

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076172.D
 Acq On : 22 May 2023 12:53
 Operator : KP/SY
 Sample : VD0522SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

Quant Time: May 22 14:21:58 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	212861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	372238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	344943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	175564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	94357	45.866	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.740%		
35) Dibromofluoromethane	7.804	113	113173	43.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.980%		
50) Toluene-d8	10.269	98	440168	43.885	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.760%		
62) 4-Bromofluorobenzene	12.575	95	125791	45.147	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	38466	20.037	ug/l	98
3) Chloromethane	2.146	50	73405	20.678	ug/l	96
4) Vinyl Chloride	2.281	62	92726	22.396	ug/l	99
5) Bromomethane	2.675	94	63198	22.672	ug/l	96
6) Chloroethane	2.828	64	63428	22.771	ug/l	99
7) Trichlorofluoromethane	3.169	101	71201	20.289	ug/l	100
8) Diethyl Ether	3.587	74	22374	19.387	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.969	101	47082	20.368	ug/l	94
10) Methyl Iodide	4.158	142	53520	22.268	ug/l	89
11) Tert butyl alcohol	5.057	59	9975	91.661	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	45856	19.932	ug/l	89
13) Acrolein	3.793	56	20567	77.221	ug/l	94
14) Allyl chloride	4.558	41	46357	19.854	ug/l #	78
15) Acrylonitrile	5.257	53	46016	96.301	ug/l	96
16) Acetone	4.016	43	38016	92.877	ug/l #	71
17) Carbon Disulfide	4.263	76	134252	19.878	ug/l	99
18) Methyl Acetate	4.558	43	27102	18.562	ug/l #	73
19) Methyl tert-butyl Ether	5.322	73	87165	19.358	ug/l	91
20) Methylene Chloride	4.799	84	78018	18.000	ug/l #	76
21) trans-1,2-Dichloroethene	5.310	96	50498	19.045	ug/l #	82
22) Diisopropyl ether	6.210	45	109313	20.170	ug/l #	96
23) Vinyl Acetate	6.157	43	247636	116.212	ug/l #	93
24) 1,1-Dichloroethane	6.104	63	86394	20.213	ug/l #	94
25) 2-Butanone	7.081	43	48494	94.225	ug/l #	69
26) 2,2-Dichloropropane	7.081	77	71462	20.505	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	57491	19.539	ug/l	86
28) Bromochloromethane	7.428	49	28648	20.102	ug/l #	67
29) Tetrahydrofuran	7.446	42	28283	94.285	ug/l #	69
30) Chloroform	7.593	83	93353	20.424	ug/l	100
31) Cyclohexane	7.869	56	61106	19.394	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	72436	19.886	ug/l	97
36) 1,1-Dichloropropene	8.004	75	67489	19.422	ug/l	97
37) Ethyl Acetate	7.169	43	23744	19.732	ug/l #	98
38) Carbon Tetrachloride	7.987	117	58431	18.616	ug/l	96
39) Methylcyclohexane	9.275	83	72554	18.135	ug/l	94
40) Benzene	8.251	78	206749	18.506	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11213	16.995	ug/l #	69
42) 1,2-Dichloroethane	8.328	62	50947	19.280	ug/l	95
43) Isopropyl Acetate	8.357	43	38905	17.308	ug/l #	87
44) Trichloroethene	9.028	130	56268	17.871	ug/l	86
45) 1,2-Dichloropropane	9.304	63	49917	18.114	ug/l	94
46) Dibromomethane	9.393	93	28425	18.402	ug/l	97
47) Bromodichloromethane	9.581	83	69509	18.724	ug/l	96
48) Methyl methacrylate	9.381	41	15745	15.827	ug/l #	59
49) 1,4-Dioxane	9.387	88	5770	349.322	ug/l #	79
51) 4-Methyl-2-Pentanone	10.163	43	101530	84.928	ug/l #	83
52) Toluene	10.334	92	132088	18.930	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	61029	18.240	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	74596	18.269	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	41256	18.625	ug/l	96
56) Ethyl methacrylate	10.598	69	36832	16.543	ug/l #	71
57) 1,3-Dichloropropane	10.881	76	62949	18.114	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	92828	86.897	ug/l	93
59) 2-Hexanone	10.922	43	72421	85.899	ug/l	82
60) Dibromochloromethane	11.075	129	45714	18.354	ug/l	97
61) 1,2-Dibromoethane	11.181	107	36512	18.530	ug/l	96
64) Tetrachloroethene	10.810	164	44697	16.851	ug/l	96
65) Chlorobenzene	11.610	112	142398	18.133	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	48007	17.764	ug/l	94
67) Ethyl Benzene	11.687	91	228312	18.195	ug/l	95
68) m/p-Xylenes	11.792	106	192371	37.510	ug/l	89
69) o-Xylene	12.122	106	85577	18.287	ug/l	89
70) Styrene	12.134	104	152929	18.849	ug/l	93
71) Bromoform	12.298	173	25507	16.780	ug/l #	100
73) Isopropylbenzene	12.422	105	214880	18.502	ug/l	99
74) N-amyl acetate	12.234	43	34735	16.791	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.675	83	45533	18.242	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	23049m	15.003	ug/l	
77) Bromobenzene	12.704	156	54393	17.474	ug/l	96
78) n-propylbenzene	12.763	91	277222	19.177	ug/l	99
79) 2-Chlorotoluene	12.851	91	151486	18.934	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	184042	19.116	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	12780	17.451	ug/l #	74
82) 4-Chlorotoluene	12.945	91	160980	18.917	ug/l	95
83) tert-Butylbenzene	13.169	119	149611	18.387	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	183769	19.166	ug/l	95
85) sec-Butylbenzene	13.345	105	241586	19.052	ug/l	100
86) p-Isopropyltoluene	13.463	119	197294	19.015	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	114739	18.231	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	117552	18.863	ug/l	97
89) n-Butylbenzene	13.786	91	180750	18.486	ug/l	98
90) Hexachloroethane	14.057	117	40852	19.141	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	100009	18.107	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5746	17.729	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	50852	15.828	ug/l	98
94) Hexachlorobutadiene	15.204	225	26850	16.391	ug/l	95
95) Naphthalene	15.333	128	98615	16.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	46212	15.816	ug/l	99

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Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

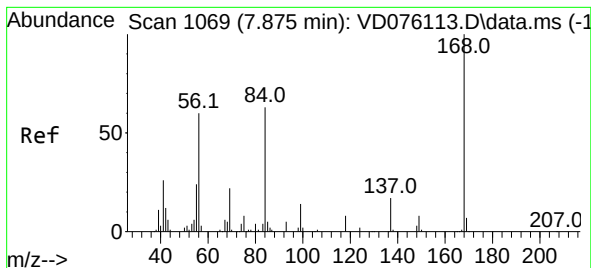
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

Quant Time: May 22 14:21:58 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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBSD01

Tgt Ion:168 Resp: 21286

Ion Ratio Lower Upper

168 100

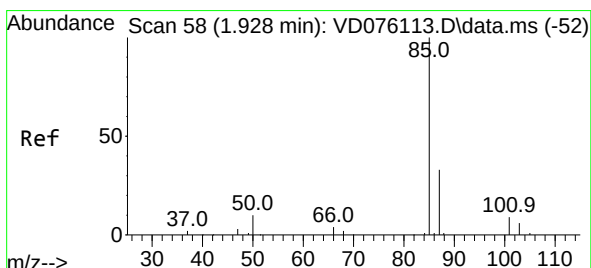
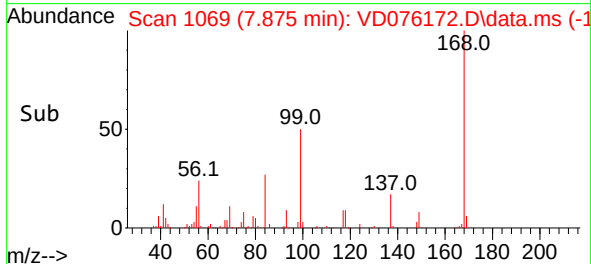
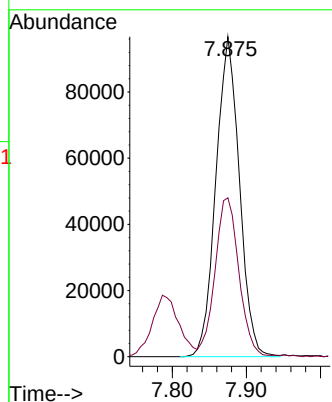
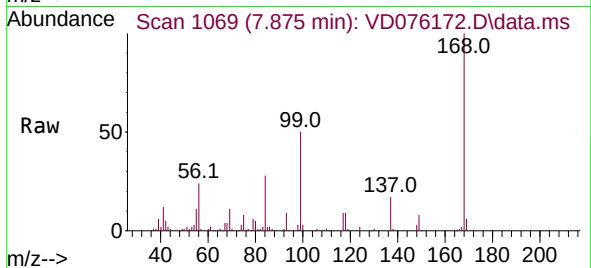
99 49.2 43.8 65.6

Manual Integrations

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Reviewed By :Krupa Patel 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#2

Dichlorodifluoromethane

Concen: 20.037 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD076172.D

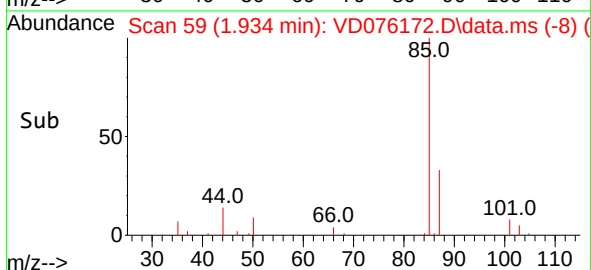
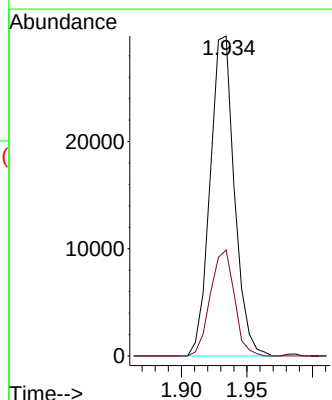
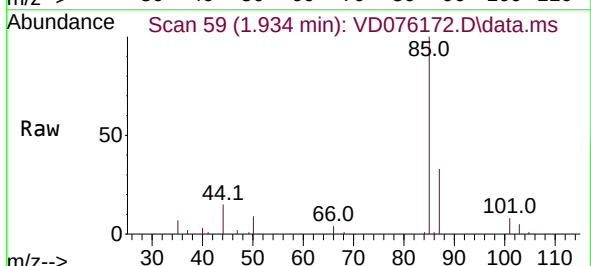
Acq: 22 May 2023 12:53

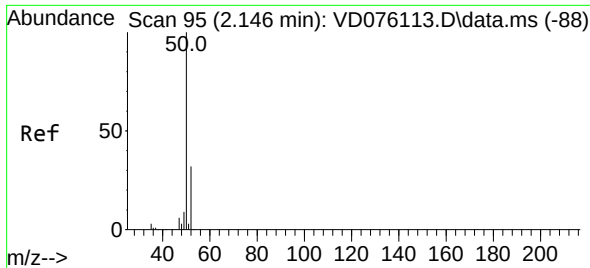
Tgt Ion: 85 Resp: 38466

Ion Ratio Lower Upper

85 100

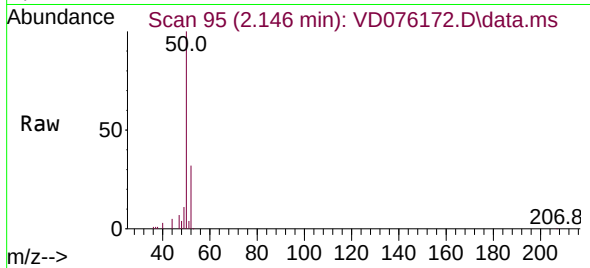
87 33.1 17.3 51.7





#3
Chloromethane
Concen: 20.678 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

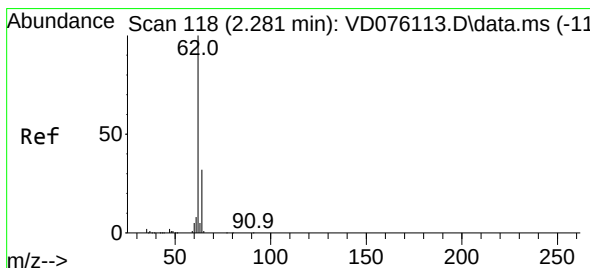
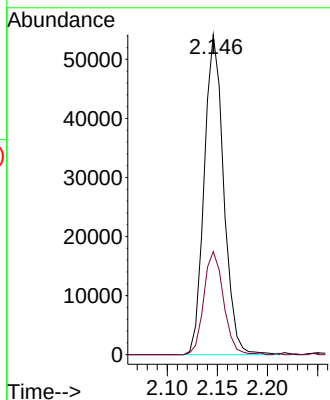
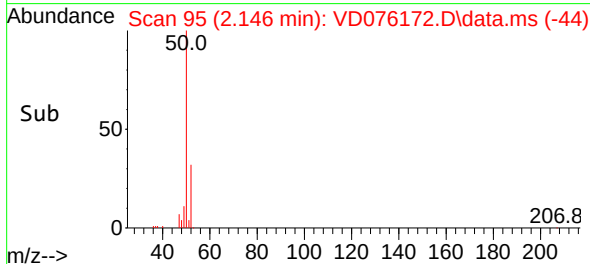
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion: 50 Resp: 7340
Ion Ratio Lower Upper
50 100
52 32.2 27.8 41.8

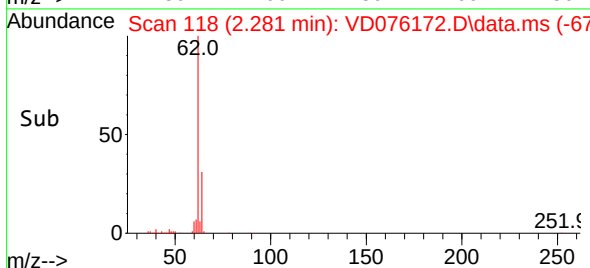
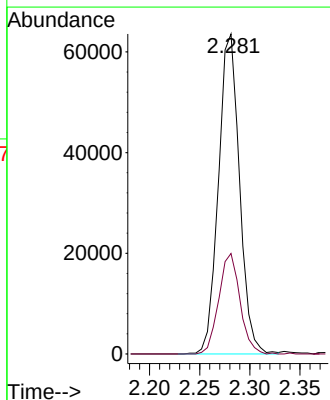
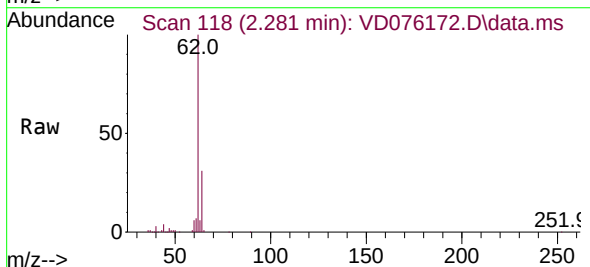
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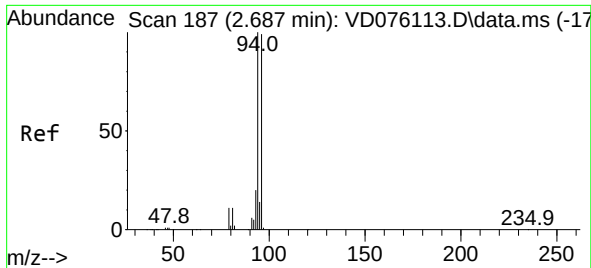
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#4
Vinyl Chloride
Concen: 22.396 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

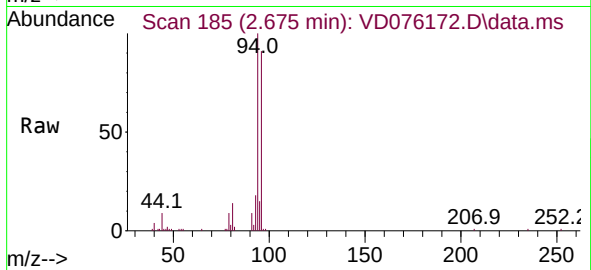
Tgt Ion: 62 Resp: 92726
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 22.672 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.012 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

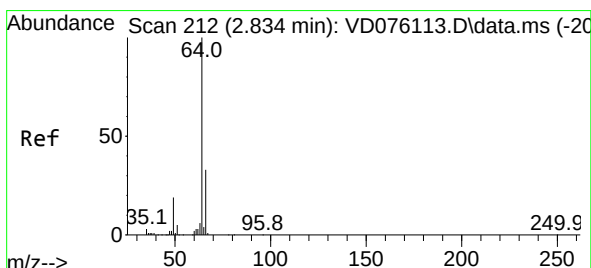
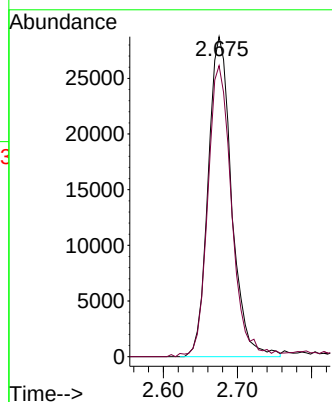
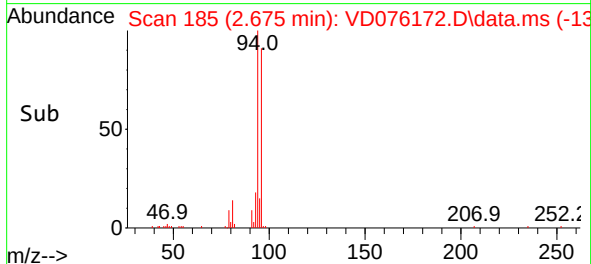
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Tgt Ion: 94 Resp: 63198
Ion Ratio Lower Upper
94 100
96 92.6 77.5 116.3

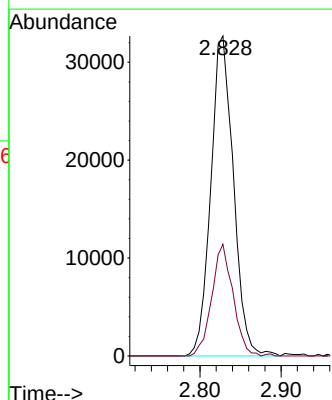
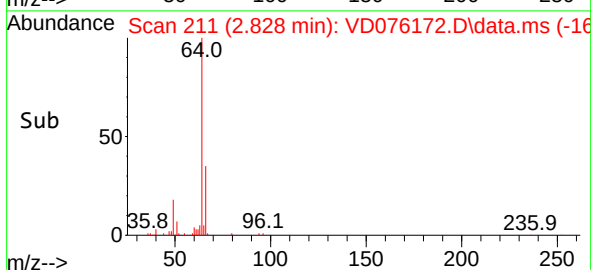
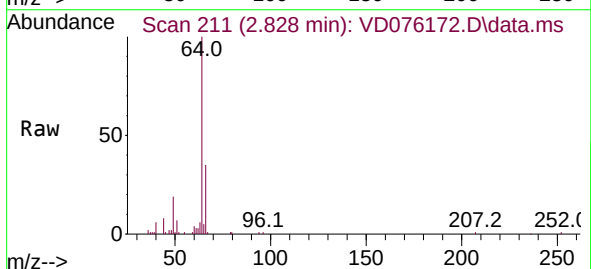
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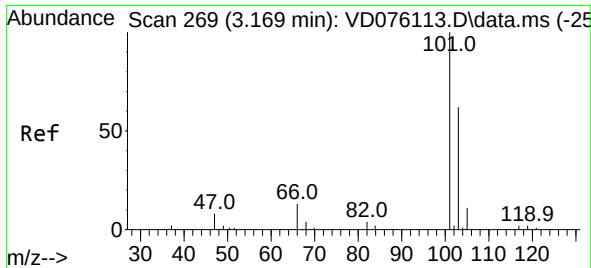
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#6
Chloroethane
Concen: 22.771 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

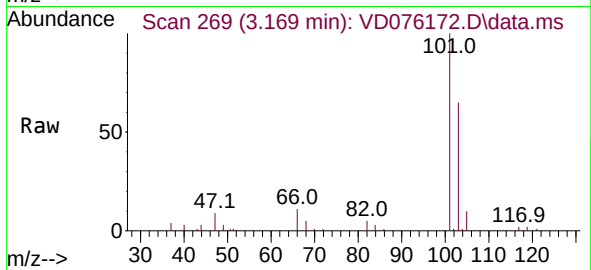
Tgt Ion: 64 Resp: 63428
Ion Ratio Lower Upper
64 100
66 34.9 27.7 41.5





#7
Trichlorofluoromethane
Concen: 20.289 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

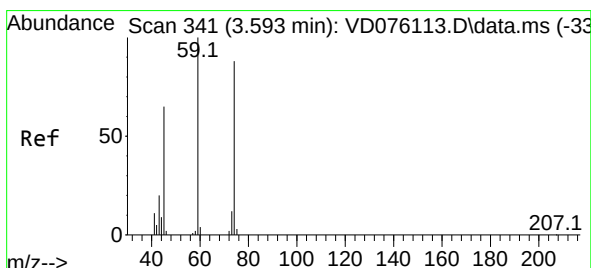
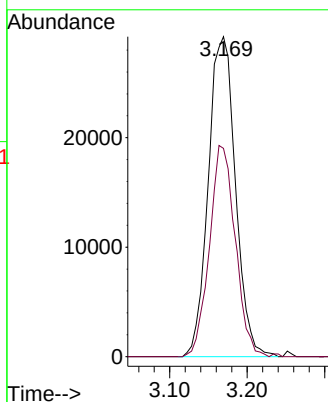
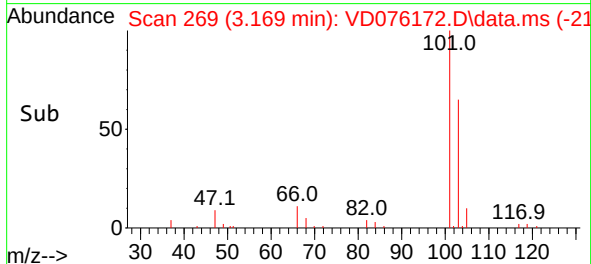
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



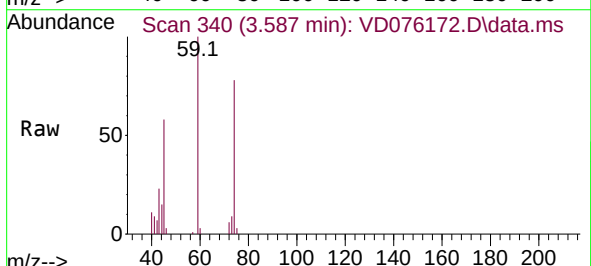
Tgt Ion:101 Resp: 7120
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9

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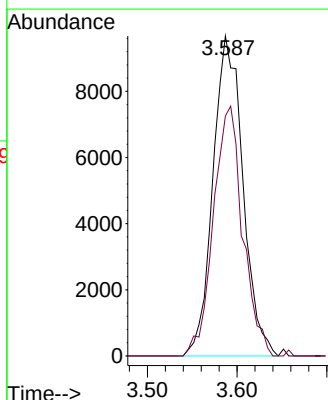
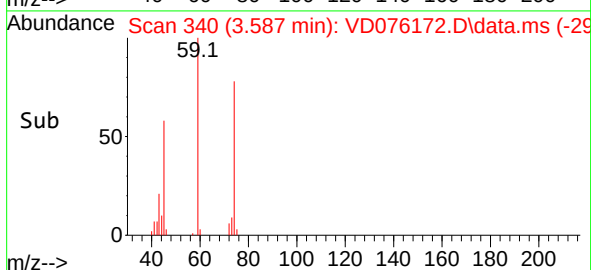
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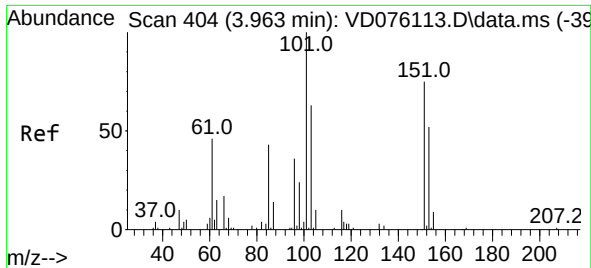


#8
Diethyl Ether
Concen: 19.387 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53



Tgt Ion: 74 Resp: 22374
Ion Ratio Lower Upper
74 100
45 76.5 50.9 152.7





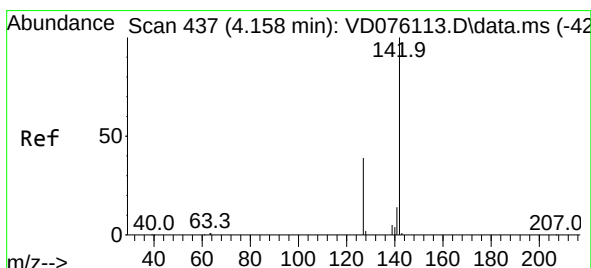
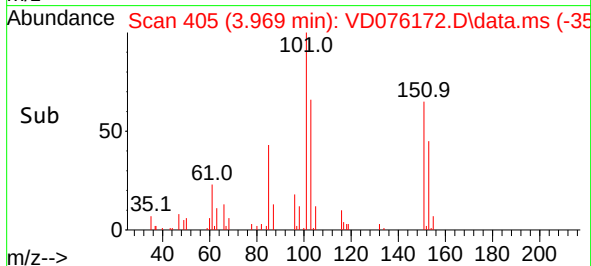
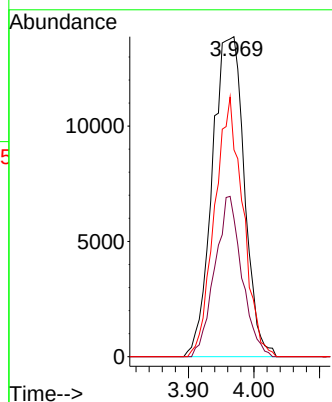
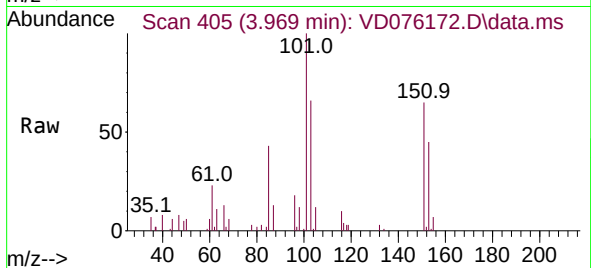
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.368 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion:101 Resp: 4708
Ion Ratio Lower Upper
101 100
85 42.3 38.3 57.5
151 71.7 60.4 90.6

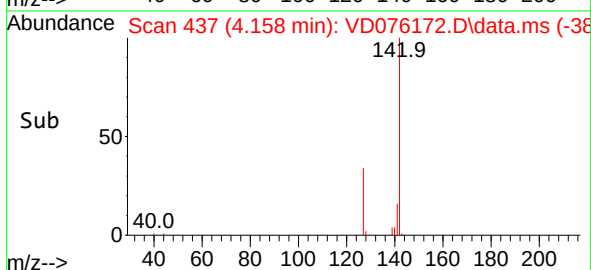
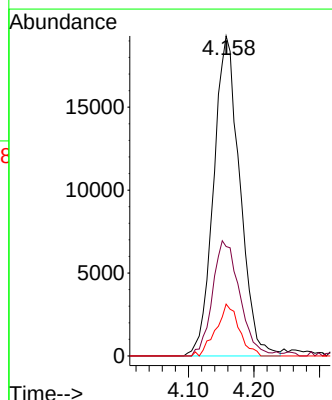
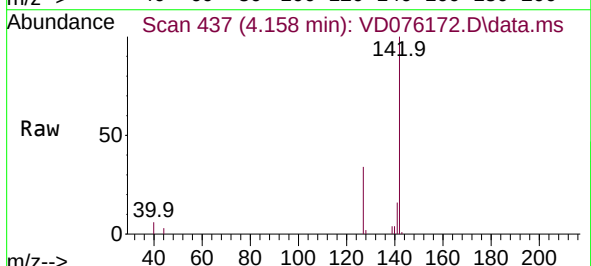
Manual Integrations
APPROVED

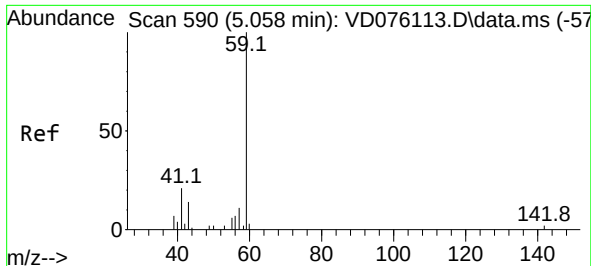
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#10
Methyl Iodide
Concen: 22.268 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

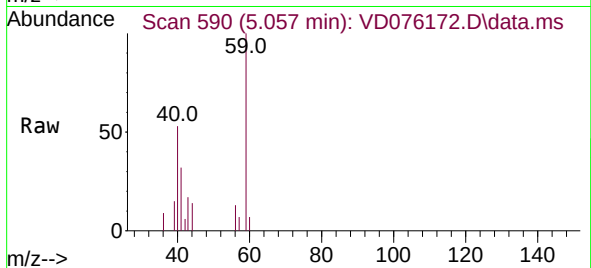
Tgt Ion:142 Resp: 53520
Ion Ratio Lower Upper
142 100
127 37.3 37.1 55.7
141 14.3 11.3 16.9





#11
Tert butyl alcohol
Concen: 91.661 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.005 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

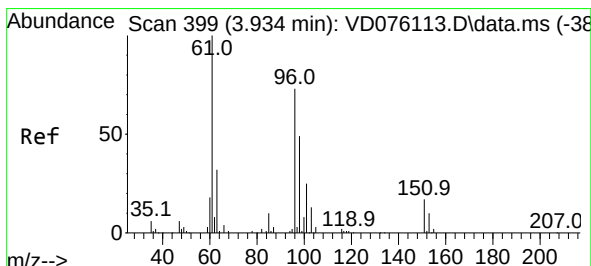
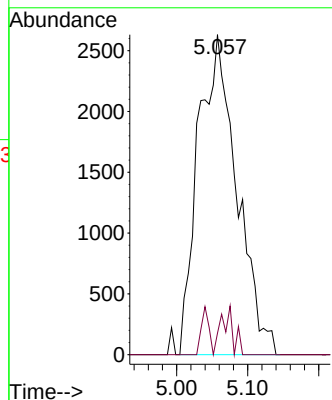
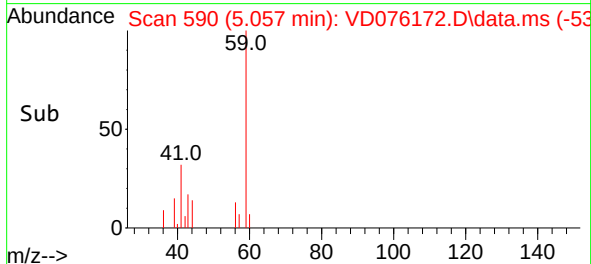
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



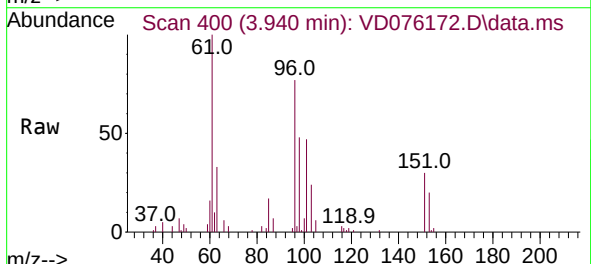
Tgt Ion: 59 Resp: 997
Ion Ratio Lower Upper
59 100
57 4.7 0.0 0.0

Manual Integrations
APPROVED

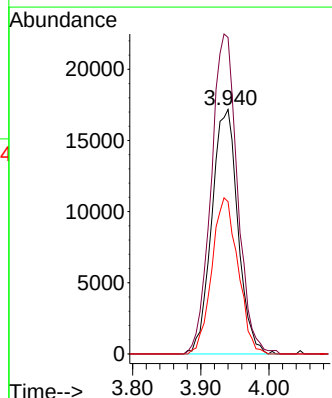
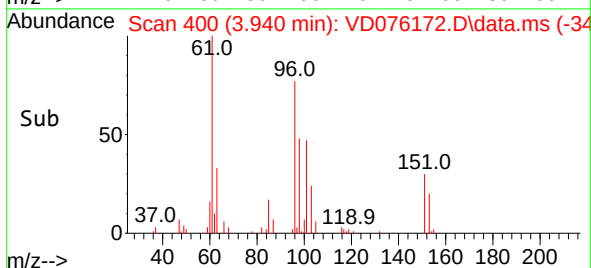
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

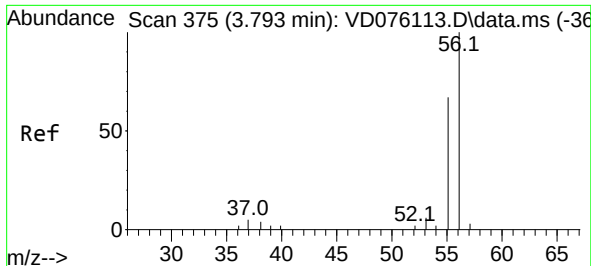


#12
1,1-Dichloroethene
Concen: 19.932 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53



Tgt Ion: 96 Resp: 45856
Ion Ratio Lower Upper
96 100
61 129.4 118.6 177.8
98 62.3 49.7 74.5





#13

Acrolein

Concen: 77.221 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBSD01

Tgt Ion: 56 Resp: 2056

Ion Ratio Lower Upper

56 100

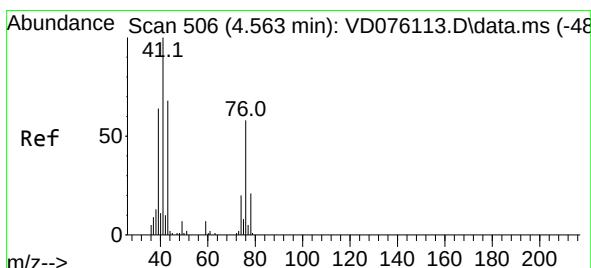
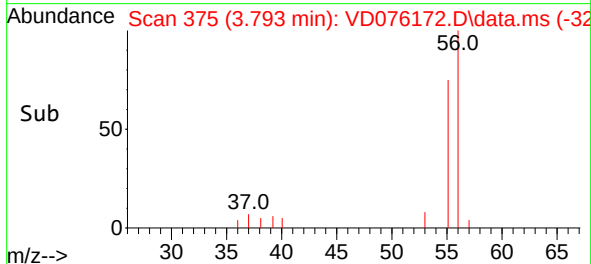
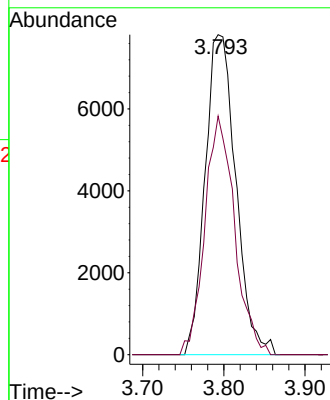
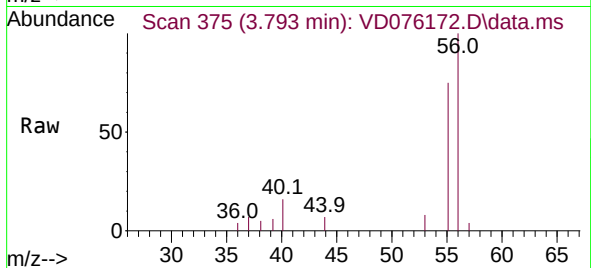
55 72.1 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#14

Allyl chloride

Concen: 19.854 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

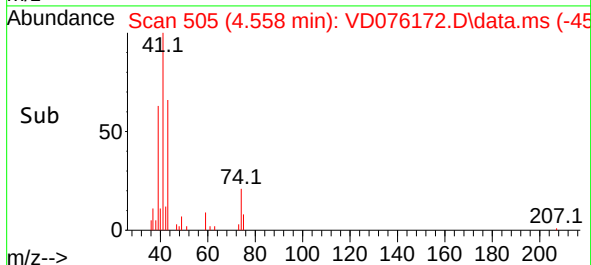
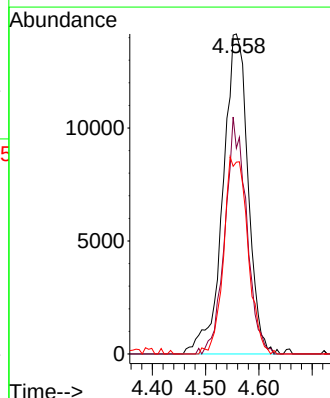
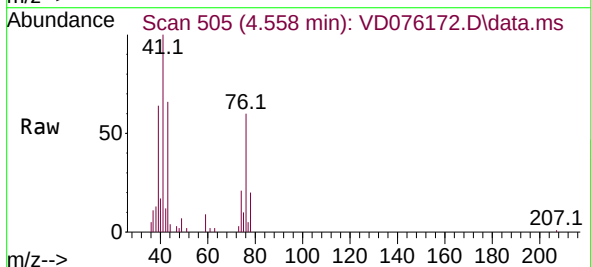
Tgt Ion: 41 Resp: 46357

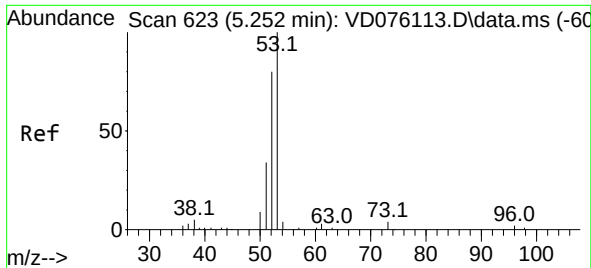
Ion Ratio Lower Upper

41 100

39 63.8 60.6 90.8

76 58.9 28.6 43.0#





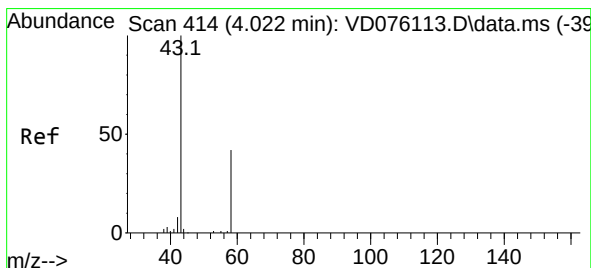
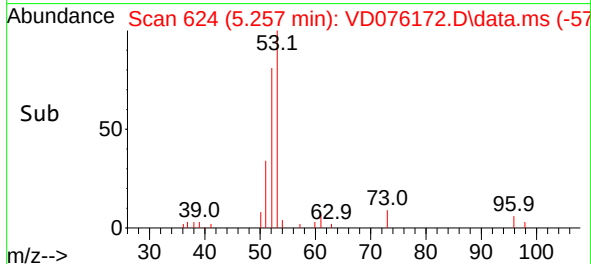
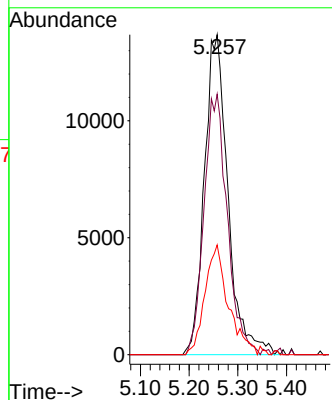
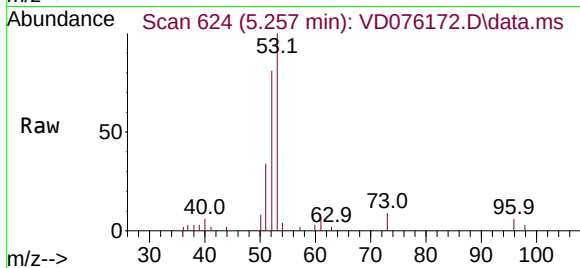
#15
Acrylonitrile
Concen: 96.301 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion: 53 Resp: 46010
Ion Ratio Lower Upper
53 100
52 80.4 66.2 99.4
51 34.0 30.7 46.1

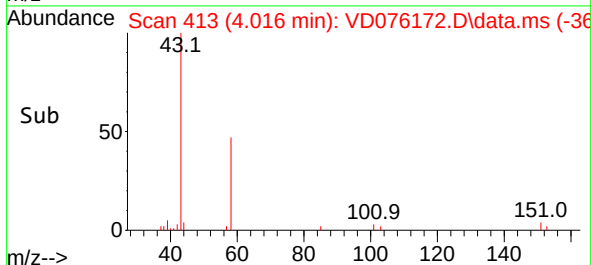
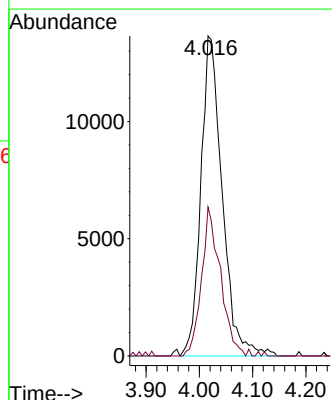
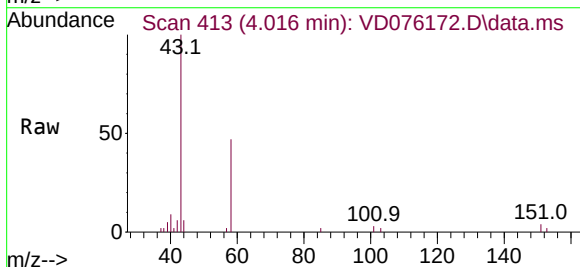
Manual Integrations
APPROVED

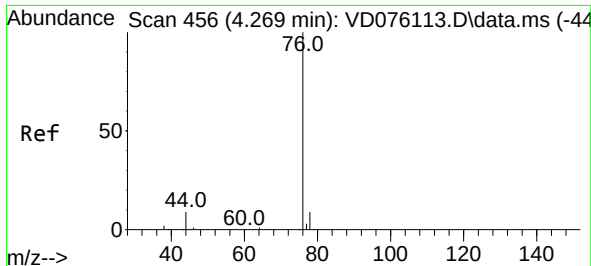
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#16
Acetone
Concen: 92.877 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

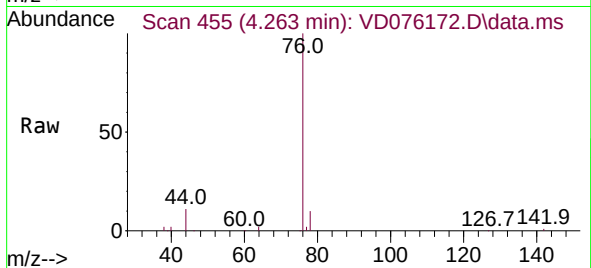
Tgt Ion: 43 Resp: 38016
Ion Ratio Lower Upper
43 100
58 46.5 24.4 36.6#





#17
Carbon Disulfide
Concen: 19.878 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

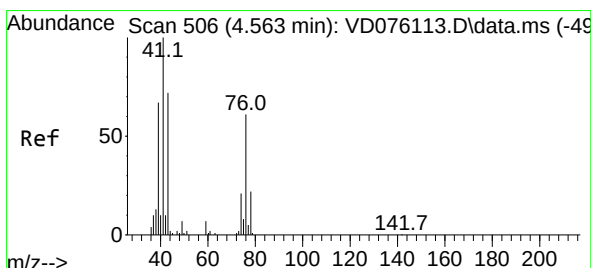
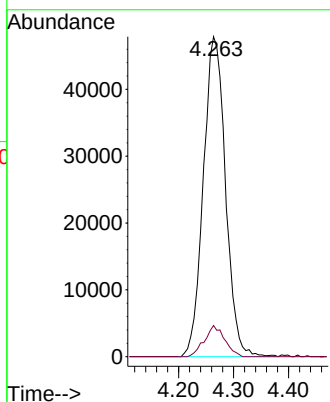
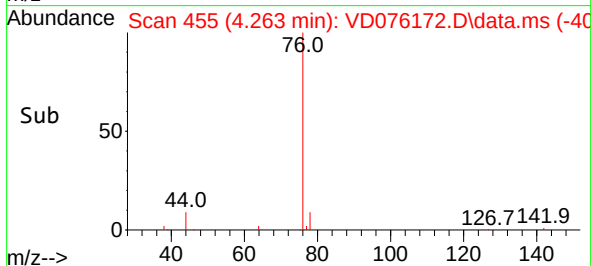
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion: 76 Resp: 134252
Ion Ratio Lower Upper
76 100
78 9.8 8.0 12.0

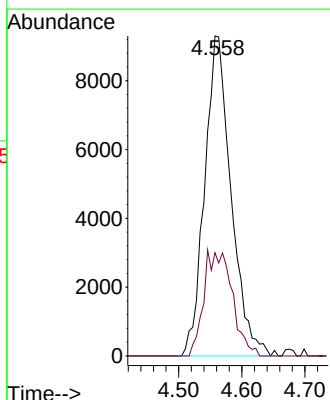
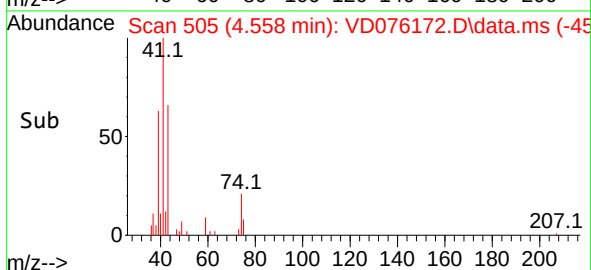
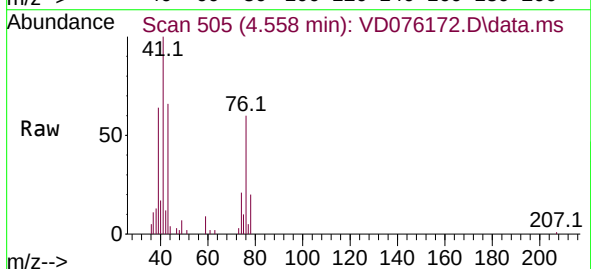
Manual Integrations
APPROVED

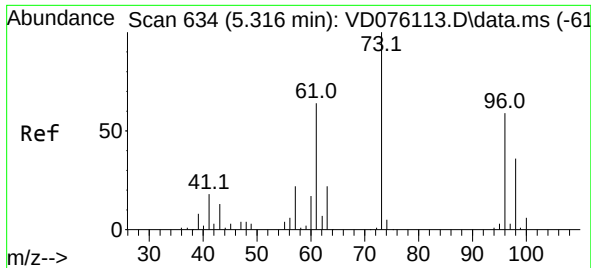
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 18.562 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion: 43 Resp: 27102
Ion Ratio Lower Upper
43 100
74 35.2 17.8 26.6#





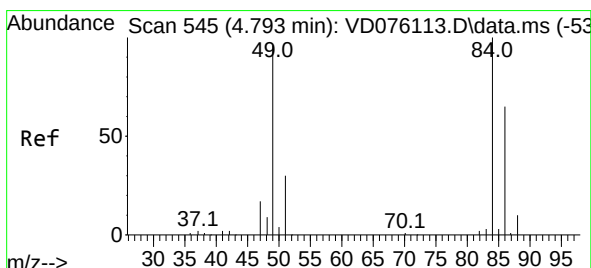
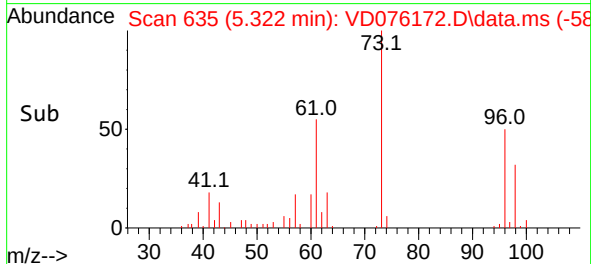
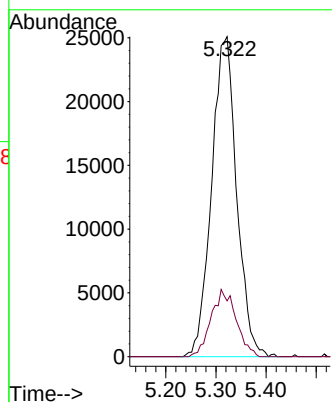
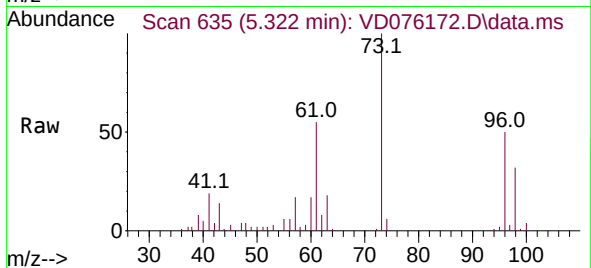
#19
Methyl tert-butyl Ether
Concen: 19.358 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion: 73 Resp: 8716
Ion Ratio Lower Upper
73 100
57 17.4 17.2 25.8

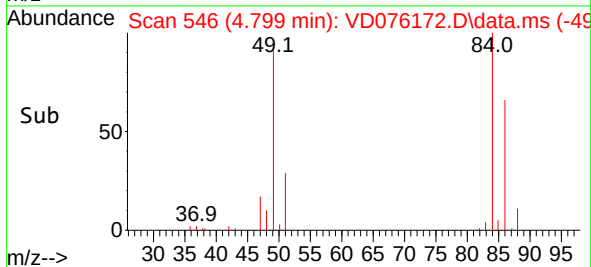
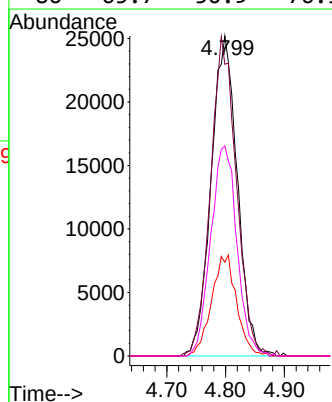
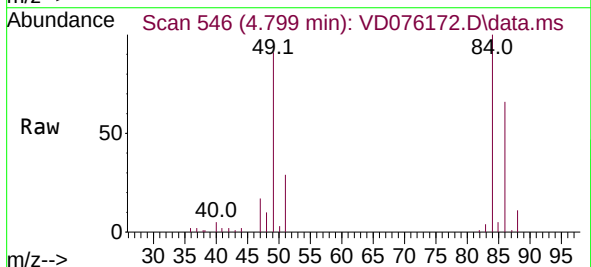
Manual Integrations
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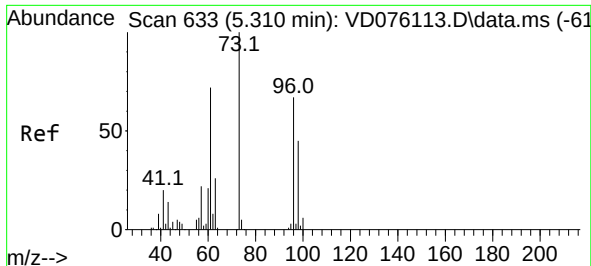
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 18.000 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

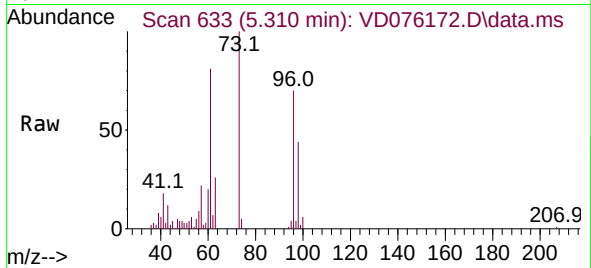
Tgt Ion: 84 Resp: 78018
Ion Ratio Lower Upper
84 100
49 91.1 106.4 159.6#
51 29.3 32.4 48.6#
86 65.7 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 19.045 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

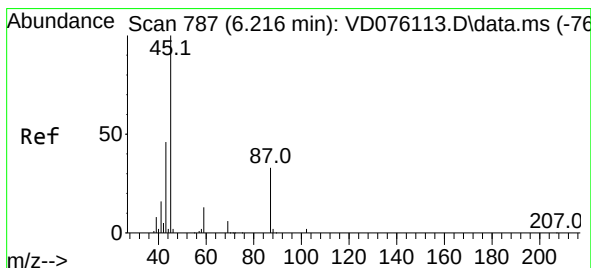
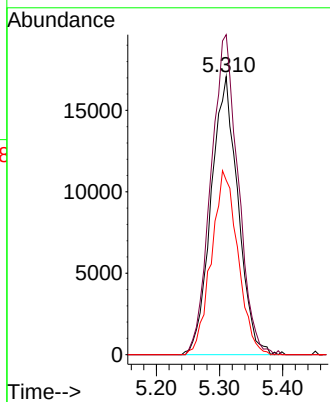
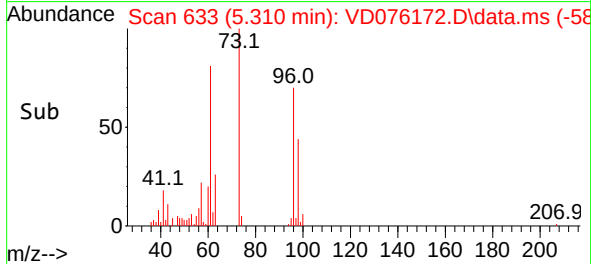
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



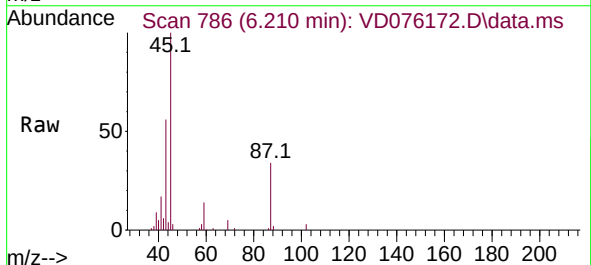
Tgt Ion: 96 Resp: 50498
Ion Ratio Lower Upper
96 100
61 115.1 117.2 175.8
98 62.7 50.6 76.0

Manual Integrations
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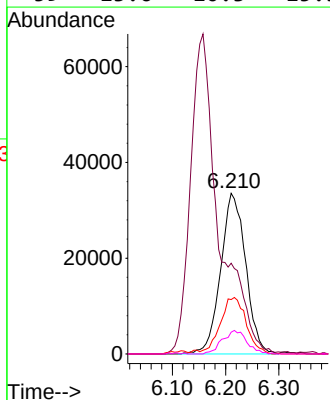
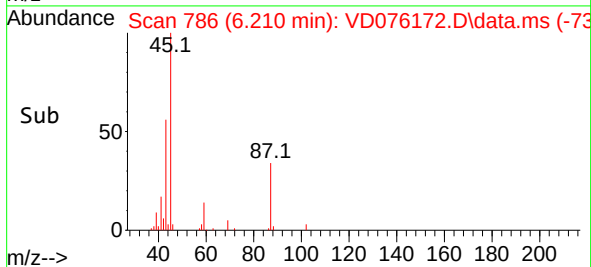
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

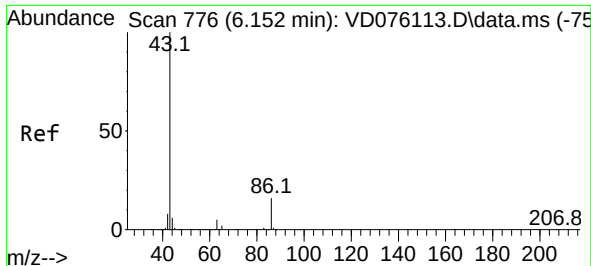


#22
Diisopropyl ether
Concen: 20.170 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53



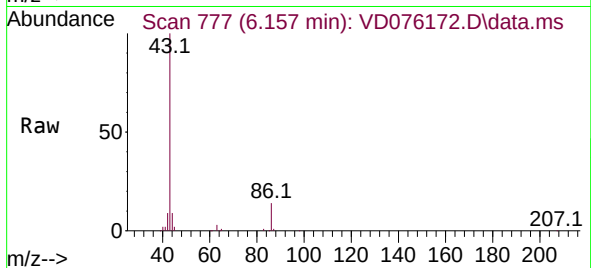
Tgt Ion: 45 Resp: 109313
Ion Ratio Lower Upper
45 100
43 55.2 44.4 66.6
87 33.4 20.9 31.3
59 13.6 10.3 15.5





#23
 Vinyl Acetate
 Concen: 116.212 ug/l
 RT: 6.157 min Scan# 776
 Delta R.T. 0.005 min
 Lab File: VD076172.D
 Acq: 22 May 2023 12:53

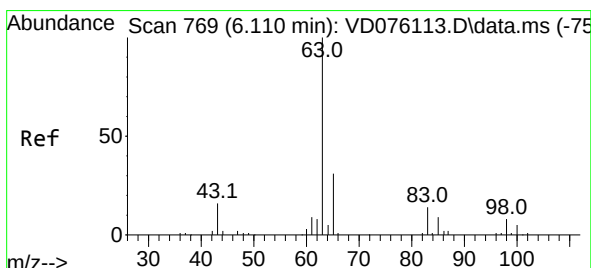
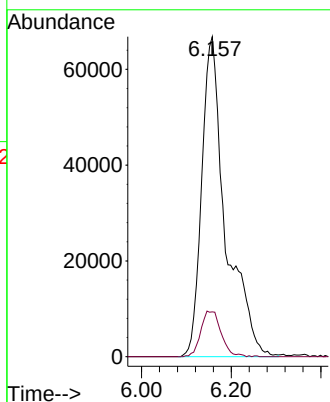
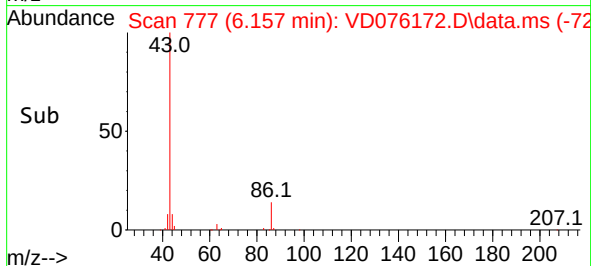
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBSD01



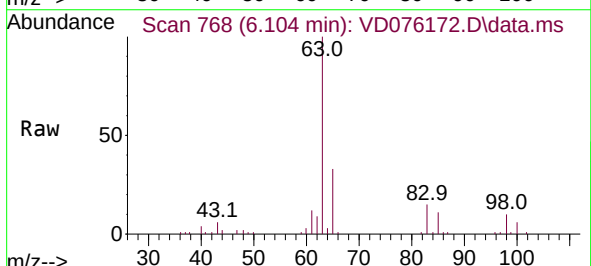
Tgt Ion: 43 Resp: 247630
 Ion Ratio Lower Upper
 43 100
 86 14.0 9.0 13.6

Manual Integrations
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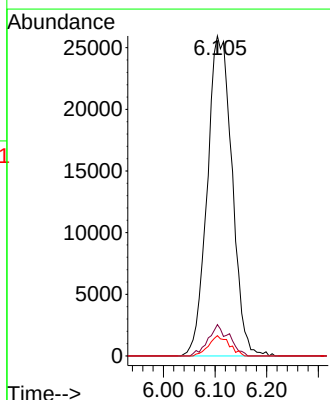
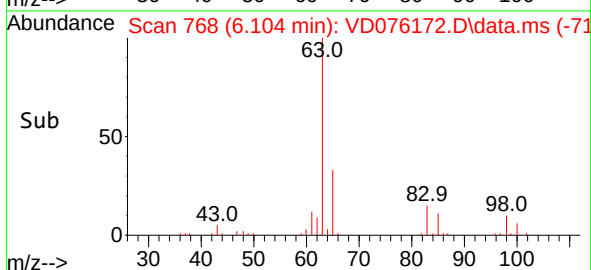
Reviewed By :Krupa Patel 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

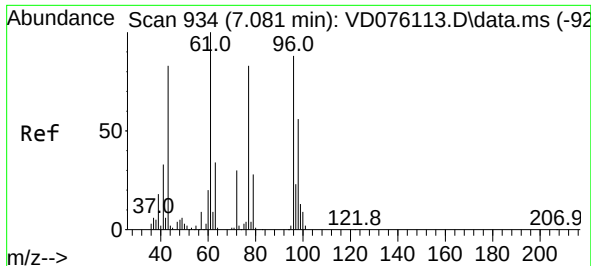


#24
 1,1-Dichloroethane
 Concen: 20.213 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD076172.D
 Acq: 22 May 2023 12:53



Tgt Ion: 63 Resp: 86394
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.9 11.7
 100 6.4 2.0 6.0





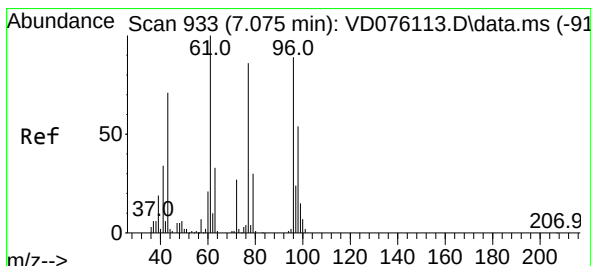
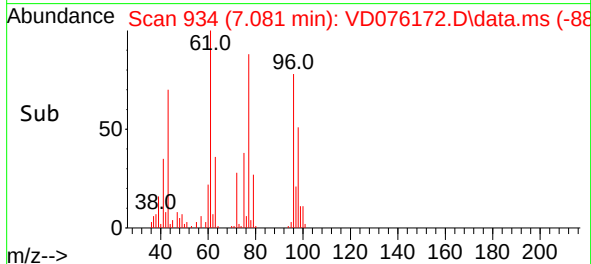
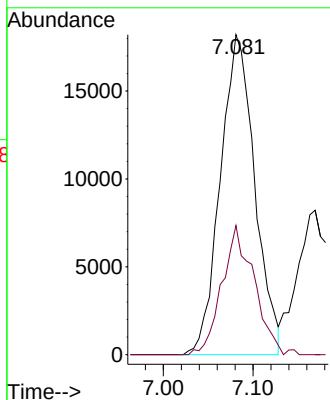
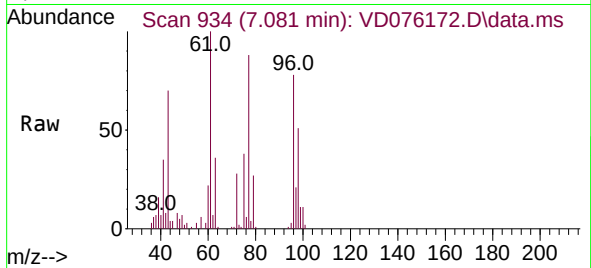
#25
2-Butanone
Concen: 94.225 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion: 43 Resp: 48494
Ion Ratio Lower Upper
43 100
72 40.4 19.8 29.8

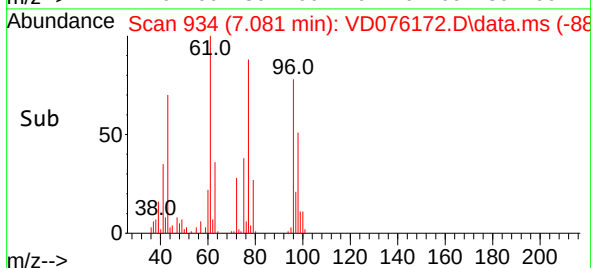
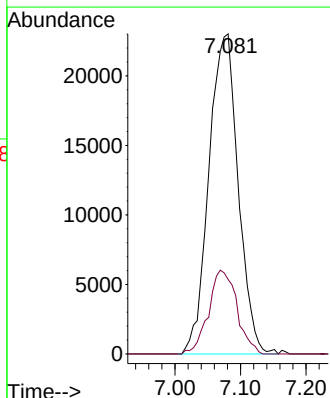
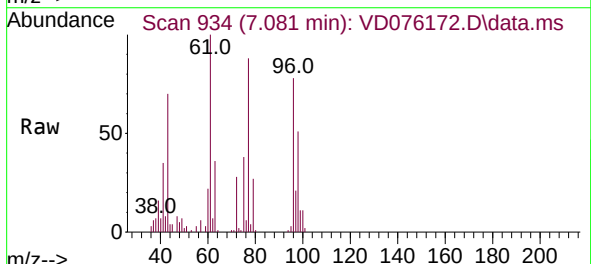
Manual Integrations
APPROVED

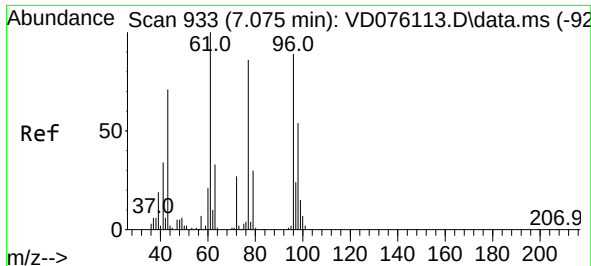
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#26
2,2-Dichloropropane
Concen: 20.505 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

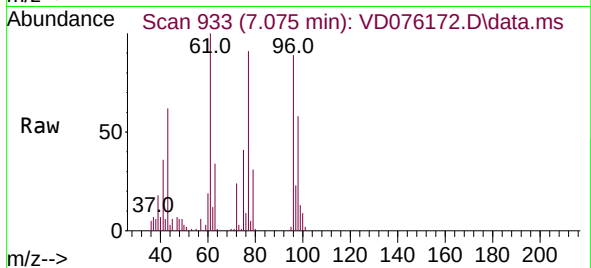
Tgt Ion: 77 Resp: 71462
Ion Ratio Lower Upper
77 100
97 25.3 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.539 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076172.D
 Acq: 22 May 2023 12:53

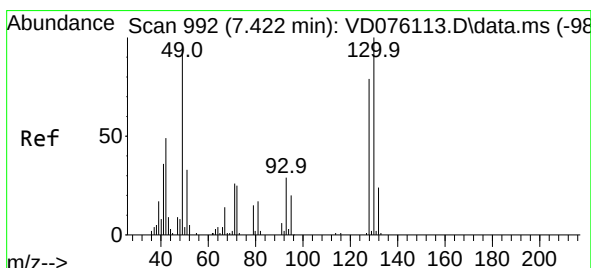
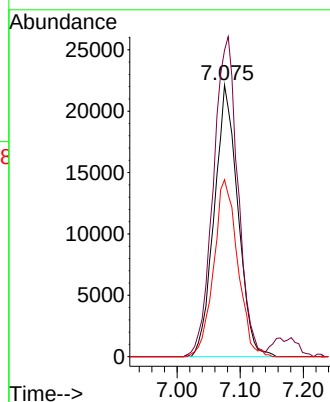
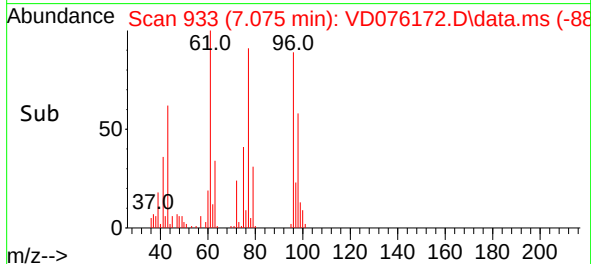
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBSD01



Tgt Ion: 96 Resp: 5749
 Ion Ratio Lower Upper
 96 100
 61 122.8 0.0 295.2
 98 66.1 0.0 129.2

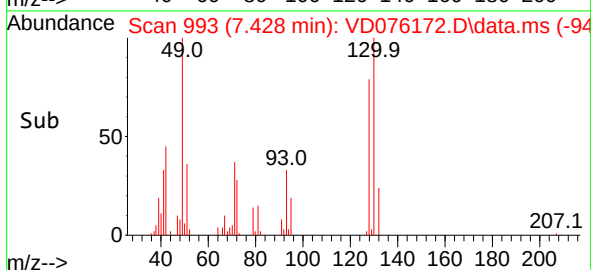
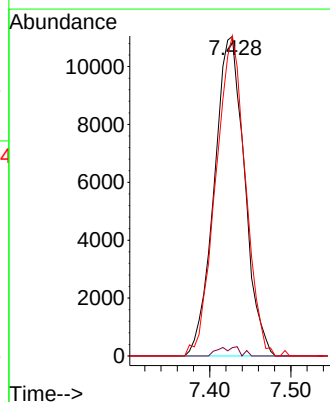
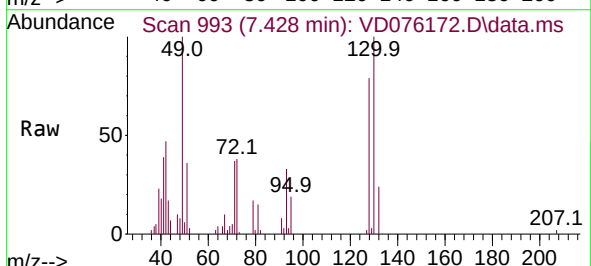
Manual Integrations
 APPROVED

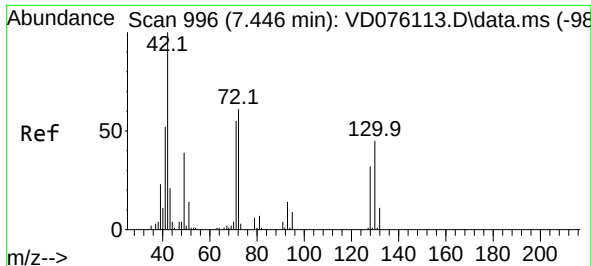
Reviewed By :Krupa Patel 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#28
 Bromochloromethane
 Concen: 20.102 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076172.D
 Acq: 22 May 2023 12:53

Tgt Ion: 49 Resp: 28648
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 2.2
 130 97.9 56.0 84.0#





#29

Tetrahydrofuran

Concen: 94.285 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBSD01

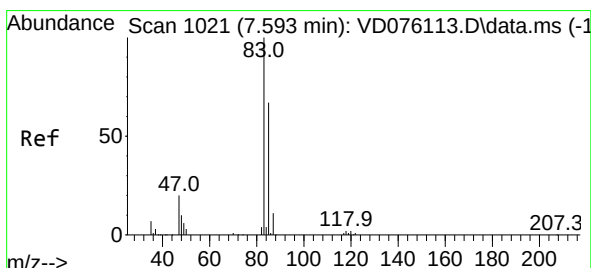
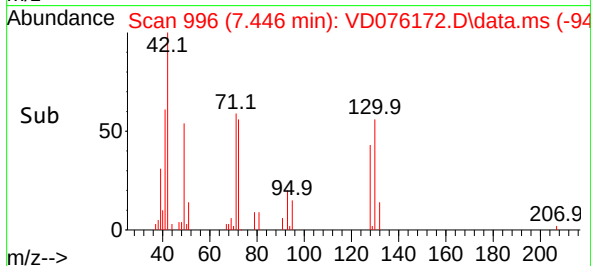
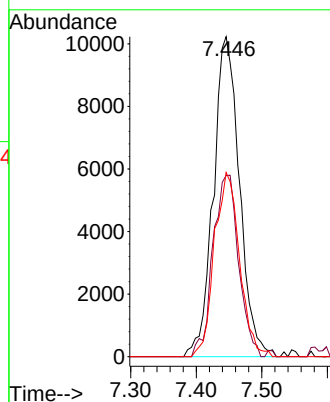
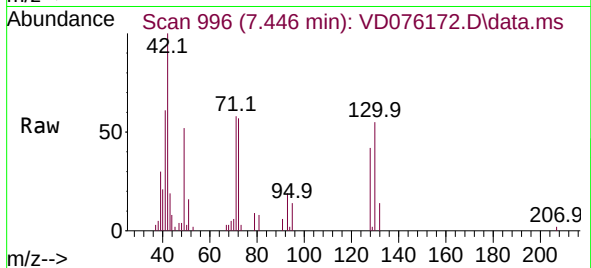
Tgt Ion:	42	Resp:	2828
Ion Ratio	Lower	Upper	
42	100		
72	55.7	31.8	47.6
71	55.4	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#30

Chloroform

Concen: 20.424 ug/l

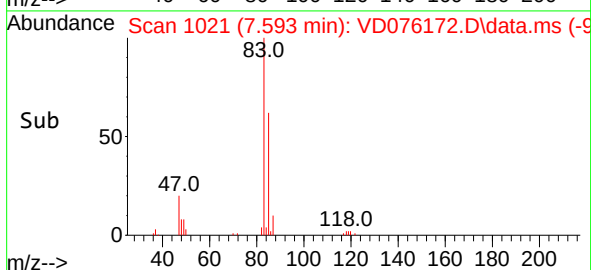
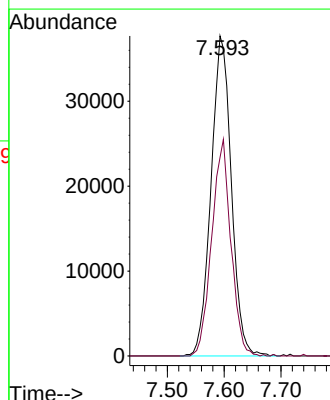
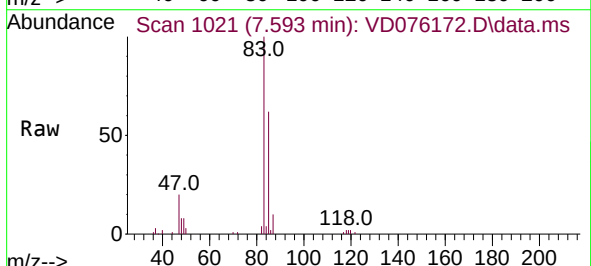
RT: 7.593 min Scan# 1021

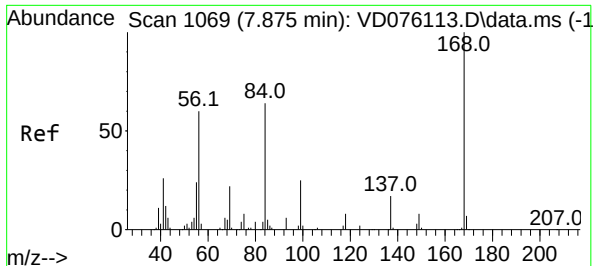
Delta R.T. -0.000 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

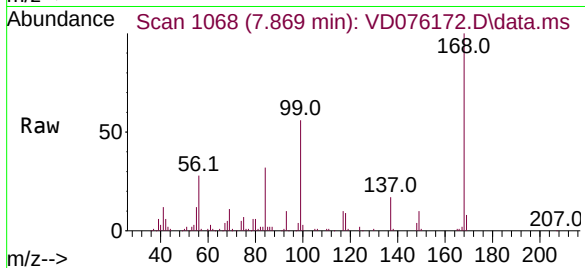
Tgt Ion:	83	Resp:	93353
Ion Ratio	Lower	Upper	
83	100		
85	62.0	49.4	74.2





#31
Cyclohexane
Concen: 19.394 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

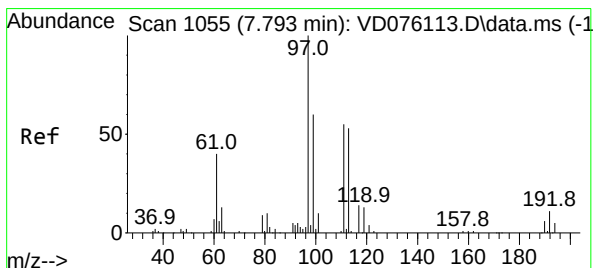
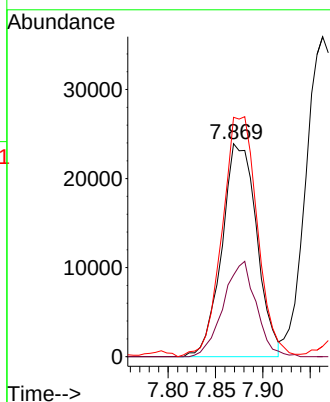
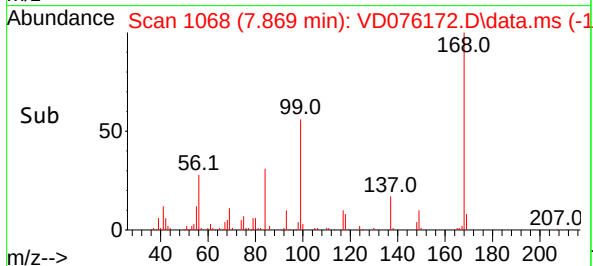
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



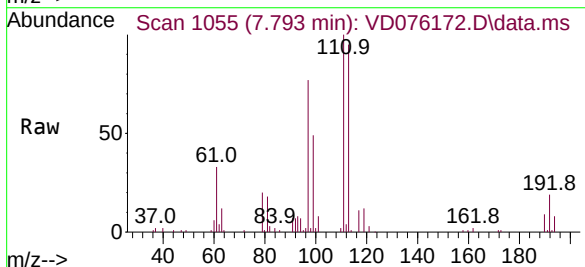
Tgt Ion: 56 Resp: 61100
Ion Ratio Lower Upper
56 100
69 38.3 25.5 38.3
84 112.4 69.6 104.4

Manual Integrations
APPROVED

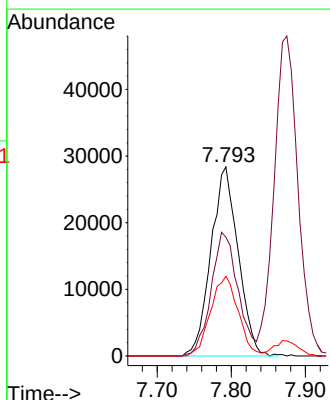
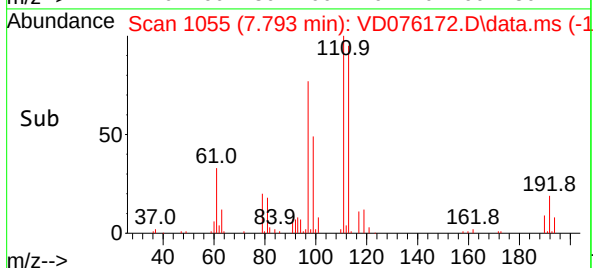
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

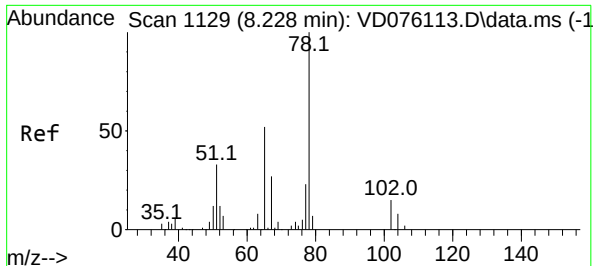


#32
1,1,1-Trichloroethane
Concen: 19.886 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53



Tgt Ion: 97 Resp: 72436
Ion Ratio Lower Upper
97 100
99 64.8 50.5 75.7
61 42.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 45.866 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBSD01

Tgt Ion: 65 Resp: 9435

Ion Ratio Lower Upper

65 100

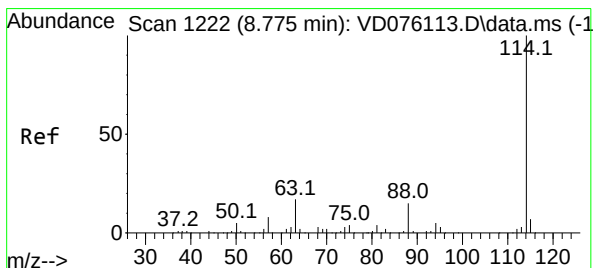
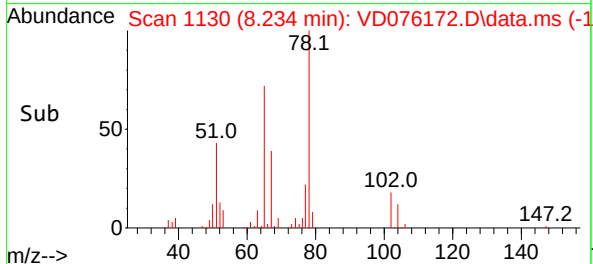
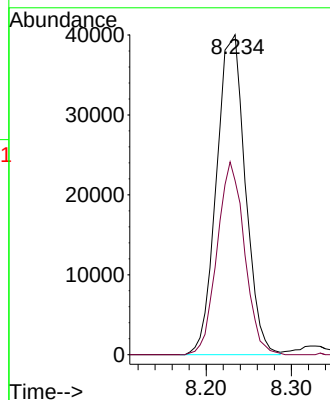
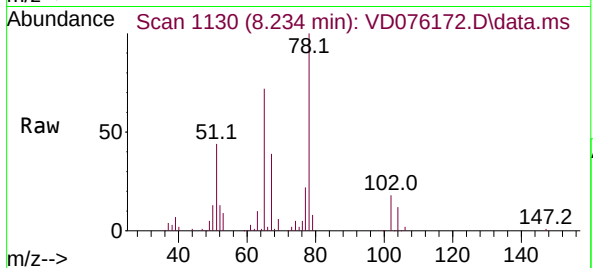
67 57.2 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

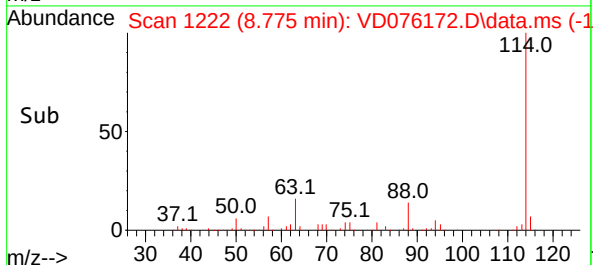
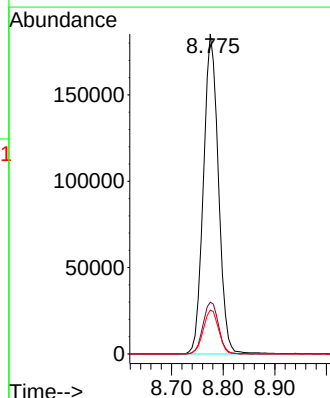
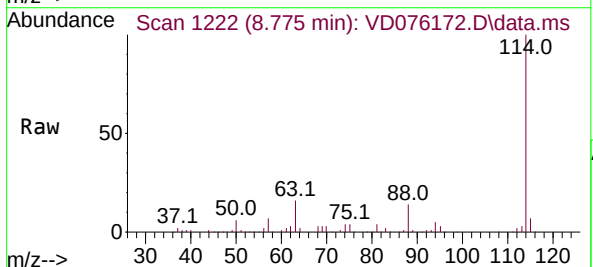
Tgt Ion:114 Resp: 372238

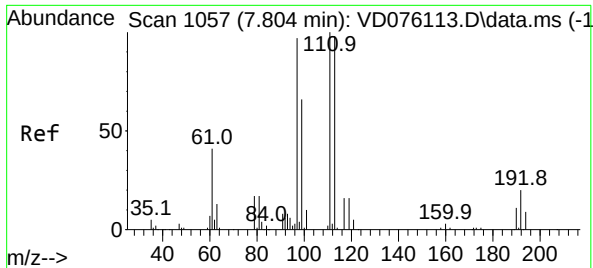
Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.6

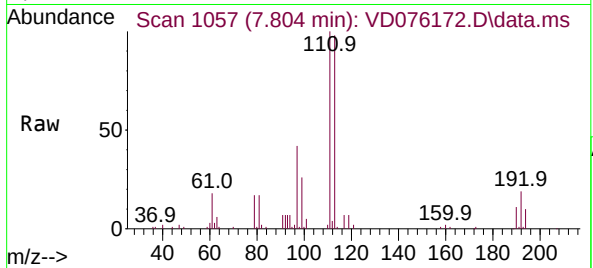
88 13.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 43.985 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

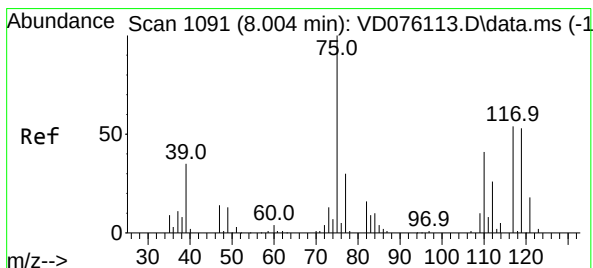
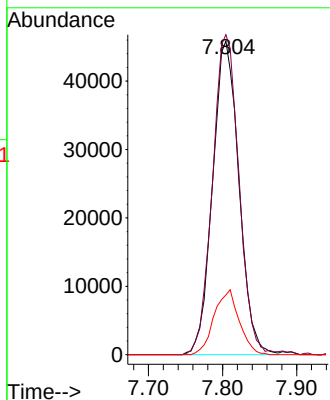
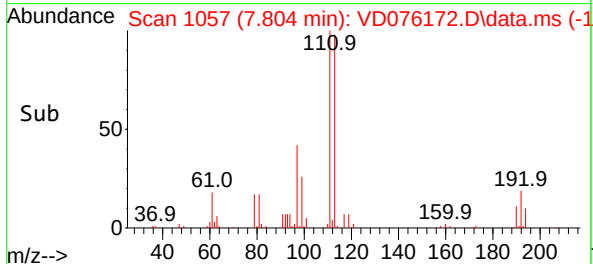
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion: 113 Resp: 11317
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.7 15.2 22.8

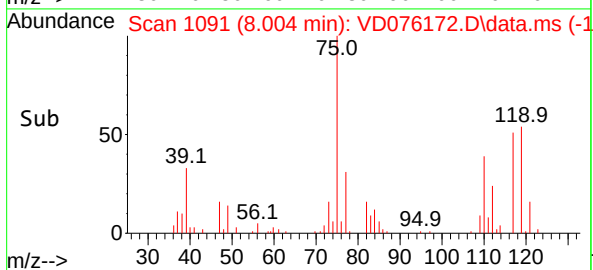
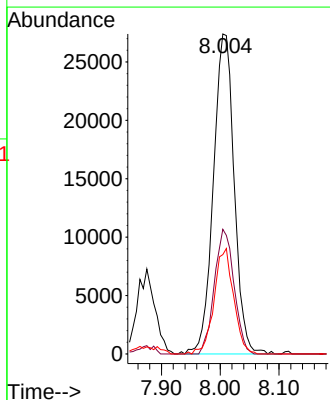
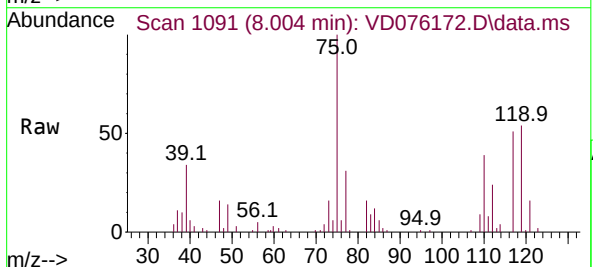
Manual Integrations
APPROVED

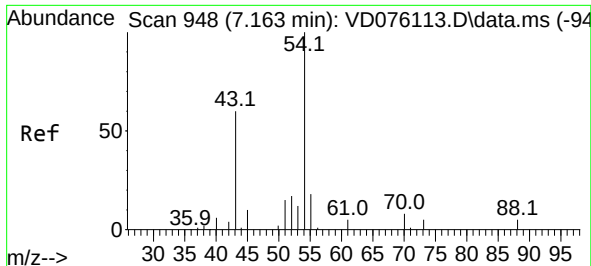
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#36
1,1-Dichloropropene
Concen: 19.422 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion: 75 Resp: 67489
Ion Ratio Lower Upper
75 100
110 36.7 17.1 51.2
77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 19.732 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBSD01

Tgt Ion: 43 Resp: 23744

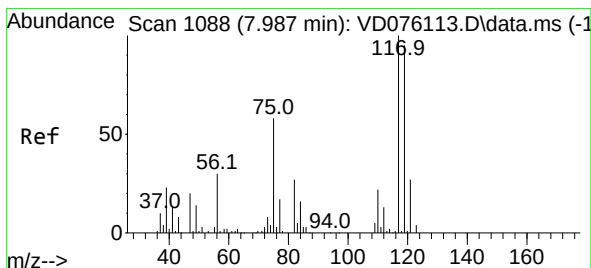
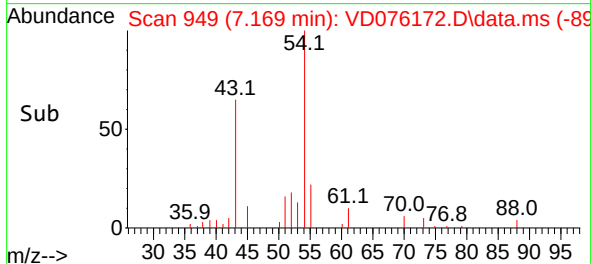
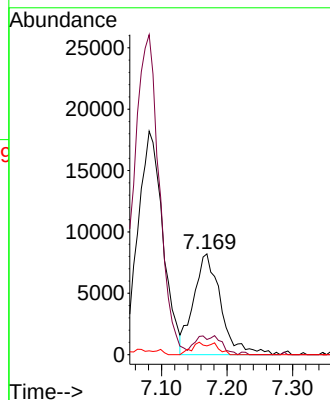
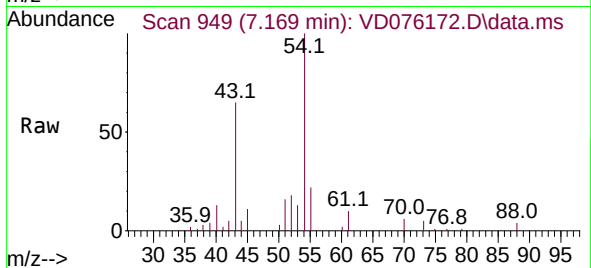
Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	6.5	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#38

Carbon Tetrachloride

Concen: 18.616 ug/l

RT: 7.987 min Scan# 1088

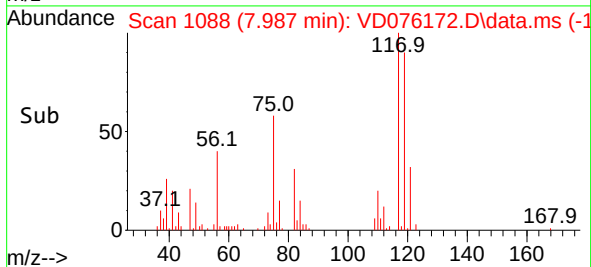
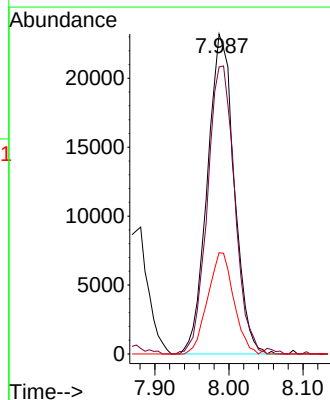
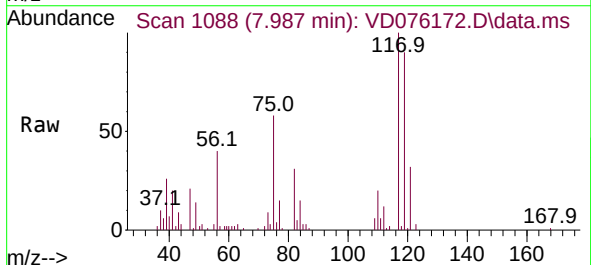
Delta R.T. -0.006 min

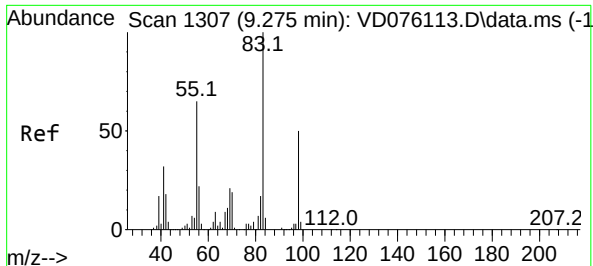
Lab File: VD076172.D

Acq: 22 May 2023 12:53

Tgt Ion:117 Resp: 58431

Ion	Ratio	Lower	Upper
117	100		
119	89.0	74.7	112.1
121	31.6	25.9	38.9





#39

Methylcyclohexane

Concen: 18.135 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBSD01

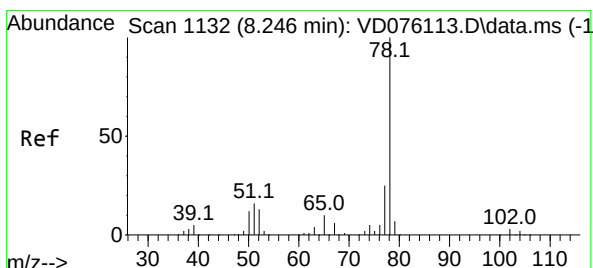
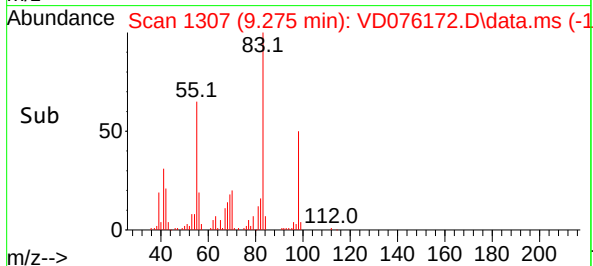
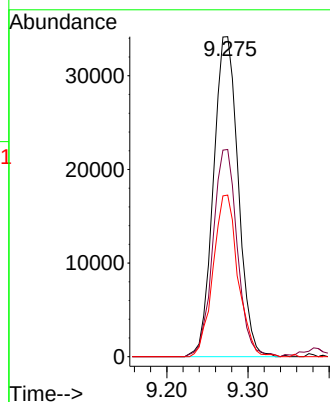
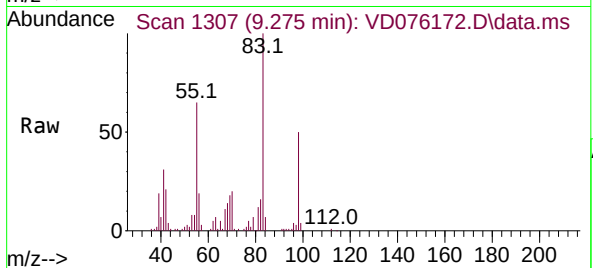
Tgt Ion:	83	Resp:	72554
Ion	Ratio	Lower	Upper
83	100		
55	64.7	56.8	85.2
98	50.5	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#40

Benzene

Concen: 18.506 ug/l

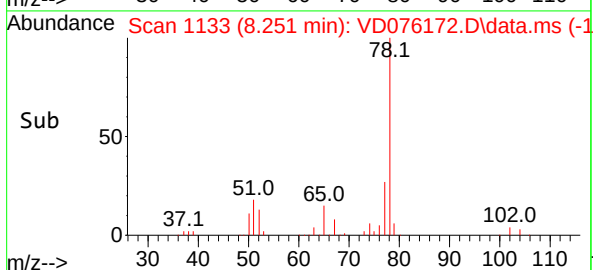
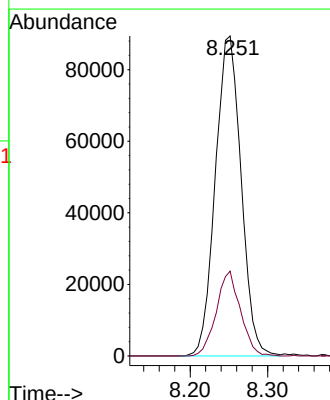
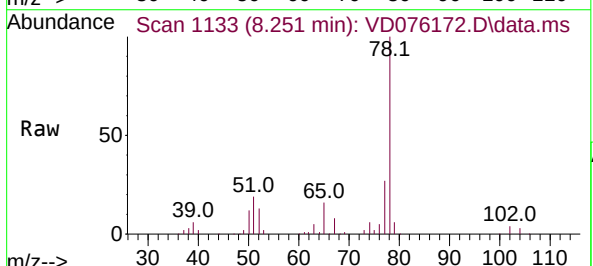
RT: 8.251 min Scan# 1133

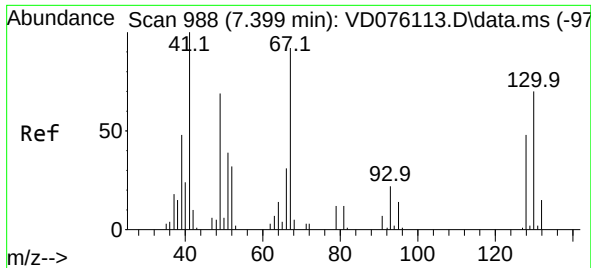
Delta R.T. -0.001 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

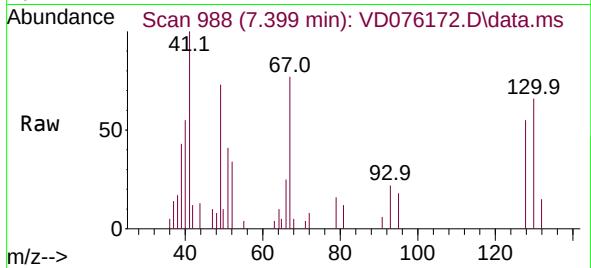
Tgt Ion:	78	Resp:	206749
Ion	Ratio	Lower	Upper
78	100		
77	26.5	19.1	28.7





#41
Methacrylonitrile
Concen: 16.995 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

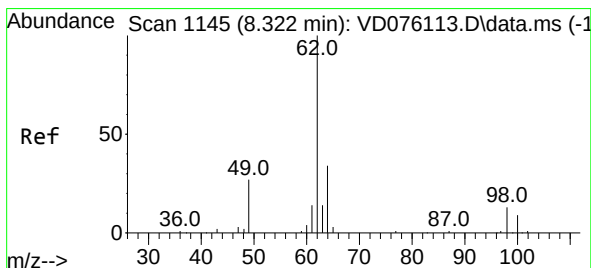
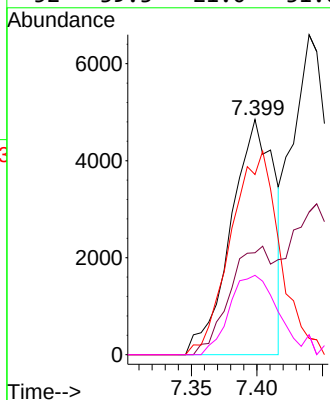
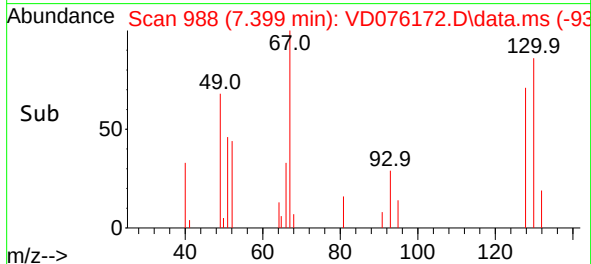
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion: 41 Resp: 1121
Ion Ratio Lower Upper
41 100
39 43.0 45.3 67.9
67 97.7 50.5 75.7
52 39.3 21.0 31.6

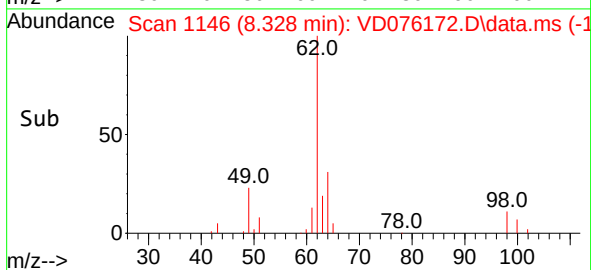
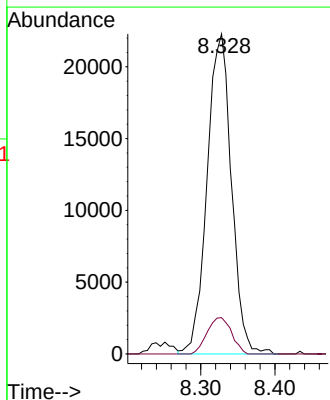
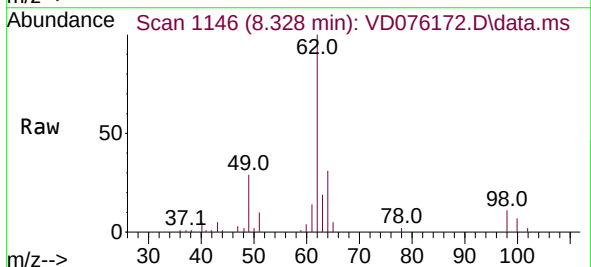
Manual Integrations
APPROVED

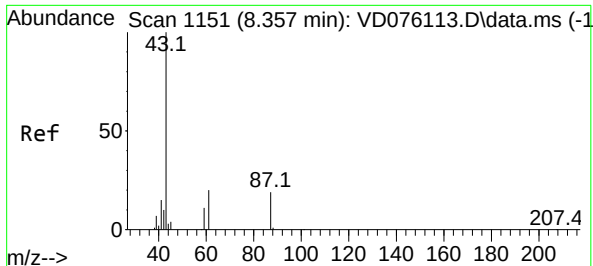
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#42
1,2-Dichloroethane
Concen: 19.280 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

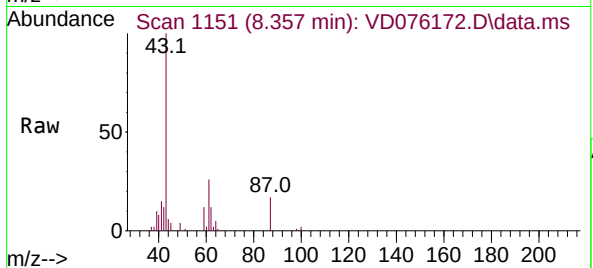
Tgt Ion: 62 Resp: 50947
Ion Ratio Lower Upper
62 100
98 11.4 0.0 18.8





#43
Isopropyl Acetate
Concen: 17.308 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

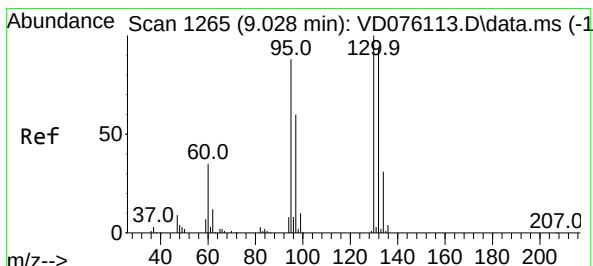
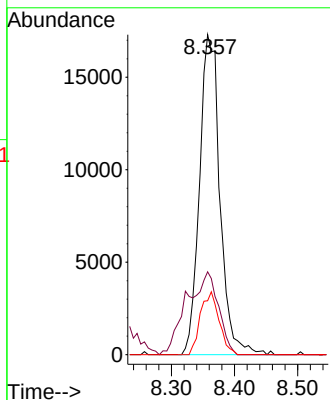
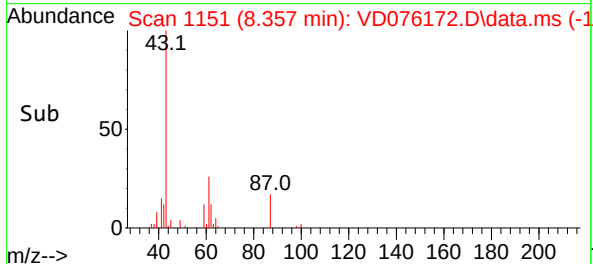
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion: 43 Resp: 3890
Ion Ratio Lower Upper
43 100
61 23.0 23.4 35.0
87 17.9 9.5 14.3

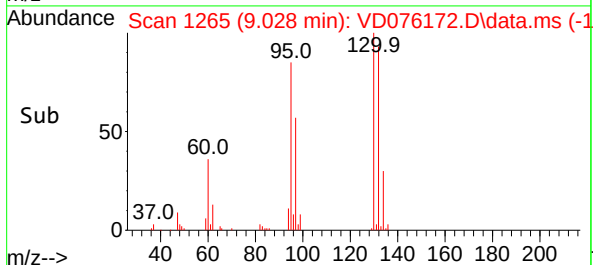
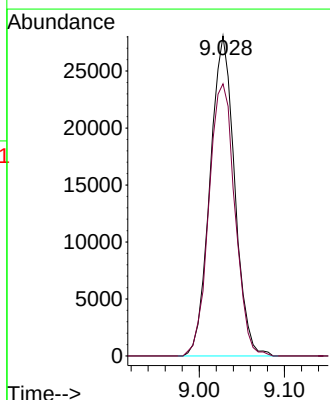
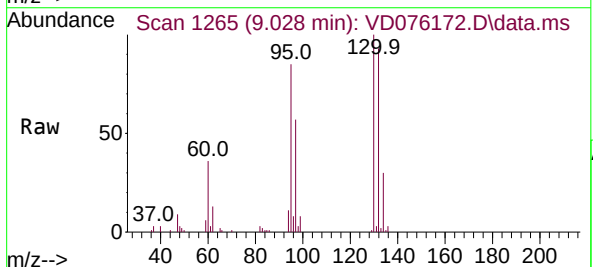
Manual Integrations
APPROVED

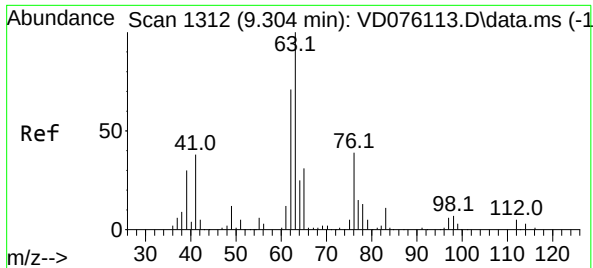
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#44
Trichloroethene
Concen: 17.871 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

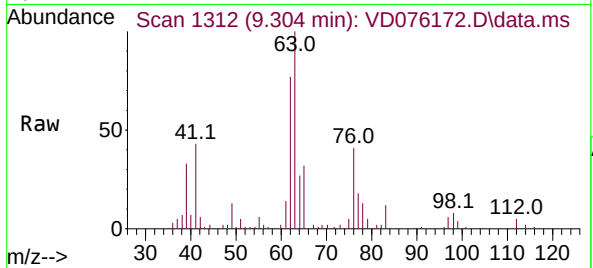
Tgt Ion:130 Resp: 56268
Ion Ratio Lower Upper
130 100
95 85.0 0.0 197.6





#45
1,2-Dichloropropane
Concen: 18.114 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

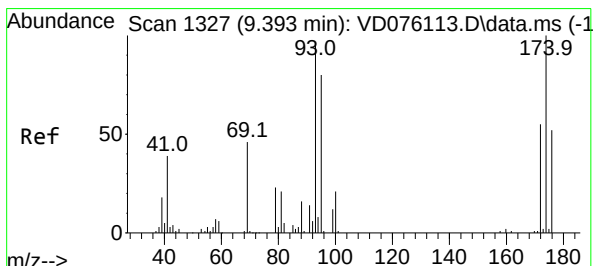
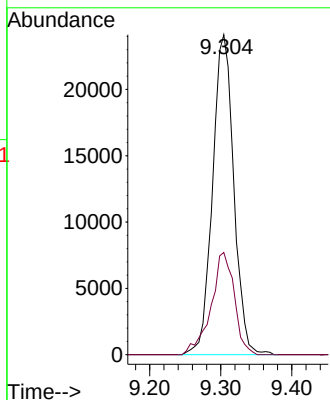
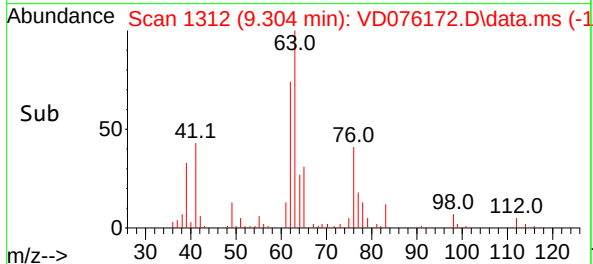
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion: 63 Resp: 4991
Ion Ratio Lower Upper
63 100
65 31.9 23.0 34.4

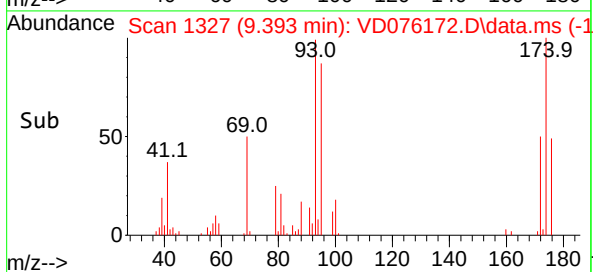
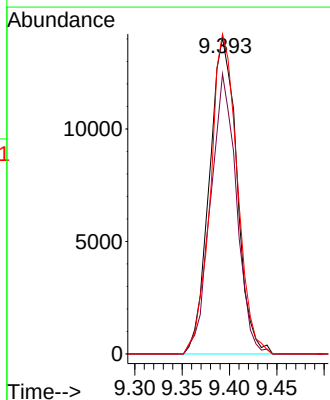
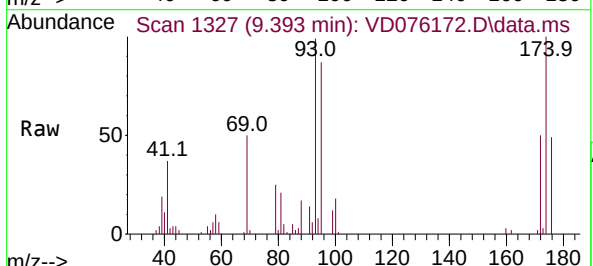
Manual Integrations
APPROVED

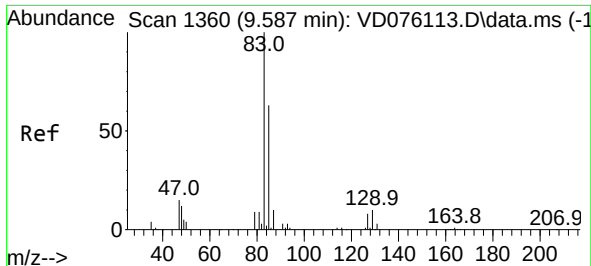
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#46
Dibromomethane
Concen: 18.402 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

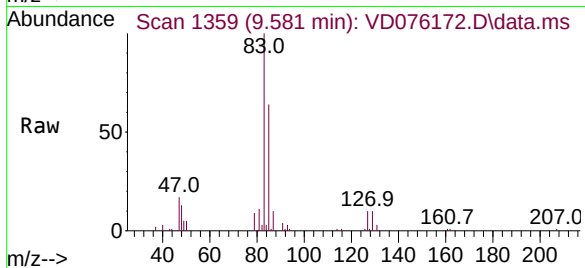
Tgt Ion: 93 Resp: 28425
Ion Ratio Lower Upper
93 100
95 83.3 64.5 96.7
174 98.7 76.2 114.4





#47
Bromodichloromethane
Concen: 18.724 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

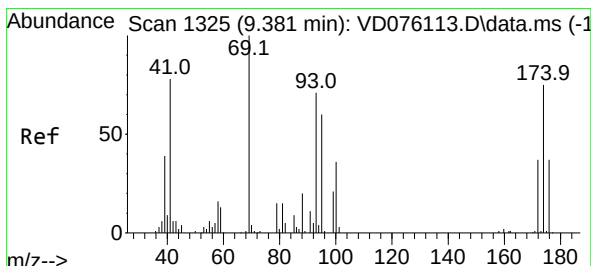
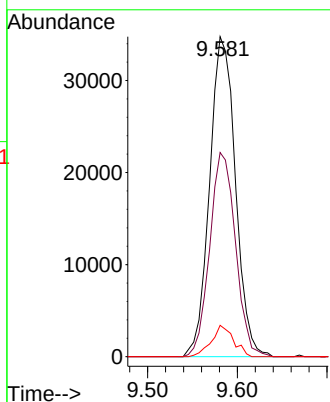
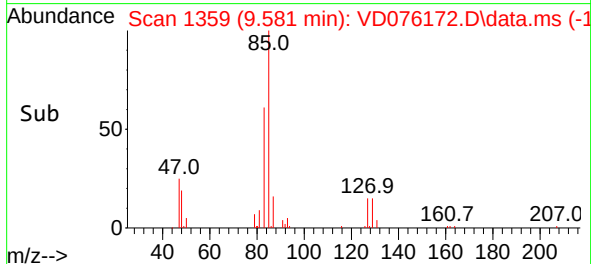
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



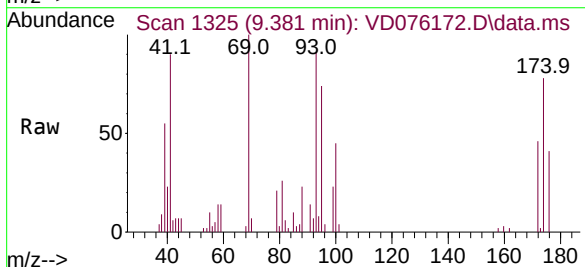
Tgt Ion: 83 Resp: 69509
Ion Ratio Lower Upper
83 100
85 63.8 53.7 80.5
127 9.8 7.0 10.6

Manual Integrations
APPROVED

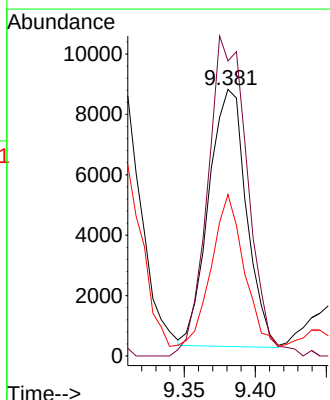
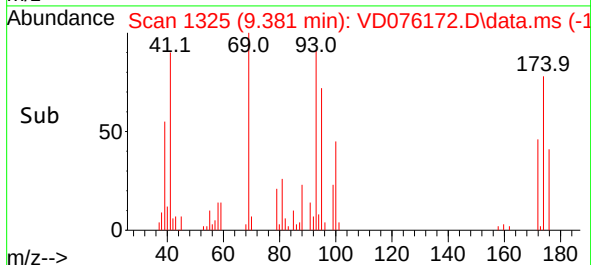
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

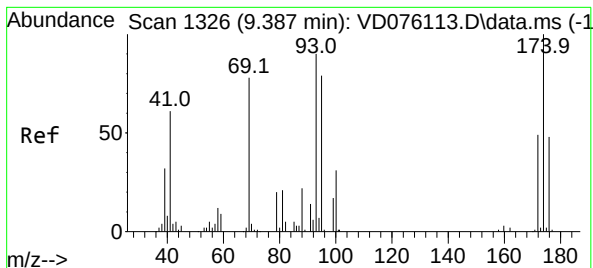


#48
Methyl methacrylate
Concen: 15.827 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53



Tgt Ion: 41 Resp: 15745
Ion Ratio Lower Upper
41 100
69 131.6 58.6 88.0#
39 59.3 53.4 80.0





#49

1,4-Dioxane

Concen: 349.322 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBSD01

Tgt Ion: 88 Resp: 5770

Ion Ratio Lower Upper

88 100

43 26.7 34.6 51.8

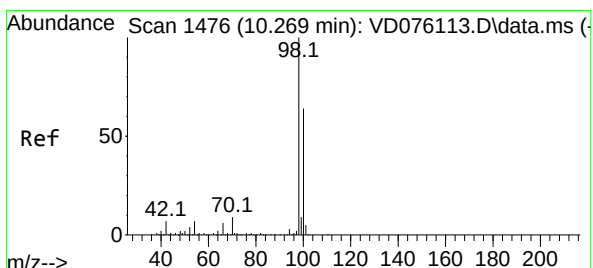
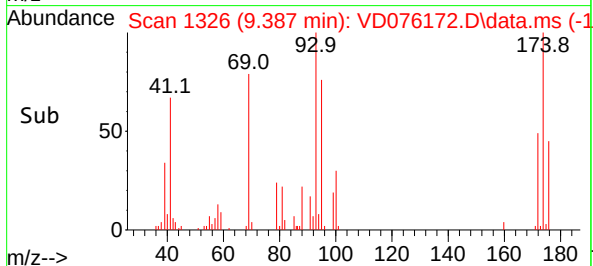
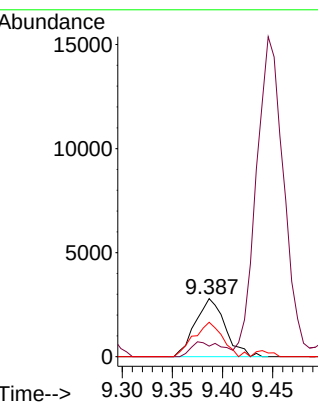
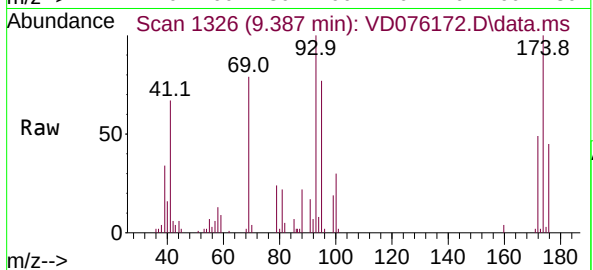
58 57.3 58.0 87.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#50

Toluene-d8

Concen: 43.885 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076172.D

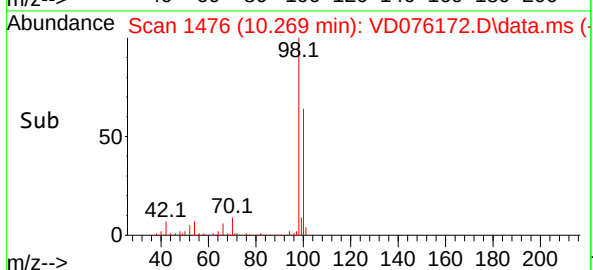
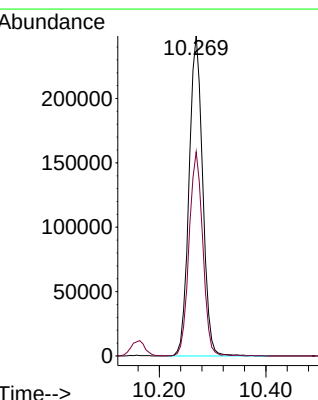
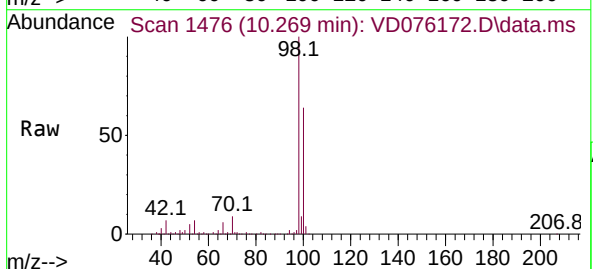
Acq: 22 May 2023 12:53

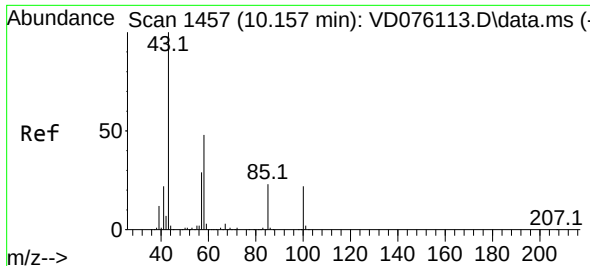
Tgt Ion: 98 Resp: 440168

Ion Ratio Lower Upper

98 100

100 63.7 52.1 78.1





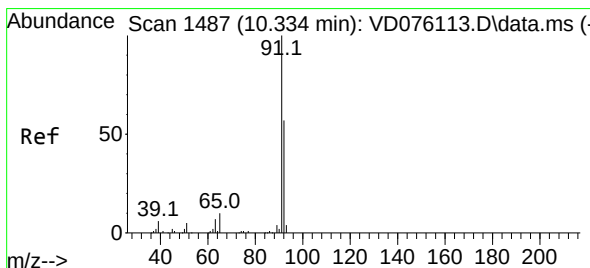
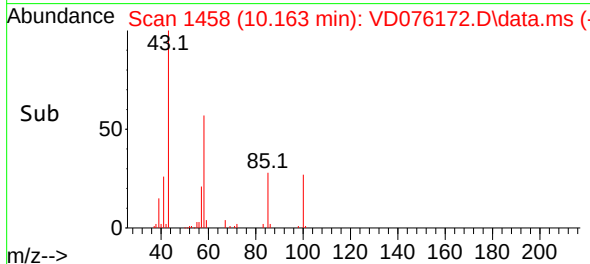
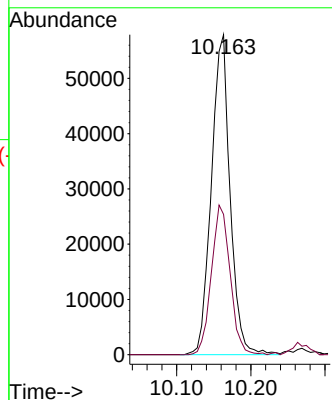
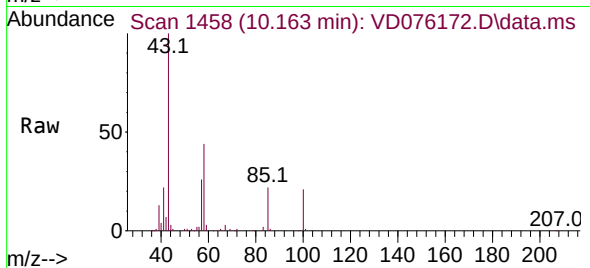
#51
4-Methyl-2-Pentanone
Concen: 84.928 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion: 43 Resp: 101530
Ion Ratio Lower Upper
43 100
58 46.9 29.5 44.3

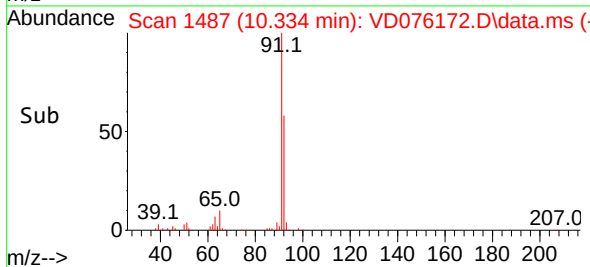
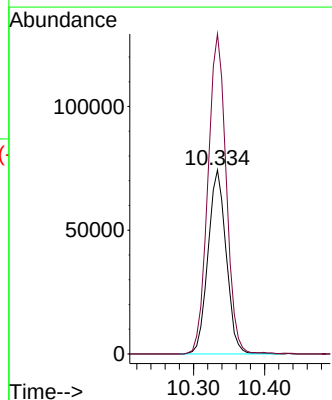
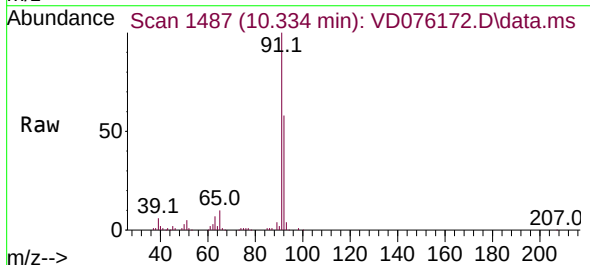
Manual Integrations
APPROVED

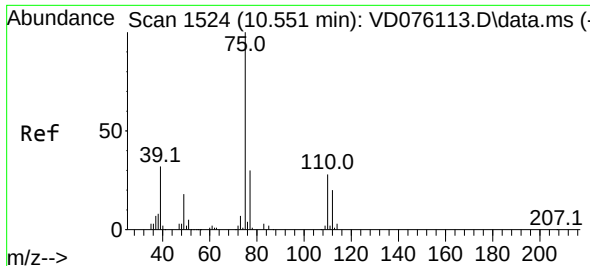
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#52
Toluene
Concen: 18.930 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

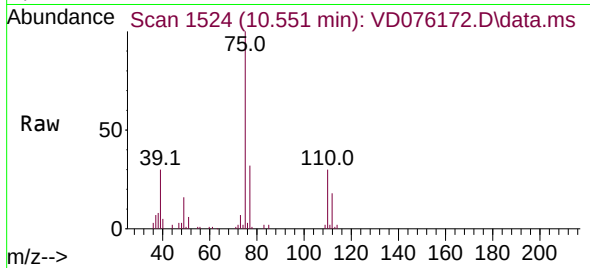
Tgt Ion: 92 Resp: 132088
Ion Ratio Lower Upper
92 100
91 174.4 136.5 204.7





#53
 t-1,3-Dichloropropene
 Concen: 18.240 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD076172.D
 Acq: 22 May 2023 12:53

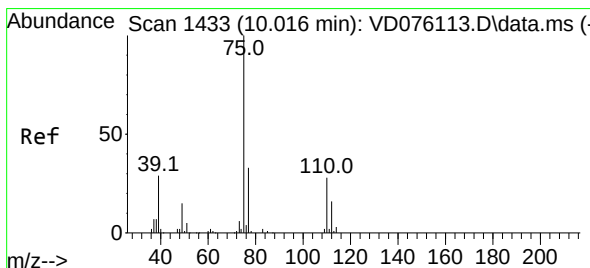
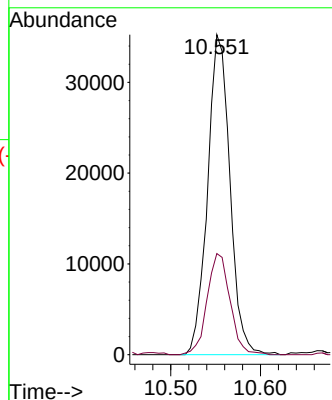
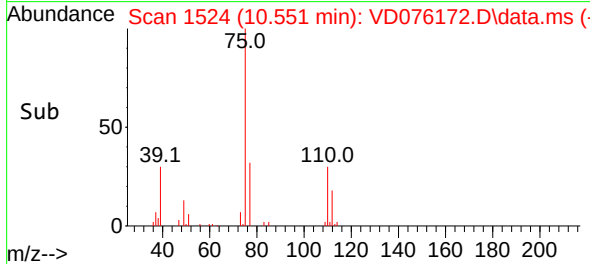
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBSD01



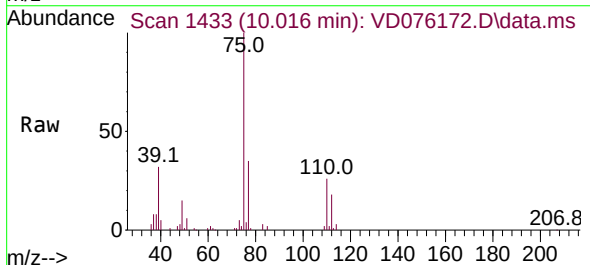
Tgt Ion: 75 Resp: 61029
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.3 39.5

Manual Integrations
 APPROVED

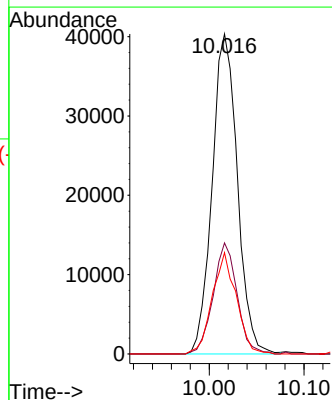
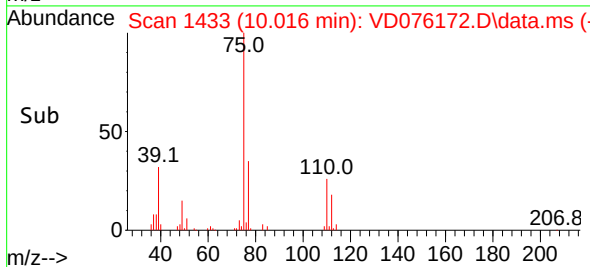
Reviewed By :Krupa Patel 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

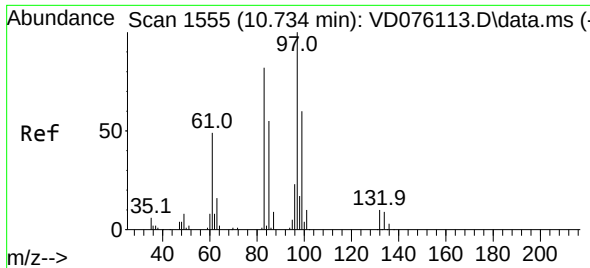


#54
 cis-1,3-Dichloropropene
 Concen: 18.269 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076172.D
 Acq: 22 May 2023 12:53



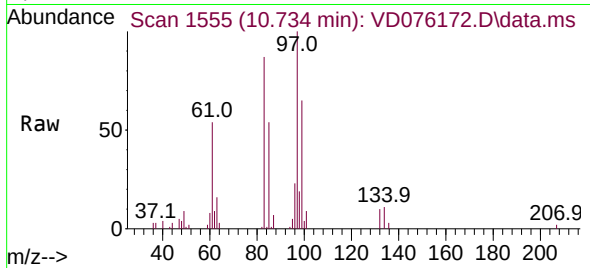
Tgt Ion: 75 Resp: 74596
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.6 38.4
 39 31.7 44.8 67.2#





#55
1,1,2-Trichloroethane
Concen: 18.625 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

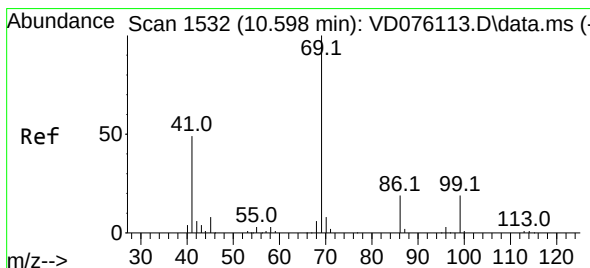
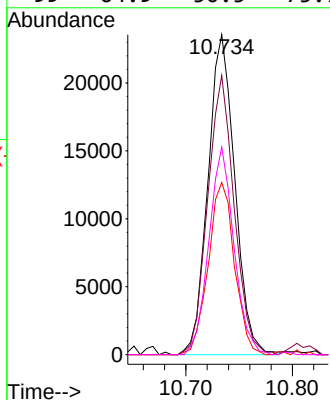
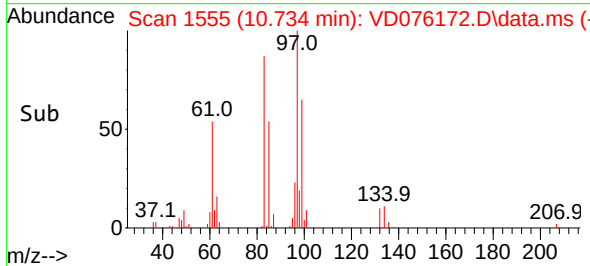
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion: 97 Resp: 41250
Ion Ratio Lower Upper
97 100
83 87.3 74.2 111.4
85 53.8 45.4 68.0
99 64.9 50.5 75.7

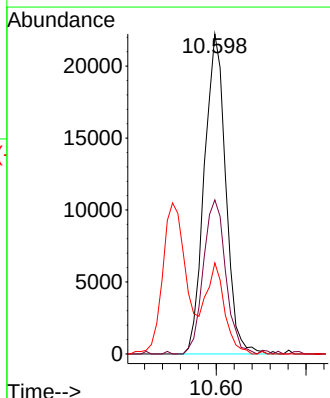
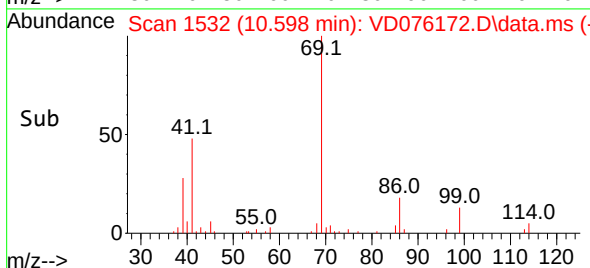
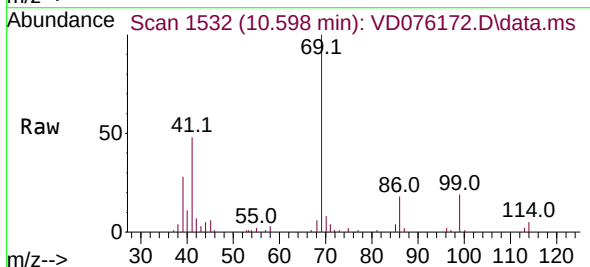
Manual Integrations
APPROVED

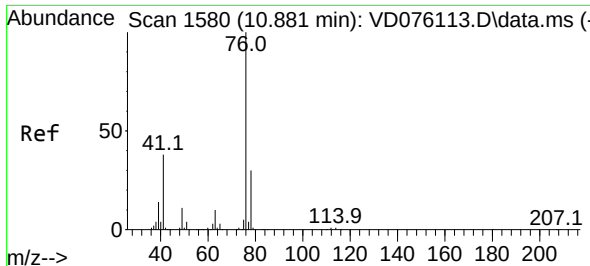
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#56
Ethyl methacrylate
Concen: 16.543 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion: 69 Resp: 36832
Ion Ratio Lower Upper
69 100
41 50.5 59.3 88.9#
39 24.4 36.0 54.0#





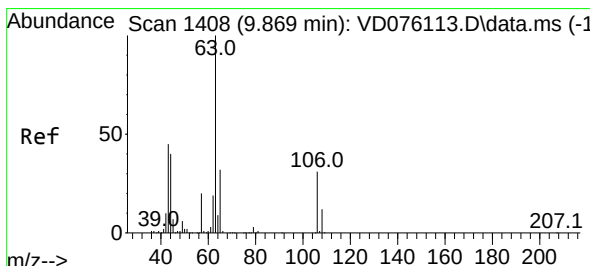
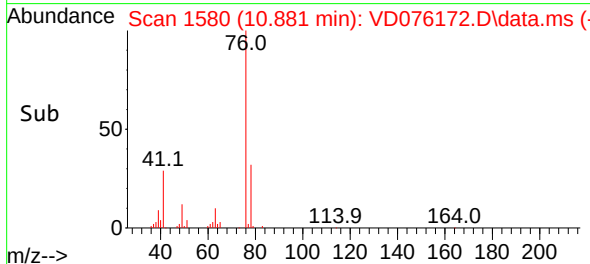
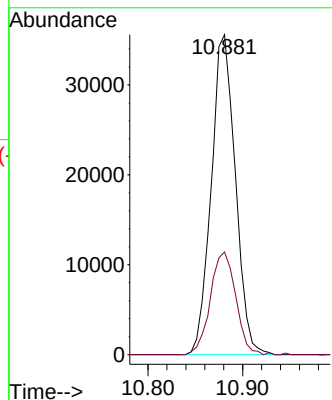
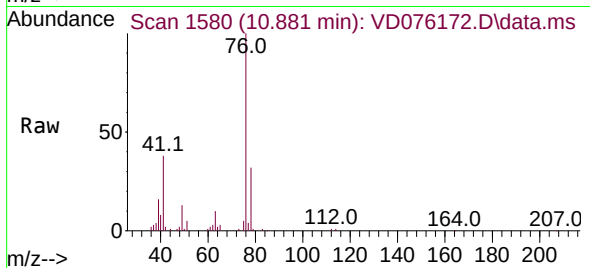
#57
1,3-Dichloropropane
Concen: 18.114 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion: 76 Resp: 62949
Ion Ratio Lower Upper
76 100
78 33.8 25.6 38.4

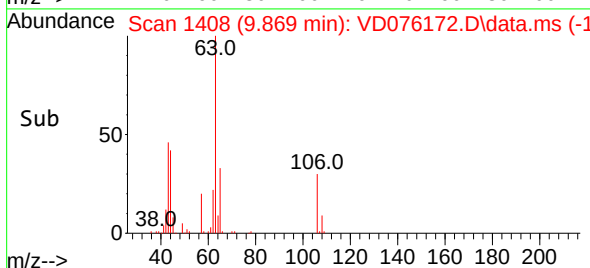
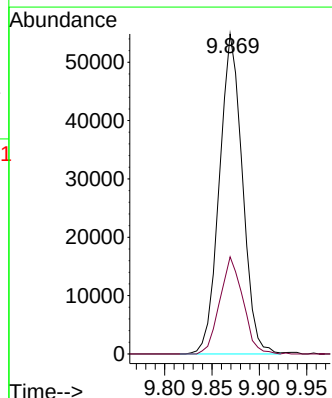
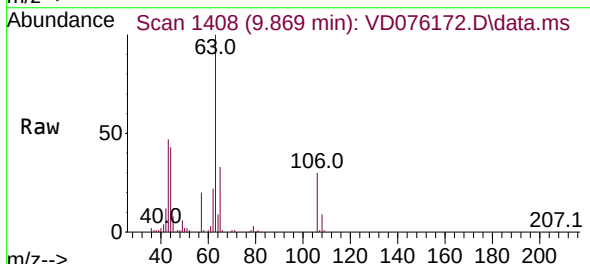
Manual Integrations
APPROVED

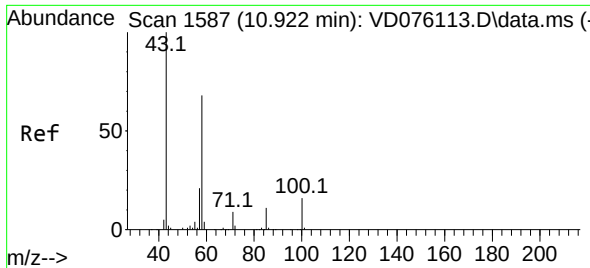
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#58
2-Chloroethyl Vinyl ether
Concen: 86.897 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

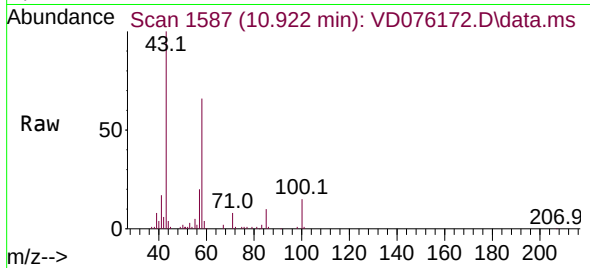
Tgt Ion: 63 Resp: 92828
Ion Ratio Lower Upper
63 100
106 30.5 21.4 32.2





#59
2-Hexanone
Concen: 85.899 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

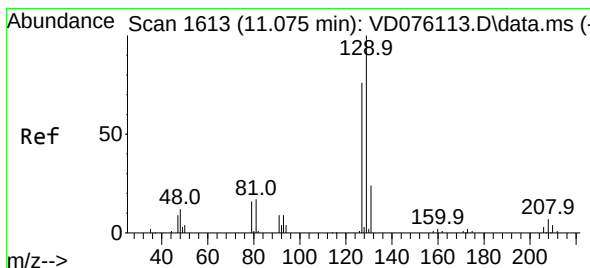
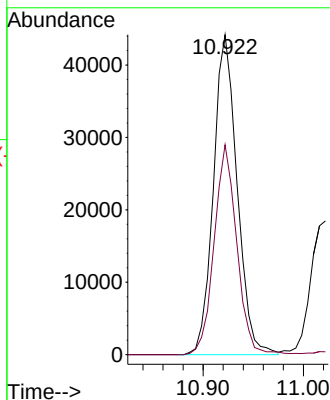
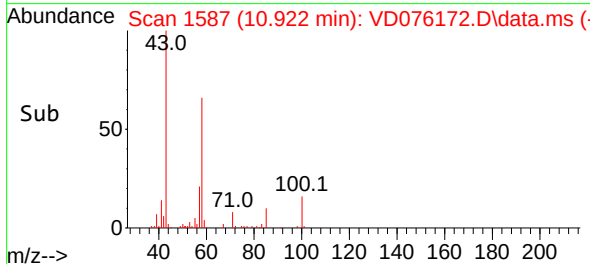
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion: 43 Resp: 7242
Ion Ratio Lower Upper
43 100
58 62.7 25.3 75.8

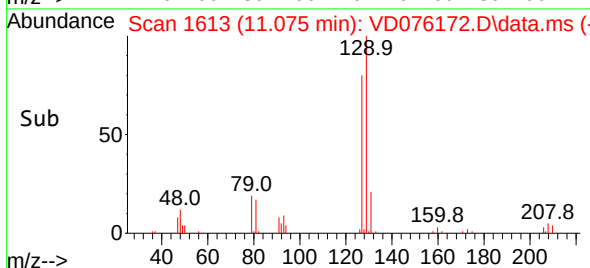
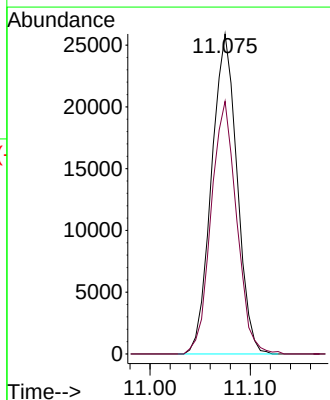
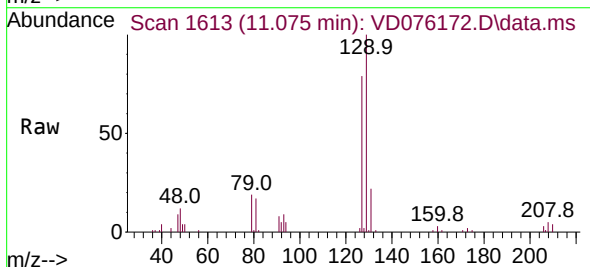
Manual Integrations
APPROVED

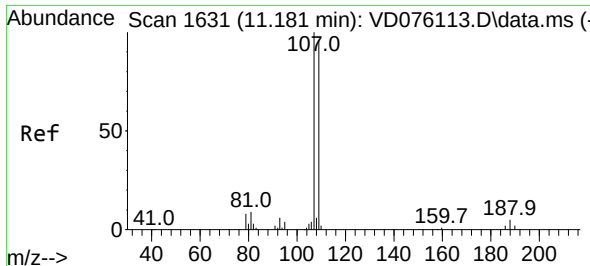
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#60
Dibromochloromethane
Concen: 18.354 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion:129 Resp: 45714
Ion Ratio Lower Upper
129 100
127 79.0 38.1 114.5





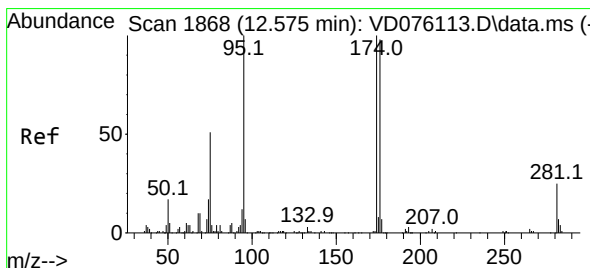
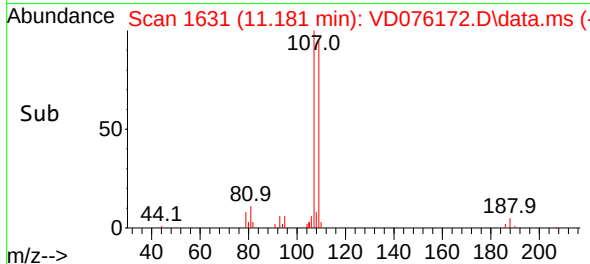
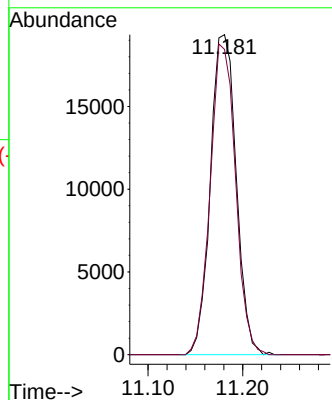
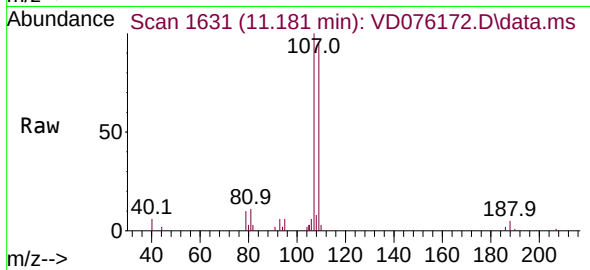
#61
1,2-Dibromoethane
Concen: 18.530 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion:107 Resp: 36512
Ion Ratio Lower Upper
107 100
109 95.6 73.6 110.4

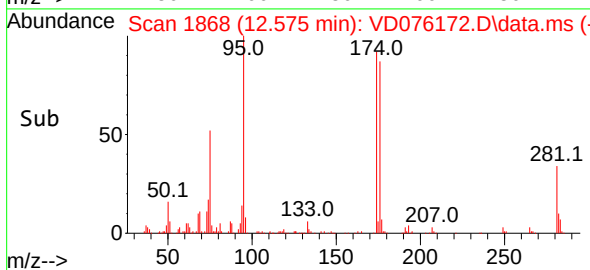
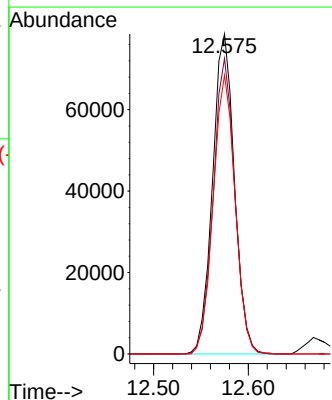
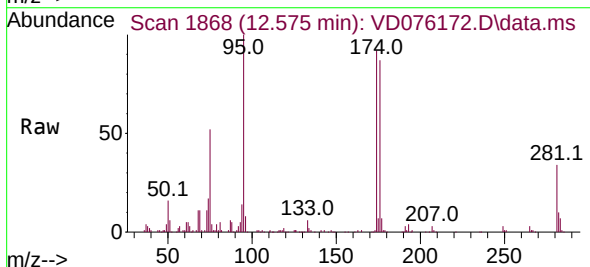
Manual Integrations
APPROVED

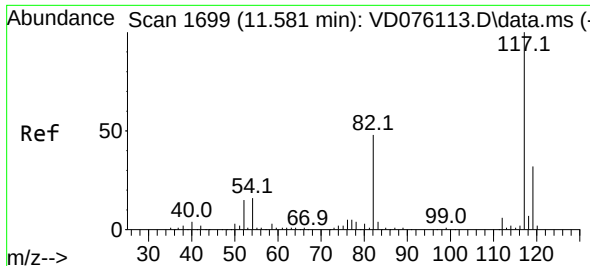
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#62
4-Bromofluorobenzene
Concen: 45.147 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

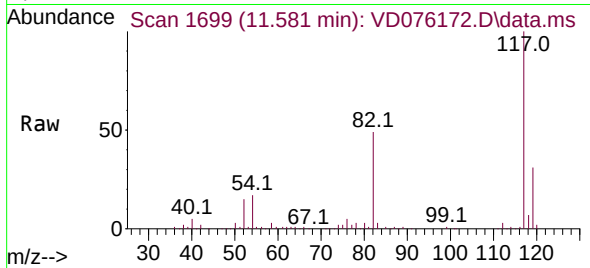
Tgt Ion: 95 Resp: 125791
Ion Ratio Lower Upper
95 100
174 91.5 0.0 164.0
176 87.5 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

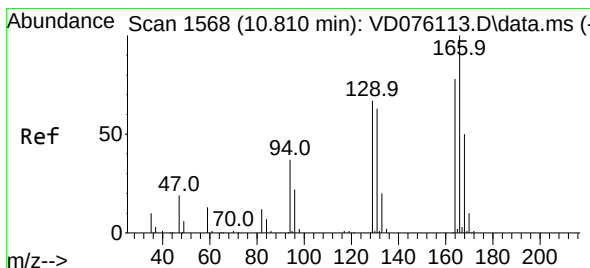
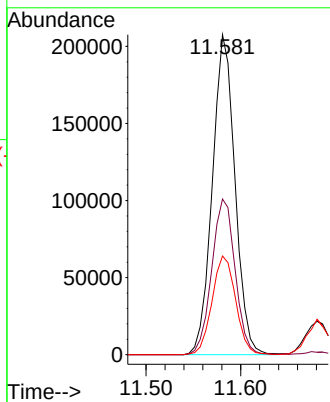
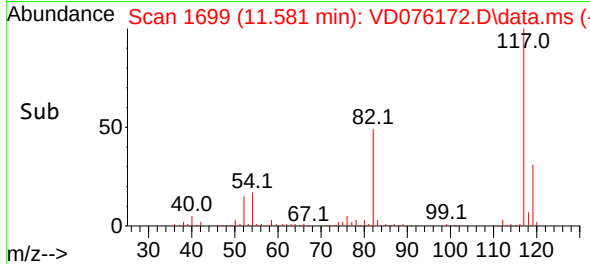
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion:117 Resp: 34494
Ion Ratio Lower Upper
117 100
82 48.6 44.0 66.0
119 30.9 25.1 37.7

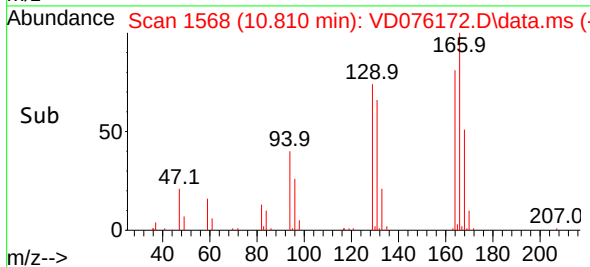
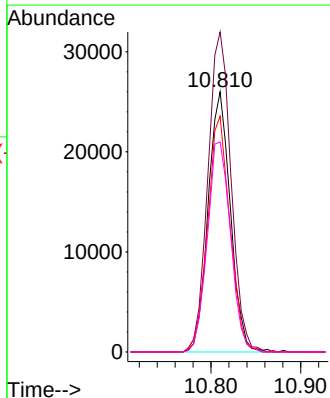
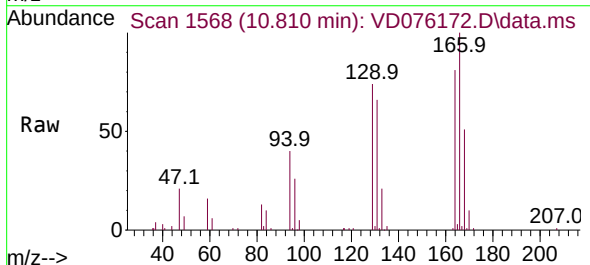
Manual Integrations
APPROVED

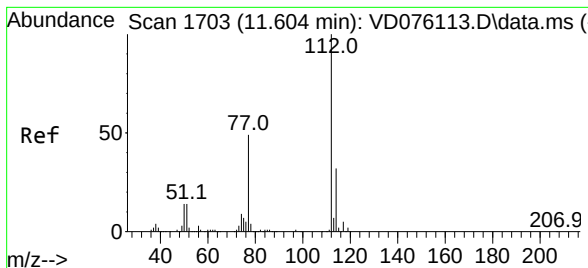
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#64
Tetrachloroethene
Concen: 16.851 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

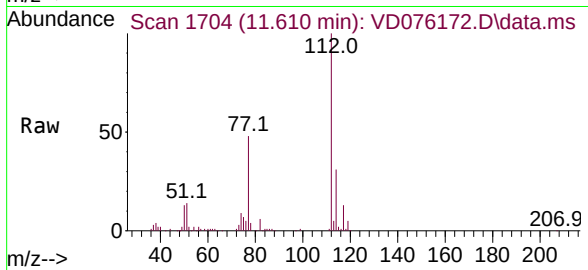
Tgt Ion:164 Resp: 44697
Ion Ratio Lower Upper
164 100
166 123.0 94.9 142.3
129 90.6 73.0 109.6
131 80.7 69.2 103.8





#65
Chlorobenzene
Concen: 18.133 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

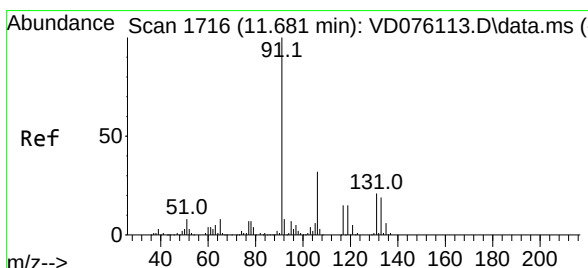
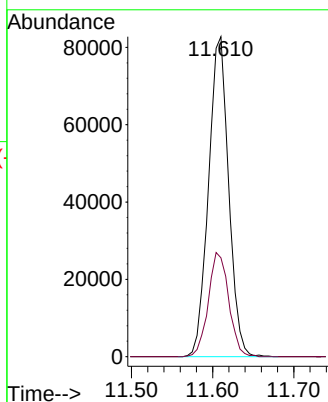
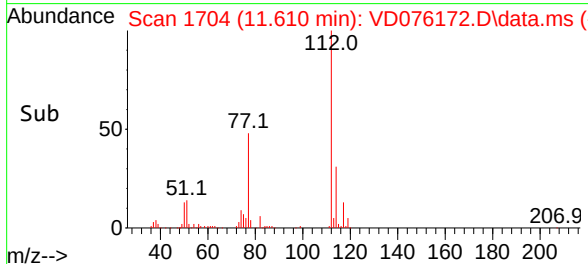
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



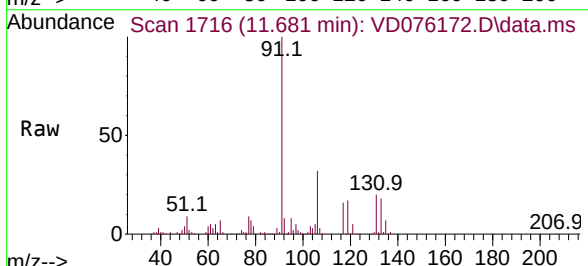
Tgt Ion:112 Resp: 142398
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8

Manual Integrations
APPROVED

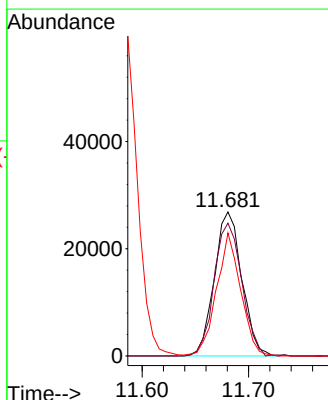
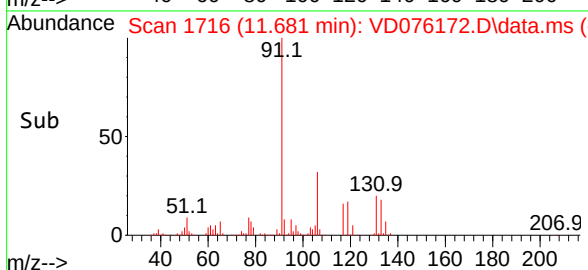
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

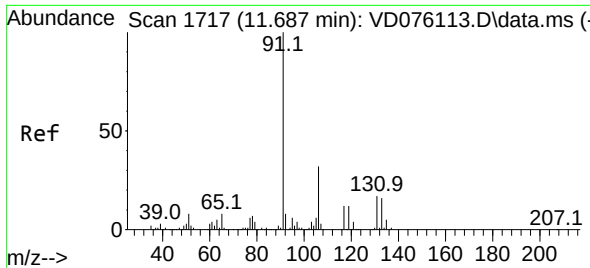


#66
1,1,1,2-Tetrachloroethane
Concen: 17.764 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53



Tgt Ion:131 Resp: 48007
Ion Ratio Lower Upper
131 100
133 93.3 46.7 140.0
119 75.2 31.9 95.9





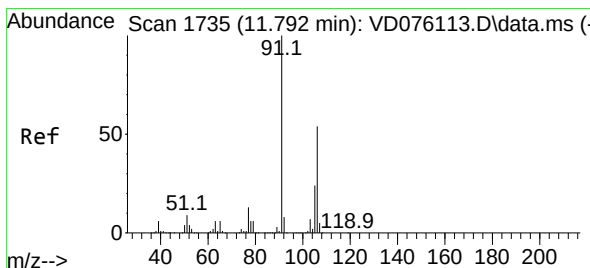
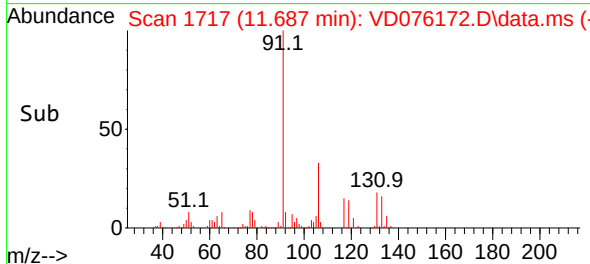
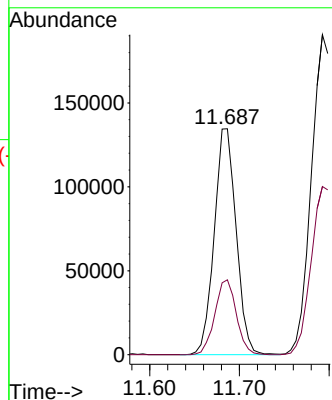
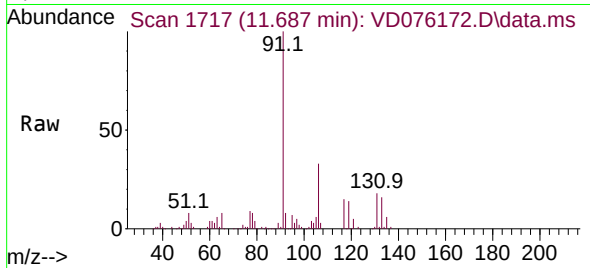
#67
Ethyl Benzene
Concen: 18.195 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion: 91 Resp: 228312
Ion Ratio Lower Upper
91 100
106 33.1 24.5 36.7

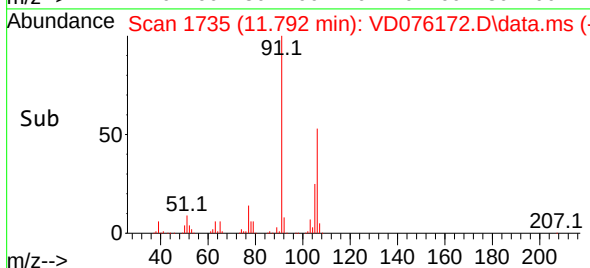
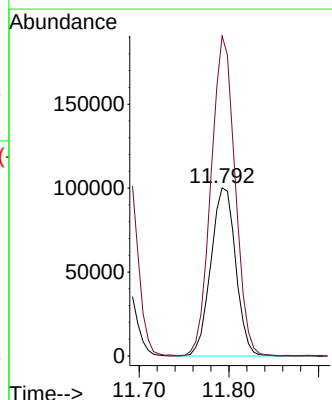
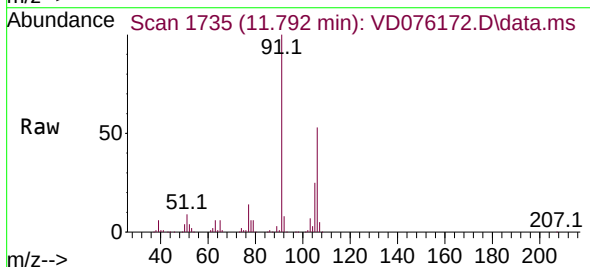
Manual Integrations
APPROVED

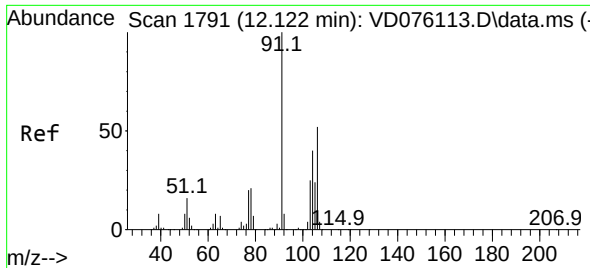
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#68
m/p-Xylenes
Concen: 37.510 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

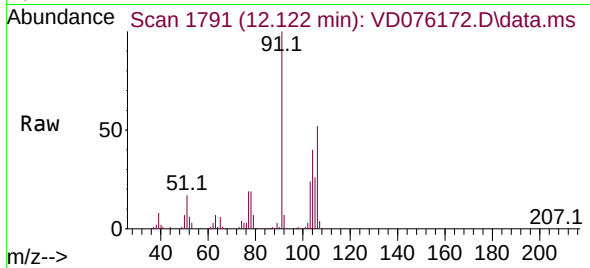
Tgt Ion:106 Resp: 192371
Ion Ratio Lower Upper
106 100
91 184.6 161.5 242.3





#69
o-Xylene
Concen: 18.287 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

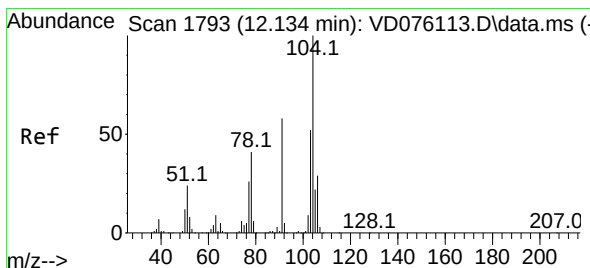
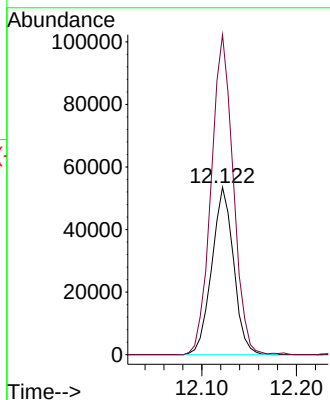
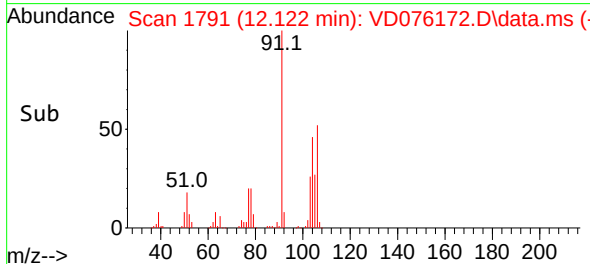
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion:106 Resp: 8557
Ion Ratio Lower Upper
106 100
91 194.0 105.7 317.1

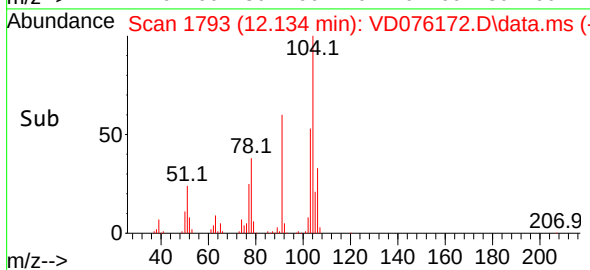
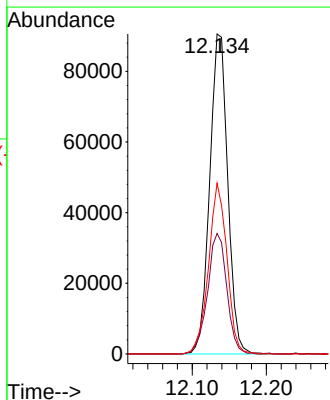
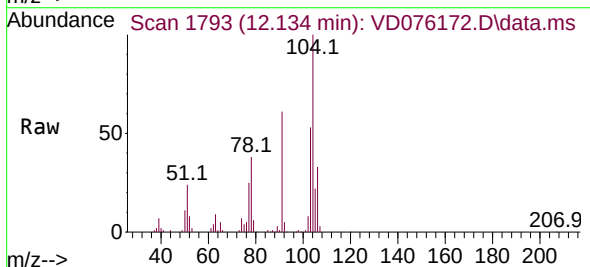
Manual Integrations
APPROVED

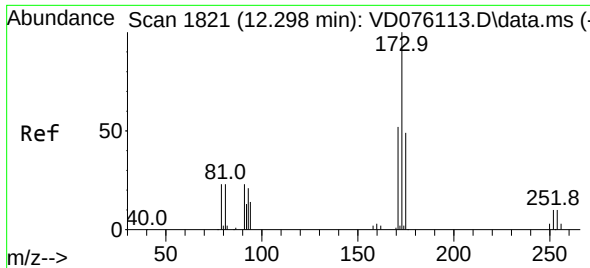
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#70
Styrene
Concen: 18.849 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion:104 Resp: 152929
Ion Ratio Lower Upper
104 100
78 40.3 40.2 60.4
103 54.5 44.2 66.2





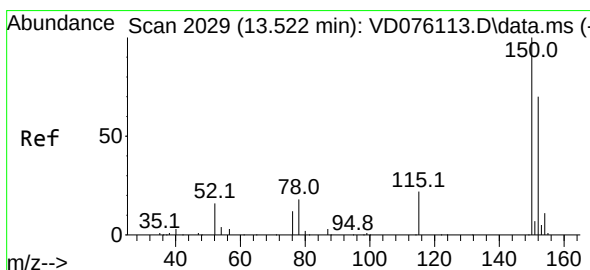
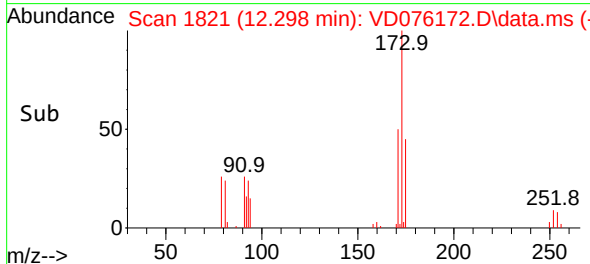
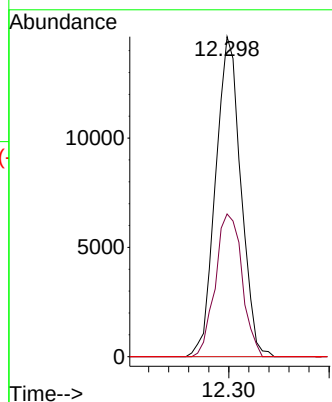
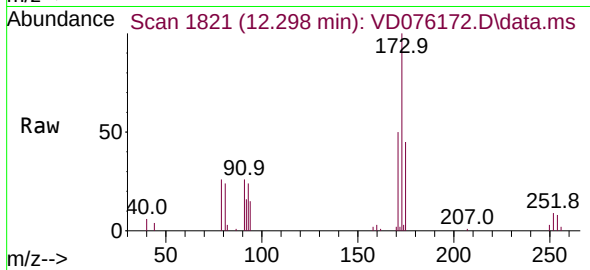
#71
Bromoform
Concen: 16.780 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion:173 Resp: 2550
Ion Ratio Lower Upper
173 100
175 47.2 23.5 70.5
254 0.0 0.0 0.0

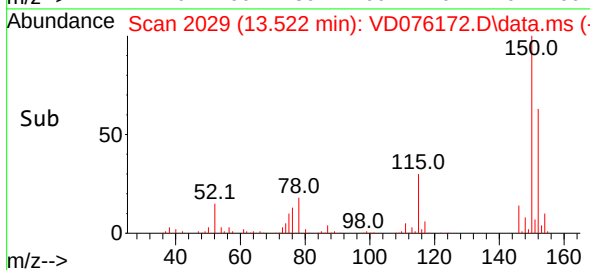
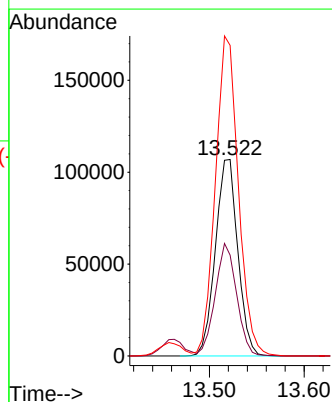
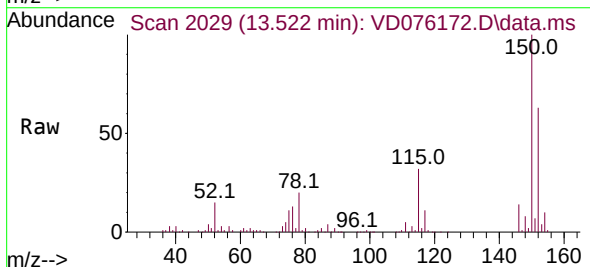
Manual Integrations
APPROVED

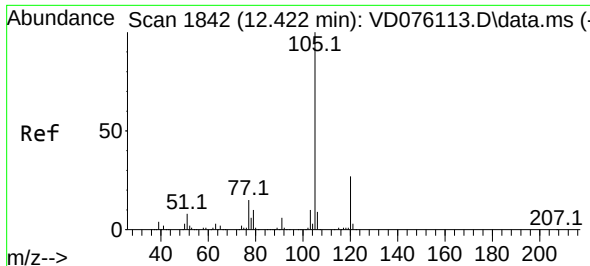
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

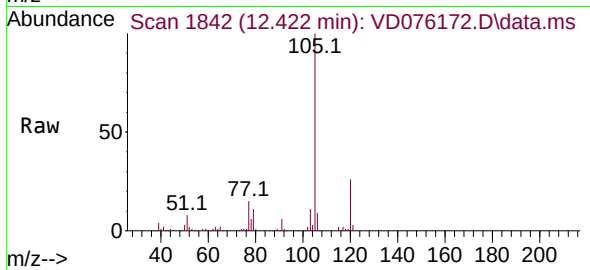
Tgt Ion:152 Resp: 175564
Ion Ratio Lower Upper
152 100
115 54.8 30.1 90.3
150 167.5 0.0 364.8





#73
Isopropylbenzene
Concen: 18.502 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

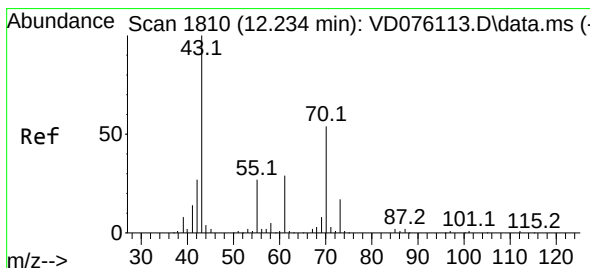
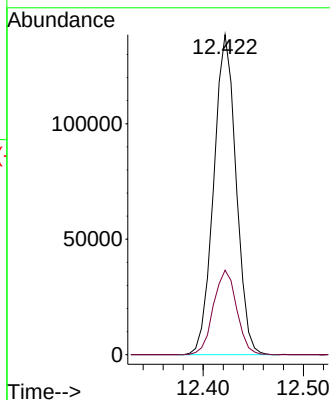
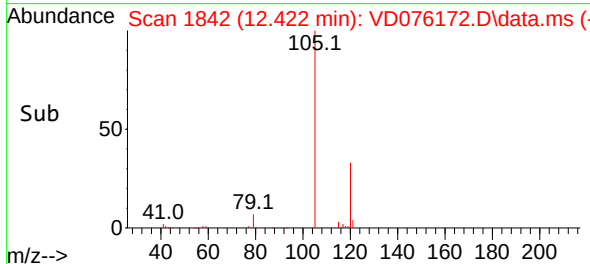
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion:105 Resp: 214880
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1

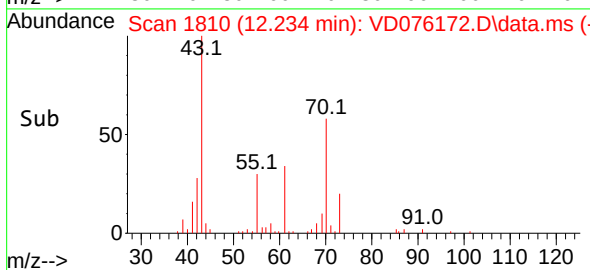
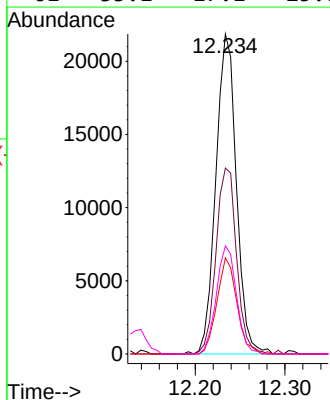
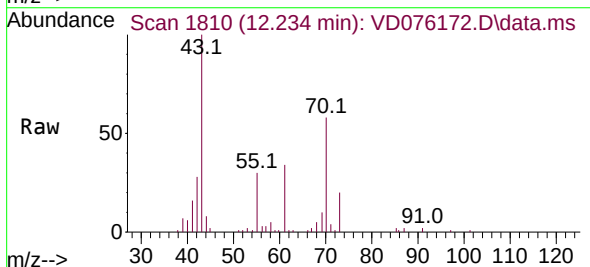
Manual Integrations
APPROVED

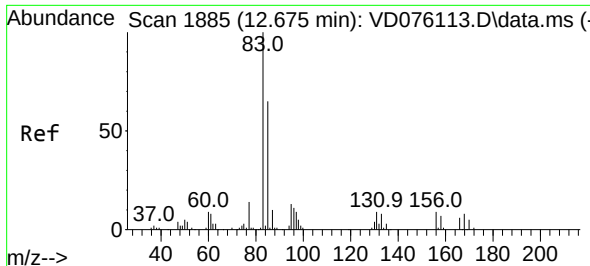
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#74
N-ethyl acetate
Concen: 16.791 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion: 43 Resp: 34735
Ion Ratio Lower Upper
43 100
70 58.0 31.0 46.4#
55 29.2 18.6 28.0#
61 33.1 17.1 25.7#





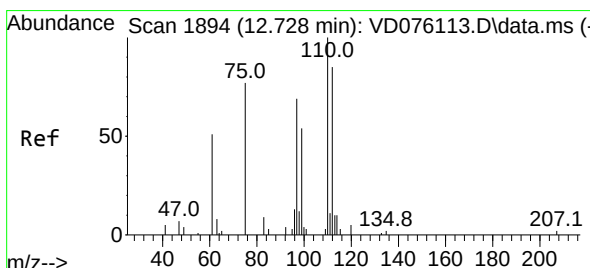
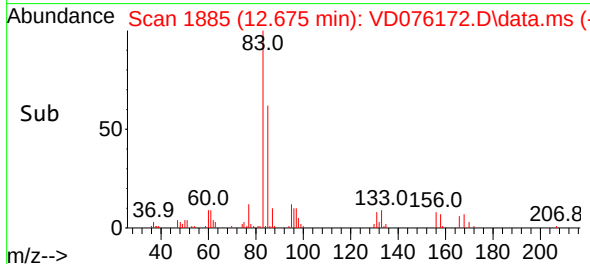
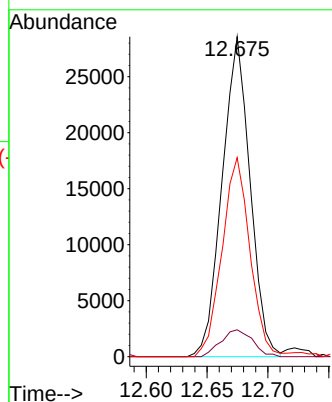
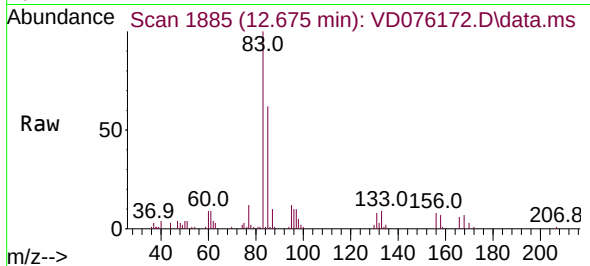
#75
1,1,2,2-Tetrachloroethane
Concen: 18.242 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion: 83 Resp: 4553
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.2
85 62.4 33.6 100.6

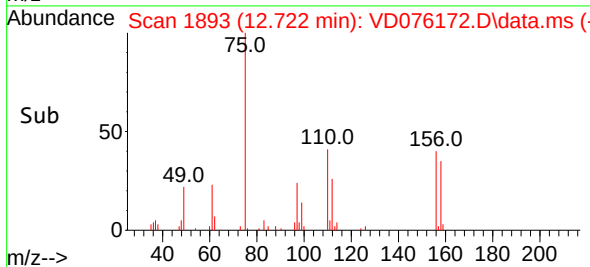
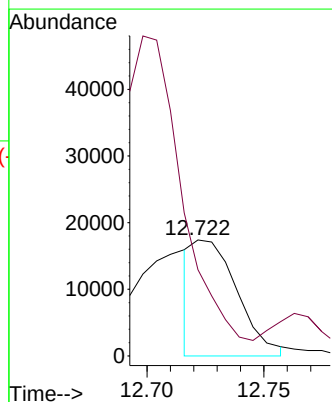
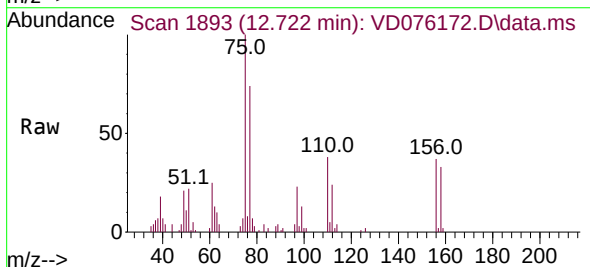
Manual Integrations
APPROVED

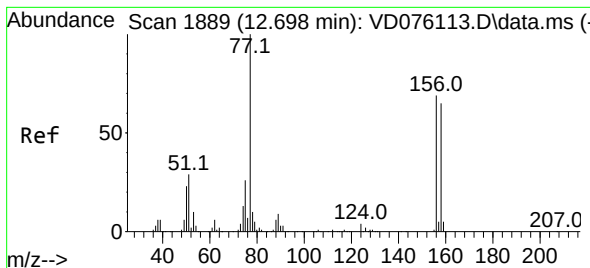
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#76
1,2,3-Trichloropropane
Concen: 15.003 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion: 75 Resp: 23049
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.474 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBSD01

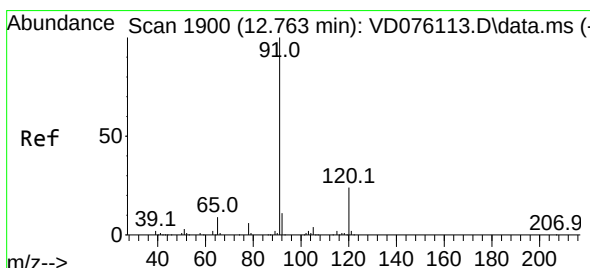
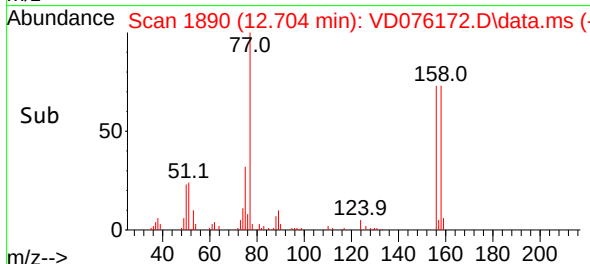
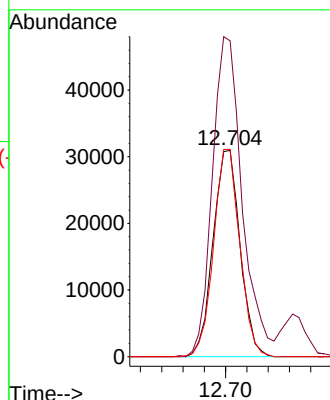
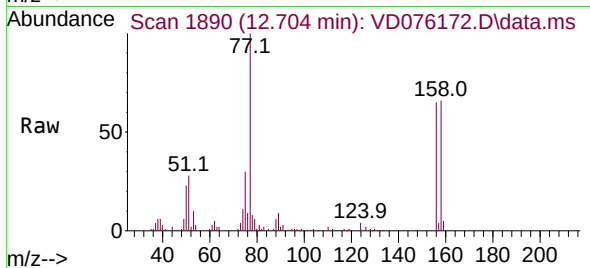
Tgt Ion:	156	Resp:	5439
Ion Ratio	Lower	Upper	
156	100		
77	171.6	89.5	268.6
158	97.4	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#78

n-propylbenzene

Concen: 19.177 ug/l

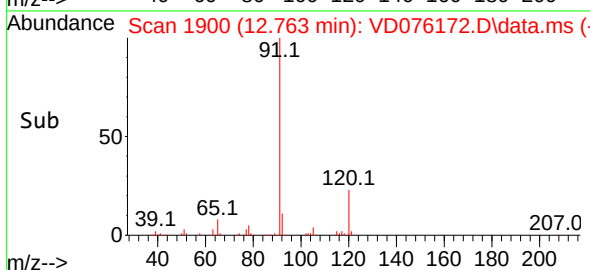
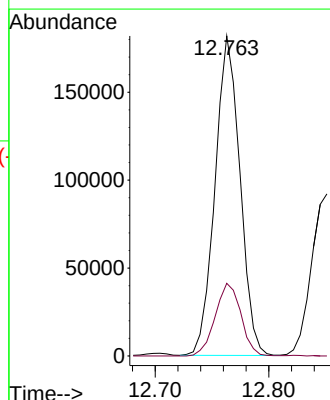
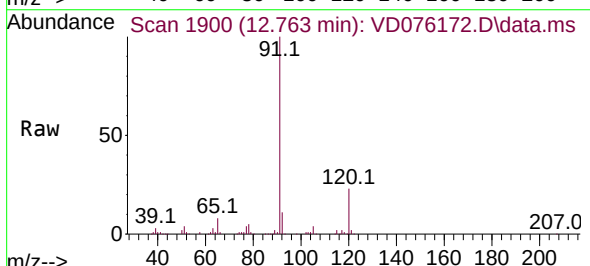
RT: 12.763 min Scan# 1900

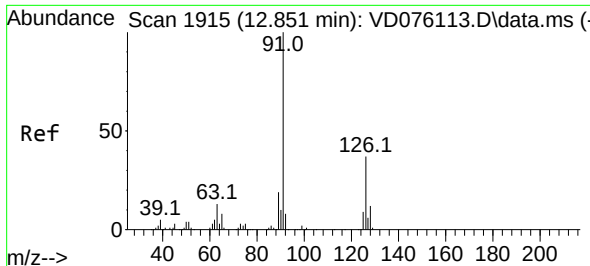
Delta R.T. -0.000 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

Tgt Ion:	91	Resp:	277222
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.4	34.2





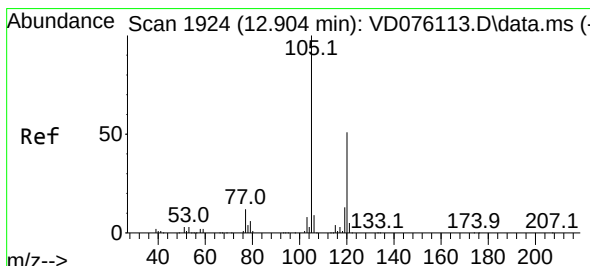
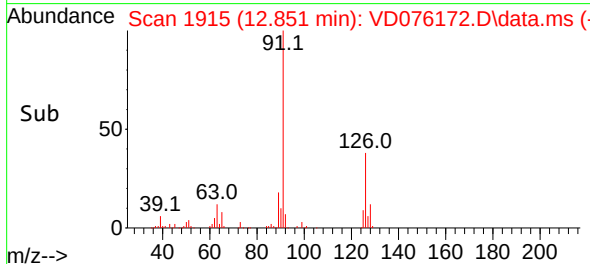
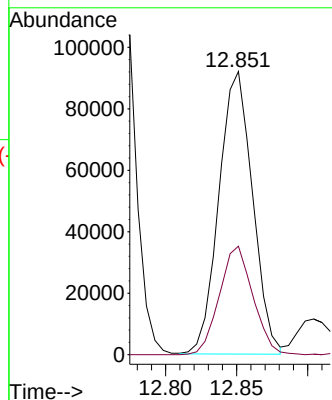
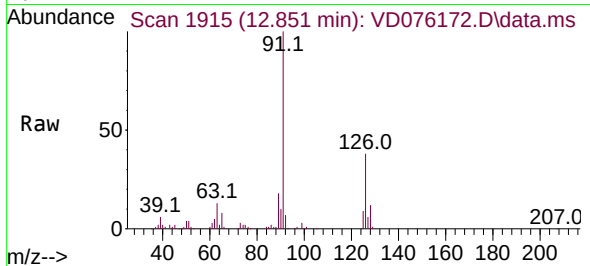
#79
2-Chlorotoluene
Concen: 18.934 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion: 91 Resp: 151480
Ion Ratio Lower Upper
91 100
126 38.2 16.8 50.3

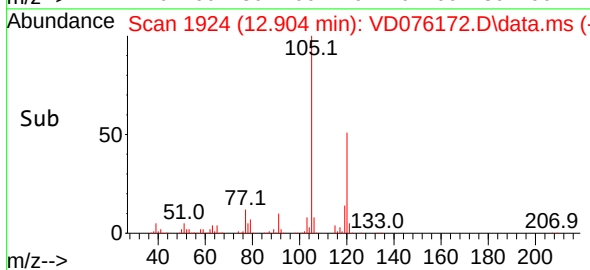
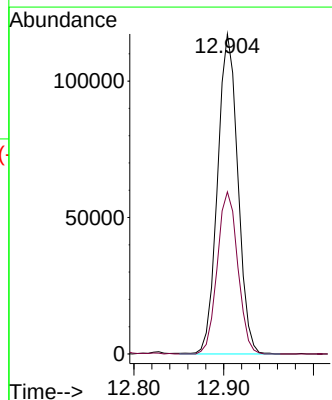
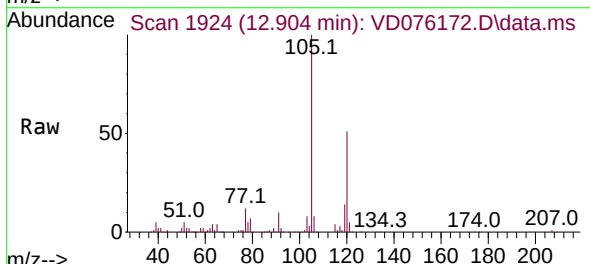
Manual Integrations
APPROVED

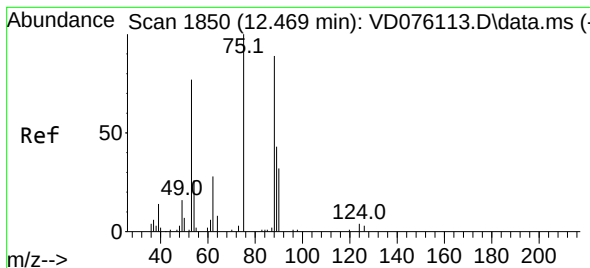
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.116 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion:105 Resp: 184042
Ion Ratio Lower Upper
105 100
120 51.1 24.3 72.8





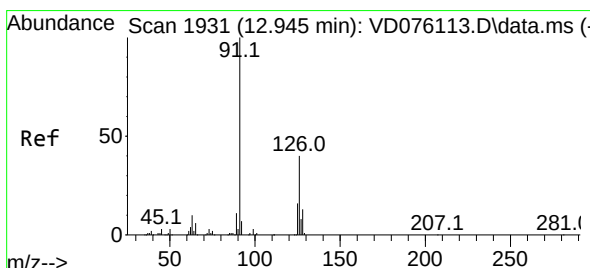
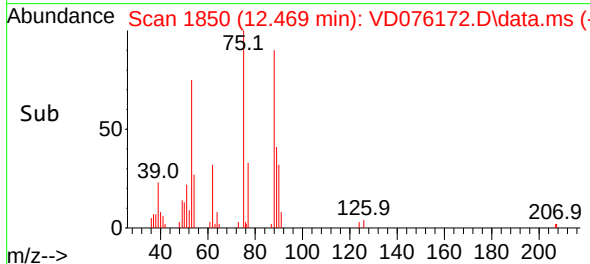
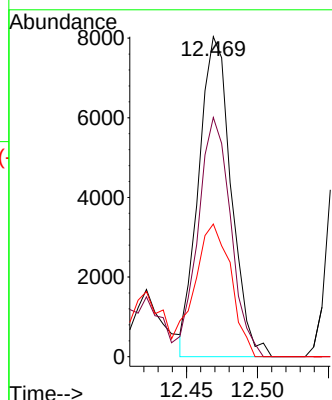
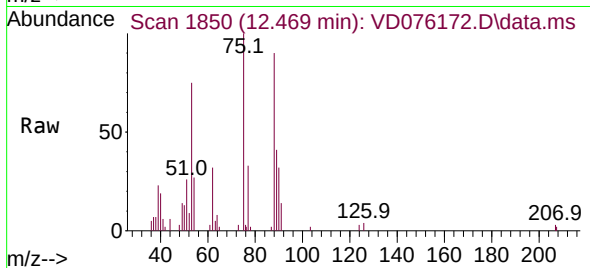
#81
trans-1,4-Dichloro-2-butene
Concen: 17.451 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion: 75 Resp: 12780
Ion Ratio Lower Upper
75 100
53 75.6 90.5 135.7
89 46.7 40.2 60.4

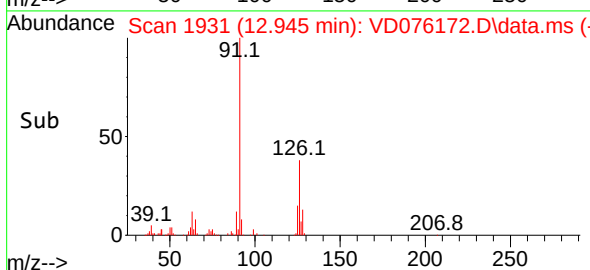
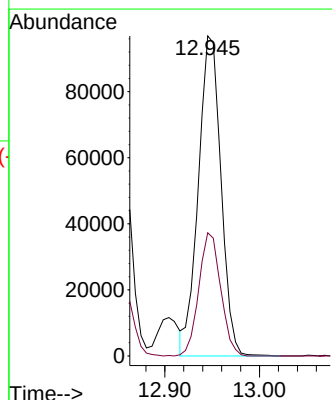
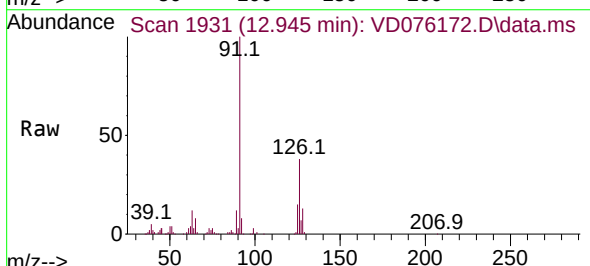
Manual Integrations
APPROVED

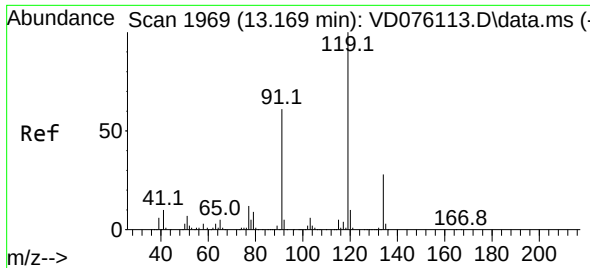
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#82
4-Chlorotoluene
Concen: 18.917 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion: 91 Resp: 160980
Ion Ratio Lower Upper
91 100
126 37.2 17.1 51.2





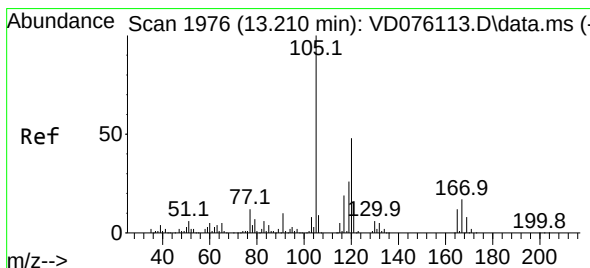
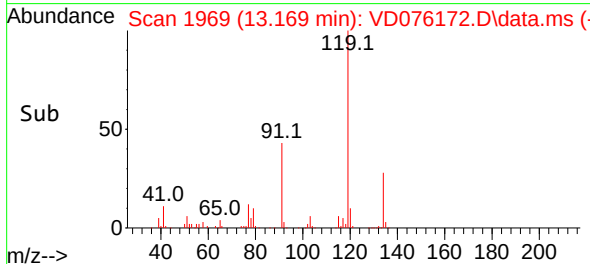
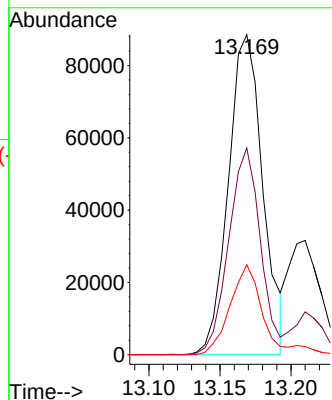
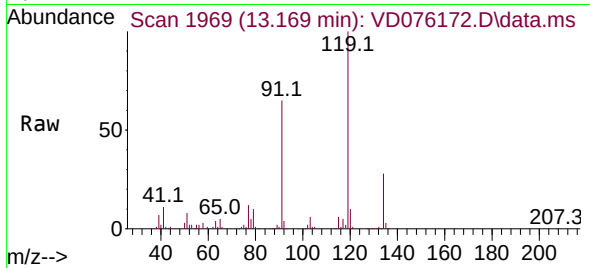
#83
tert-Butylbenzene
Concen: 18.387 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion:119 Resp: 14961
Ion Ratio Lower Upper
119 100
91 59.6 32.4 97.0
134 27.3 13.0 39.0

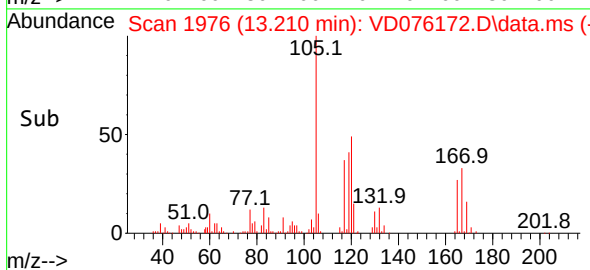
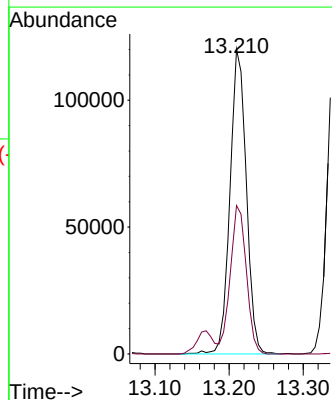
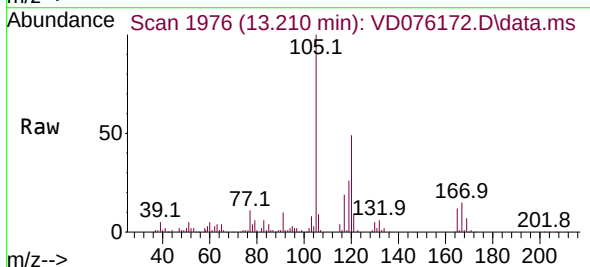
Manual Integrations
APPROVED

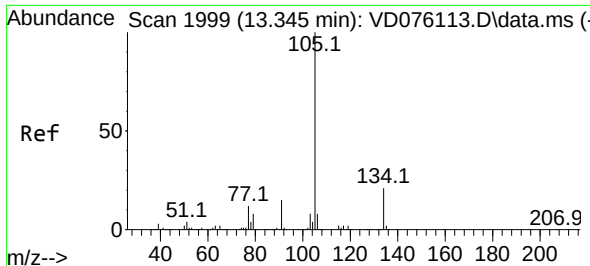
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.166 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

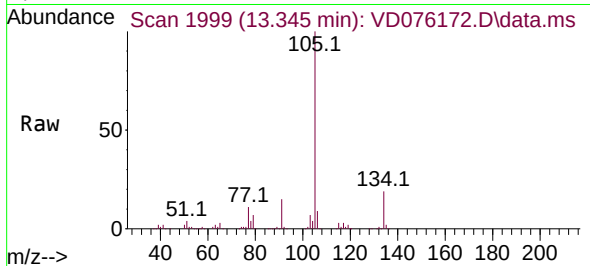
Tgt Ion:105 Resp: 183769
Ion Ratio Lower Upper
105 100
120 47.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 19.052 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076172.D
 Acq: 22 May 2023 12:53

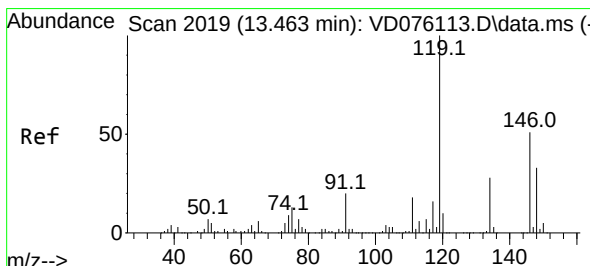
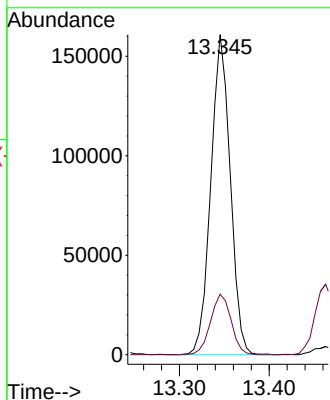
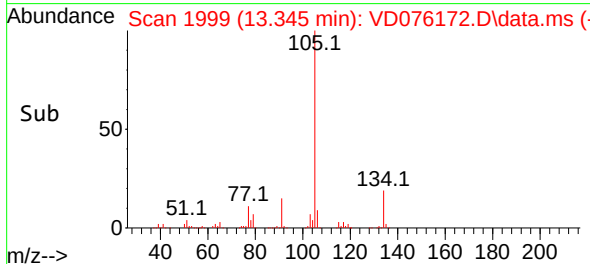
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBSD01



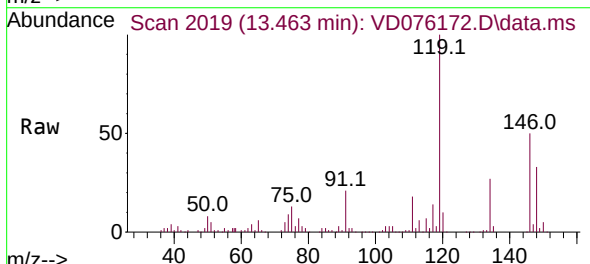
Tgt Ion:105 Resp: 241580
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations
 APPROVED

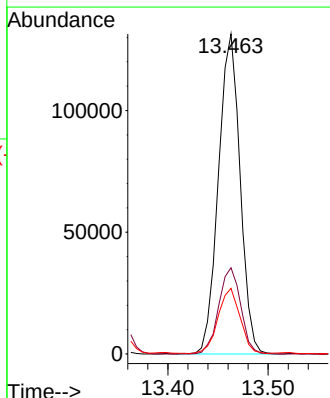
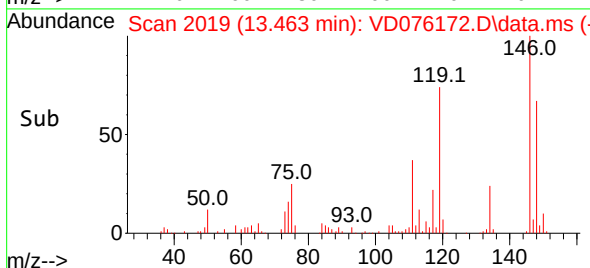
Reviewed By :Krupa Patel 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

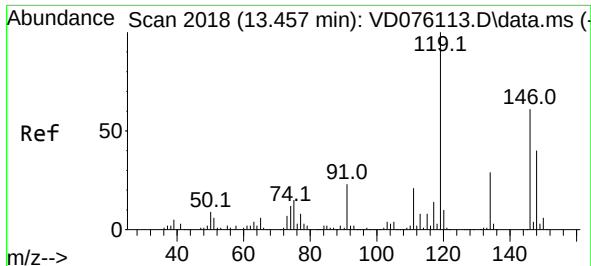


#86
 p-Isopropyltoluene
 Concen: 19.015 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076172.D
 Acq: 22 May 2023 12:53



Tgt Ion:119 Resp: 197294
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 20.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.231 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0522SBS01

Tgt Ion:146 Resp: 114739

Ion Ratio Lower Upper

146 100

111 37.4 19.8 59.3

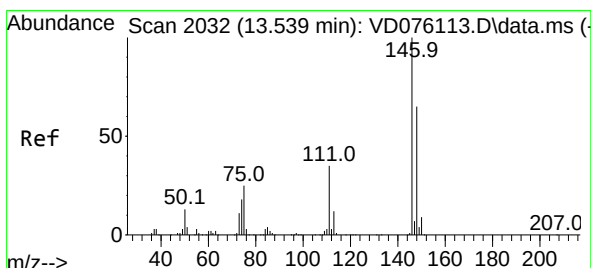
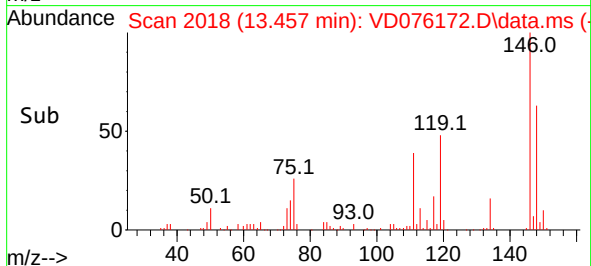
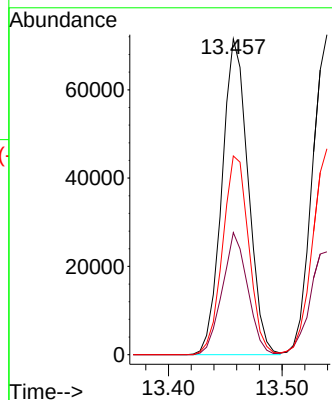
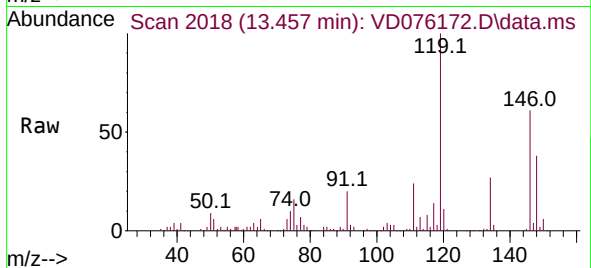
148 63.0 31.0 93.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#88

1,4-Dichlorobenzene

Concen: 18.863 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076172.D

Acq: 22 May 2023 12:53

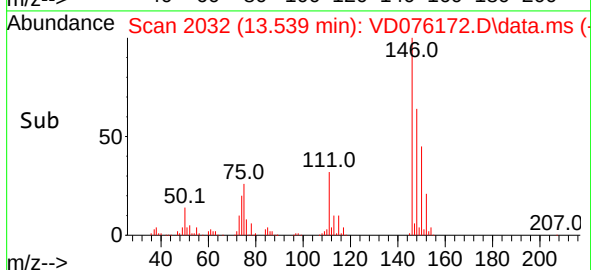
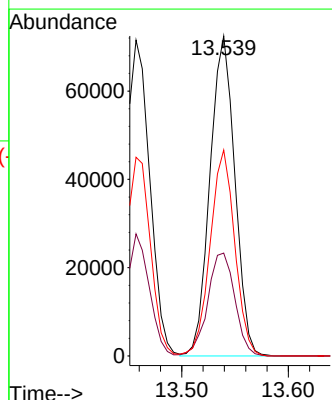
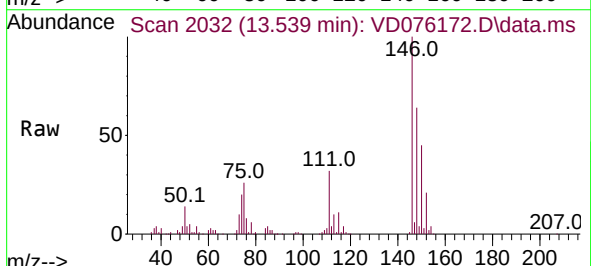
Tgt Ion:146 Resp: 117552

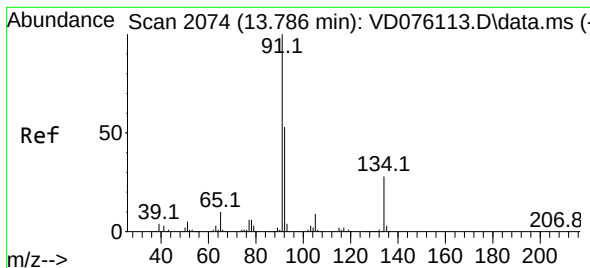
Ion Ratio Lower Upper

146 100

111 35.1 19.6 58.8

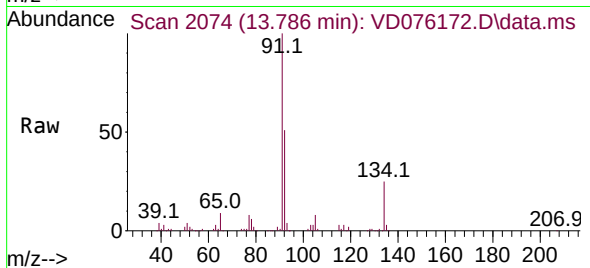
148 63.6 31.7 95.1





#89
n-Butylbenzene
Concen: 18.486 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

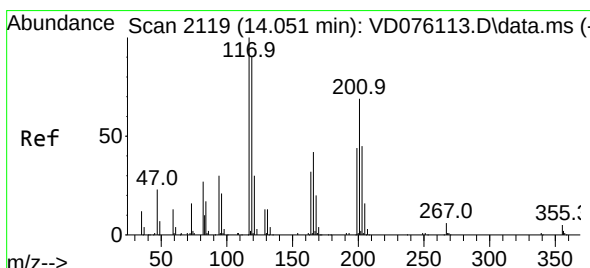
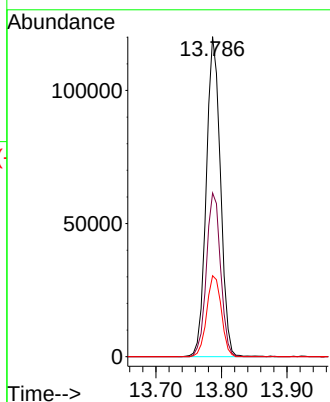
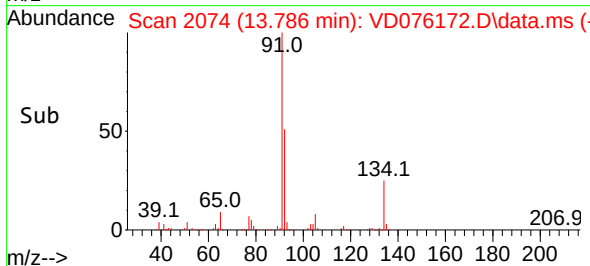
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



Tgt Ion: 91 Resp: 180750
Ion Ratio Lower Upper
91 100
92 51.3 26.2 78.5
134 26.1 12.7 38.0

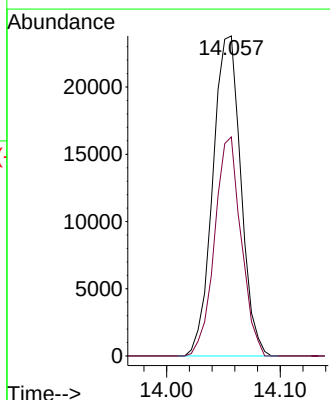
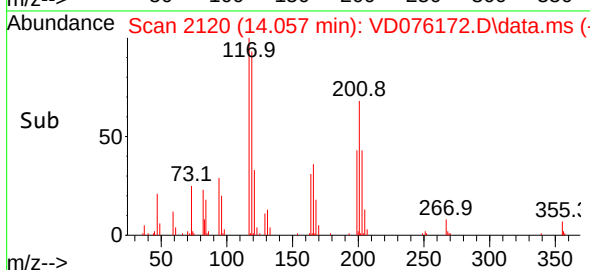
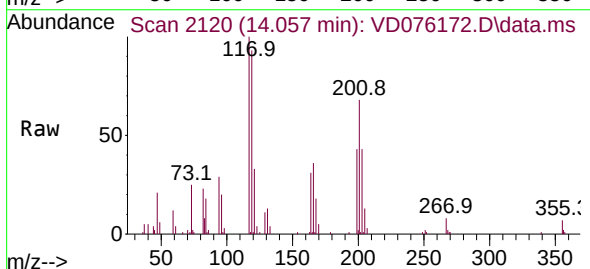
Manual Integrations
APPROVED

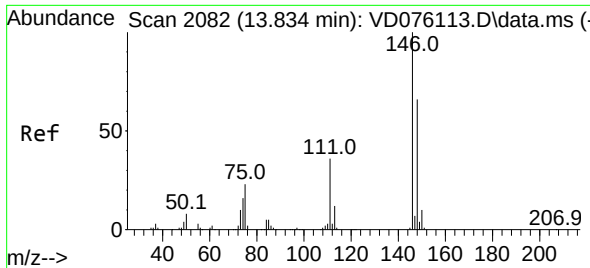
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#90
Hexachloroethane
Concen: 19.141 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion:117 Resp: 40852
Ion Ratio Lower Upper
117 100
201 64.6 34.5 103.6





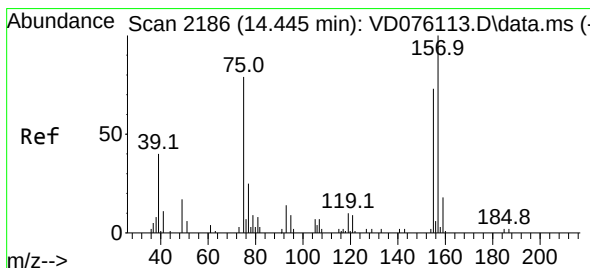
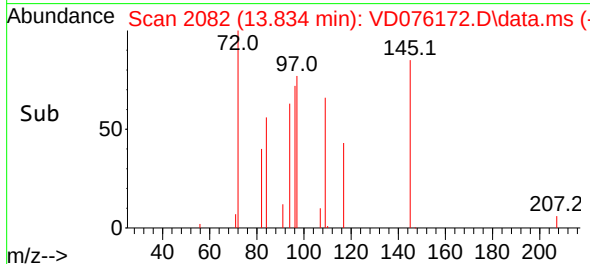
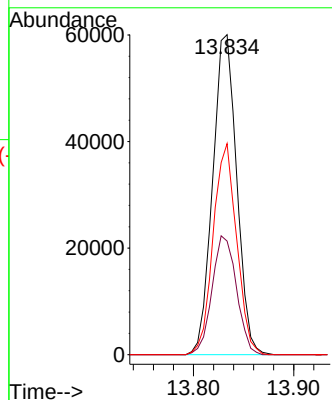
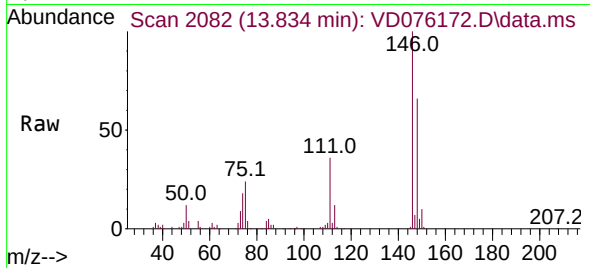
#91
1,2-Dichlorobenzene
Concen: 18.107 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion:146 Resp: 10000
Ion Ratio Lower Upper
146 100
111 37.7 20.6 61.8
148 64.4 32.0 96.2

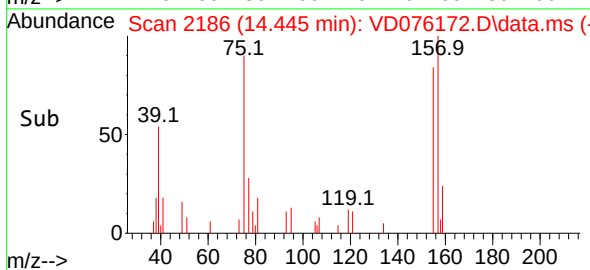
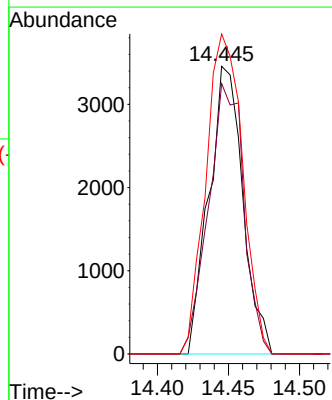
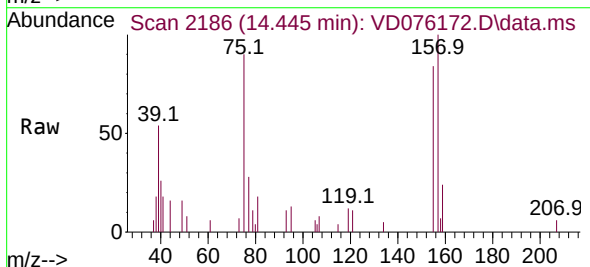
Manual Integrations
APPROVED

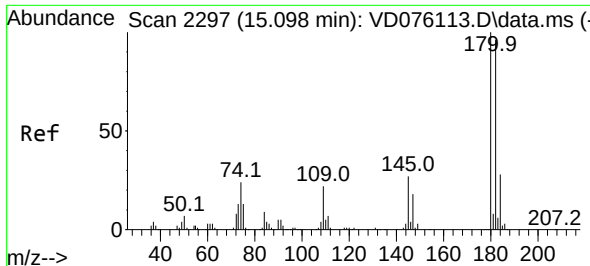
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.729 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

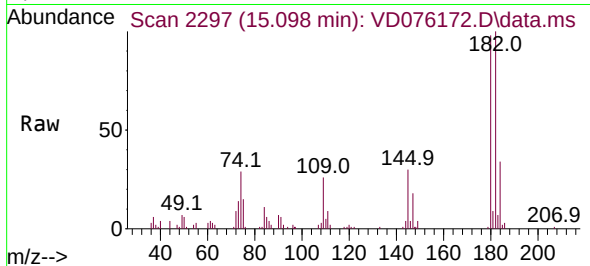
Tgt Ion: 75 Resp: 5746
Ion Ratio Lower Upper
75 100
155 97.3 39.5 118.5
157 120.5 53.5 160.7





#93
1,2,4-Trichlorobenzene
Concen: 15.828 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

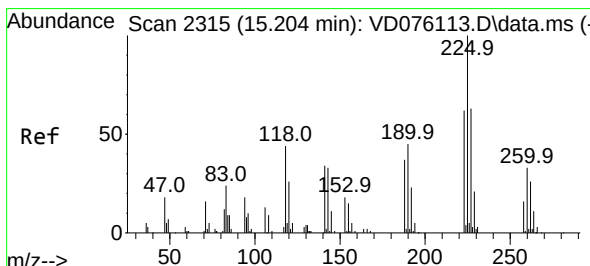
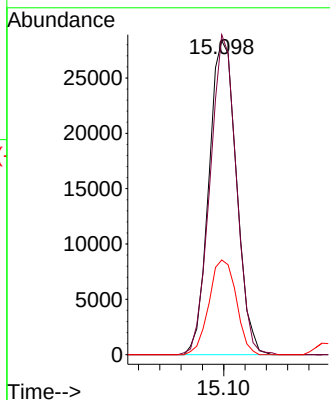
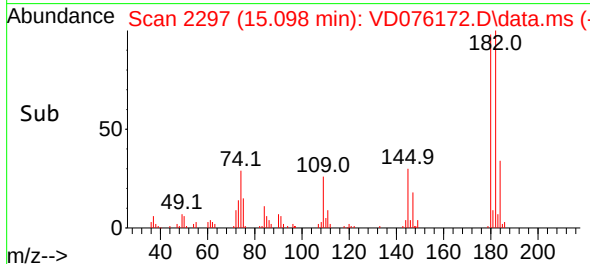
Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01



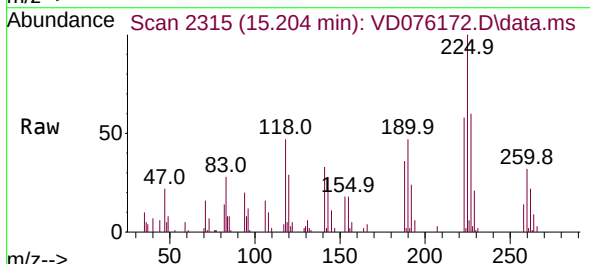
Tgt Ion:180 Resp: 50852
Ion Ratio Lower Upper
180 100
182 96.9 47.9 143.7
145 29.8 15.9 47.7

Manual Integrations
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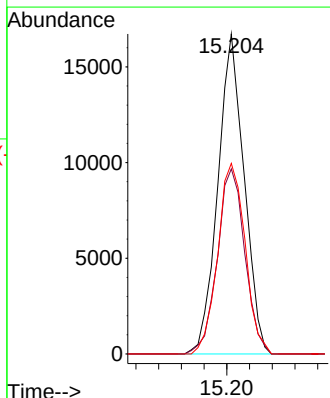
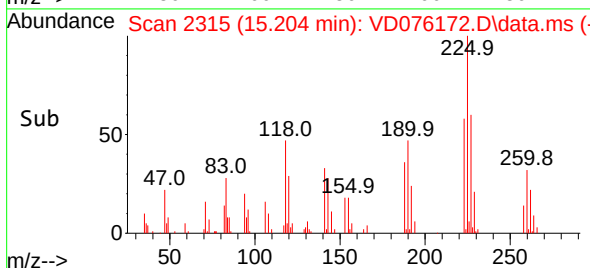
Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

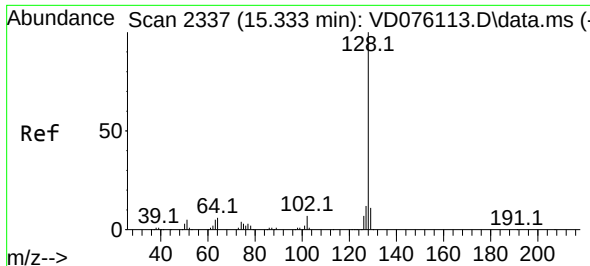


#94
Hexachlorobutadiene
Concen: 16.391 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53



Tgt Ion:225 Resp: 26850
Ion Ratio Lower Upper
225 100
223 60.5 33.1 99.2
227 62.1 31.9 95.9





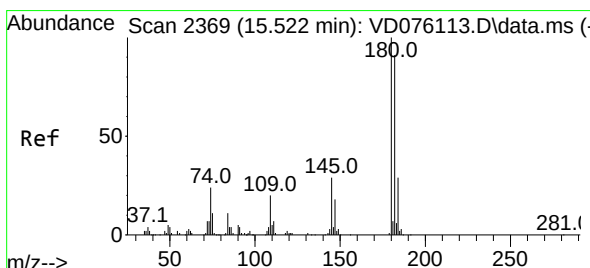
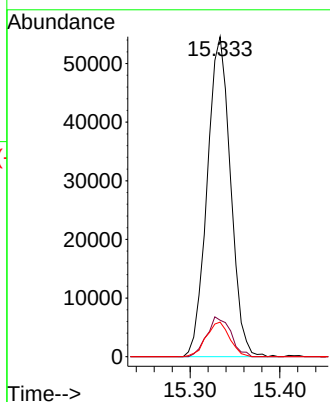
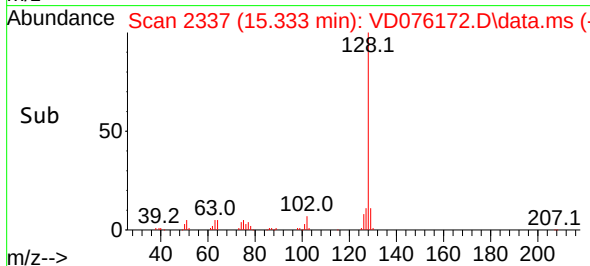
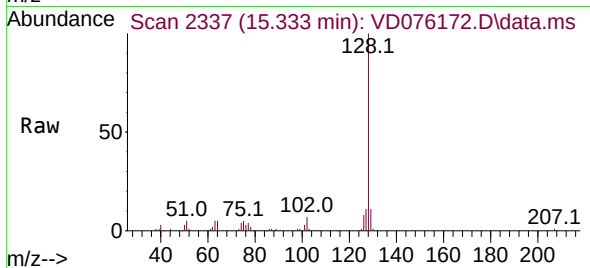
#95
Naphthalene
Concen: 16.520 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Tgt Ion:128 Resp: 9861
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.816 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076172.D
Acq: 22 May 2023 12:53

Tgt Ion:180 Resp: 46212
Ion Ratio Lower Upper
180 100
182 95.7 47.7 143.1
145 31.0 16.4 49.4

