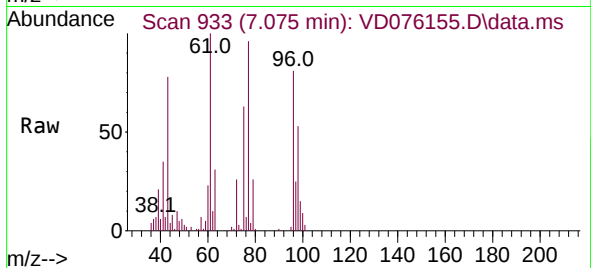
Tgt Ion: 77 Resp: 72135
Ion Ratio Lower Upper
77 100
97 25.1 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.902 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD076155.D
 Acq: 19 May 2023 14:13

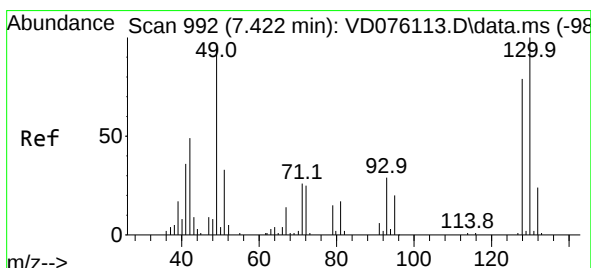
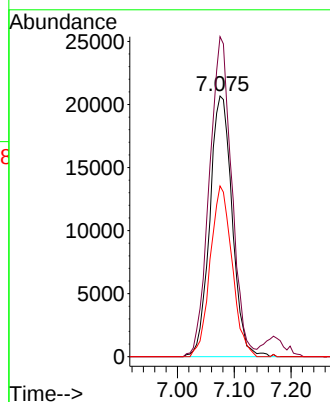
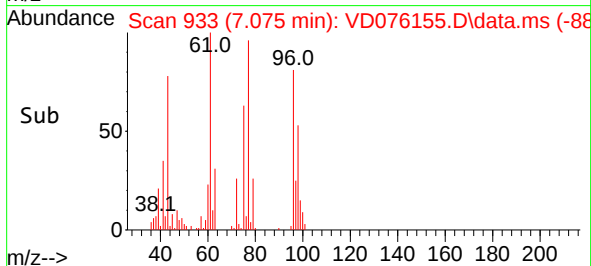
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02



Tgt Ion: 96 Resp: 5654
 Ion Ratio Lower Upper
 96 100
 61 123.0 0.0 295.2
 98 63.9 0.0 129.2

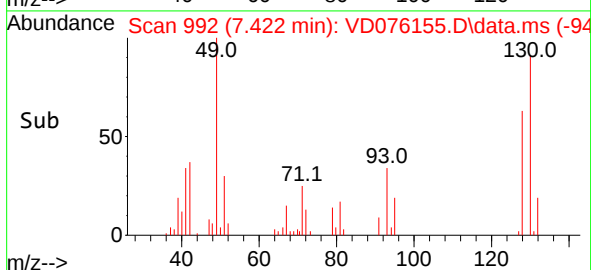
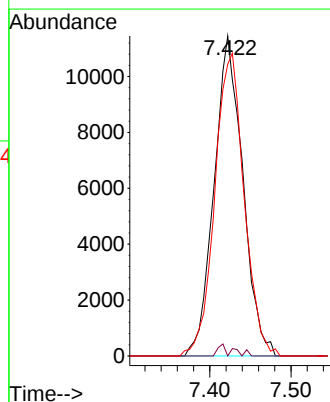
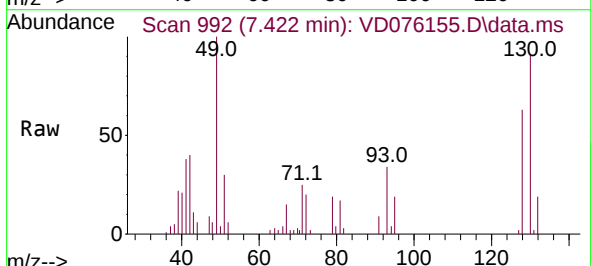
Manual Integrations
 APPROVED

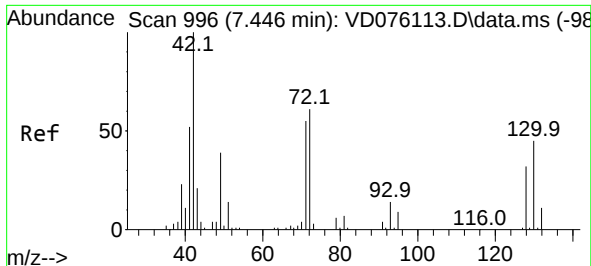
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#28
 Bromochloromethane
 Concen: 22.458 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD076155.D
 Acq: 19 May 2023 14:13

Tgt Ion: 49 Resp: 28081
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.2
 130 96.7 56.0 84.0#





#29

Tetrahydrofuran

Concen: 113.552 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD076155.D

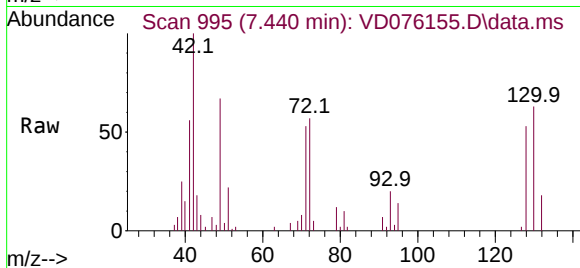
Acq: 19 May 2023 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02



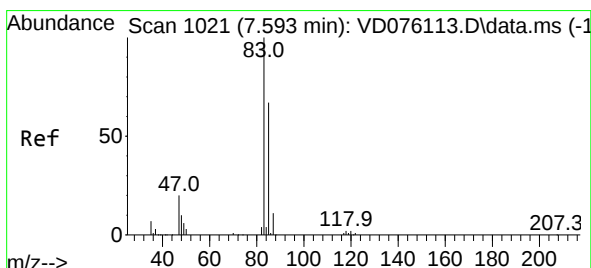
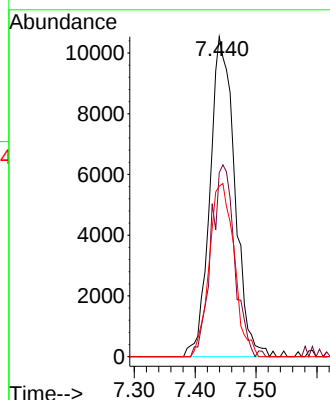
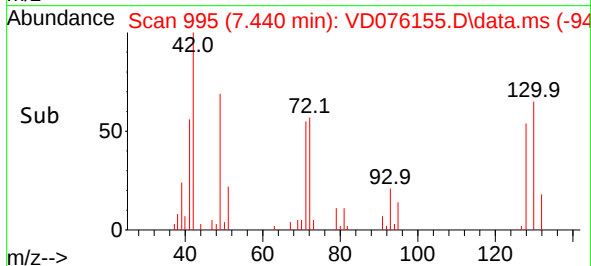
Tgt Ion:	42	Resp:	29880
Ion Ratio	Lower	Upper	
42	100		
72	56.7	31.8	47.6
71	54.2	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#30

Chloroform

Concen: 22.902 ug/l

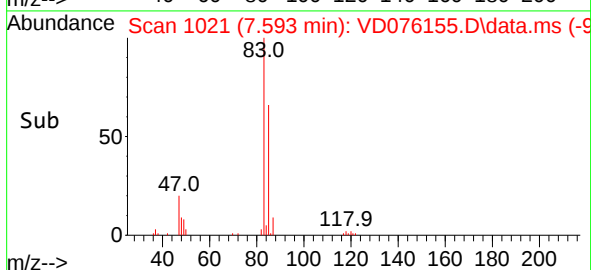
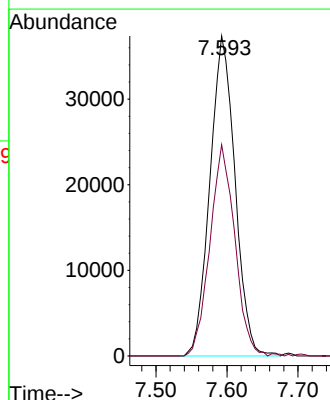
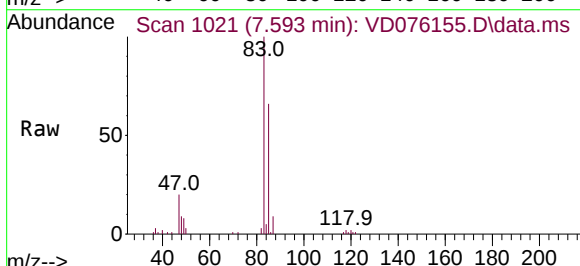
RT: 7.593 min Scan# 1021

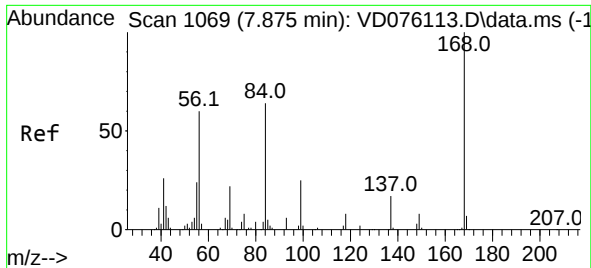
Delta R.T. -0.000 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

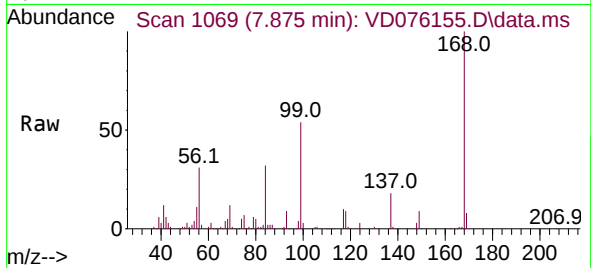
Tgt Ion:	83	Resp:	91842
Ion Ratio	Lower	Upper	
83	100		
85	66.0	49.4	74.2





#31
Cyclohexane
Concen: 22.576 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

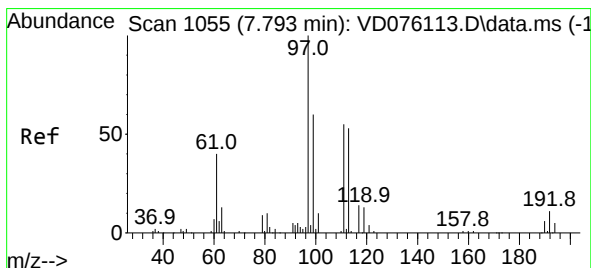
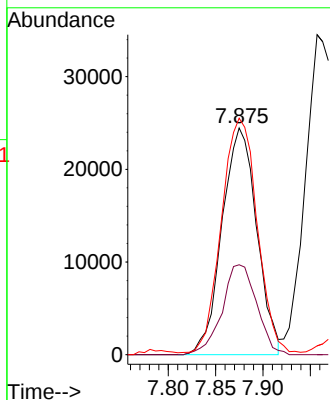
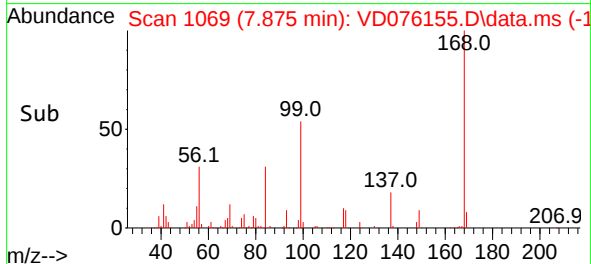
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



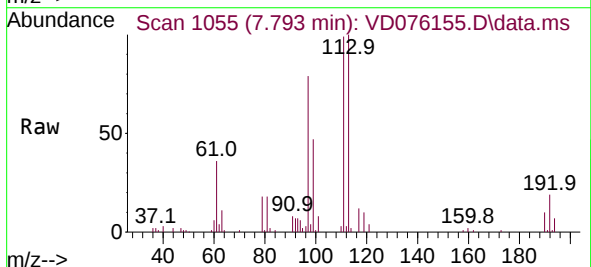
Tgt Ion: 56 Resp: 62408
Ion Ratio Lower Upper
56 100
69 39.7 25.5 38.3
84 103.4 69.6 104.4

Manual Integrations
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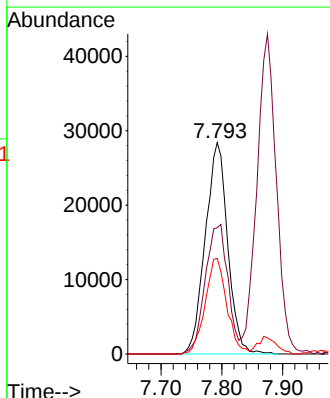
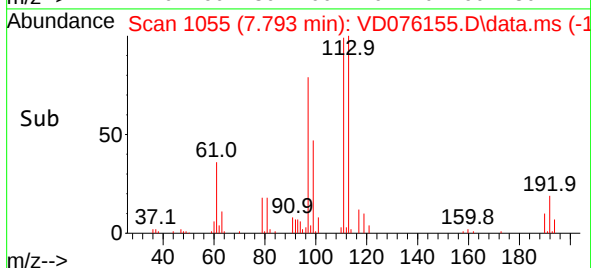
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

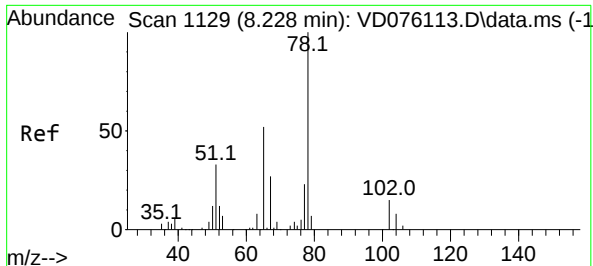


#32
1,1,1-Trichloroethane
Concen: 22.729 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



Tgt Ion: 97 Resp: 72638
Ion Ratio Lower Upper
97 100
99 61.8 50.5 75.7
61 43.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.448 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

Tgt Ion: 65 Resp: 9466

Ion Ratio Lower Upper

65 100

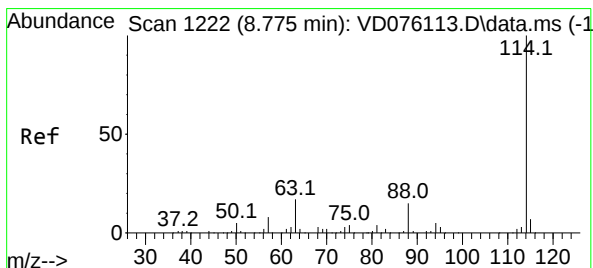
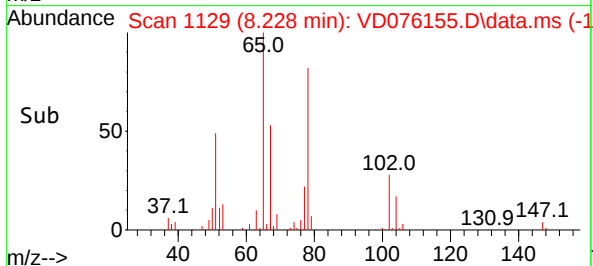
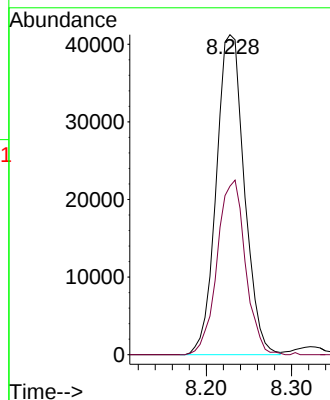
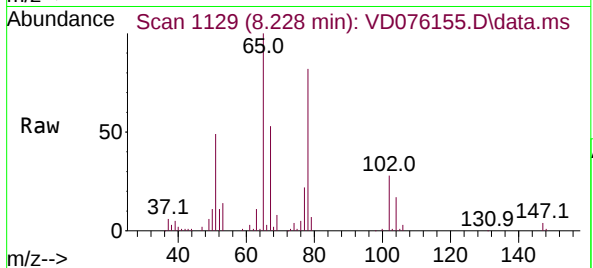
67 54.6 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

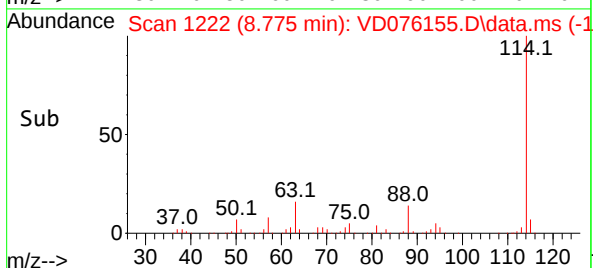
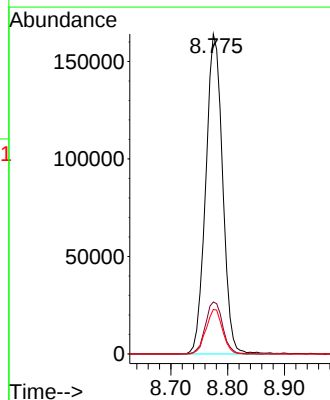
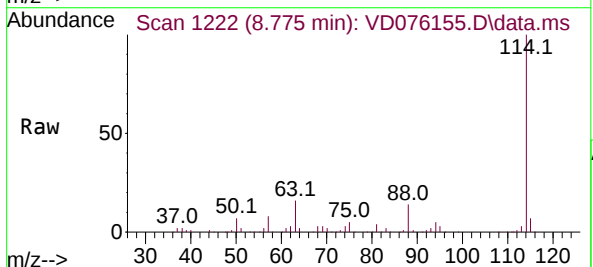
Tgt Ion:114 Resp: 337171

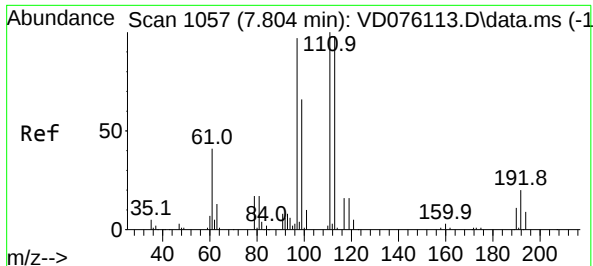
Ion Ratio Lower Upper

114 100

63 16.2 0.0 41.6

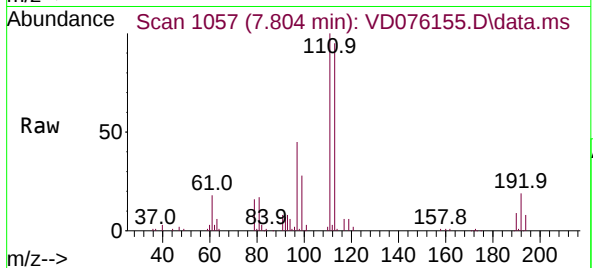
88 13.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 46.490 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

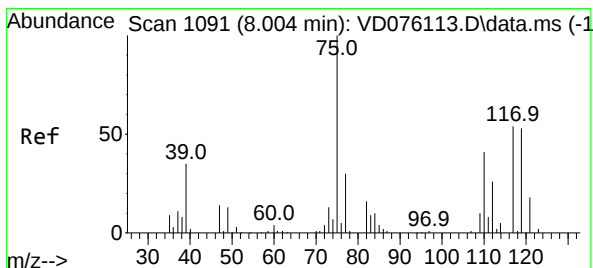
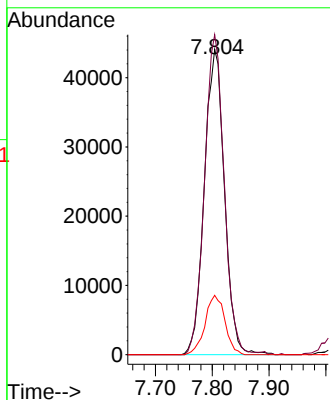
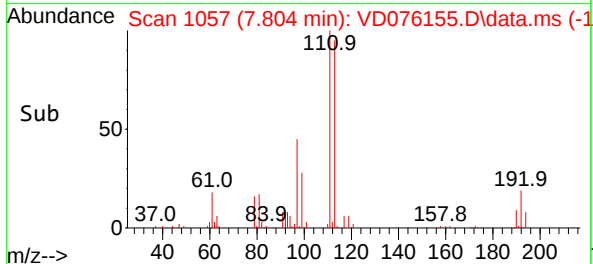
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion: 113 Resp: 108350
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 19.2 15.2 22.8

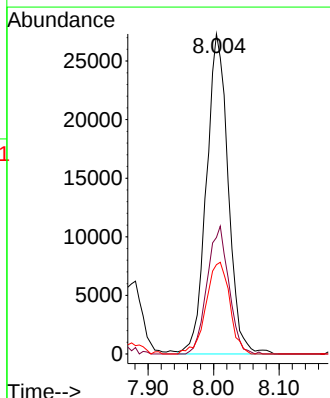
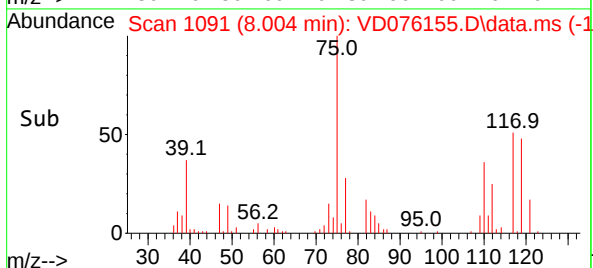
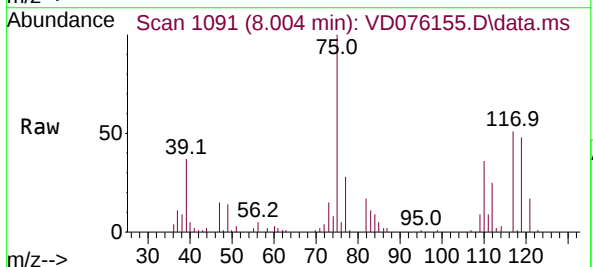
Manual Integrations
APPROVED

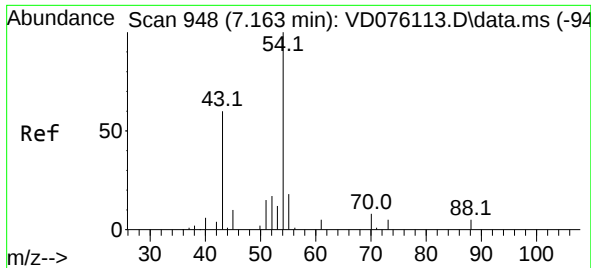
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#36
1,1-Dichloropropene
Concen: 19.976 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Tgt Ion: 75 Resp: 62875
Ion Ratio Lower Upper
75 100
110 39.9 17.1 51.2
77 31.2 24.6 36.8





#37

Ethyl Acetate

Concen: 20.229 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

Tgt Ion: 43 Resp: 22048

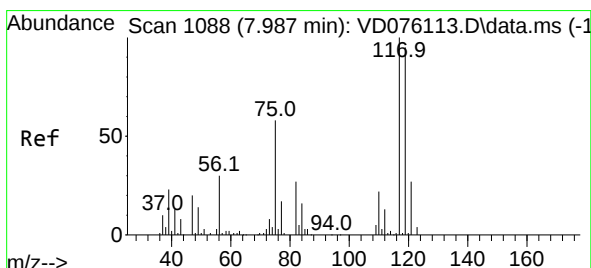
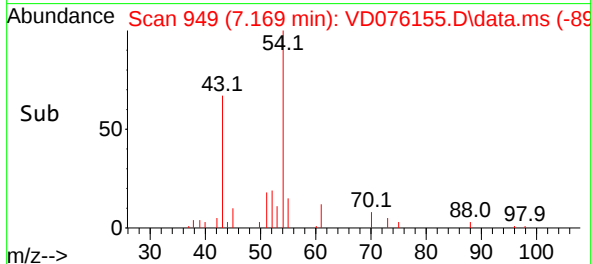
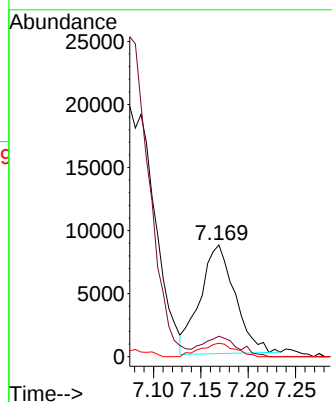
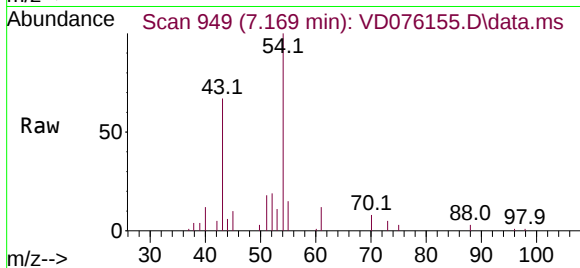
Ion	Ratio	Lower	Upper
43	100		
61	18.6	0.0	0.0
70	12.3	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#38

Carbon Tetrachloride

Concen: 19.308 ug/l

RT: 7.987 min Scan# 1088

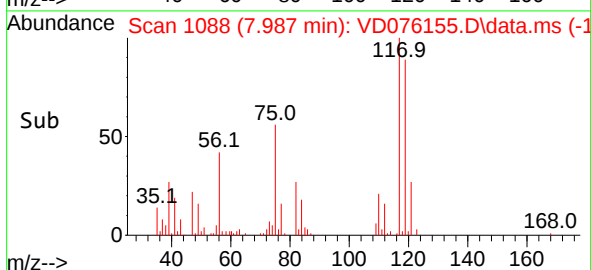
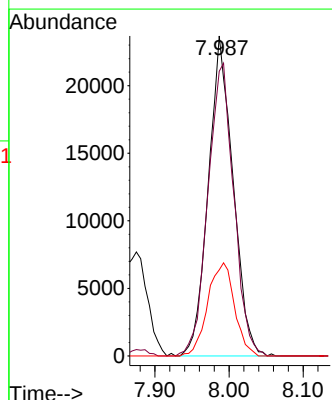
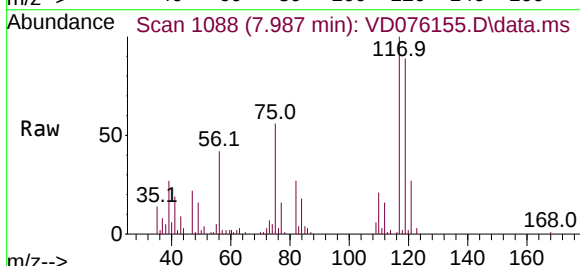
Delta R.T. -0.006 min

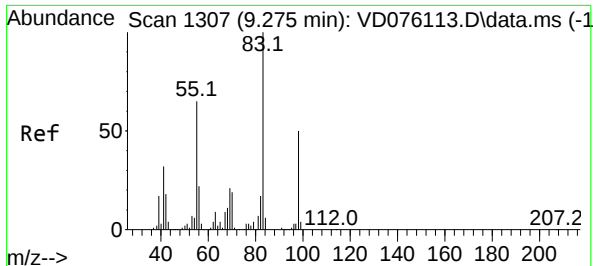
Lab File: VD076155.D

Acq: 19 May 2023 14:13

Tgt Ion:117 Resp: 54894

Ion	Ratio	Lower	Upper
117	100		
119	89.0	74.7	112.1
121	26.9	25.9	38.9





#39

Methylcyclohexane

Concen: 19.338 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

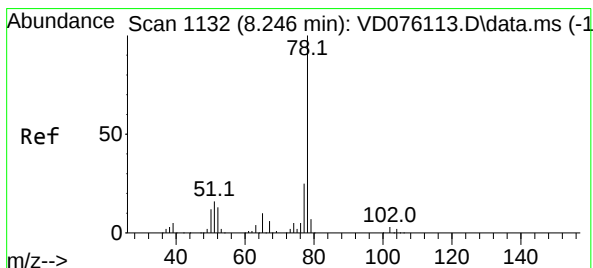
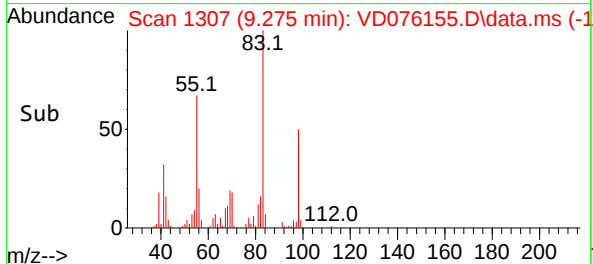
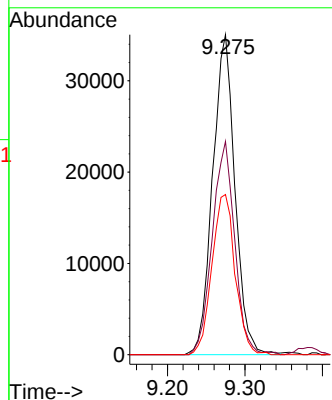
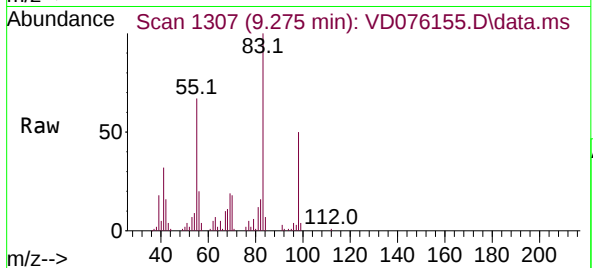
Tgt Ion:	83	Resp:	7007
Ion Ratio	Lower	Upper	
83	100		
55	66.6	56.8	85.2
98	50.1	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#40

Benzene

Concen: 20.174 ug/l

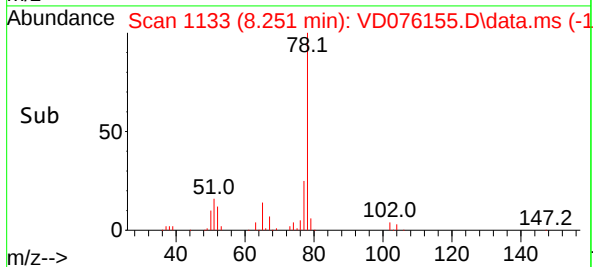
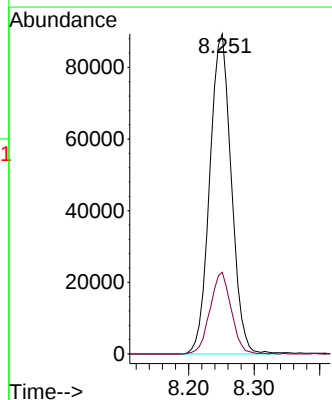
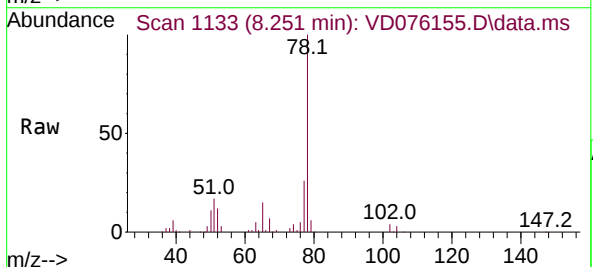
RT: 8.251 min Scan# 1133

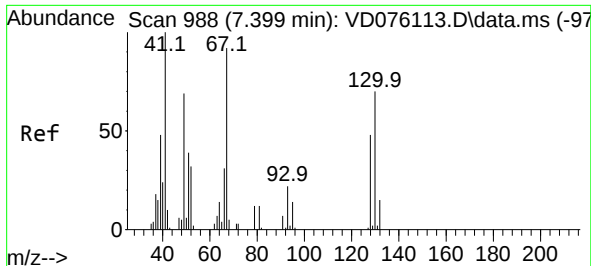
Delta R.T. -0.001 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

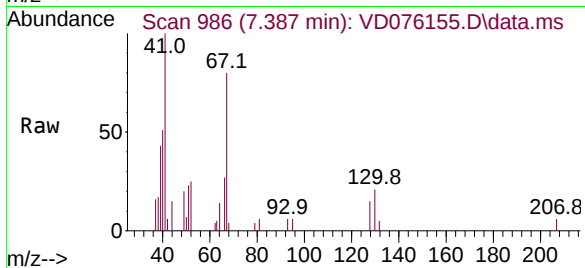
Tgt Ion:	78	Resp:	204148
Ion Ratio	Lower	Upper	
78	100		
77	25.5	19.1	28.7





#41
Methacrylonitrile
Concen: 19.072 ug/l
RT: 7.387 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

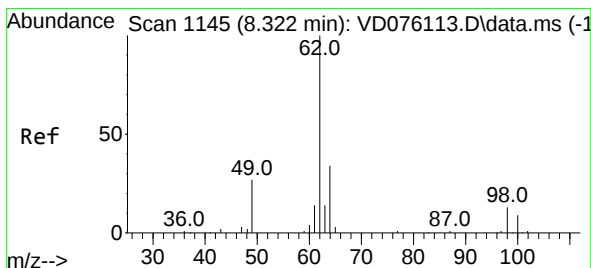
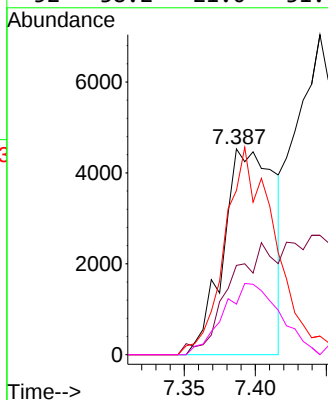
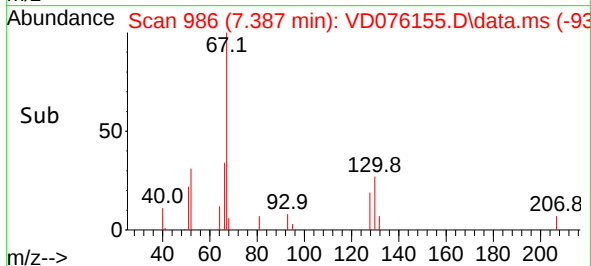
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion: 41 Resp: 11398
Ion Ratio Lower Upper
41 100
39 49.8 45.3 67.9
67 99.9 50.5 75.7
52 38.2 21.0 31.6#

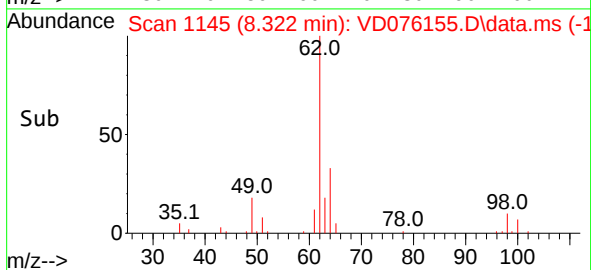
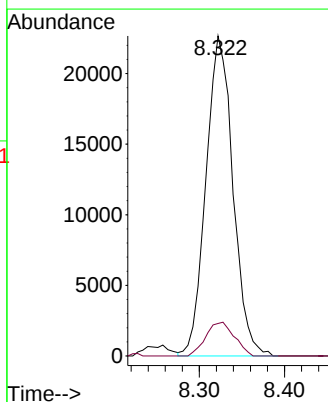
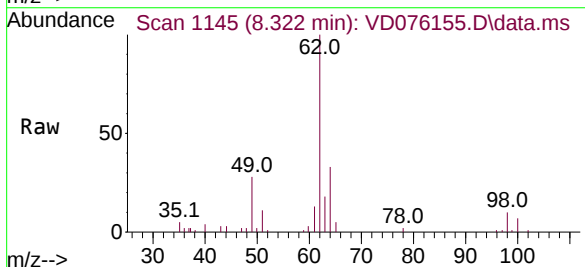
Manual Integrations
APPROVED

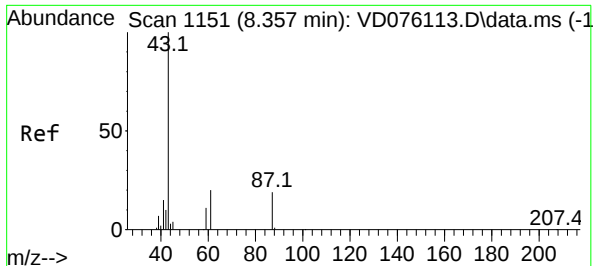
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#42
1,2-Dichloroethane
Concen: 20.864 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

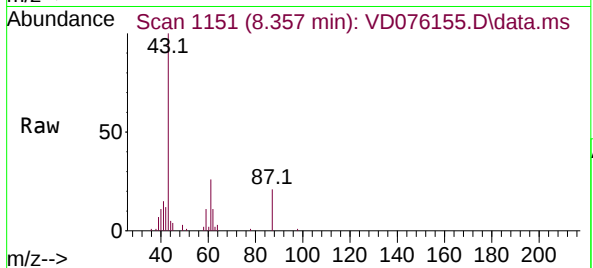
Tgt Ion: 62 Resp: 49939
Ion Ratio Lower Upper
62 100
98 11.1 0.0 18.8





#43
Isopropyl Acetate
Concen: 19.860 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

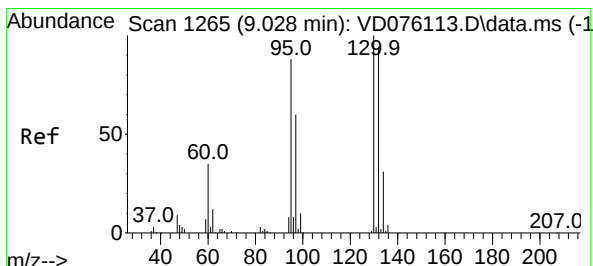
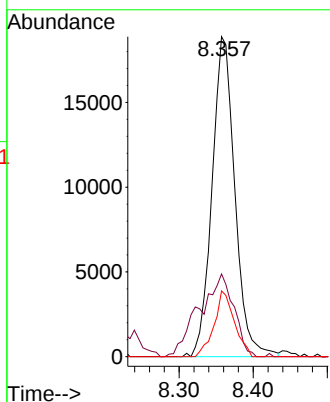
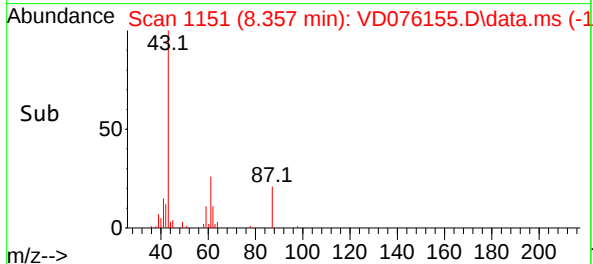
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



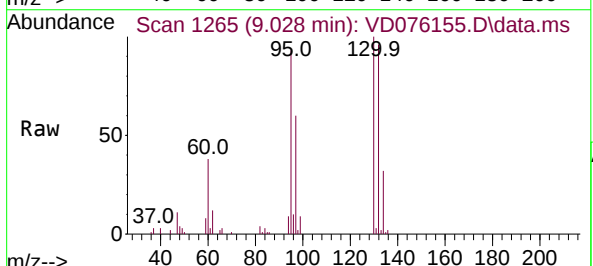
Tgt Ion: 43 Resp: 40430
Ion Ratio Lower Upper
43 100
61 39.0 23.4 35.0
87 18.2 9.5 14.3

Manual Integrations
APPROVED

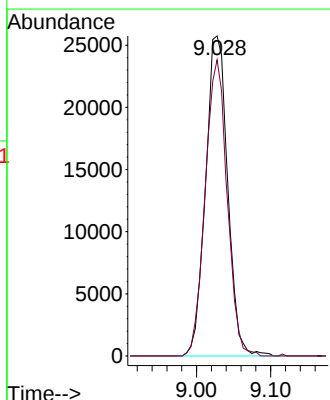
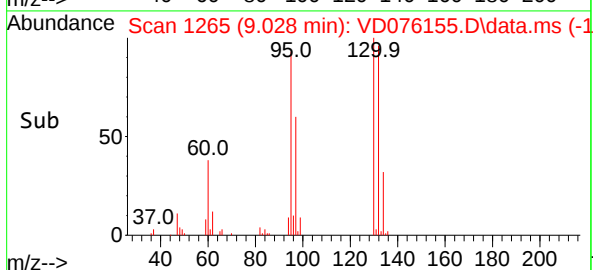
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

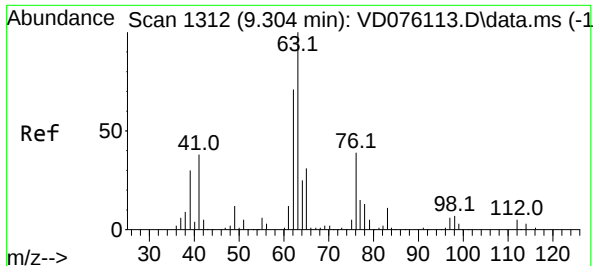


#44
Trichloroethene
Concen: 18.689 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



Tgt Ion:130 Resp: 53299
Ion Ratio Lower Upper
130 100
95 92.5 0.0 197.6





#45

1,2-Dichloropropane

Concen: 19.783 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

Tgt Ion: 63 Resp: 49379

Ion Ratio Lower Upper

63 100

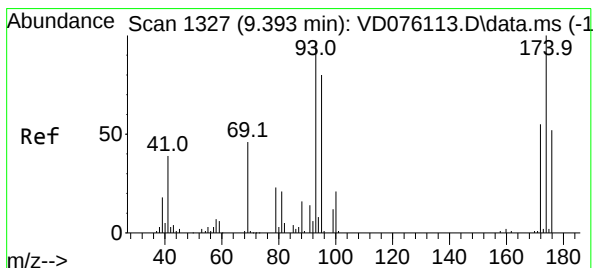
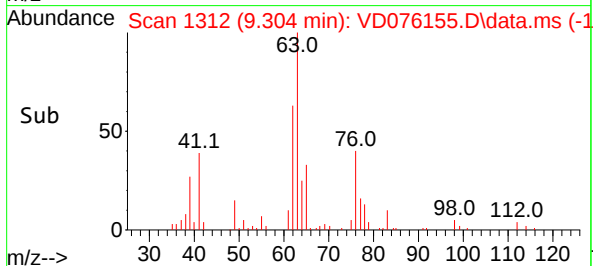
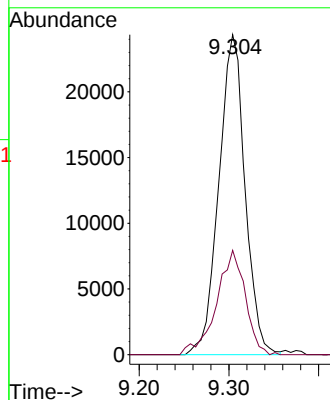
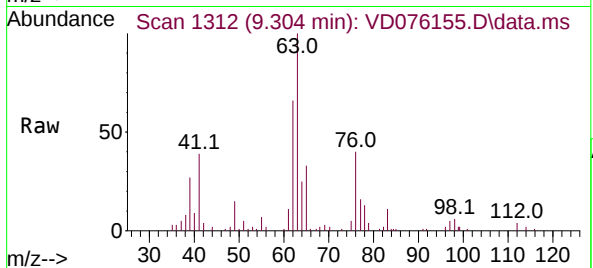
65 32.6 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#46

Dibromomethane

Concen: 20.213 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

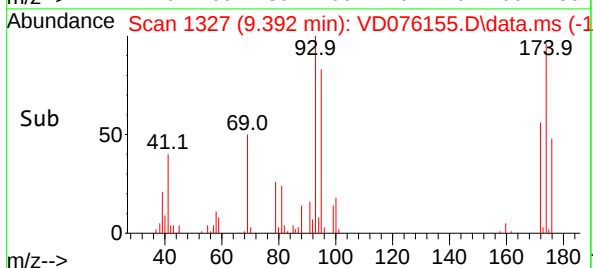
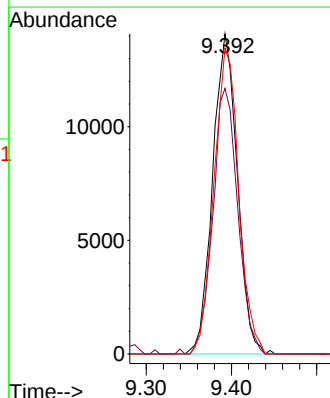
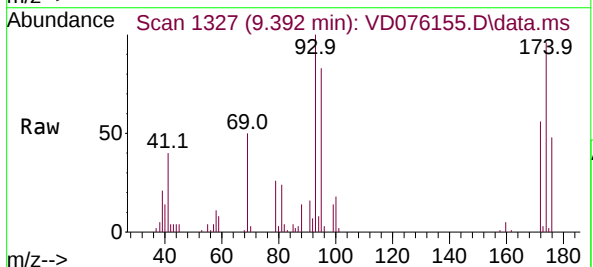
Tgt Ion: 93 Resp: 28280

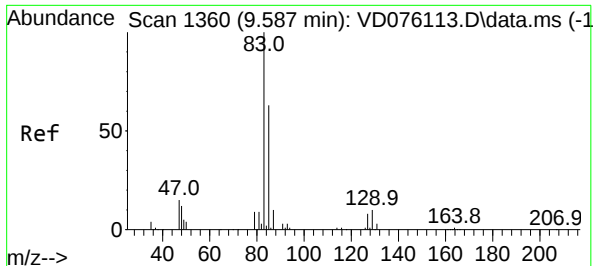
Ion Ratio Lower Upper

93 100

95 84.0 64.5 96.7

174 96.1 76.2 114.4





#47

Bromodichloromethane

Concen: 20.117 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

Tgt Ion: 83 Resp: 67644

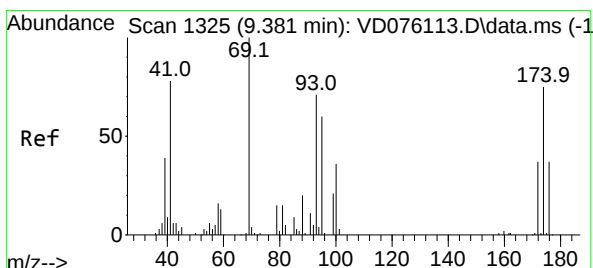
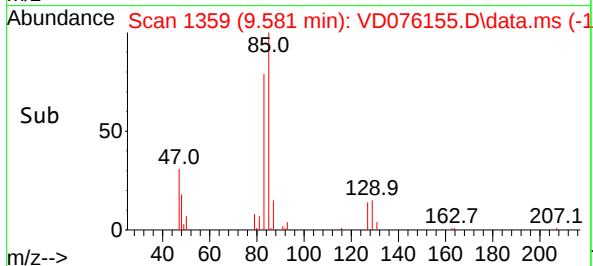
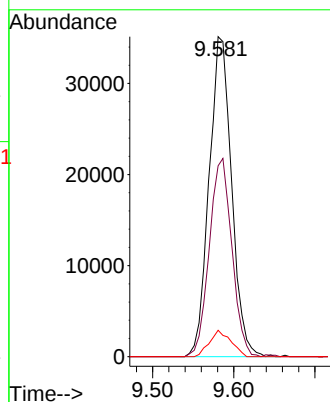
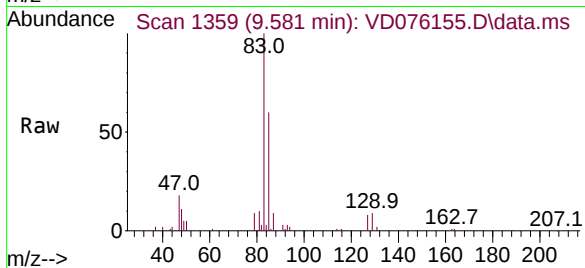
Ion	Ratio	Lower	Upper
83	100		
85	59.7	53.7	80.5
127	8.3	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#48

Methyl methacrylate

Concen: 20.007 ug/l

RT: 9.381 min Scan# 1325

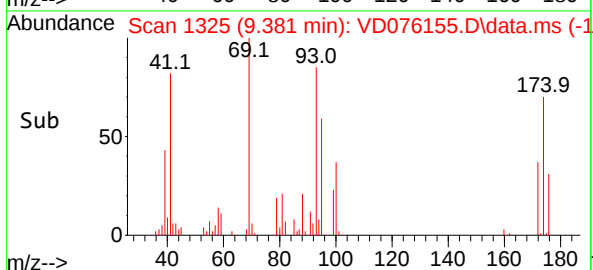
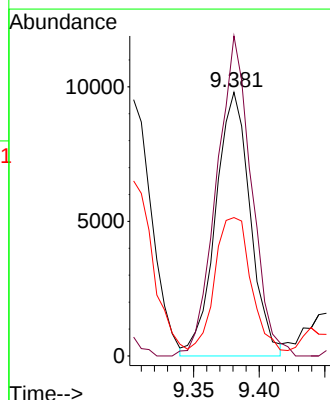
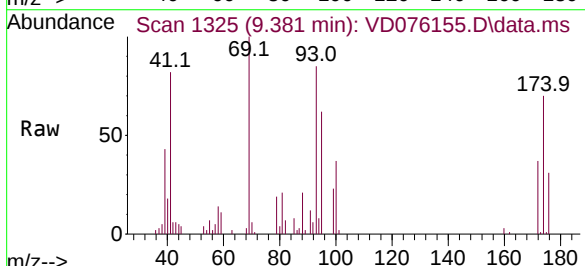
Delta R.T. -0.000 min

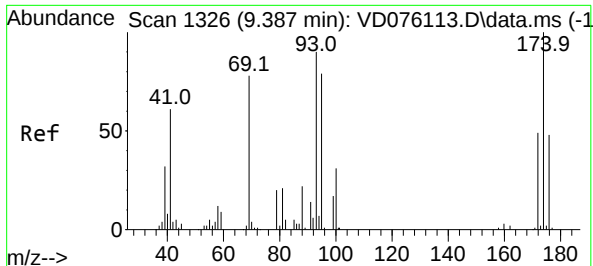
Lab File: VD076155.D

Acq: 19 May 2023 14:13

Tgt Ion: 41 Resp: 18029

Ion	Ratio	Lower	Upper
41	100		
69	121.7	58.6	88.0#
39	56.8	53.4	80.0





#49

1,4-Dioxane

Concen: 363.530 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

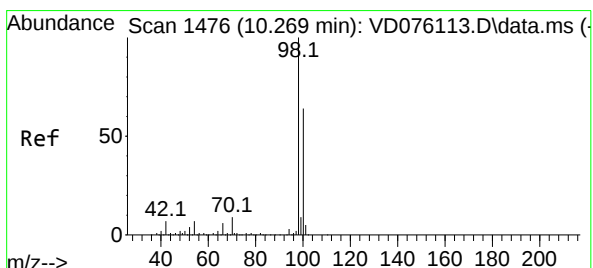
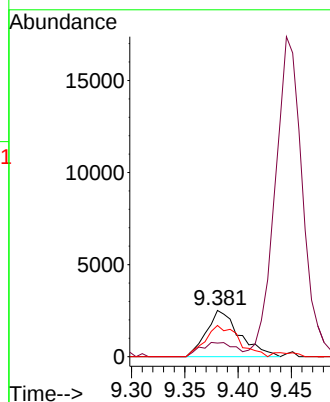
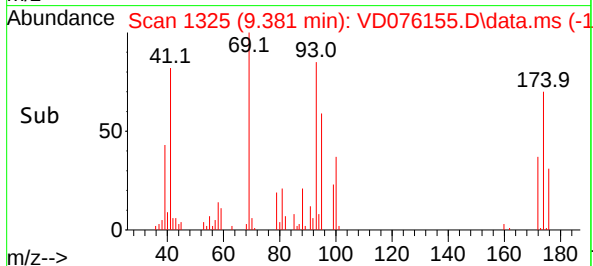
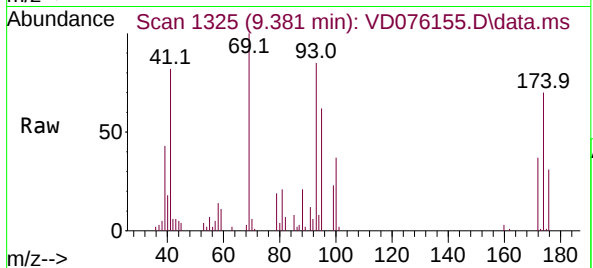
Tgt Ion: 88 Resp: 5439
 Ion Ratio Lower Upper
 88 100
 43 31.5 34.6 51.8
 58 67.8 58.0 87.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#50

Toluene-d8

Concen: 46.691 ug/l

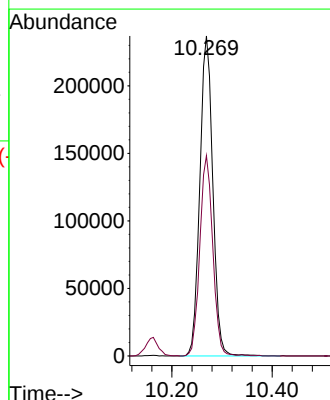
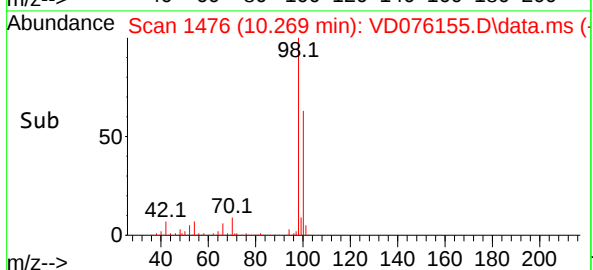
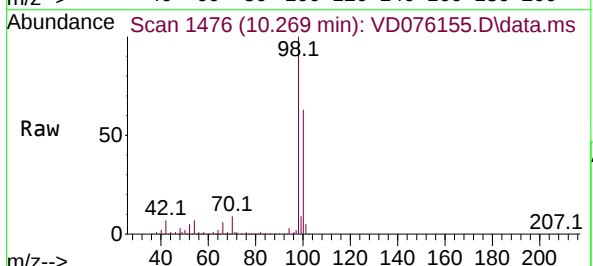
RT: 10.269 min Scan# 1476

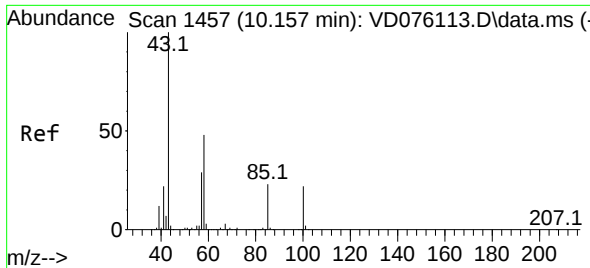
Delta R.T. -0.000 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

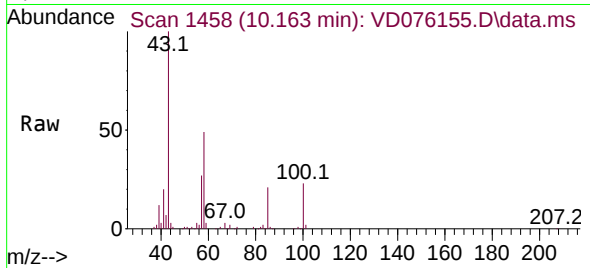
Tgt Ion: 98 Resp: 424198
 Ion Ratio Lower Upper
 98 100
 100 62.6 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 99.678 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

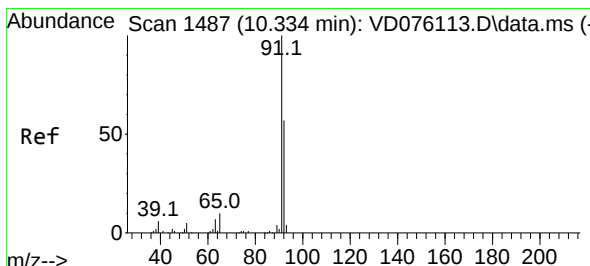
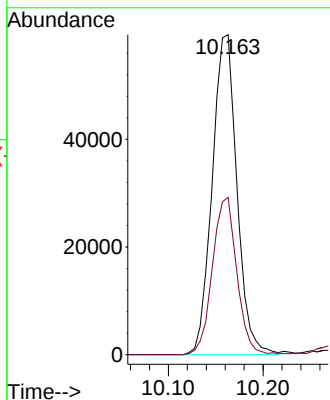
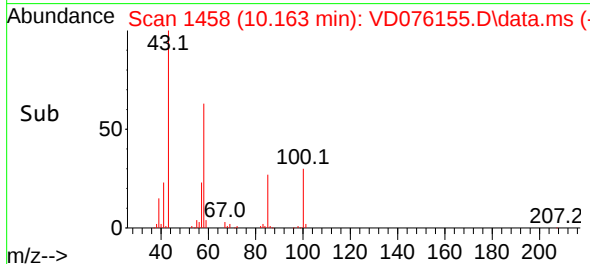
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion: 43 Resp: 107938
Ion Ratio Lower Upper
43 100
58 48.5 29.5 44.3

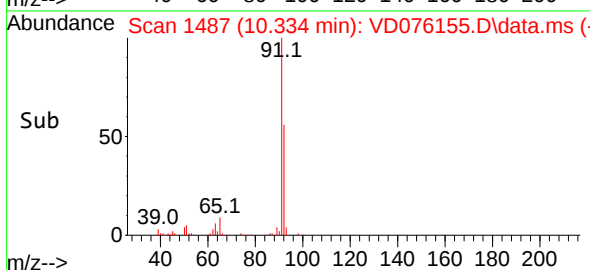
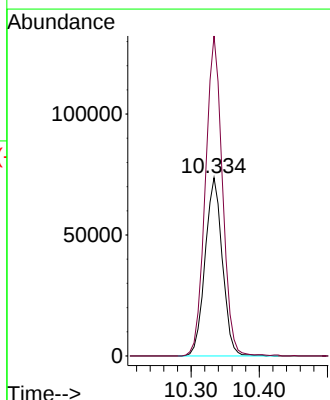
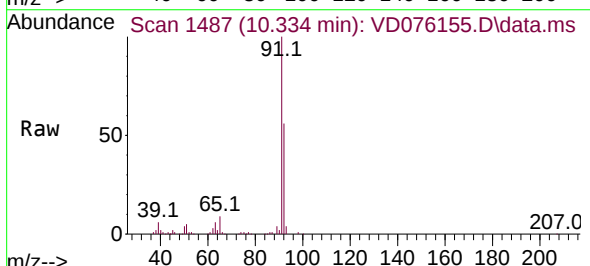
Manual Integrations
APPROVED

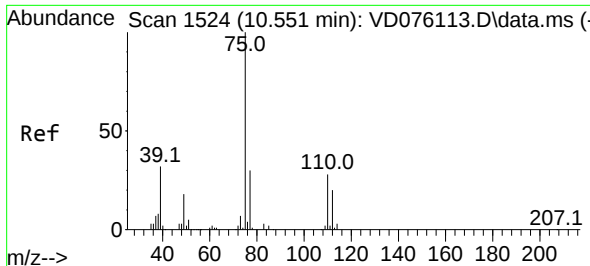
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#52
Toluene
Concen: 20.563 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

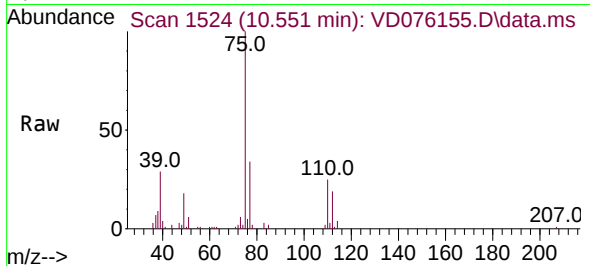
Tgt Ion: 92 Resp: 129967
Ion Ratio Lower Upper
92 100
91 177.1 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 19.744 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

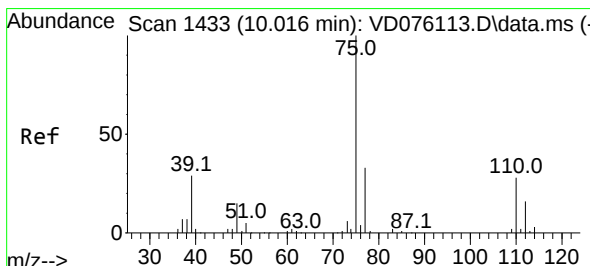
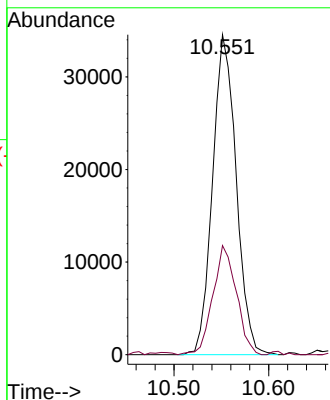
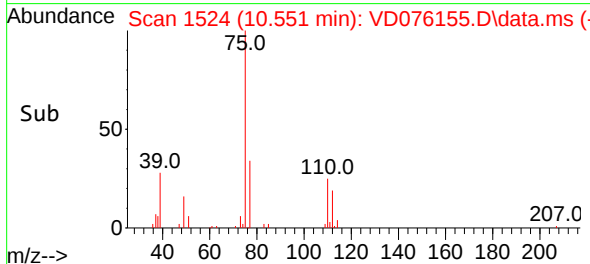
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



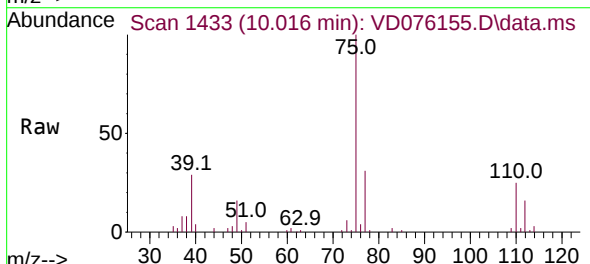
Tgt Ion: 75 Resp: 59838
Ion Ratio Lower Upper
75 100
77 34.1 26.3 39.5

Manual Integrations
APPROVED

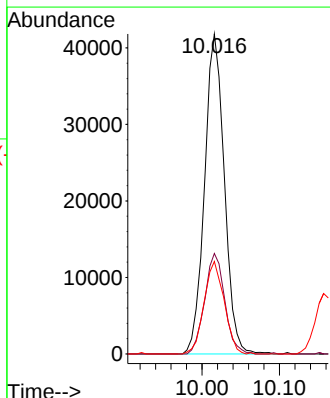
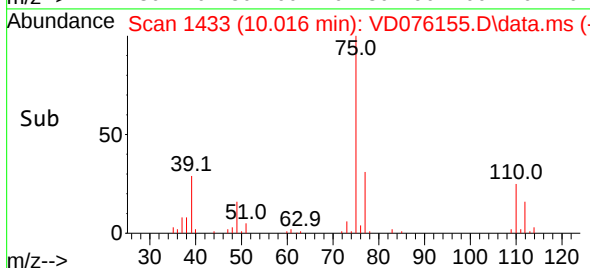
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

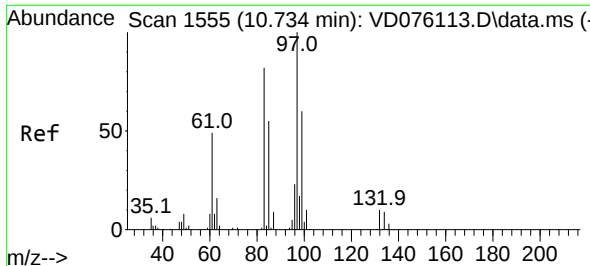


#54
cis-1,3-Dichloropropene
Concen: 20.087 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



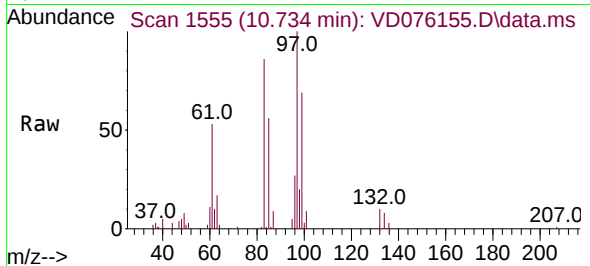
Tgt Ion: 75 Resp: 74292
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 28.9 44.8 67.2#





#55
1,1,2-Trichloroethane
Concen: 20.391 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

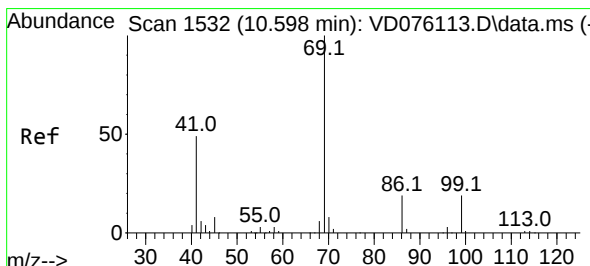
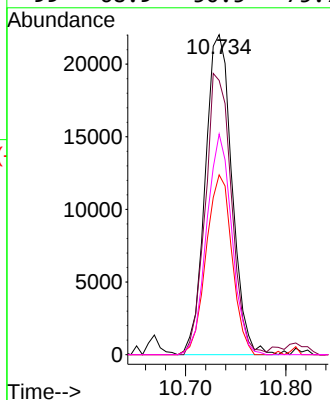
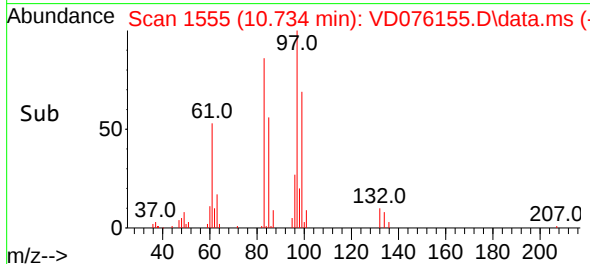
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	74.2	111.4
85	56.2	45.4	68.0
99	68.9	50.5	75.7

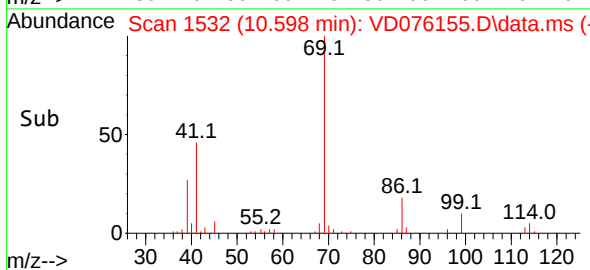
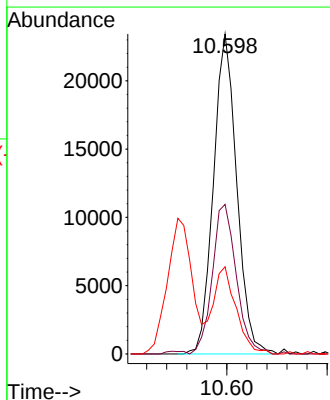
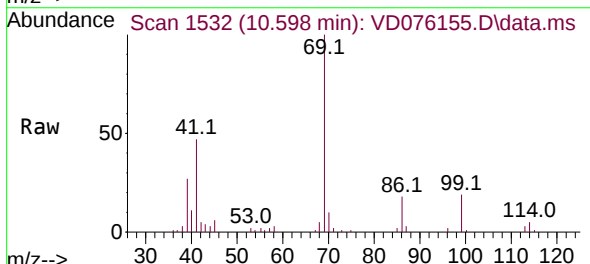
Manual Integrations
APPROVED

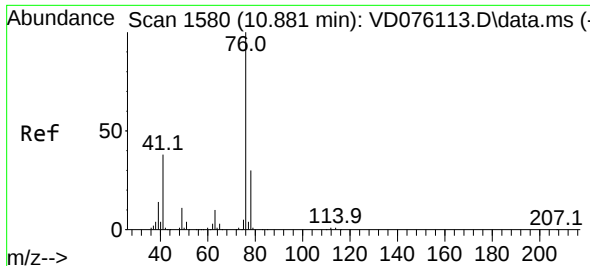
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#56
Ethyl methacrylate
Concen: 18.717 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Tgt Ion	Ratio	Lower	Upper
69	100		
41	48.1	59.3	88.9#
39	27.5	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 19.721 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

Tgt Ion: 76 Resp: 62078

Ion Ratio Lower Upper

76 100

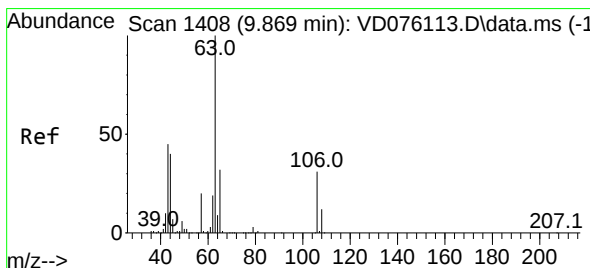
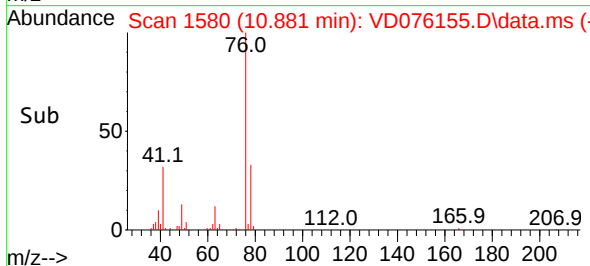
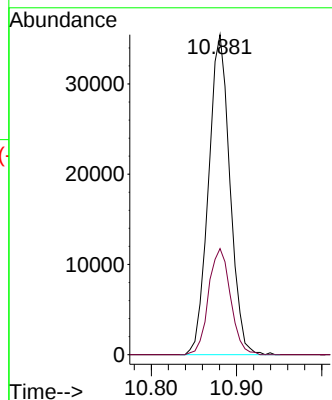
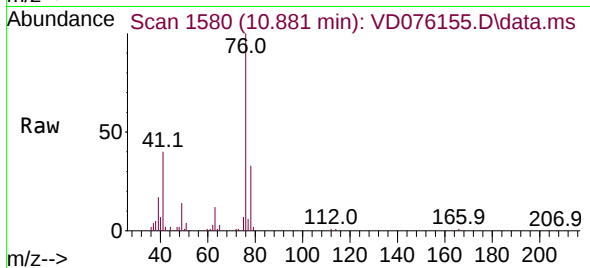
78 34.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.230 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076155.D

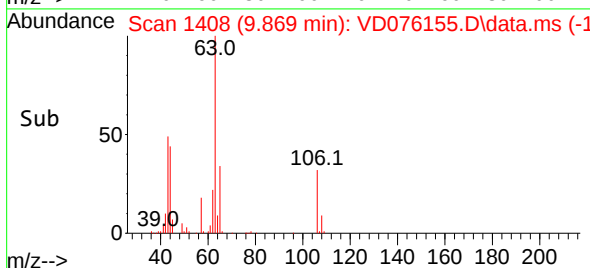
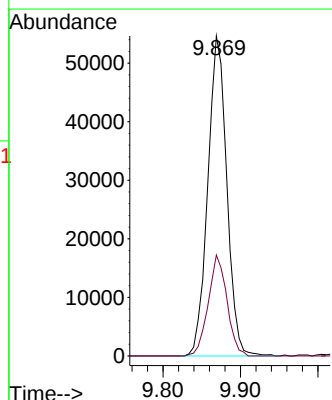
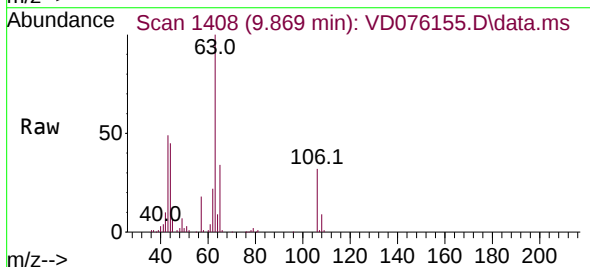
Acq: 19 May 2023 14:13

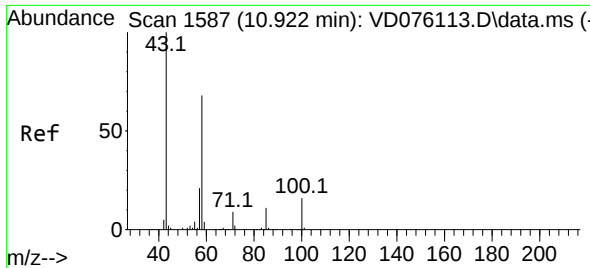
Tgt Ion: 63 Resp: 93114

Ion Ratio Lower Upper

63 100

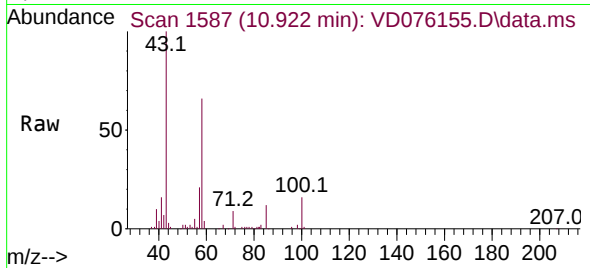
106 31.0 21.4 32.2





#59
2-Hexanone
Concen: 102.859 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

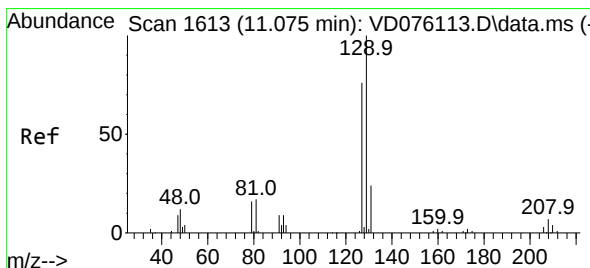
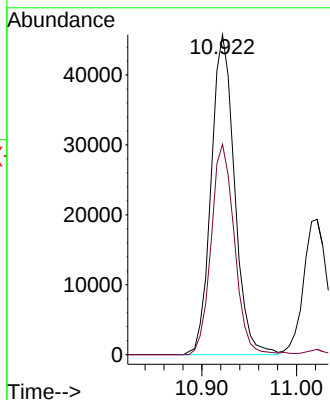
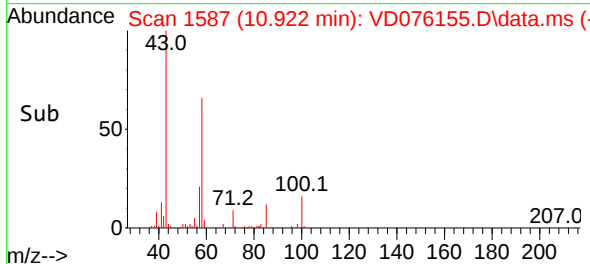
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion: 43 Resp: 78550
Ion Ratio Lower Upper
43 100
58 65.6 25.3 75.8

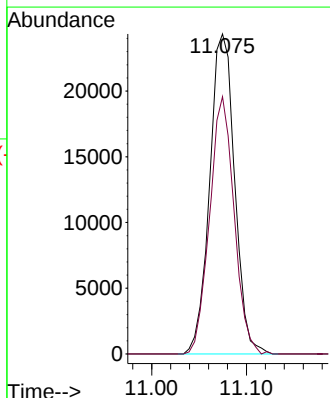
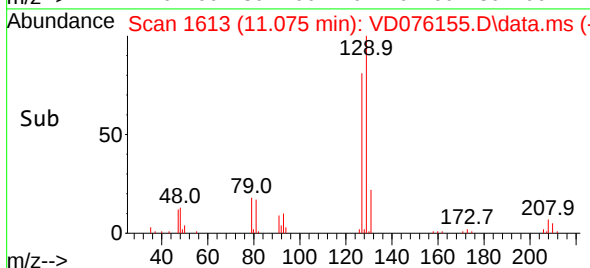
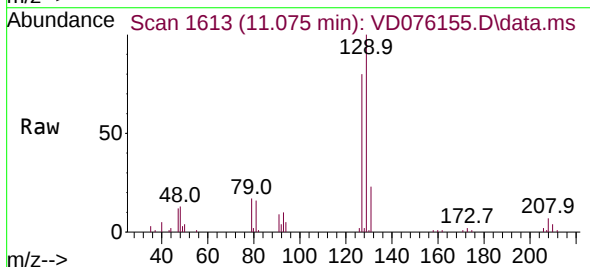
Manual Integrations
APPROVED

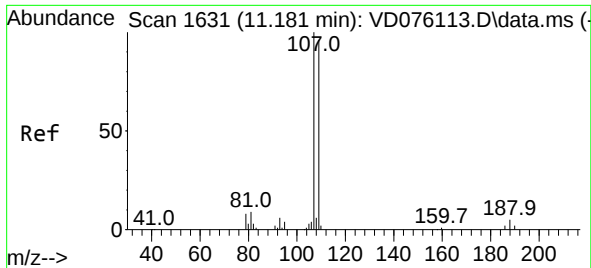
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#60
Dibromochloromethane
Concen: 19.749 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

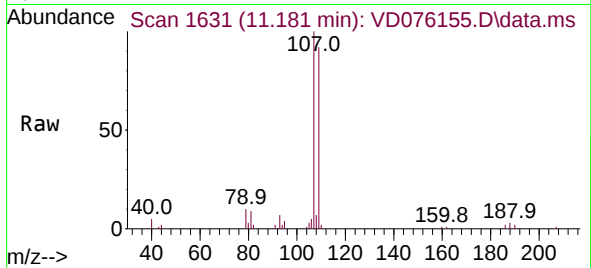
Tgt Ion:129 Resp: 44553
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.5





#61
1,2-Dibromoethane
Concen: 20.596 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

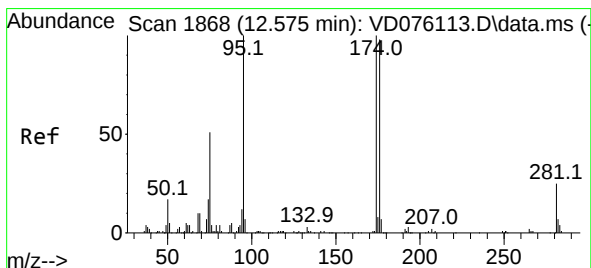
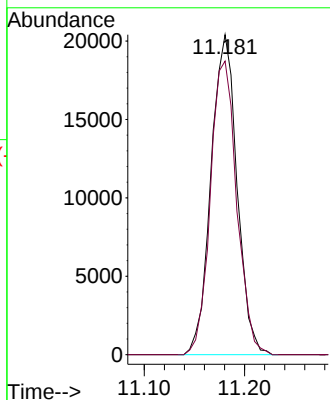
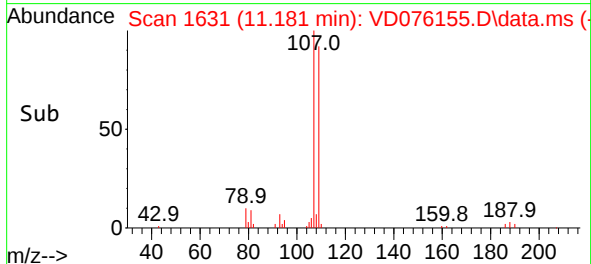
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



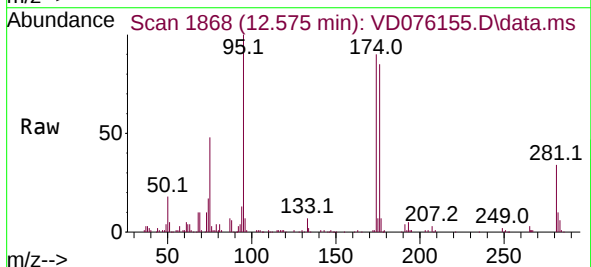
Tgt Ion:107 Resp: 36759
Ion Ratio Lower Upper
107 100
109 93.0 73.6 110.4

Manual Integrations
APPROVED

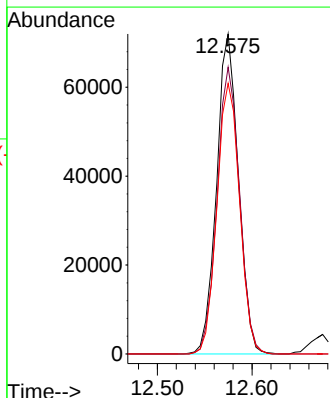
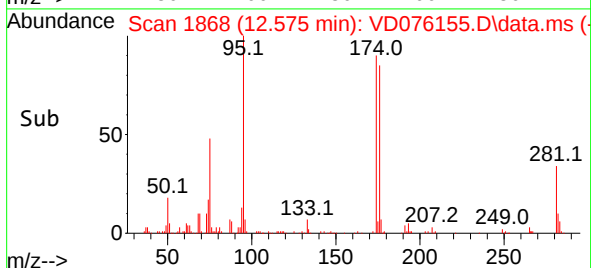
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

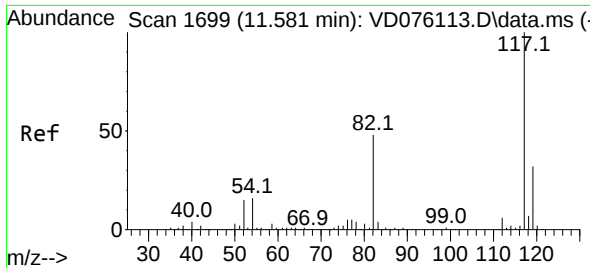


#62
4-Bromofluorobenzene
Concen: 45.868 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



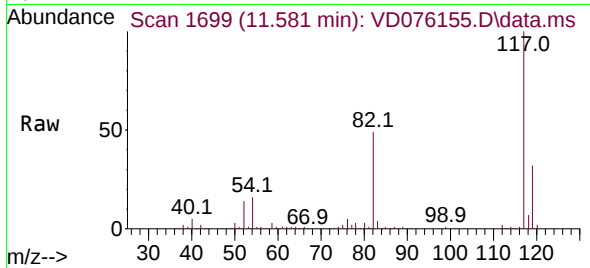
Tgt Ion: 95 Resp: 115760
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 87.5 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

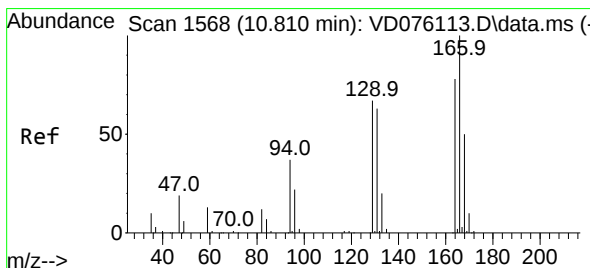
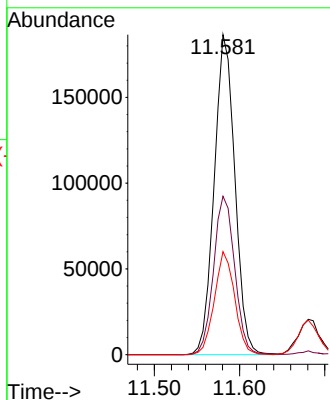
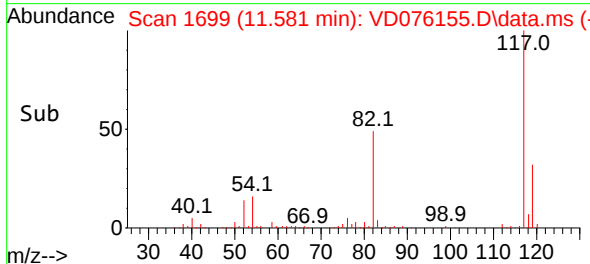
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



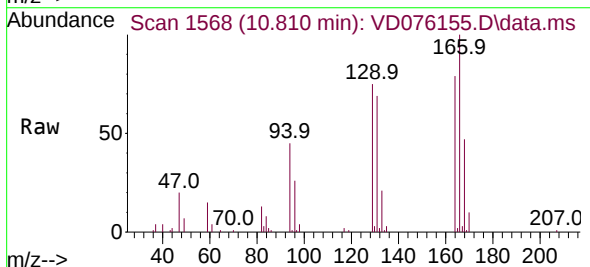
Tgt Ion:117 Resp: 31498
Ion Ratio Lower Upper
117 100
82 49.5 44.0 66.0
119 32.2 25.1 37.7

Manual Integrations
APPROVED

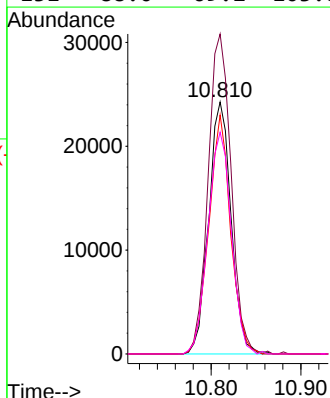
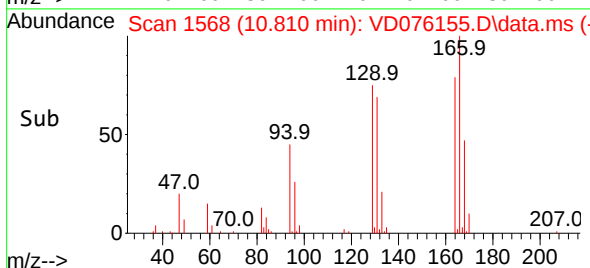
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

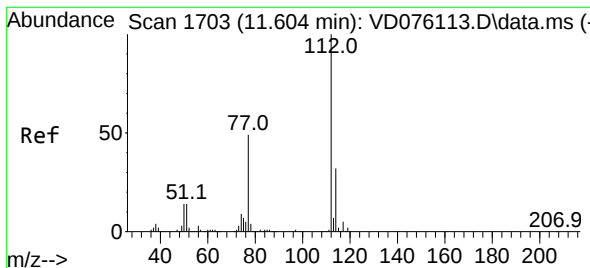


#64
Tetrachloroethene
Concen: 17.432 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



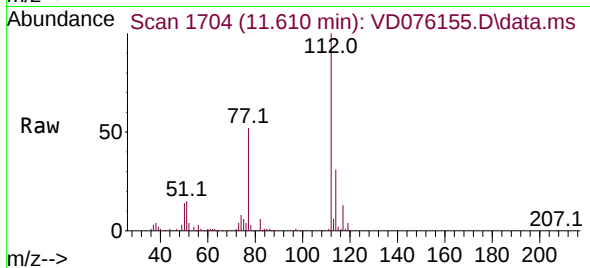
Tgt Ion:164 Resp: 42222
Ion Ratio Lower Upper
164 100
166 127.0 94.9 142.3
129 94.8 73.0 109.6
131 88.0 69.2 103.8





#65
Chlorobenzene
Concen: 19.146 ug/l
RT: 11.610 min Scan# 11610
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

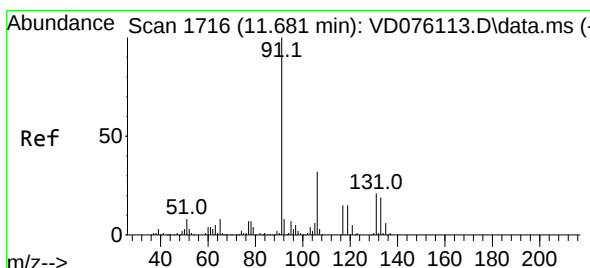
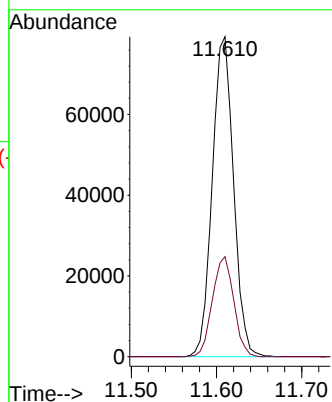
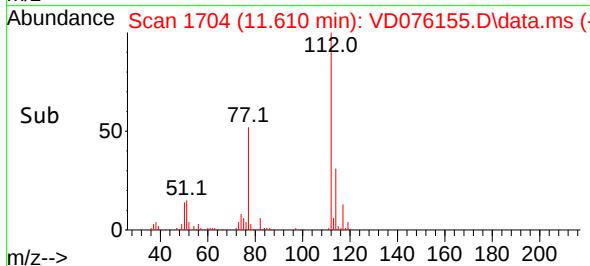
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



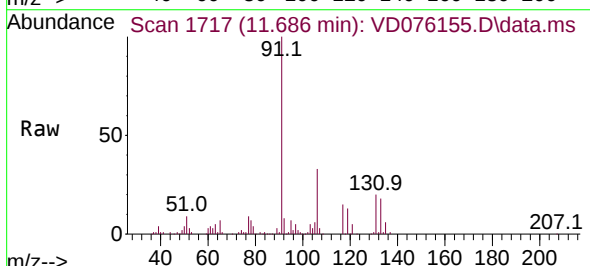
Tgt Ion:112 Resp: 13729
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8

Manual Integrations
APPROVED

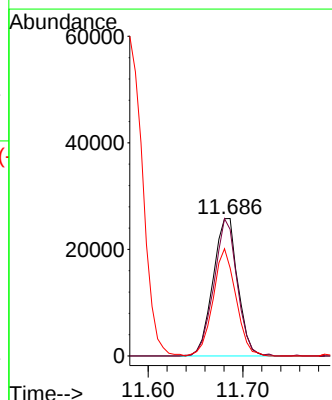
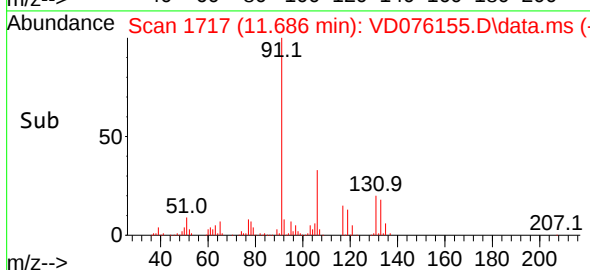
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

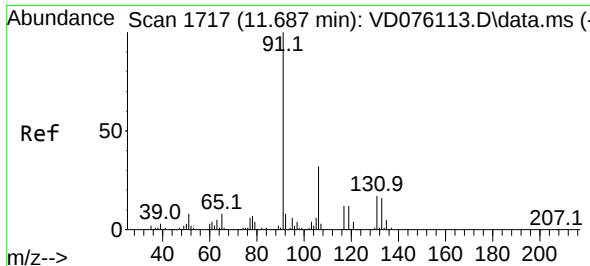


#66
1,1,1,2-Tetrachloroethane
Concen: 18.964 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. 0.005 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



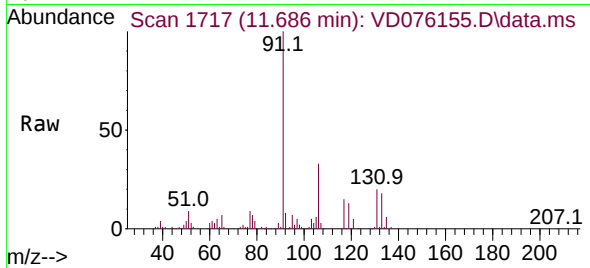
Tgt Ion:131 Resp: 46798
Ion Ratio Lower Upper
131 100
133 93.6 46.7 140.0
119 72.3 31.9 95.9





#67
Ethyl Benzene
Concen: 18.906 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

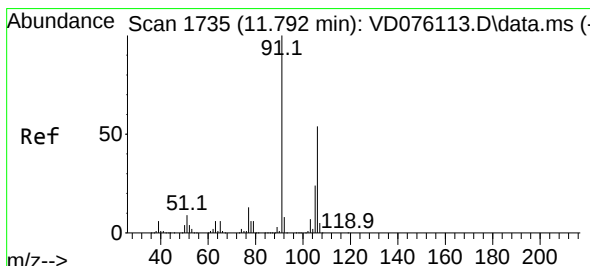
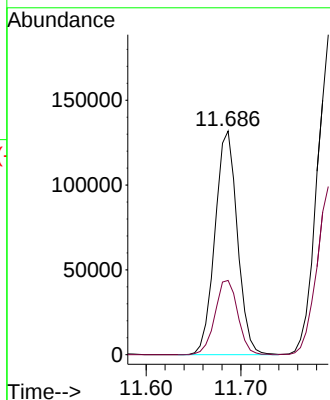
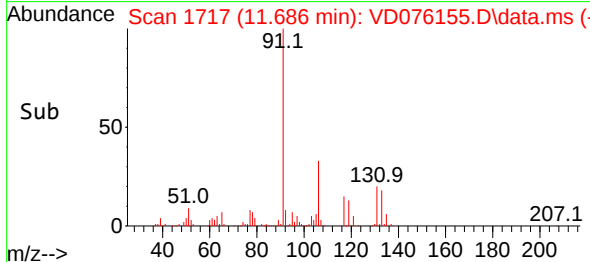
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



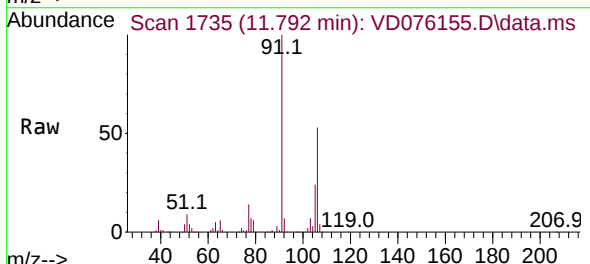
Tgt Ion: 91 Resp: 21663
Ion Ratio Lower Upper
91 100
106 33.2 24.5 36.7

Manual Integrations
APPROVED

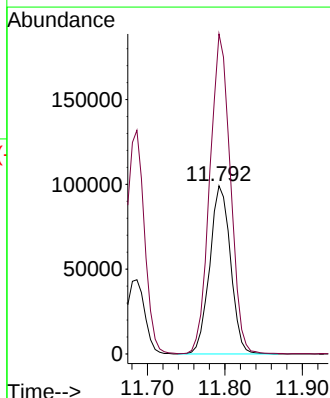
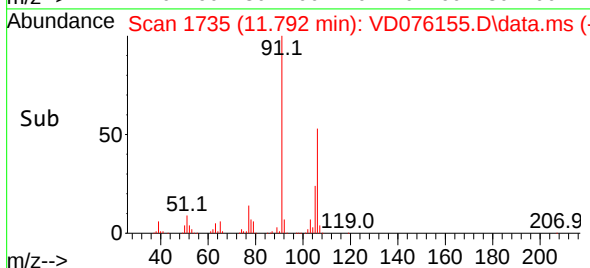
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

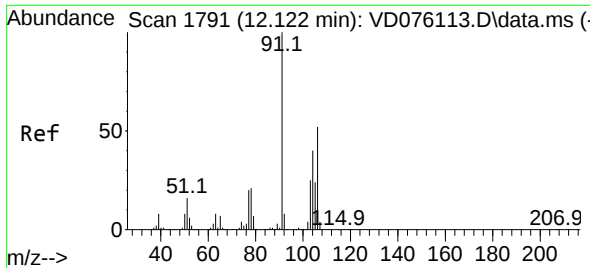


#68
m/p-Xylenes
Concen: 39.465 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



Tgt Ion:106 Resp: 184821
Ion Ratio Lower Upper
106 100
91 188.6 161.5 242.3





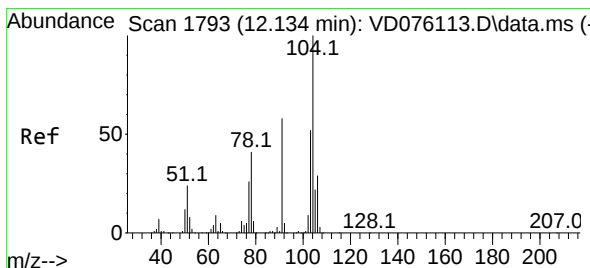
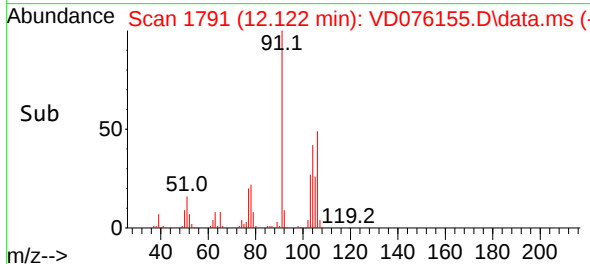
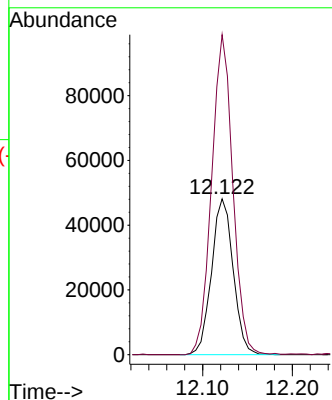
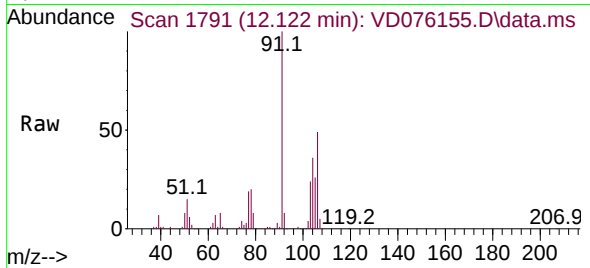
#69
o-Xylene
Concen: 18.867 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion:106 Resp: 8062
Ion Ratio Lower Upper
106 100
91 201.1 105.7 317.1

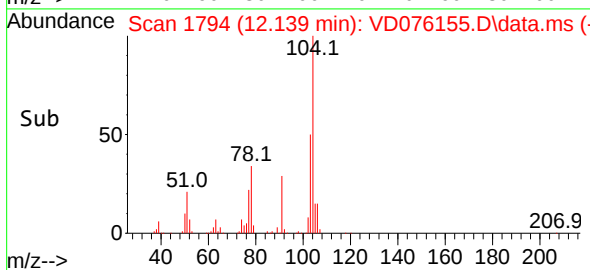
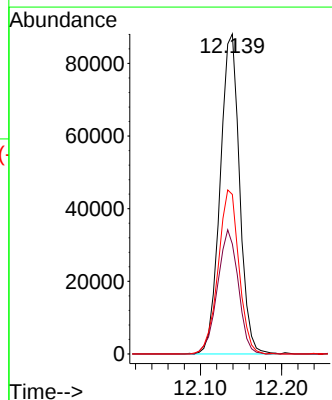
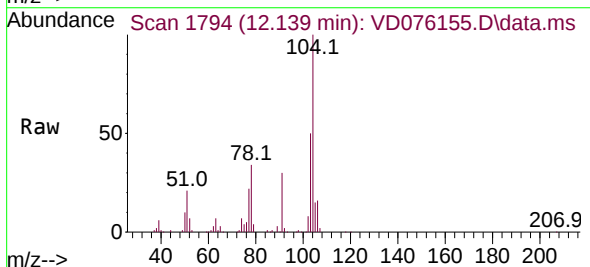
Manual Integrations
APPROVED

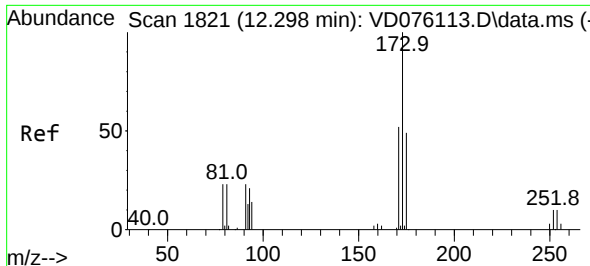
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#70
Styrene
Concen: 19.768 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Tgt Ion:104 Resp: 146454
Ion Ratio Lower Upper
104 100
78 41.4 40.2 60.4
103 54.9 44.2 66.2





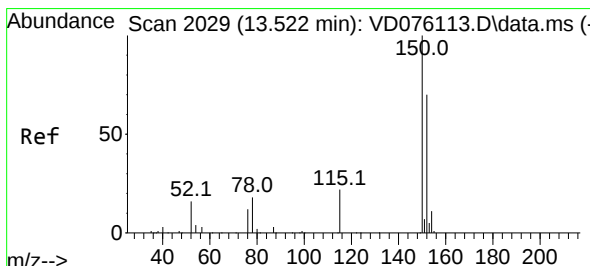
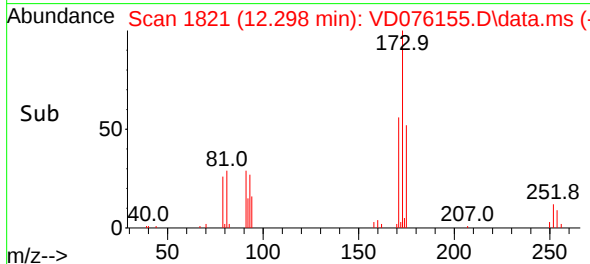
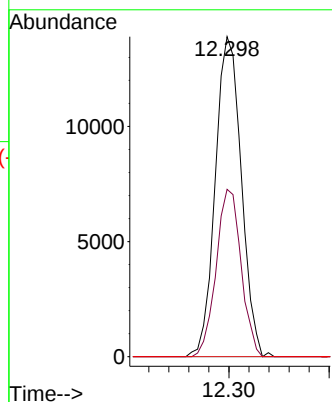
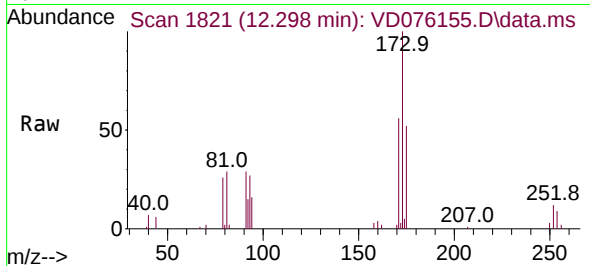
#71
Bromoform
Concen: 18.020 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion:173 Resp: 25014
Ion Ratio Lower Upper
173 100
175 50.1 23.5 70.5
254 0.0 0.0 0.0

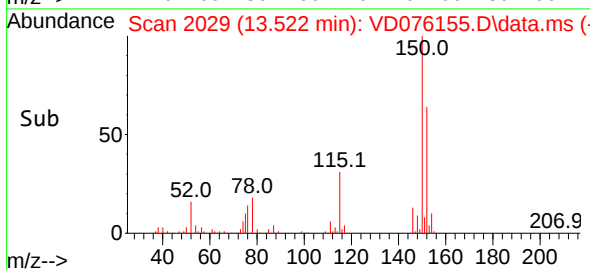
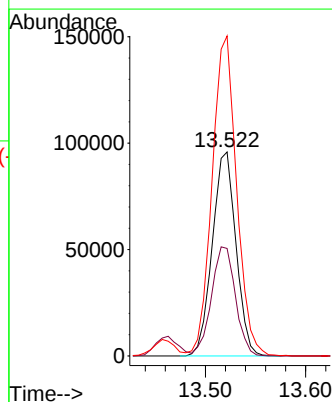
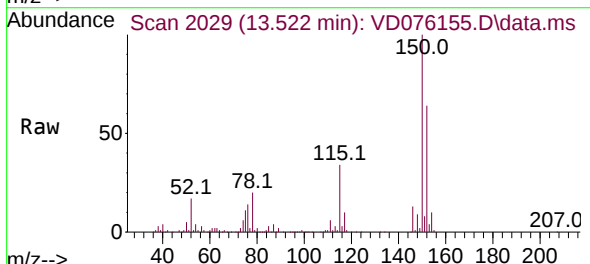
Manual Integrations
APPROVED

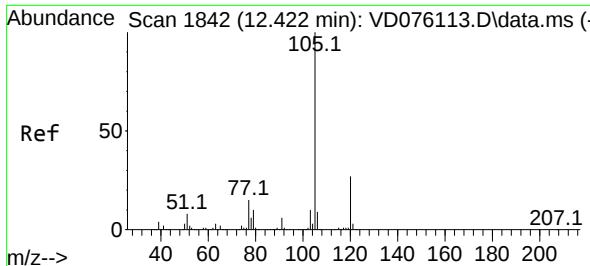
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

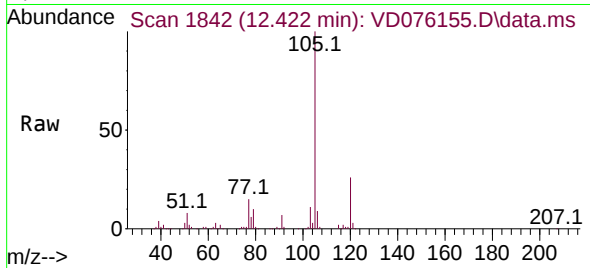
Tgt Ion:152 Resp: 157342
Ion Ratio Lower Upper
152 100
115 54.3 30.1 90.3
150 162.4 0.0 364.8





#73
Isopropylbenzene
Concen: 19.848 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

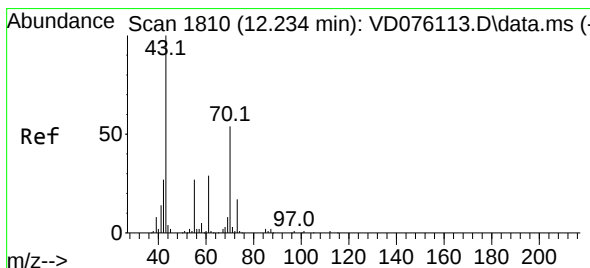
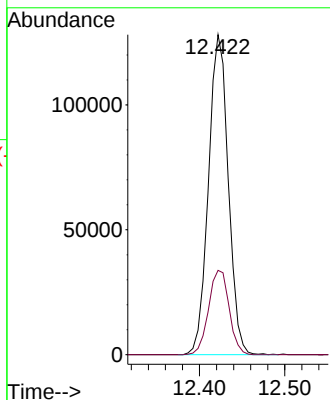
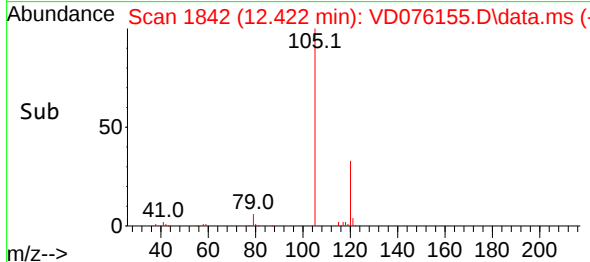
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion:105 Resp: 206590
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1

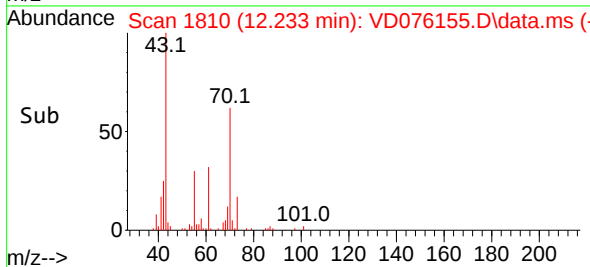
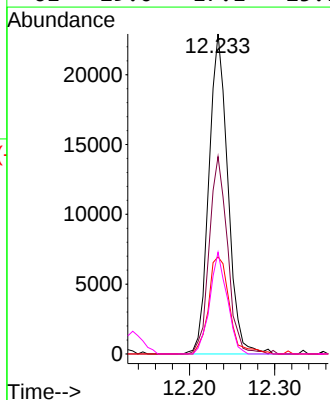
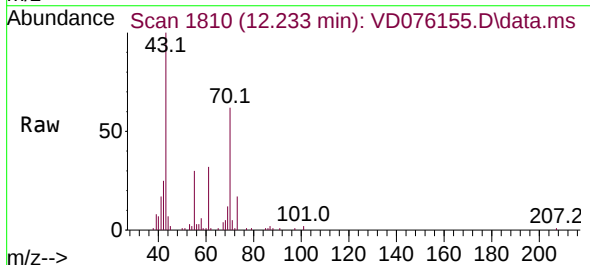
Manual Integrations
APPROVED

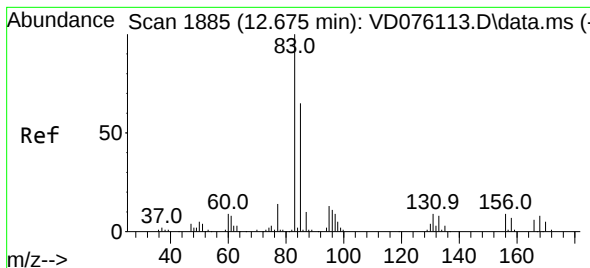
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#74
N-ethyl acetate
Concen: 19.175 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

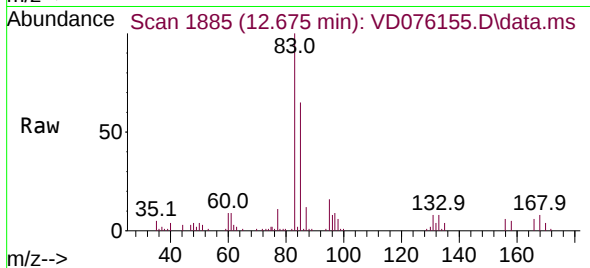
Tgt Ion: 43 Resp: 35549
Ion Ratio Lower Upper
43 100
70 59.4 31.0 46.4#
55 33.4 18.6 28.0#
61 29.0 17.1 25.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.695 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

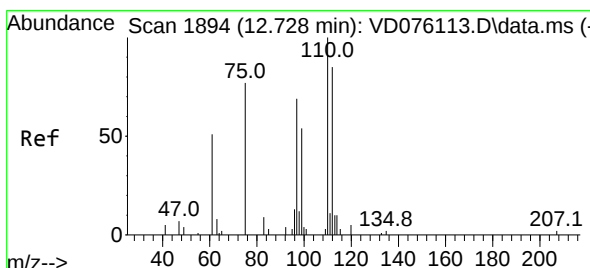
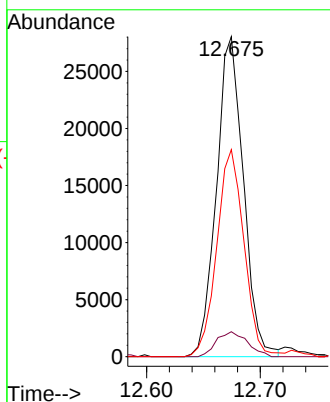
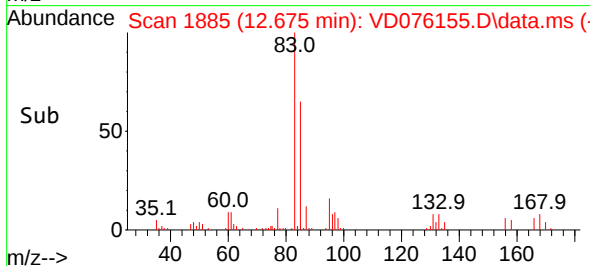
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



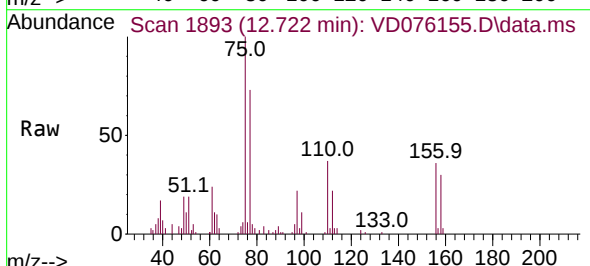
Tgt Ion: 83 Resp: 46290
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.2
85 65.2 33.6 100.6

Manual Integrations
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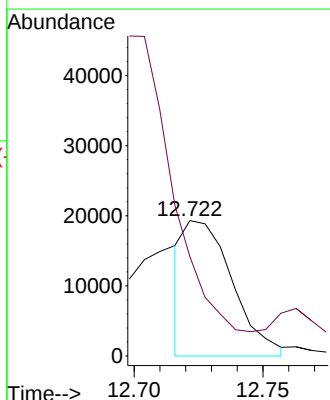
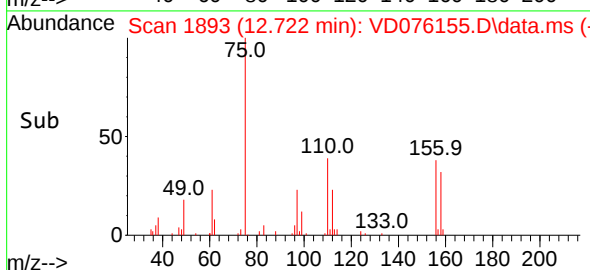
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

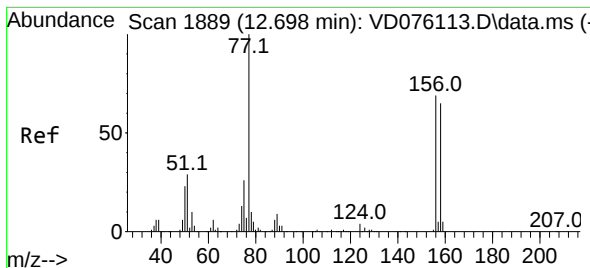


#76
1,2,3-Trichloropropane
Concen: 18.259 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



Tgt Ion: 75 Resp: 25140
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.273 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

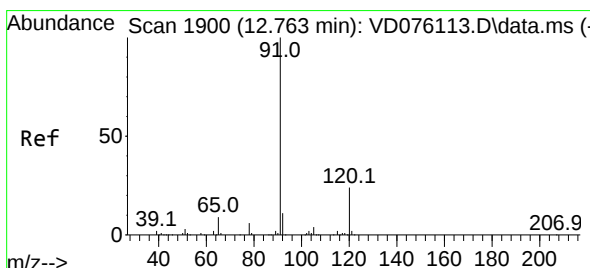
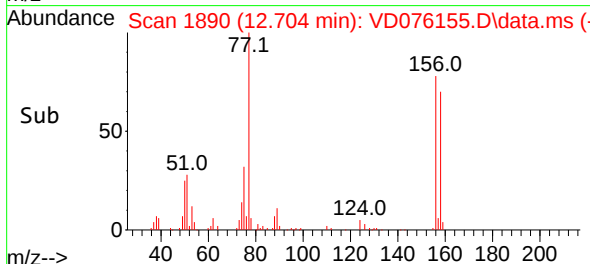
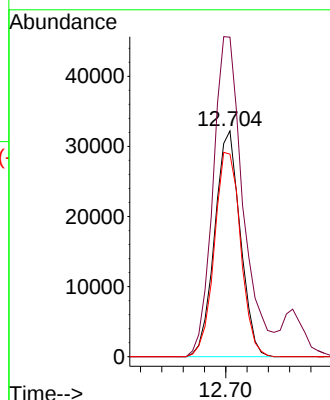
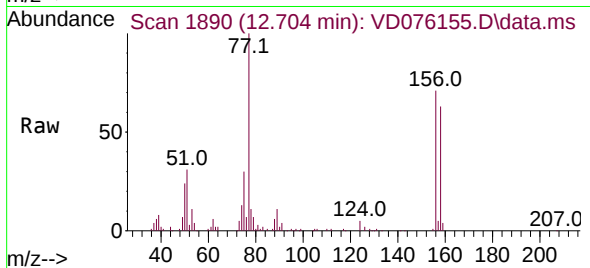
Tgt Ion:	156	Resp:	5376
Ion Ratio	Lower	Upper	
156	100		
77	166.3	89.5	268.6
158	92.8	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#78

n-propylbenzene

Concen: 20.482 ug/l

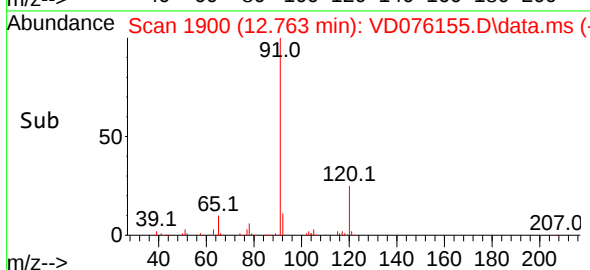
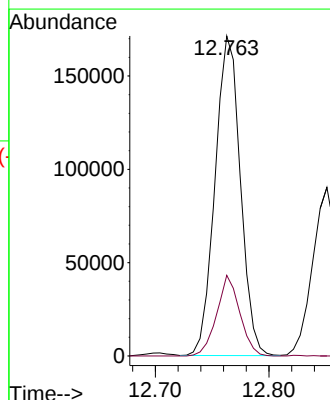
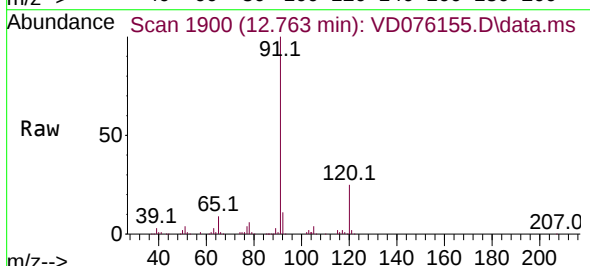
RT: 12.763 min Scan# 1900

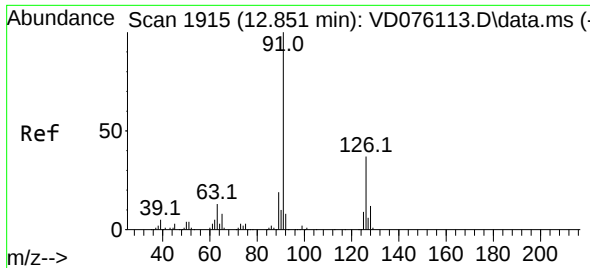
Delta R.T. -0.000 min

Lab File: VD076155.D

Acq: 19 May 2023 14:13

Tgt Ion:	91	Resp:	265349
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.4	34.2





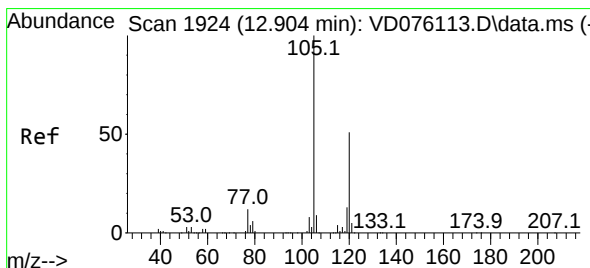
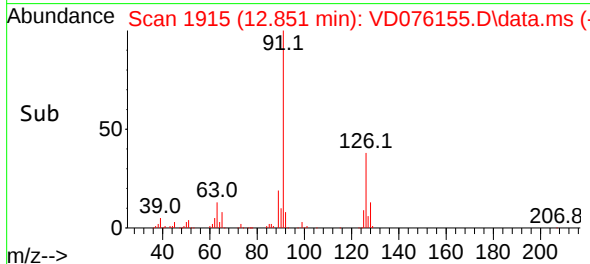
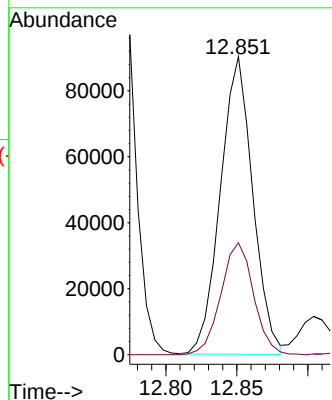
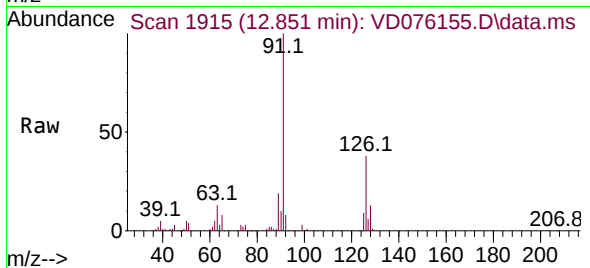
#79
2-Chlorotoluene
Concen: 19.968 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion: 91 Resp: 143172
Ion Ratio Lower Upper
91 100
126 37.9 16.8 50.3

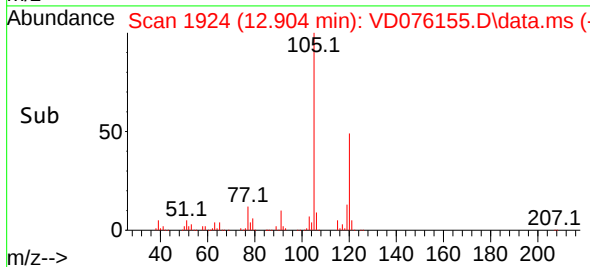
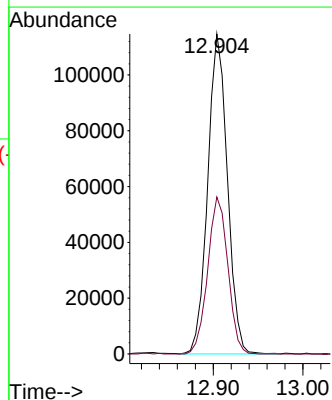
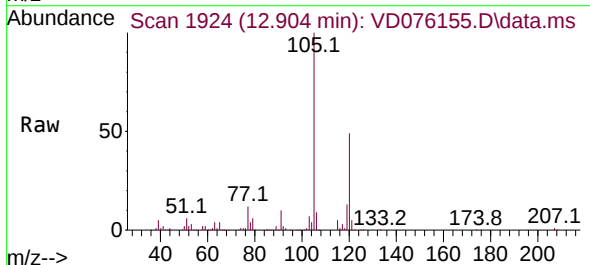
Manual Integrations
APPROVED

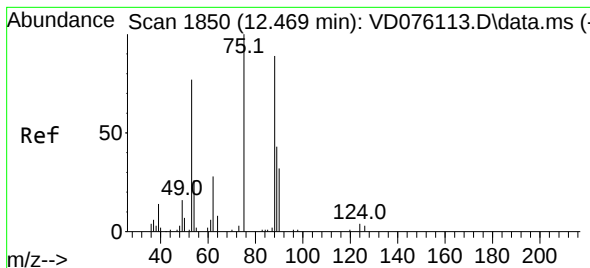
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.259 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

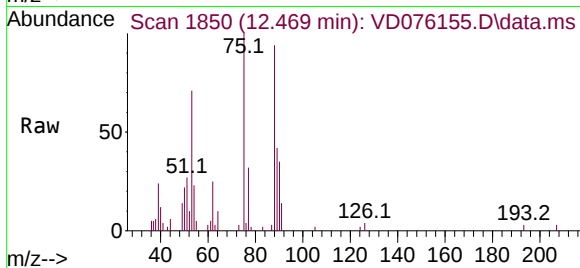
Tgt Ion:105 Resp: 174802
Ion Ratio Lower Upper
105 100
120 50.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.778 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

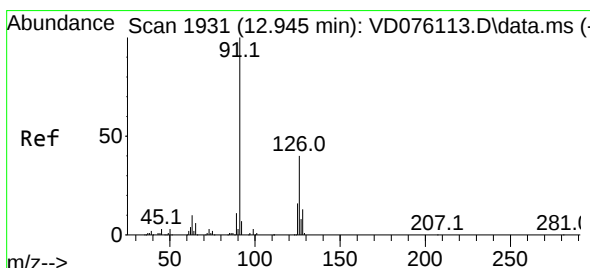
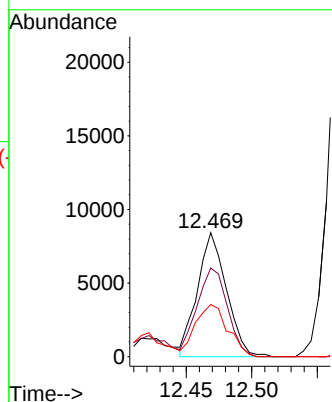
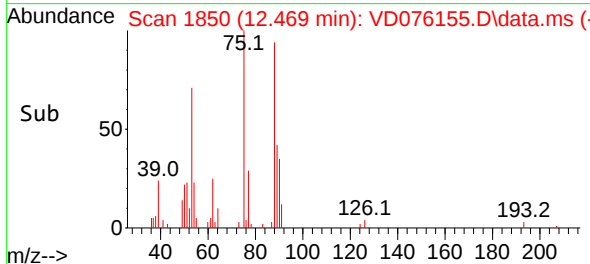
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



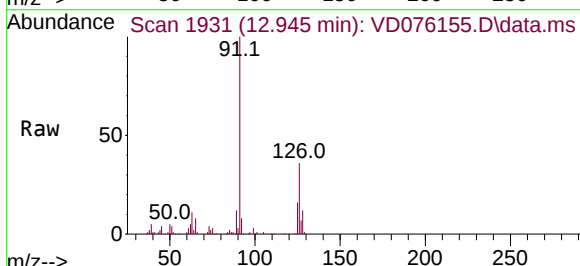
Tgt Ion: 75 Resp: 1298
Ion Ratio Lower Upper
75 100
53 74.7 90.5 135.7
89 46.8 40.2 60.4

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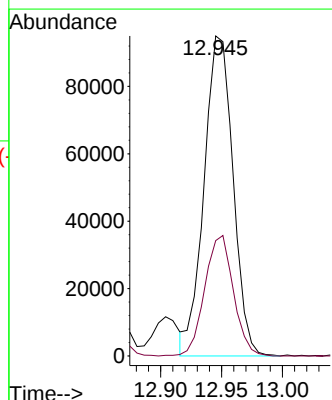
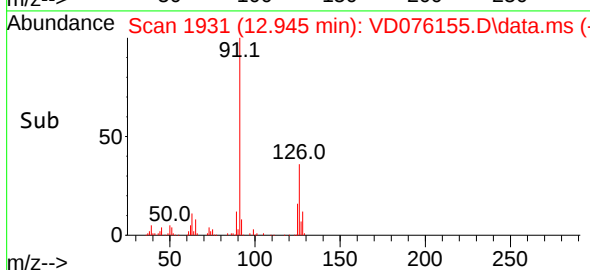
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

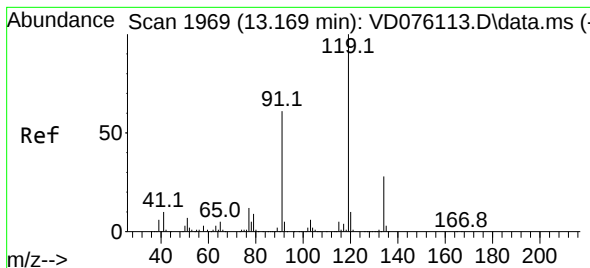


#82
4-Chlorotoluene
Concen: 20.647 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



Tgt Ion: 91 Resp: 157469
Ion Ratio Lower Upper
91 100
126 37.2 17.1 51.2





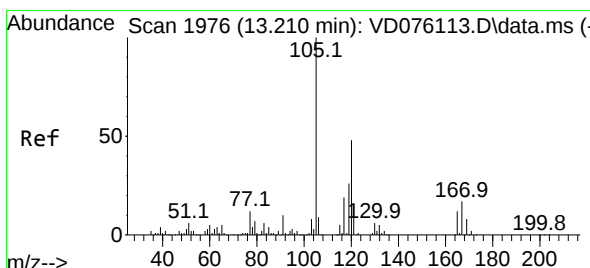
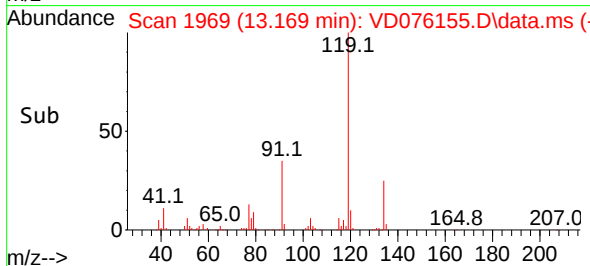
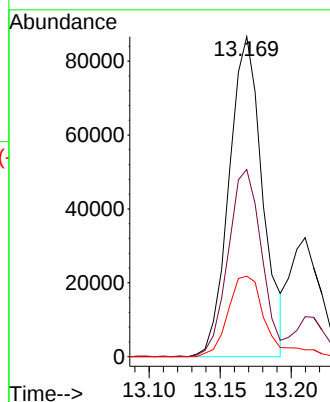
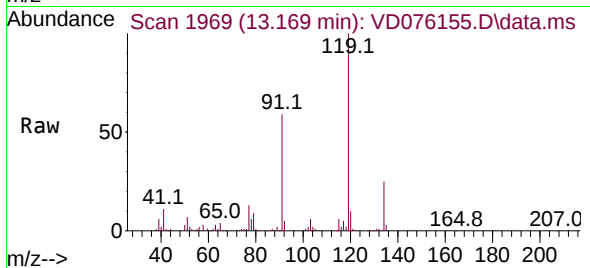
#83
tert-Butylbenzene
Concen: 19.487 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion:119 Resp: 142099
Ion Ratio Lower Upper
119 100
91 58.4 32.4 97.0
134 28.5 13.0 39.0

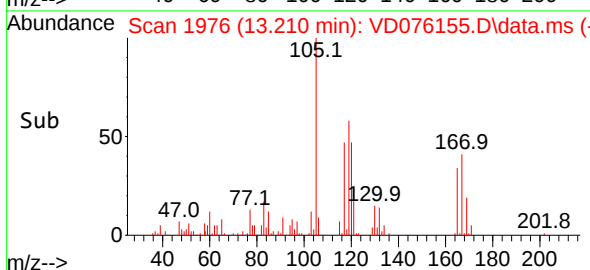
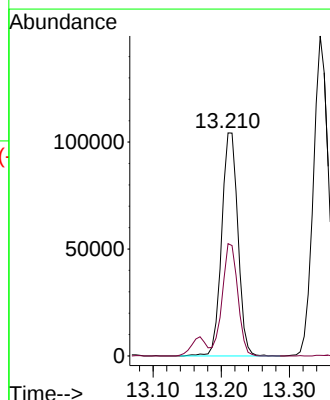
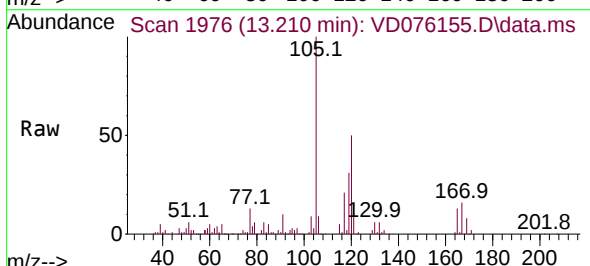
Manual Integrations
APPROVED

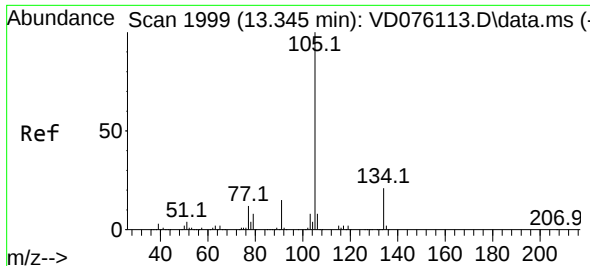
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.105 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

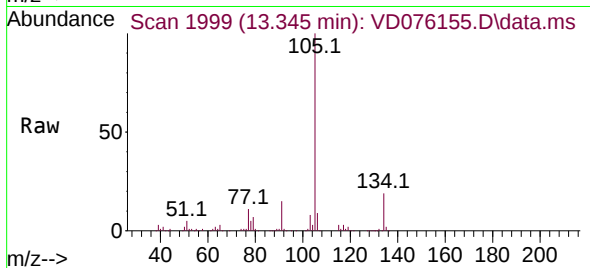
Tgt Ion:105 Resp: 172765
Ion Ratio Lower Upper
105 100
120 48.5 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.179 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076155.D
 Acq: 19 May 2023 14:13

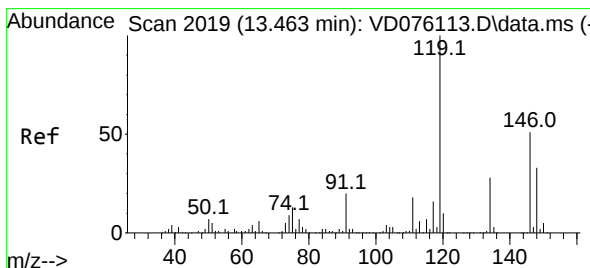
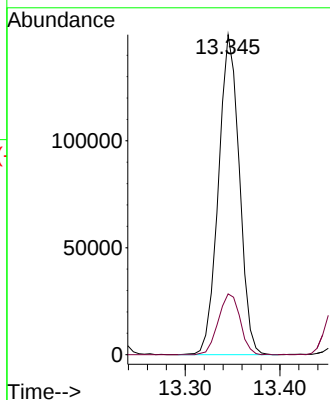
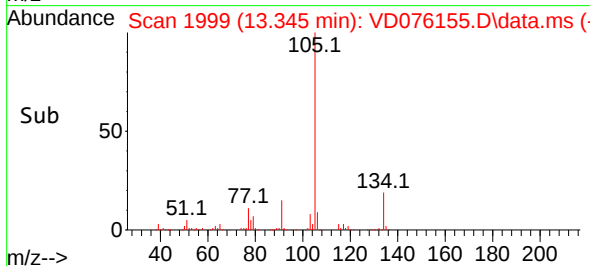
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02



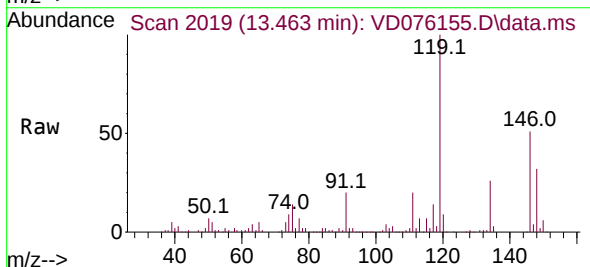
Tgt Ion:105 Resp: 22932
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

Manual Integrations
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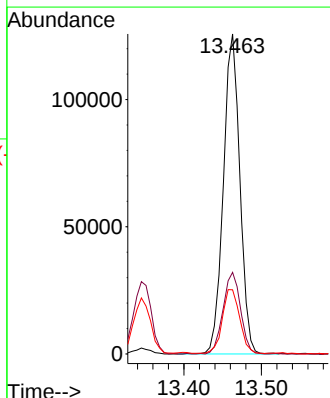
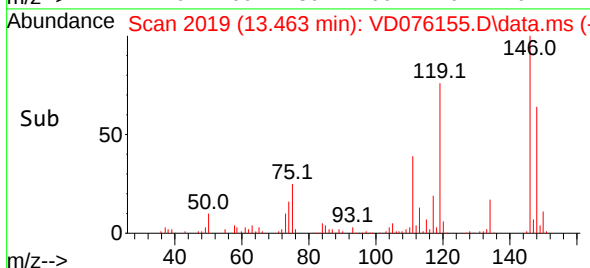
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

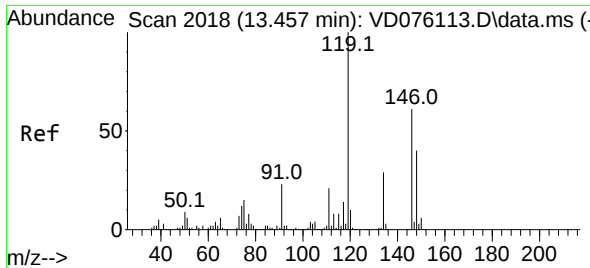


#86
 p-Isopropyltoluene
 Concen: 20.072 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076155.D
 Acq: 19 May 2023 14:13



Tgt Ion:119 Resp: 186648
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 21.1 12.4 37.4





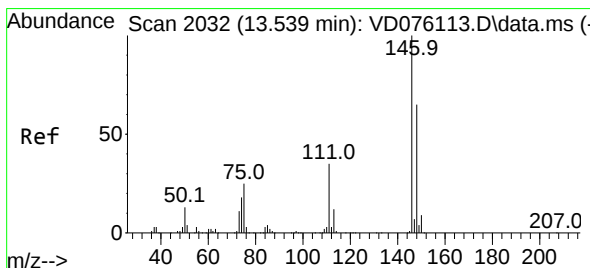
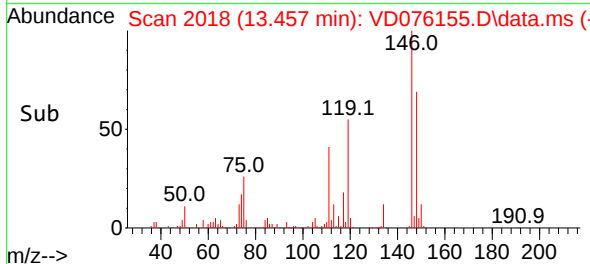
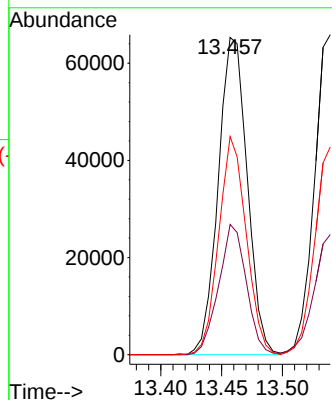
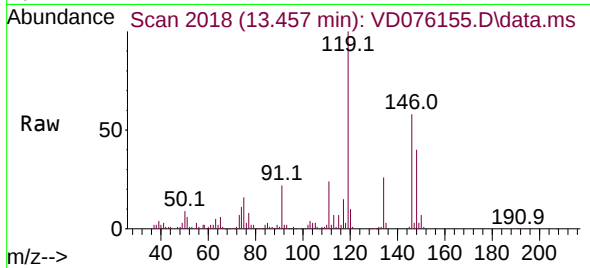
#87
1,3-Dichlorobenzene
Concen: 19.202 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion:146 Resp: 108309
Ion Ratio Lower Upper
146 100
111 39.3 19.8 59.3
148 65.2 31.0 93.0

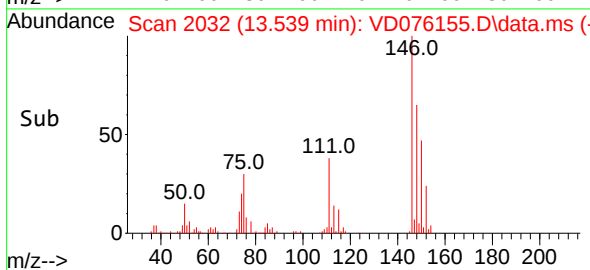
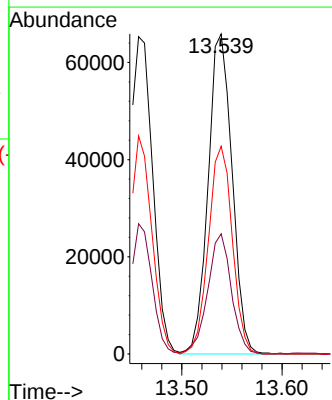
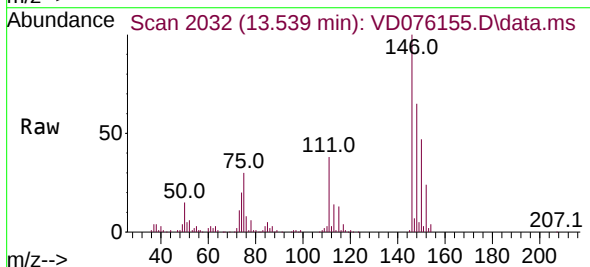
Manual Integrations
APPROVED

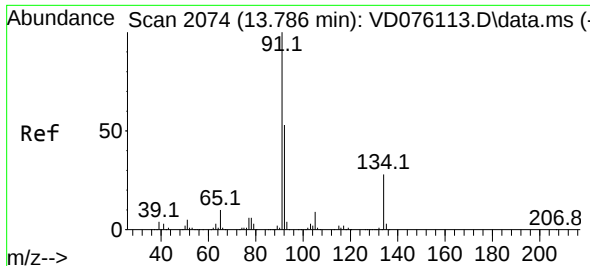
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#88
1,4-Dichlorobenzene
Concen: 19.618 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

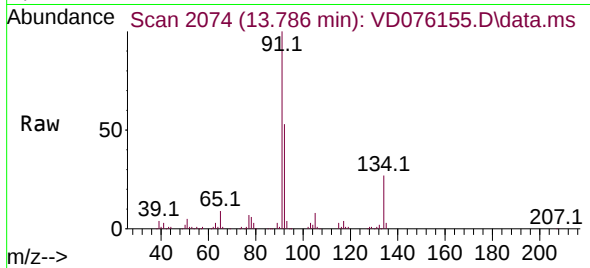
Tgt Ion:146 Resp: 109568
Ion Ratio Lower Upper
146 100
111 37.2 19.6 58.8
148 64.7 31.7 95.1





#89
n-Butylbenzene
Concen: 19.799 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

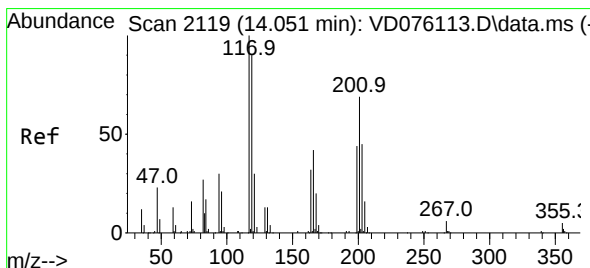
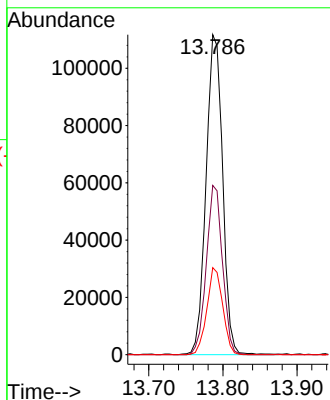
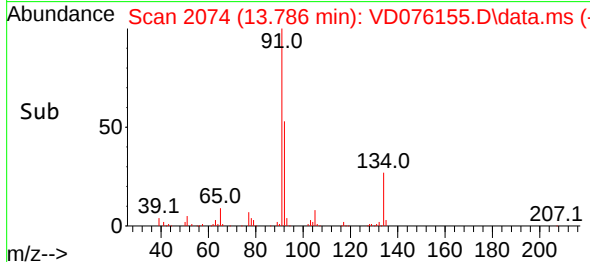
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion: 91 Resp: 173504
Ion Ratio Lower Upper
91 100
92 51.4 26.2 78.5
134 25.9 12.7 38.0

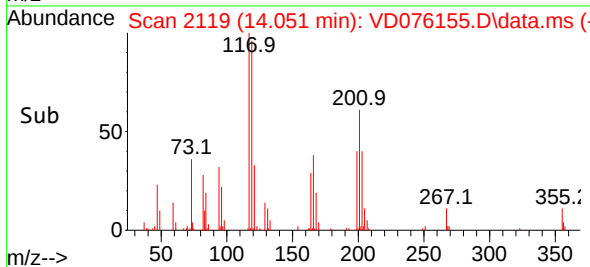
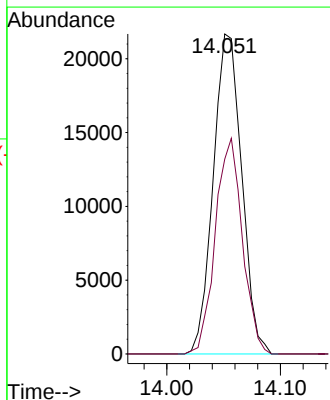
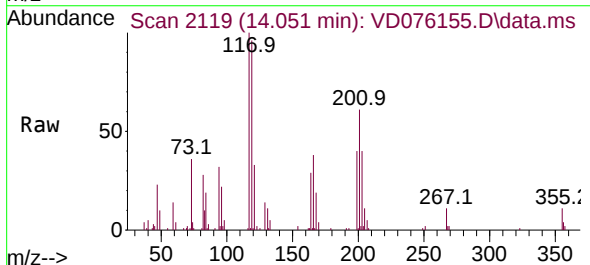
Manual Integrations
APPROVED

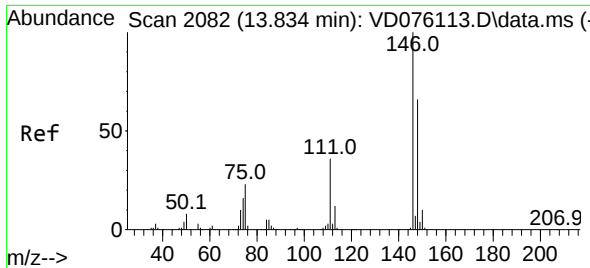
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#90
Hexachloroethane
Concen: 19.753 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Tgt Ion:117 Resp: 37782
Ion Ratio Lower Upper
117 100
201 64.0 34.5 103.6





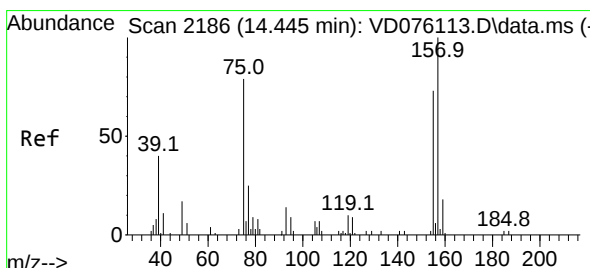
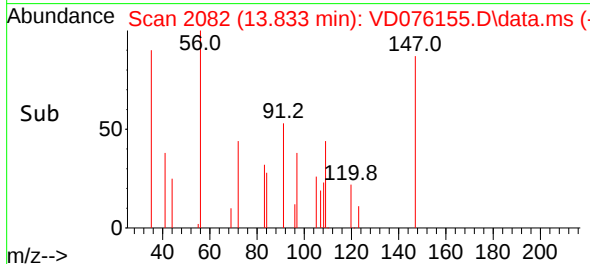
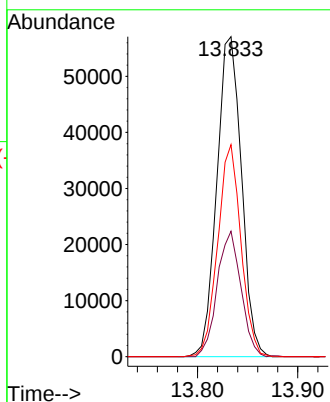
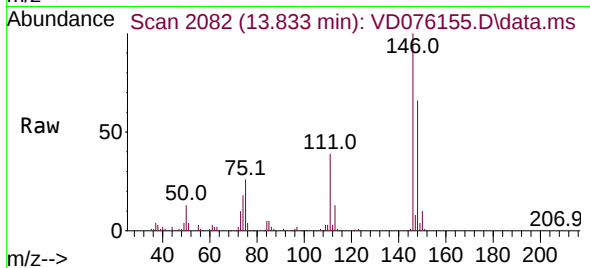
#91
1,2-Dichlorobenzene
Concen: 19.646 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion:146 Resp: 9724
Ion Ratio Lower Upper
146 100
111 37.8 20.6 61.8
148 62.5 32.0 96.2

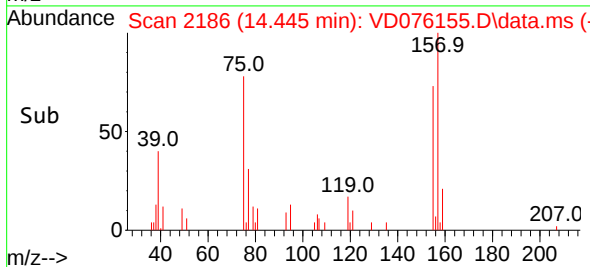
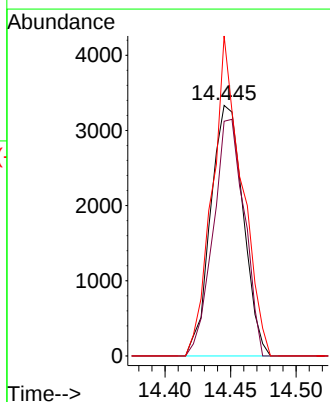
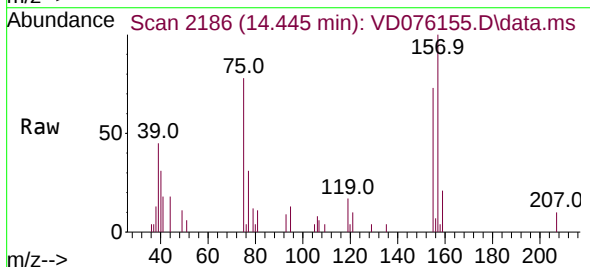
Manual Integrations
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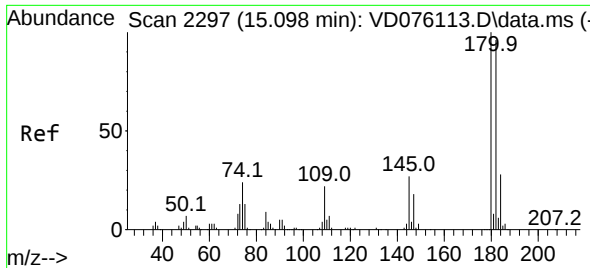
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.741 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

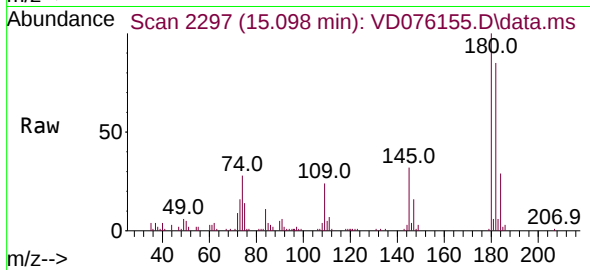
Tgt Ion: 75 Resp: 5734
Ion Ratio Lower Upper
75 100
155 90.7 39.5 118.5
157 115.5 53.5 160.7





#93
1,2,4-Trichlorobenzene
Concen: 17.334 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

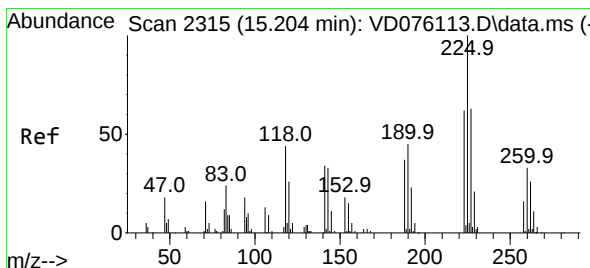
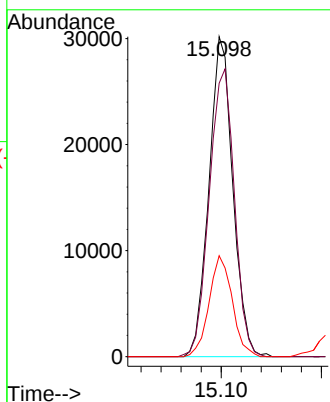
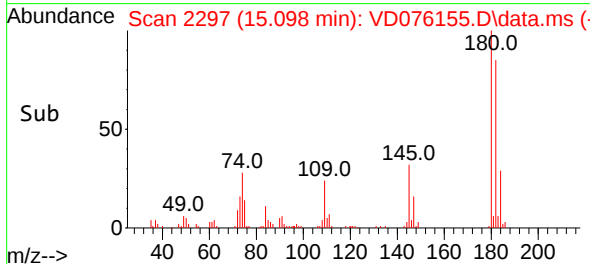
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



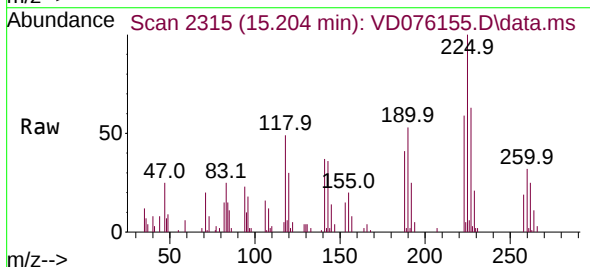
Tgt Ion:180 Resp: 49909
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.7
145 30.7 15.9 47.7

Manual Integrations
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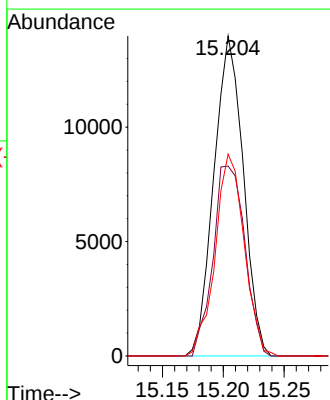
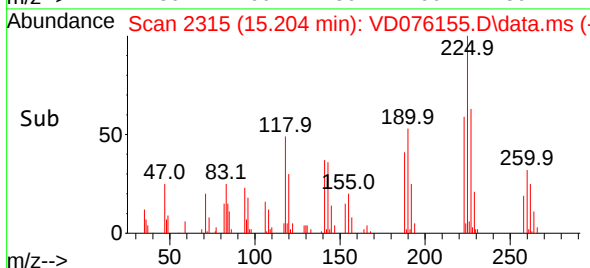
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

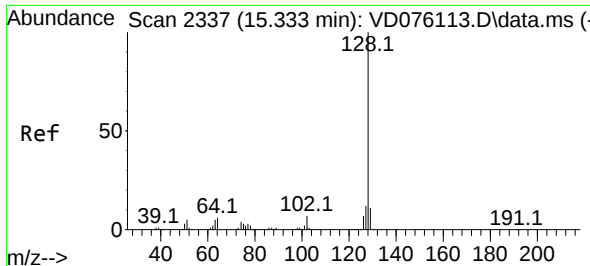


#94
Hexachlorobutadiene
Concen: 15.990 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



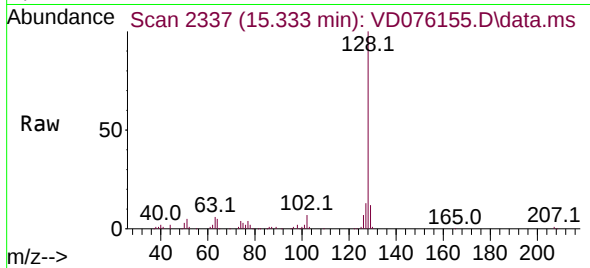
Tgt Ion:225 Resp: 23474
Ion Ratio Lower Upper
225 100
223 64.5 33.1 99.2
227 62.5 31.9 95.9





#95
Naphthalene
Concen: 18.143 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13

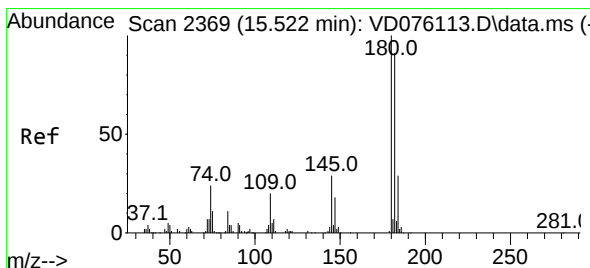
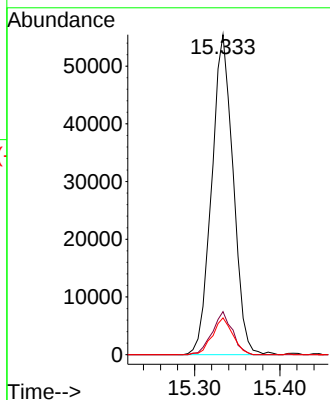
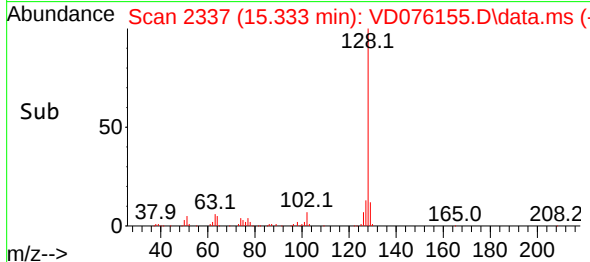
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



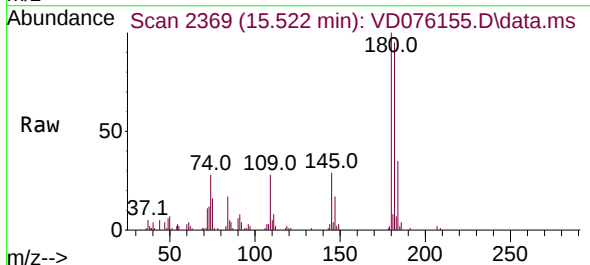
Tgt Ion:128 Resp: 97064
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.535 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.007 min
Lab File: VD076155.D
Acq: 19 May 2023 14:13



Tgt Ion:180 Resp: 43299
Ion Ratio Lower Upper
180 100
182 97.5 47.7 143.1
145 29.5 16.4 49.4

