

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076121.D
 Acq On : 17 May 2023 14:16
 Operator : KP/SY
 Sample : VD0517SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01

Quant Time: May 18 05:20:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	197769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97941	51.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.480%	
35) Dibromofluoromethane	7.805	113	116926	49.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.620%	
50) Toluene-d8	10.269	98	472809	51.666	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	12.575	95	129407	50.906	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	40757	22.850	ug/l	98
3) Chloromethane	2.146	50	75781	23.518	ug/l	100
4) Vinyl Chloride	2.281	62	98085	25.498	ug/l	99
5) Bromomethane	2.670	94	63092	24.362	ug/l	97
6) Chloroethane	2.822	64	63812	24.657	ug/l	96
7) Trichlorofluoromethane	3.164	101	72327	22.183	ug/l	96
8) Diethyl Ether	3.593	74	21651	20.192	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.952	101	46399	21.604	ug/l	95
10) Methyl Iodide	4.152	142	53422	23.923	ug/l	89
11) Tert butyl alcohol	5.058	59	10591	104.749	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	45230	21.160	ug/l	88
13) Acrolein	3.799	56	22311	90.161	ug/l	94
14) Allyl chloride	4.552	41	46883	21.612	ug/l #	83
15) Acrylonitrile	5.252	53	46621	105.012	ug/l	94
16) Acetone	4.022	43	40753	107.162	ug/l #	79
17) Carbon Disulfide	4.264	76	140823	22.823	ug/l #	94
18) Methyl Acetate	4.558	43	28497	21.007	ug/l #	86
19) Methyl tert-butyl Ether	5.311	73	84419	20.178	ug/l	98
20) Methylene Chloride	4.793	84	75595	19.237	ug/l #	76
21) trans-1,2-Dichloroethene	5.305	96	52144	21.167	ug/l #	76
22) Diisopropyl ether	6.211	45	110331	21.912	ug/l #	94
23) Vinyl Acetate	6.152	43	201440	101.746	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	87077	21.928	ug/l	97
25) 2-Butanone	7.075	43	53042	110.927	ug/l #	78
26) 2,2-Dichloropropane	7.069	77	74051	22.869	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	57630	21.081	ug/l	87
28) Bromochloromethane	7.416	49	29277	22.111	ug/l #	68
29) Tetrahydrofuran	7.446	42	29210	104.806	ug/l #	67
30) Chloroform	7.593	83	94222	22.188	ug/l	90
31) Cyclohexane	7.875	56	63500	21.692	ug/l #	70
32) 1,1,1-Trichloroethane	7.793	97	74148	21.910	ug/l	95
36) 1,1-Dichloropropene	8.005	75	66827	21.078	ug/l	95
37) Ethyl Acetate	7.169	43	21058	19.181	ug/l #	77
38) Carbon Tetrachloride	7.987	117	58958	20.588	ug/l	97
39) Methylcyclohexane	9.269	83	71787	19.667	ug/l	93
40) Benzene	8.252	78	214834	21.076	ug/l	98

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Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 18 05:20:05 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)
41) Methacrylonitrile	7.399	41	11861	19.703	ug/l #	68
42) 1,2-Dichloroethane	8.322	62	49693	20.611	ug/l	92
43) Isopropyl Acetate	8.357	43	39655	19.336	ug/l #	83
44) Trichloroethene	9.022	130	55167	19.204	ug/l	88
45) 1,2-Dichloropropane	9.299	63	50233	19.980	ug/l	97
46) Dibromomethane	9.387	93	28685	20.354	ug/l	98
47) Bromodichloromethane	9.581	83	68112	20.110	ug/l	99
48) Methyl methacrylate	9.381	41	17357	19.122	ug/l #	63
49) 1,4-Dioxane	9.387	88	6357	421.822	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	103626	95.006	ug/l #	83
52) Toluene	10.334	92	136336	21.416	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	60918	19.956	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	75899	20.373	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	40875	20.226	ug/l	92
56) Ethyl methacrylate	10.599	69	38096	18.754	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	66002	20.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	94177	96.626	ug/l	92
59) 2-Hexanone	10.922	43	75562	98.232	ug/l	81
60) Dibromochloromethane	11.075	129	44232	19.465	ug/l	95
61) 1,2-Dibromoethane	11.181	107	36239	20.158	ug/l	97
64) Tetrachloroethene	10.804	164	44677	18.512	ug/l	98
65) Chlorobenzene	11.610	112	141183	19.760	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	47145	19.174	ug/l	93
67) Ethyl Benzene	11.681	91	227372	19.915	ug/l	97
68) m/p-Xylenes	11.793	106	192399	41.233	ug/l	92
69) o-Xylene	12.122	106	84798	19.917	ug/l	92
70) Styrene	12.134	104	150847	20.435	ug/l #	93
71) Bromoform	12.298	173	24607	17.792	ug/l #	96
73) Isopropylbenzene	12.422	105	215025	20.039	ug/l	98
74) N-amyl acetate	12.234	43	35639	18.647	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	46404	20.122	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	29977m	21.119	ug/l	
77) Bromobenzene	12.698	156	53925	18.750	ug/l	96
78) n-propylbenzene	12.763	91	280558	21.006	ug/l	99
79) 2-Chlorotoluene	12.851	91	152285	20.602	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	180806	20.326	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	13122	19.394	ug/l #	73
82) 4-Chlorotoluene	12.945	91	158194	20.120	ug/l	91
83) tert-Butylbenzene	13.169	119	147558	19.629	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	183471	20.711	ug/l	93
85) sec-Butylbenzene	13.345	105	241504	20.614	ug/l	99
86) p-Isopropyltoluene	13.463	119	193925	20.229	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	115091	19.793	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	114456	19.879	ug/l	98
89) n-Butylbenzene	13.787	91	182235	20.172	ug/l	99
90) Hexachloroethane	14.057	117	39772	20.170	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	99492	19.497	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5043	16.842	ug/l	74
93) 1,2,4-Trichlorobenzene	15.098	180	49807	16.780	ug/l	99
94) Hexachlorobutadiene	15.204	225	26759	17.681	ug/l	97
95) Naphthalene	15.334	128	94365	17.110	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	44250	16.392	ug/l	99

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MSVOA_D
ClientSampleId :
VD0517SBS01

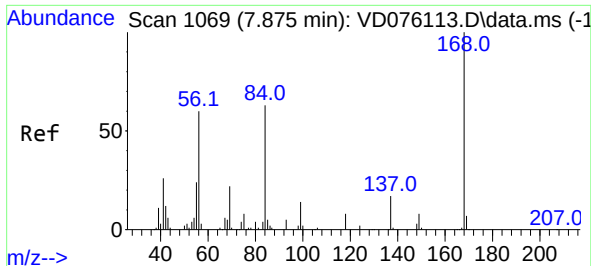
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 18 05:20:05 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

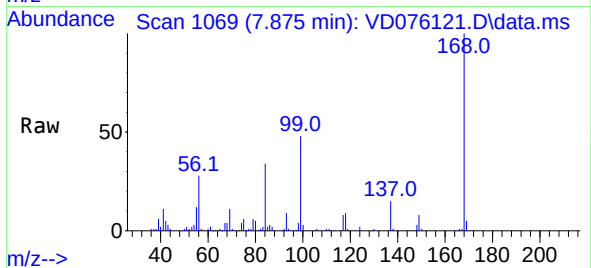
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

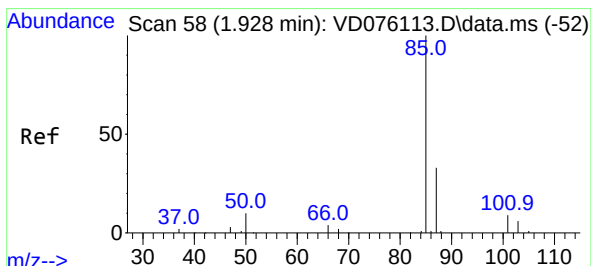
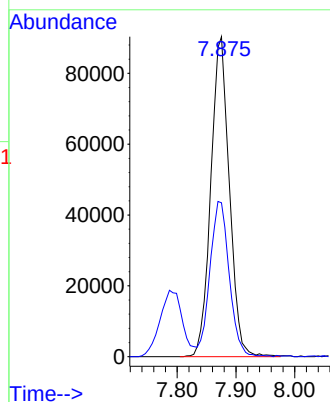
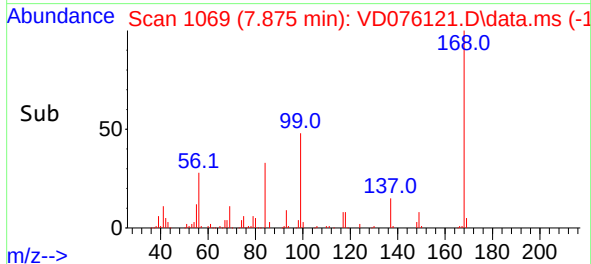
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



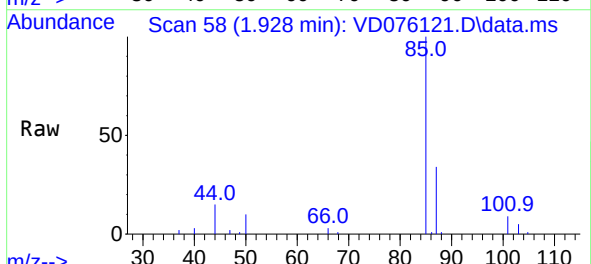
Tgt Ion:168 Resp: 197769
Ion Ratio Lower Upper
168 100
99 47.9 43.8 65.6

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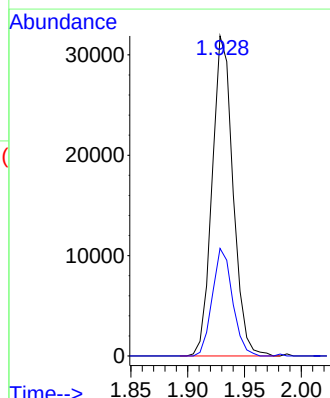
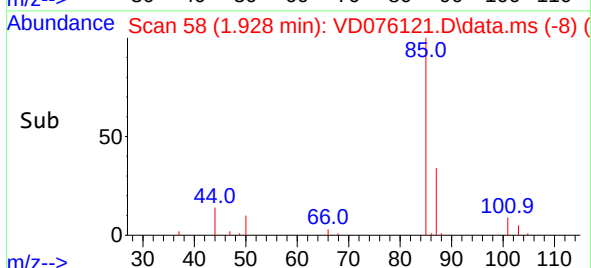
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

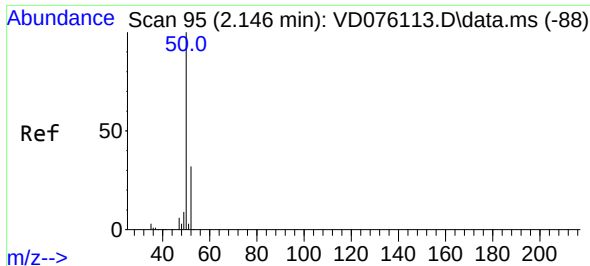


#2
Dichlorodifluoromethane
Concen: 22.850 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



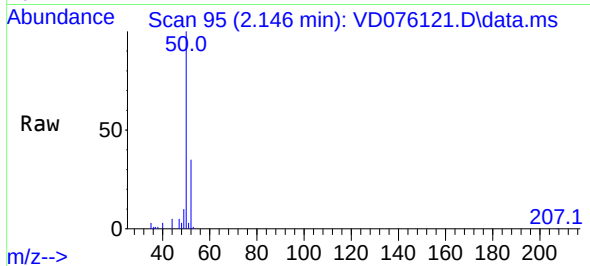
Tgt Ion: 85 Resp: 40757
Ion Ratio Lower Upper
85 100
87 33.6 17.3 51.7





#3
Chloromethane
Concen: 23.518 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

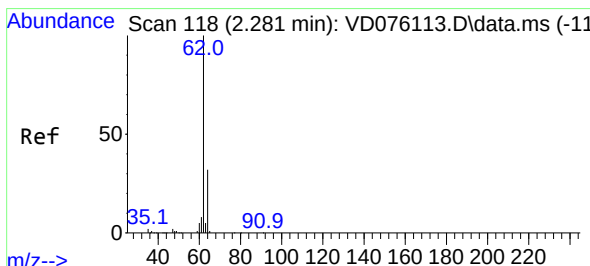
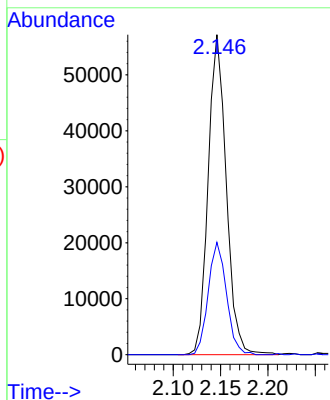
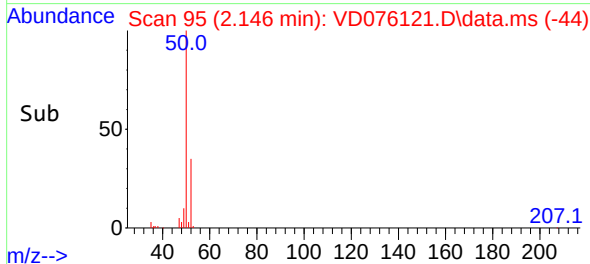
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 50 Resp: 7578
Ion Ratio Lower Upper
50 100
52 35.1 27.8 41.8

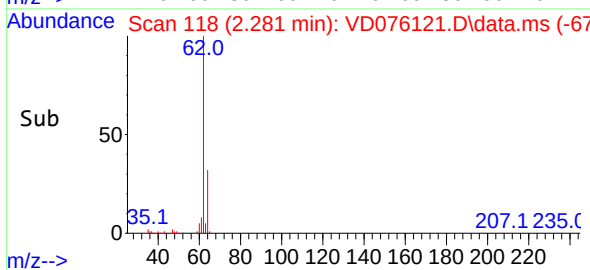
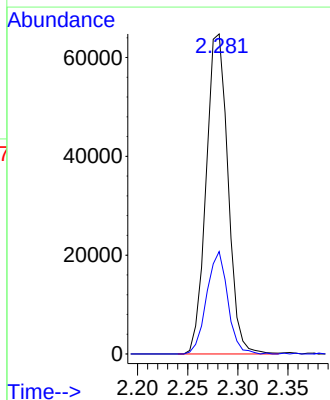
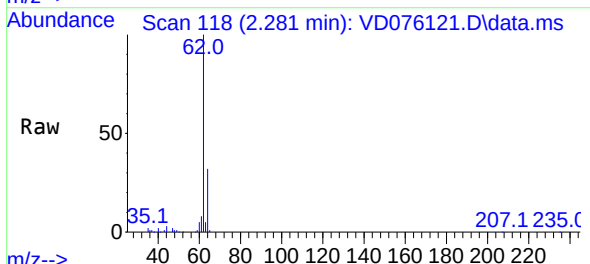
Manual Integrations
APPROVED

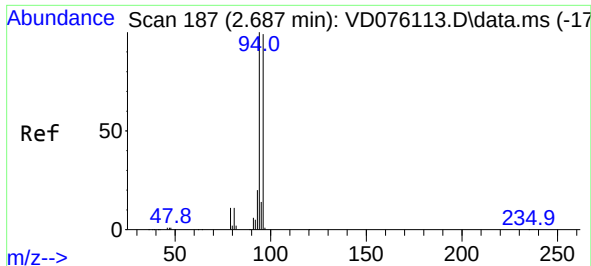
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 25.498 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Tgt Ion: 62 Resp: 98085
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





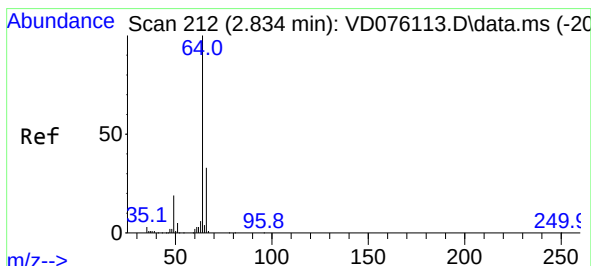
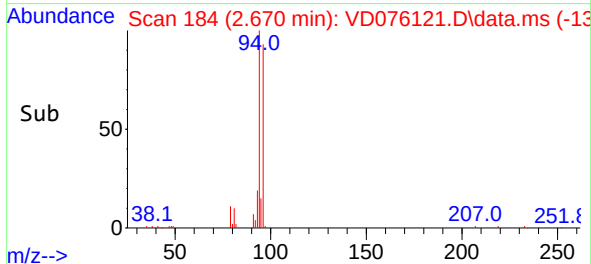
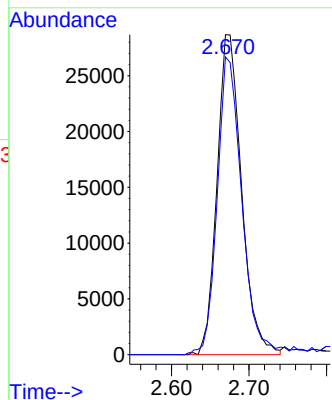
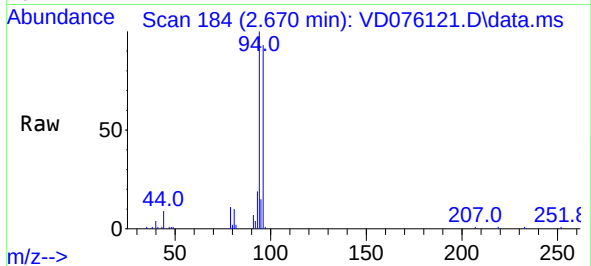
#5
Bromomethane
Concen: 24.362 ug/l
RT: 2.670 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 94 Resp: 63092
Ion Ratio Lower Upper
94 100
96 93.5 77.5 116.3

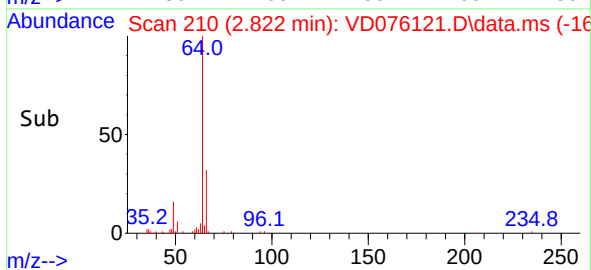
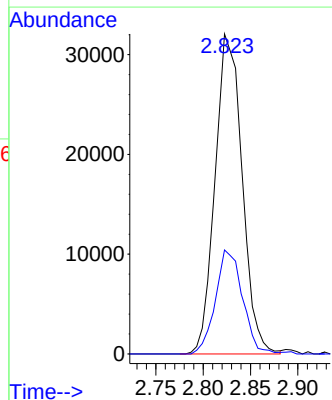
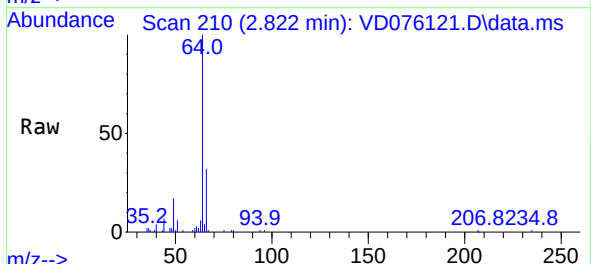
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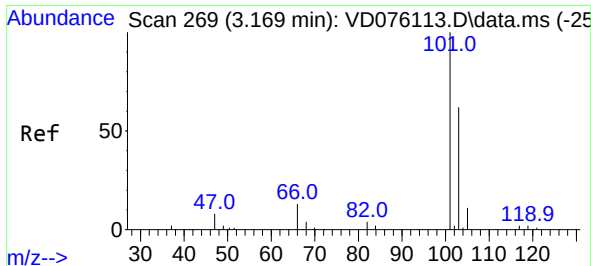
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 24.657 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Tgt Ion: 64 Resp: 63812
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5





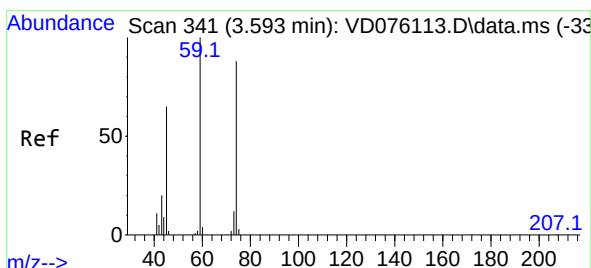
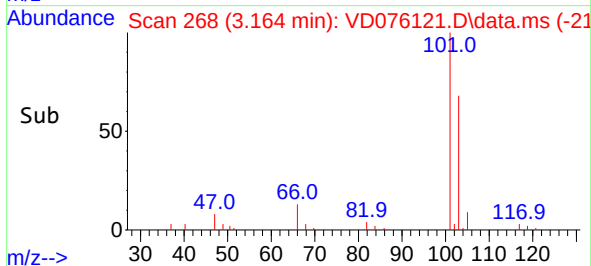
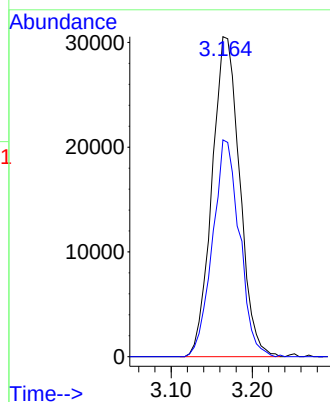
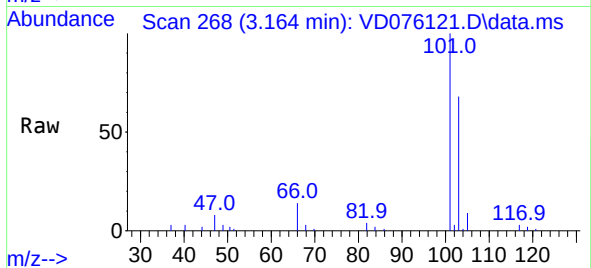
#7
Trichlorofluoromethane
Concen: 22.183 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.005 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:101 Resp: 7232
Ion Ratio Lower Upper
101 100
103 67.7 51.9 77.9

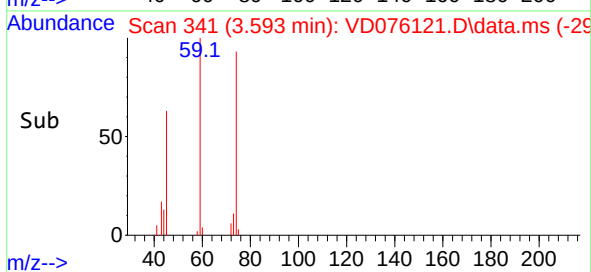
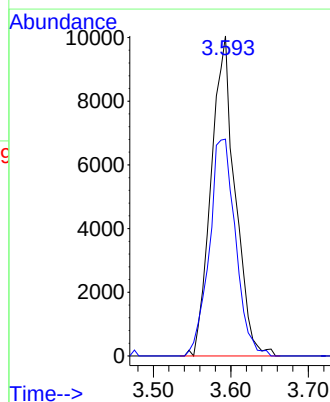
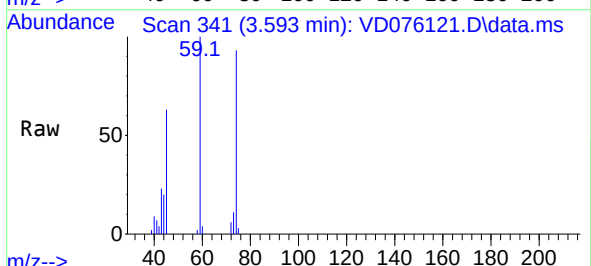
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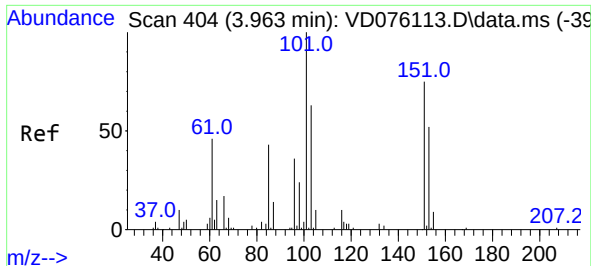
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 20.192 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Tgt Ion: 74 Resp: 21651
Ion Ratio Lower Upper
74 100
45 74.1 50.9 152.7





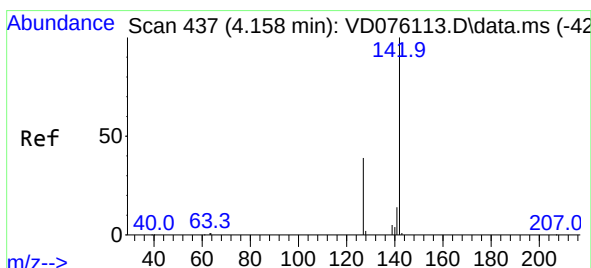
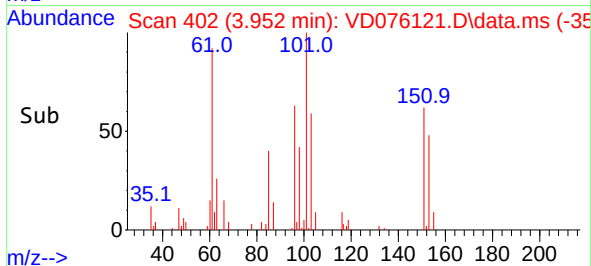
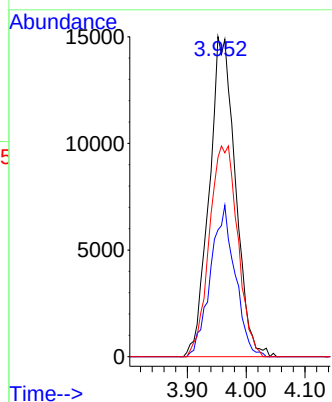
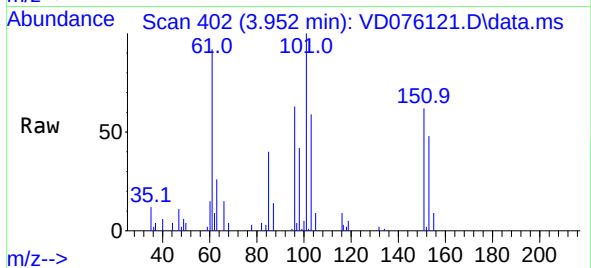
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.604 ug/l
RT: 3.952 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:101 Resp: 46399
Ion Ratio Lower Upper
101 100
85 44.5 38.3 57.5
151 71.5 60.4 90.6

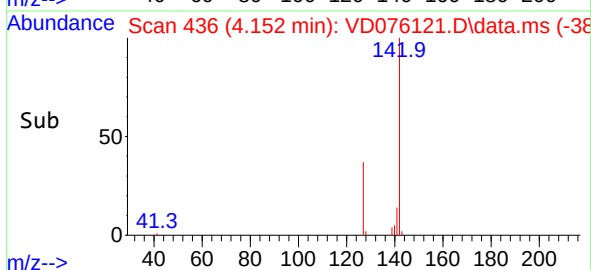
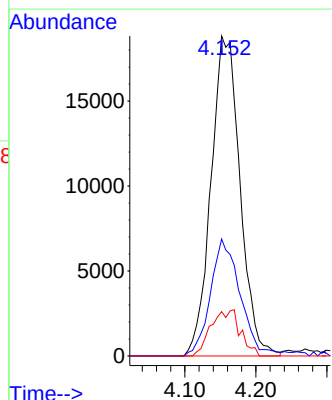
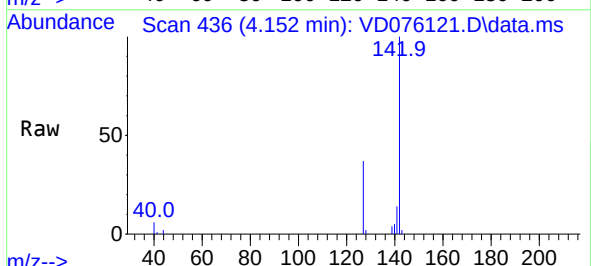
Manual Integrations
APPROVED

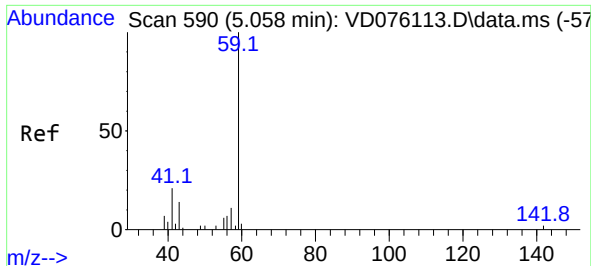
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
Methyl Iodide
Concen: 23.923 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.012 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

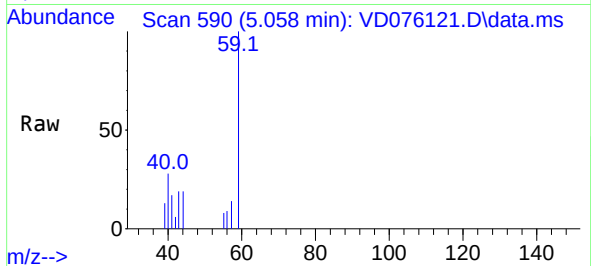
Tgt Ion:142 Resp: 53422
Ion Ratio Lower Upper
142 100
127 37.3 37.1 55.7
141 14.6 11.3 16.9





#11
Tert butyl alcohol
Concen: 104.749 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

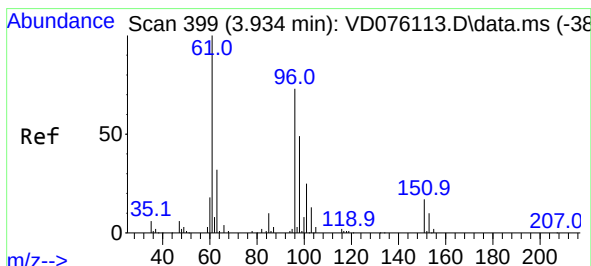
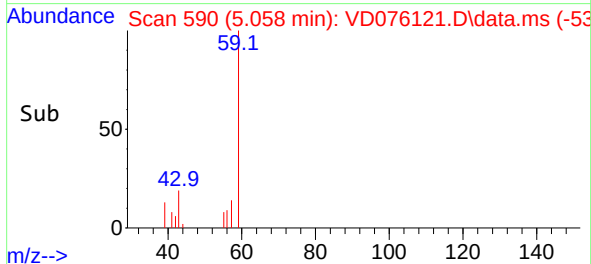
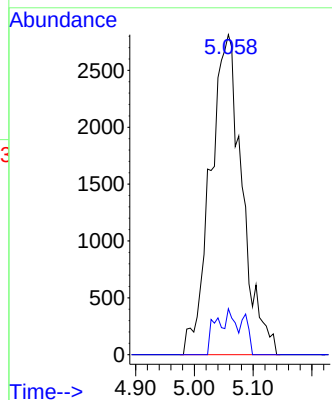
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



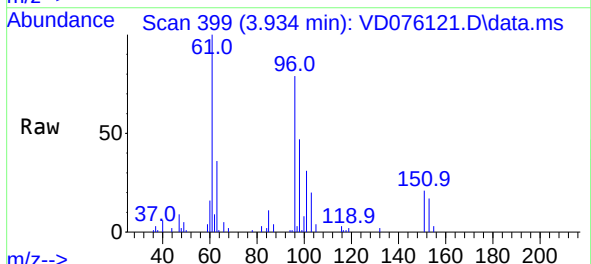
Tgt Ion: 59 Resp: 1059
Ion Ratio Lower Upper
59 100
57 4.0 0.0 0.0

Manual Integrations
APPROVED

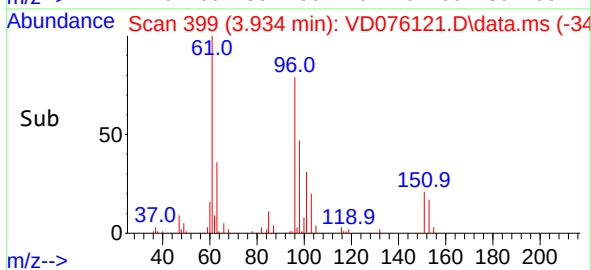
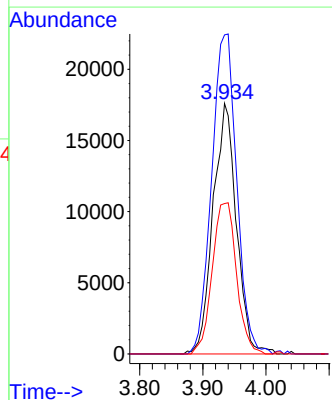
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

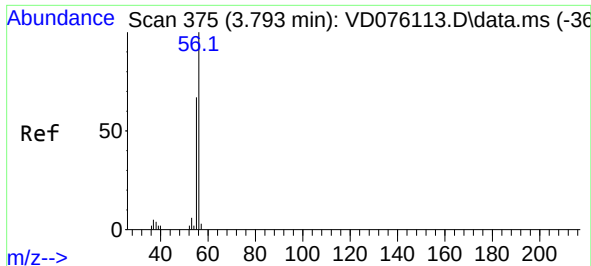


#12
1,1-Dichloroethene
Concen: 21.160 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



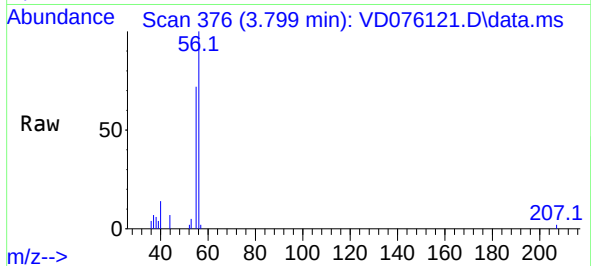
Tgt Ion: 96 Resp: 45230
Ion Ratio Lower Upper
96 100
61 127.4 118.6 177.8
98 60.0 49.7 74.5





#13
Acrolein
Concen: 90.161 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

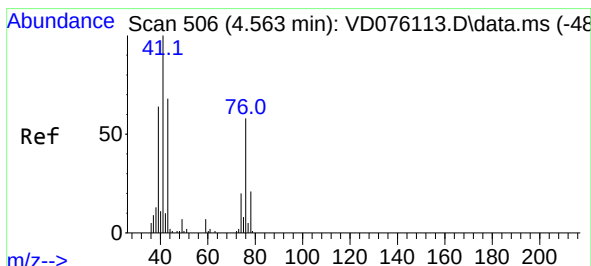
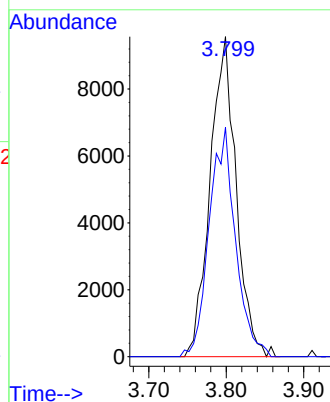
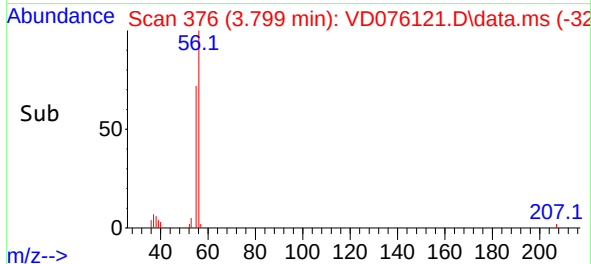
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 56 Resp: 2231
Ion Ratio Lower Upper
56 100
55 72.5 53.9 80.9

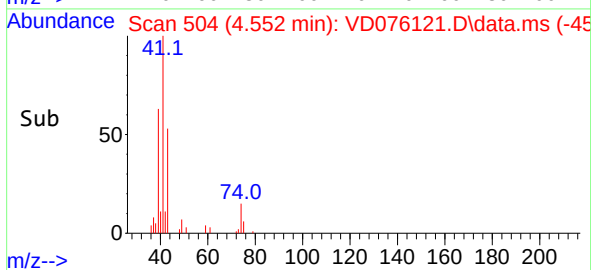
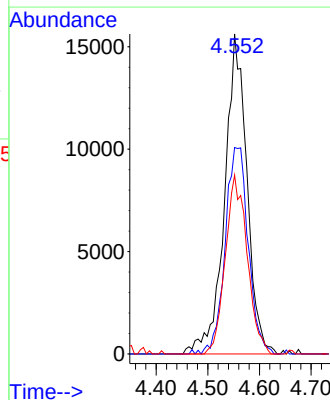
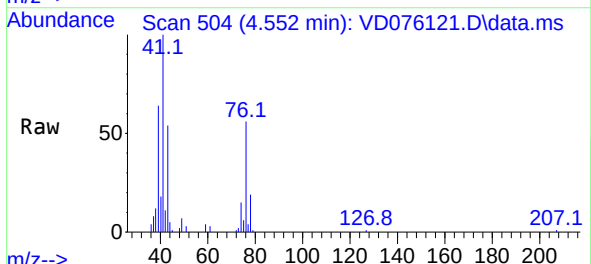
Manual Integrations
APPROVED

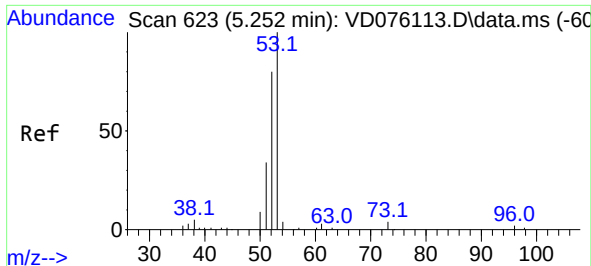
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#14
Allyl chloride
Concen: 21.612 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.011 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

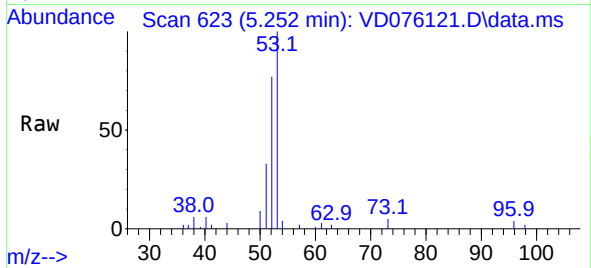
Tgt Ion: 41 Resp: 46883
Ion Ratio Lower Upper
41 100
39 66.7 60.6 90.8
76 54.7 28.6 43.0#





#15
Acrylonitrile
Concen: 105.012 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

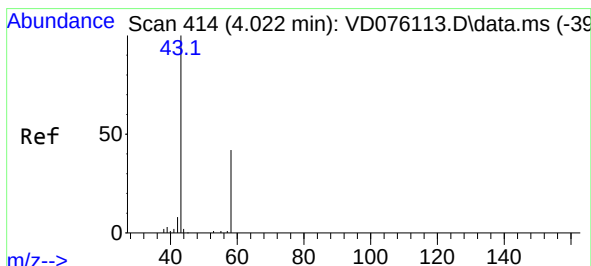
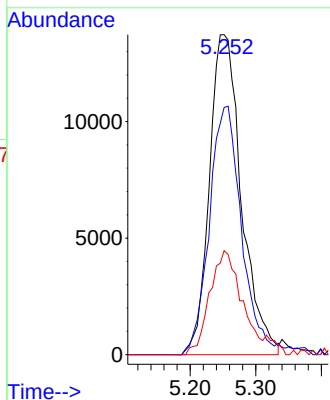
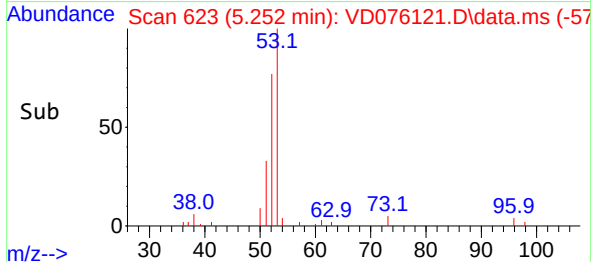
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 53 Resp: 4662
Ion Ratio Lower Upper
53 100
52 78.7 66.2 99.4
51 32.4 30.7 46.1

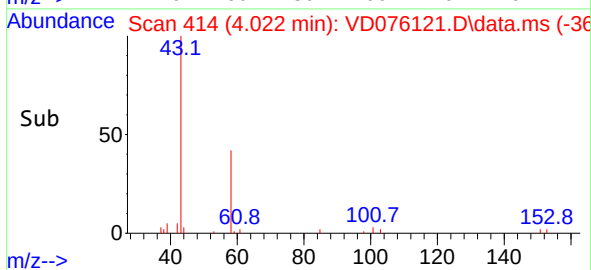
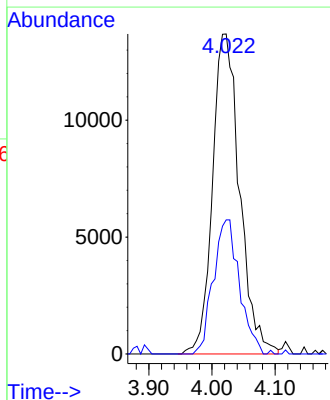
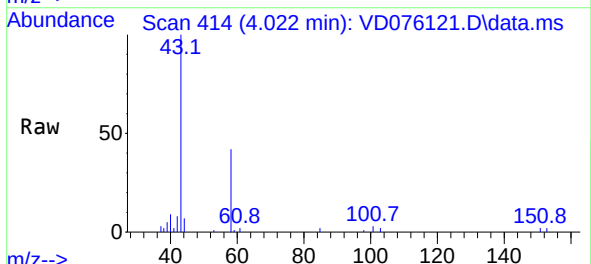
Manual Integrations
APPROVED

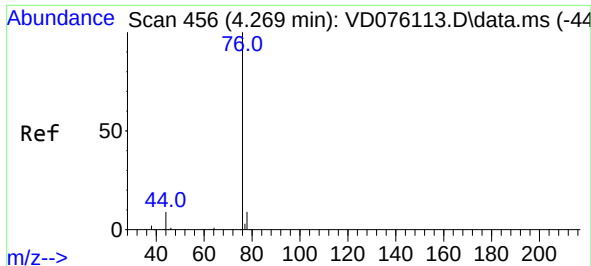
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Acetone
Concen: 107.162 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Tgt Ion: 43 Resp: 40753
Ion Ratio Lower Upper
43 100
58 41.9 24.4 36.6#





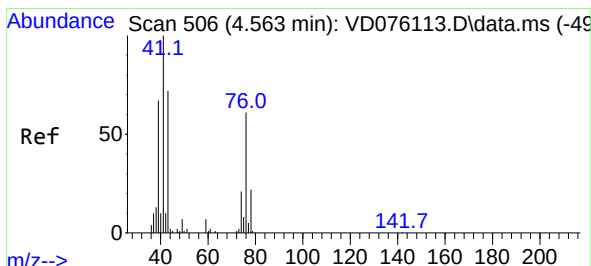
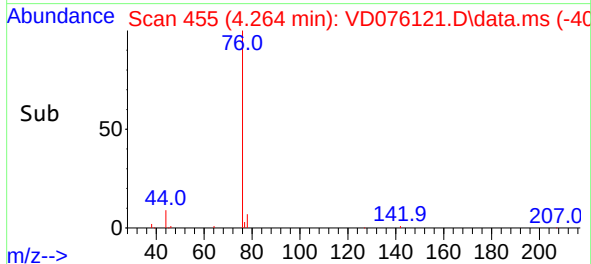
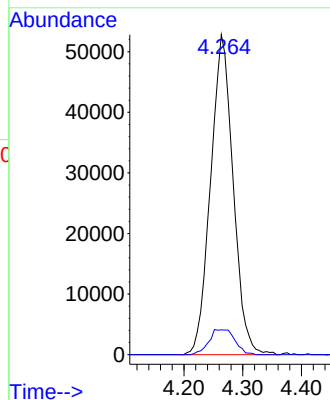
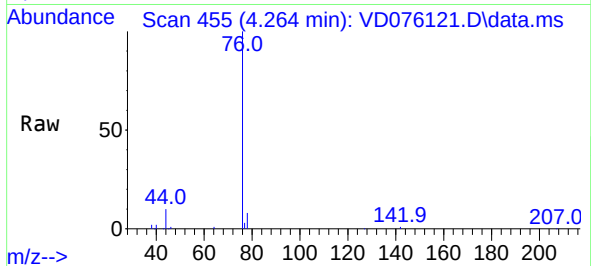
#17
Carbon Disulfide
Concen: 22.823 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 76 Resp: 140823
Ion Ratio Lower Upper
76 100
78 7.7 8.0 12.0

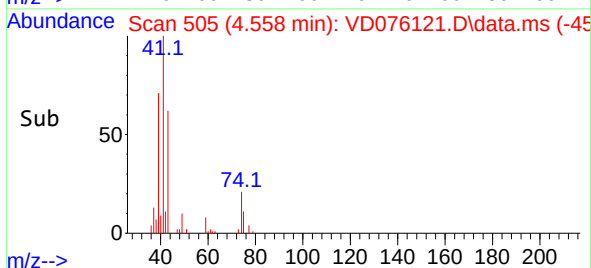
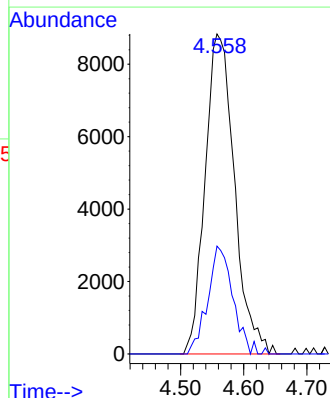
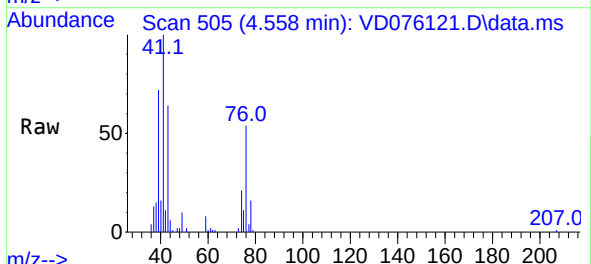
Manual Integrations
APPROVED

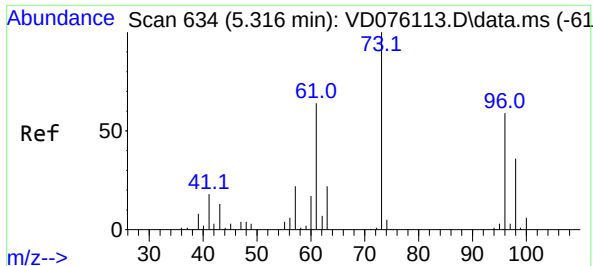
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 21.007 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Tgt Ion: 43 Resp: 28497
Ion Ratio Lower Upper
43 100
74 28.8 17.8 26.6





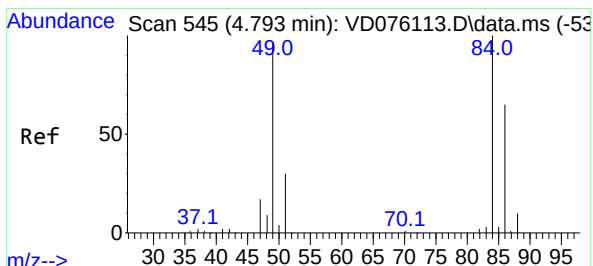
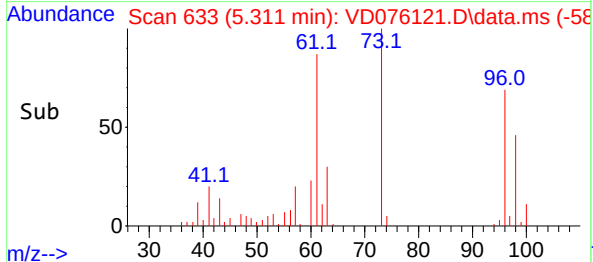
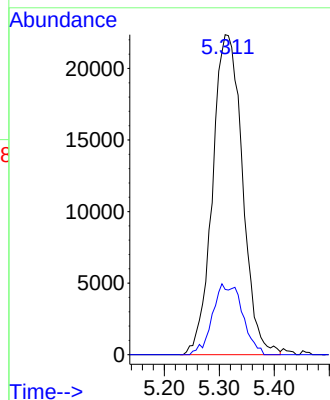
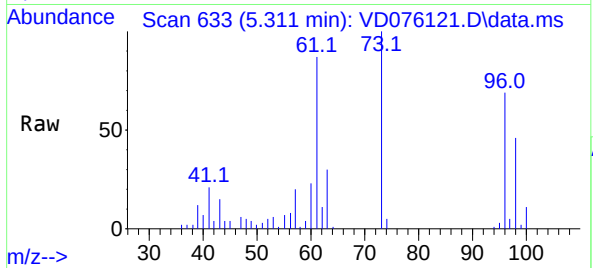
#19
Methyl tert-butyl Ether
Concen: 20.178 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 73 Resp: 84419
Ion Ratio Lower Upper
73 100
57 20.4 17.2 25.8

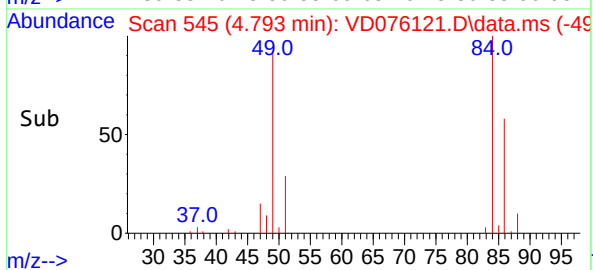
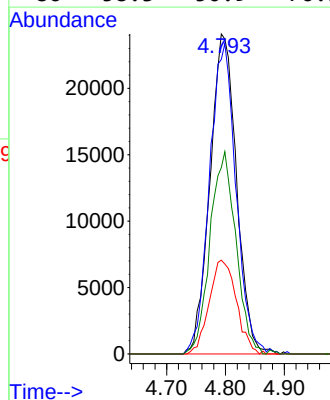
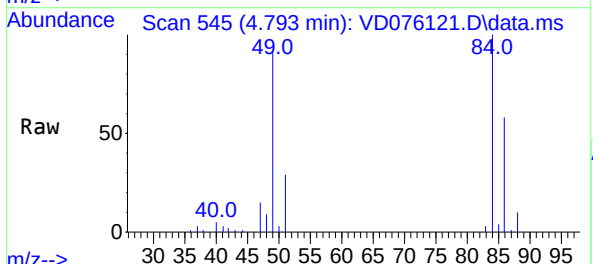
Manual Integrations
APPROVED

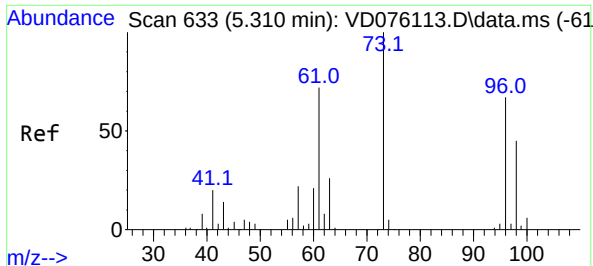
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 19.237 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

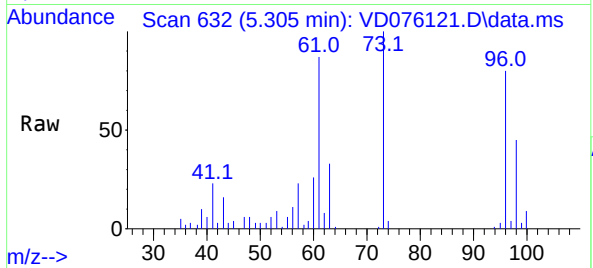
Tgt Ion: 84 Resp: 75595
Ion Ratio Lower Upper
84 100
49 92.0 106.4 159.6#
51 29.3 32.4 48.6#
86 58.3 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 21.167 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

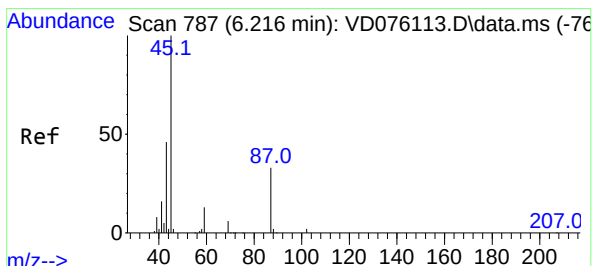
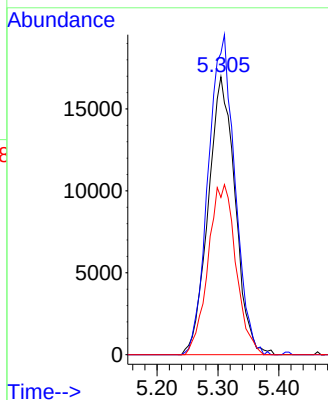
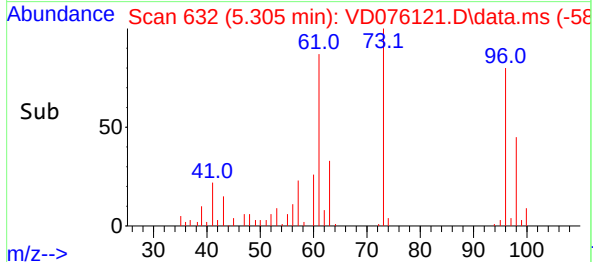
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



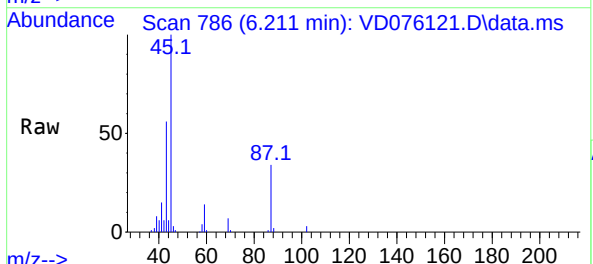
Tgt Ion: 96 Resp: 52144
Ion Ratio Lower Upper
96 100
61 108.5 117.2 175.8
98 56.6 50.6 76.0

Manual Integrations
APPROVED

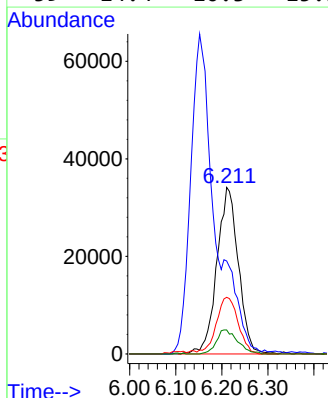
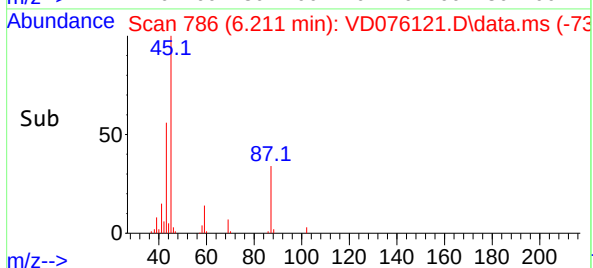
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

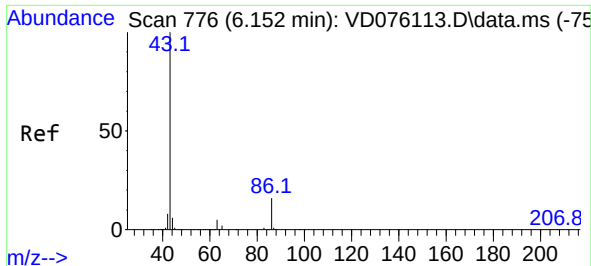


#22
Diisopropyl ether
Concen: 21.912 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



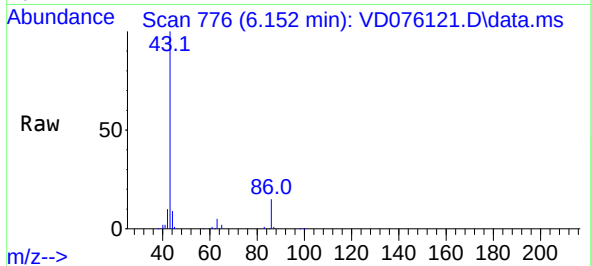
Tgt Ion: 45 Resp: 110331
Ion Ratio Lower Upper
45 100
43 54.6 44.4 66.6
87 34.0 20.9 31.3
59 14.4 10.3 15.5





#23
 Vinyl Acetate
 Concen: 101.746 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076121.D
 Acq: 17 May 2023 14:16

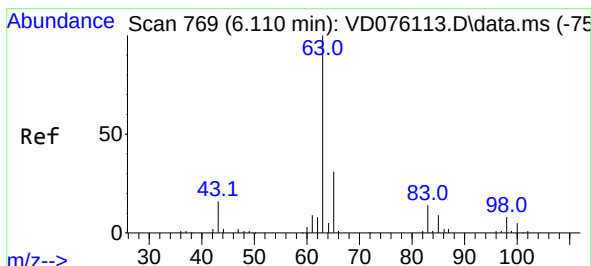
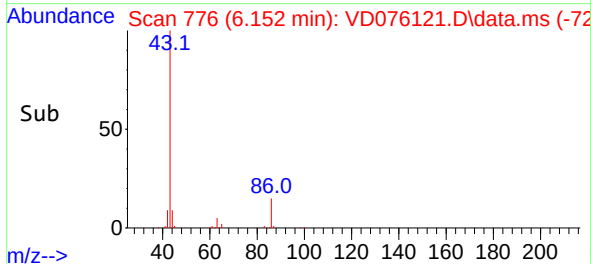
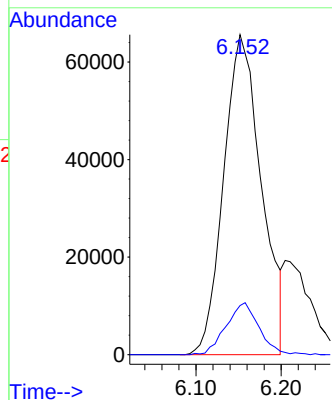
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01



Tgt Ion: 43 Resp: 201440
 Ion Ratio Lower Upper
 43 100
 86 15.0 9.0 13.6

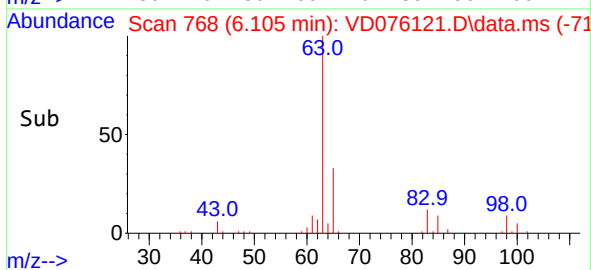
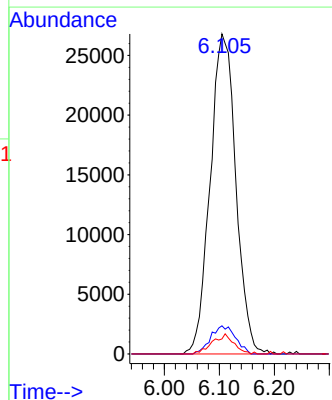
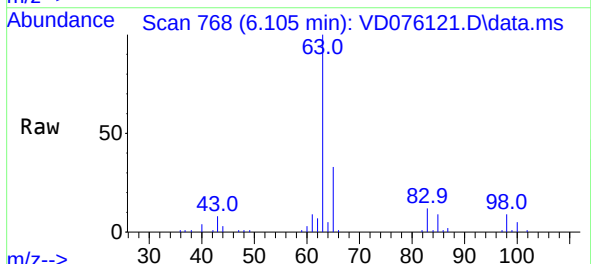
Manual Integrations
 APPROVED

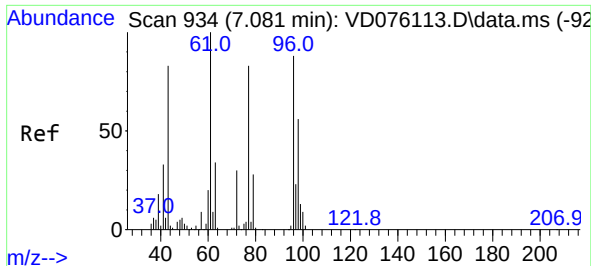
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 21.928 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.005 min
 Lab File: VD076121.D
 Acq: 17 May 2023 14:16

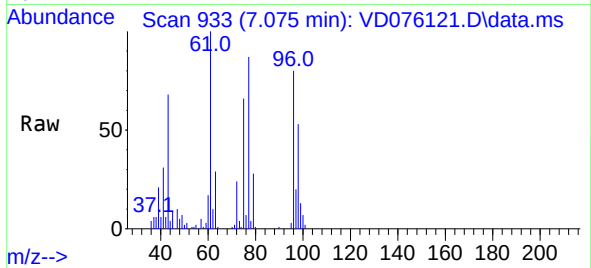
Tgt Ion: 63 Resp: 87077
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 4.7 2.0 6.0





#25
2-Butanone
Concen: 110.927 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

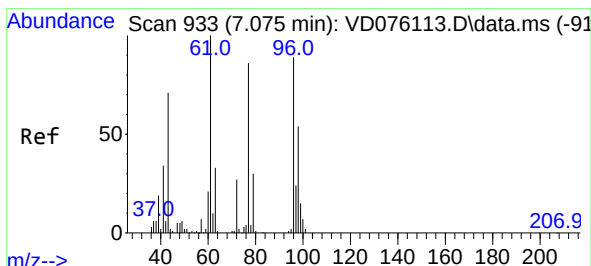
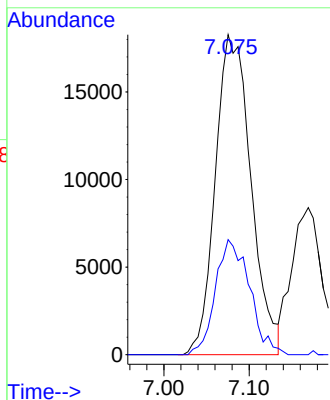
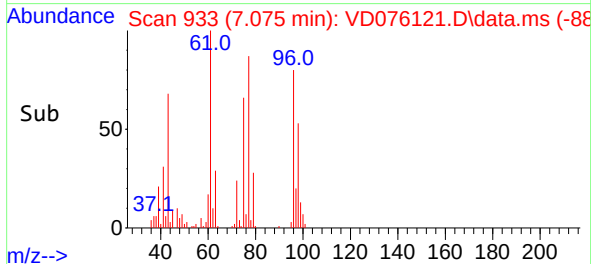
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



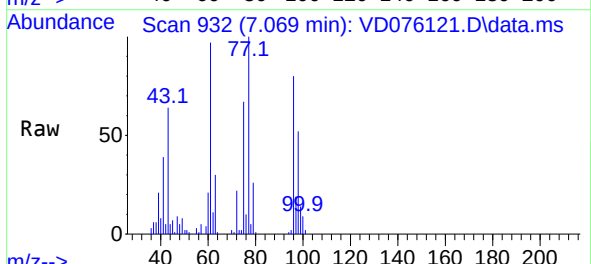
Tgt Ion: 43 Resp: 5304
Ion Ratio Lower Upper
43 100
72 35.9 19.8 29.8

Manual Integrations
APPROVED

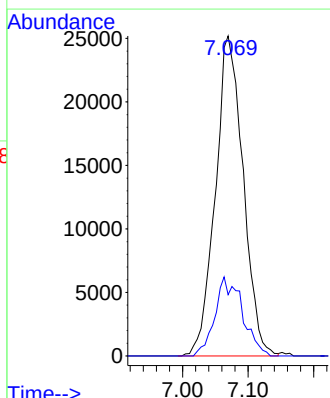
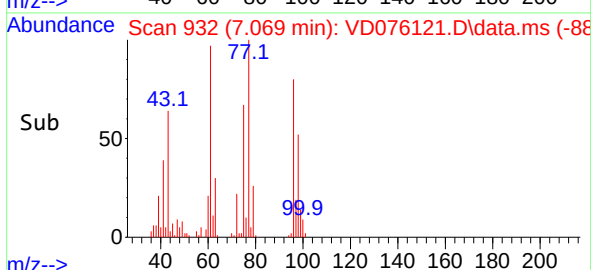
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

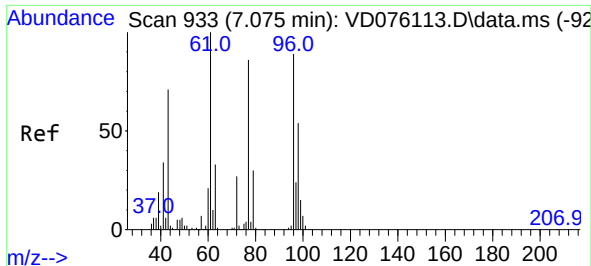


#26
2,2-Dichloropropane
Concen: 22.869 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



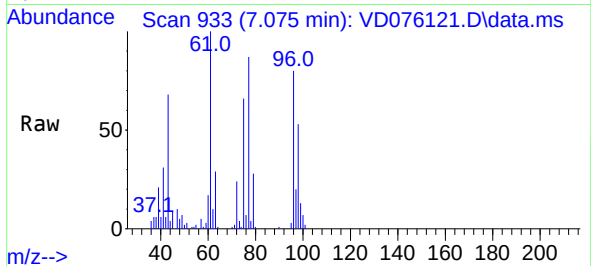
Tgt Ion: 77 Resp: 74051
Ion Ratio Lower Upper
77 100
97 24.5 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 21.081 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

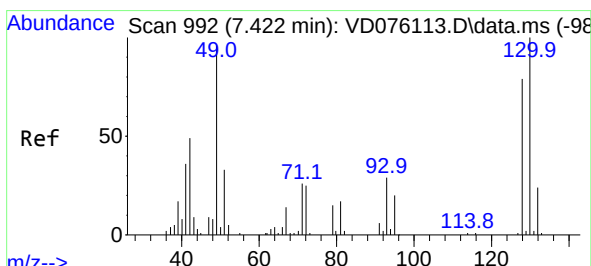
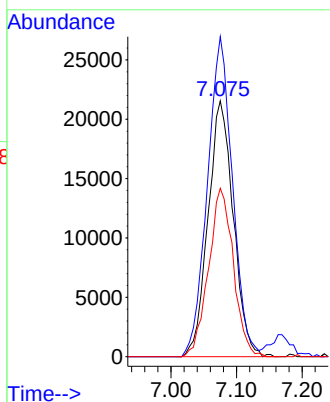
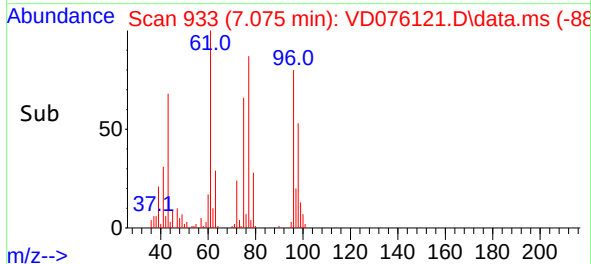
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



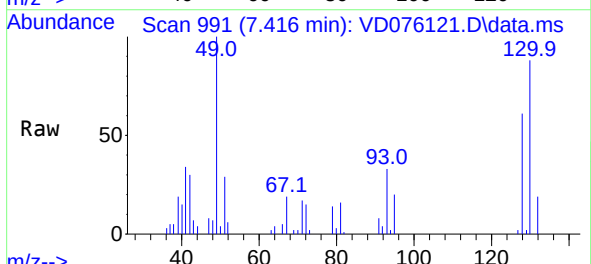
Tgt Ion: 96 Resp: 57630
Ion Ratio Lower Upper
96 100
61 124.2 0.0 295.2
98 64.6 0.0 129.2

Manual Integrations
APPROVED

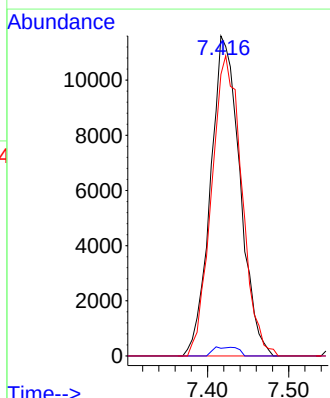
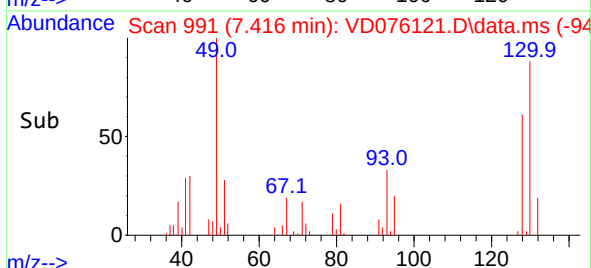
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

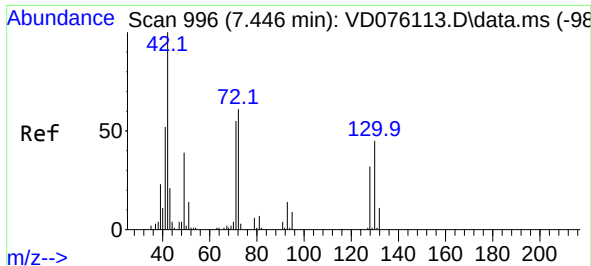


#28
Bromochloromethane
Concen: 22.111 ug/l
RT: 7.416 min Scan# 991
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



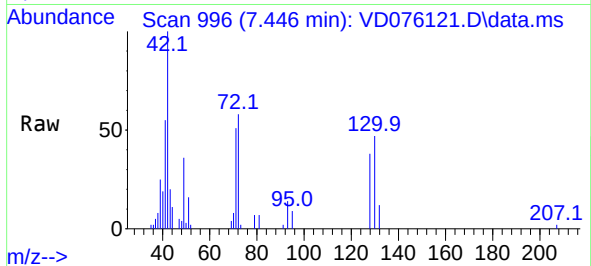
Tgt Ion: 49 Resp: 29277
Ion Ratio Lower Upper
49 100
129 2.3 0.0 2.2#
130 96.3 56.0 84.0#





#29
Tetrahydrofuran
Concen: 104.806 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

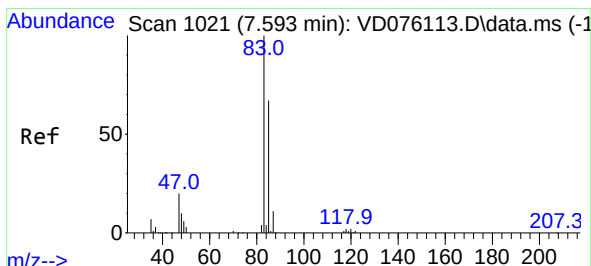
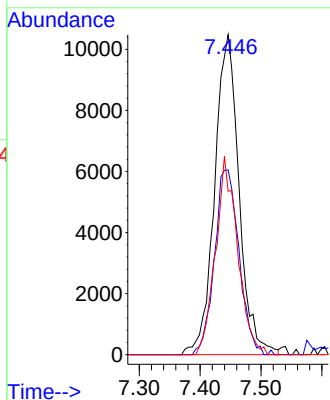
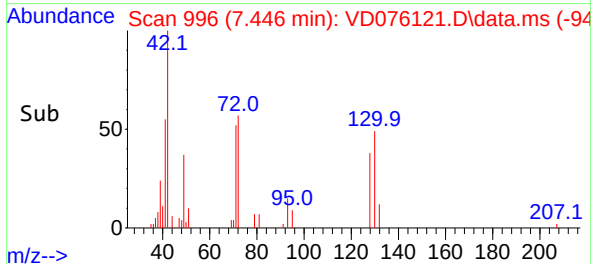
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



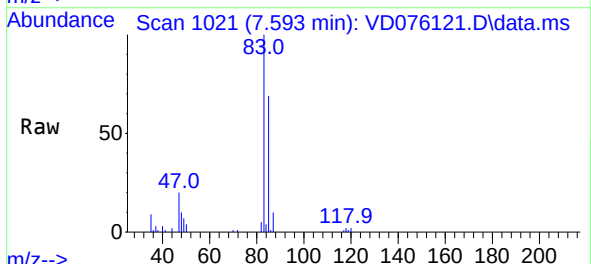
Tgt Ion: 42 Resp: 29210
Ion Ratio Lower Upper
42 100
72 58.0 31.8 47.6
71 55.9 27.6 41.4

Manual Integrations
APPROVED

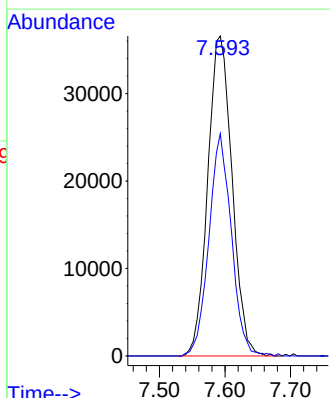
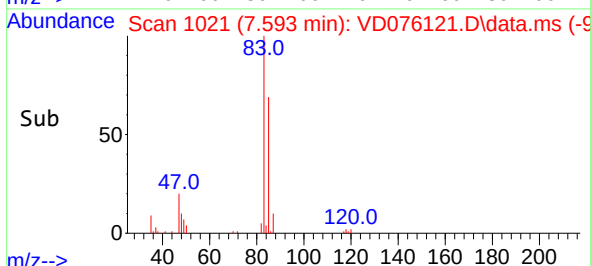
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

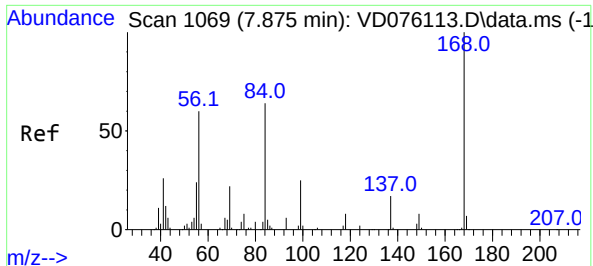


#30
Chloroform
Concen: 22.188 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



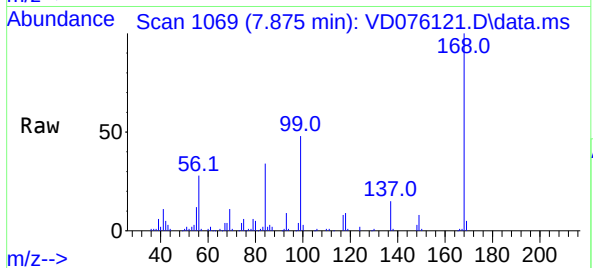
Tgt Ion: 83 Resp: 94222
Ion Ratio Lower Upper
83 100
85 69.5 49.4 74.2





#31
Cyclohexane
Concen: 21.692 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

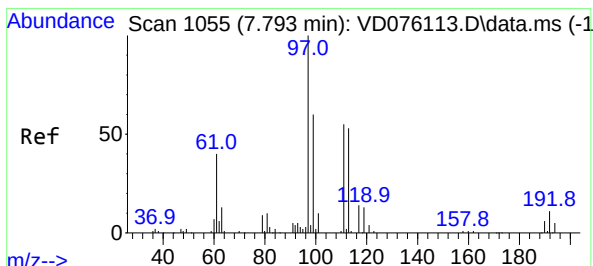
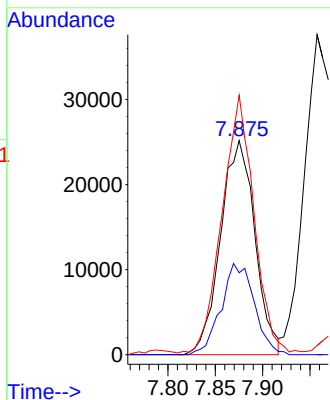
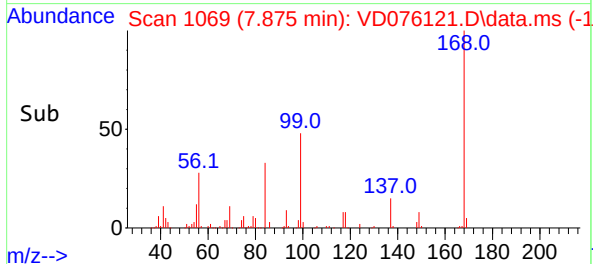
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



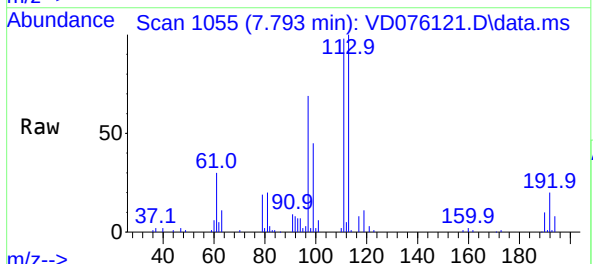
Tgt Ion: 56 Resp: 63500
Ion Ratio Lower Upper
56 100
69 38.3 25.5 38.3
84 120.4 69.6 104.4

Manual Integrations
APPROVED

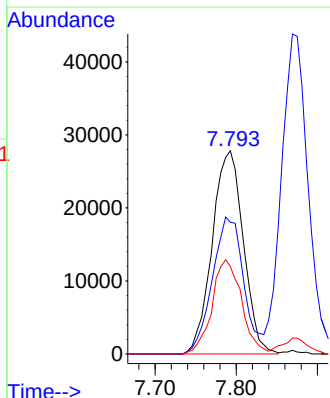
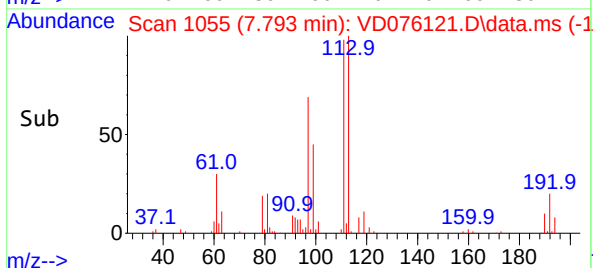
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

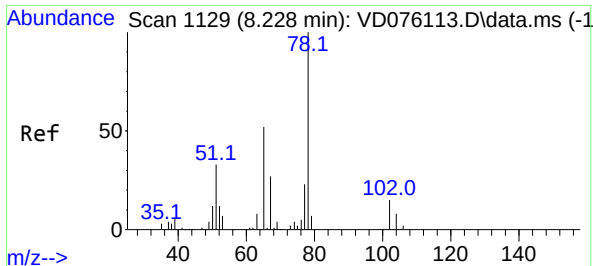


#32
1,1,1-Trichloroethane
Concen: 21.910 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



Tgt Ion: 97 Resp: 74148
Ion Ratio Lower Upper
97 100
99 68.1 50.5 75.7
61 43.9 36.6 55.0





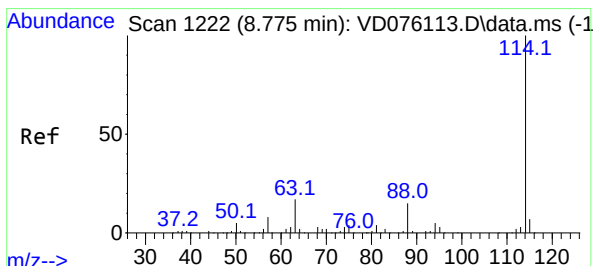
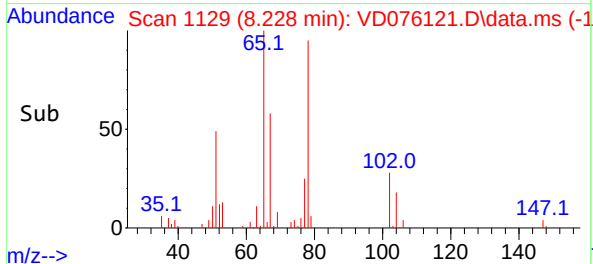
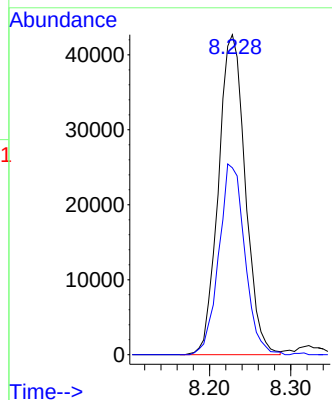
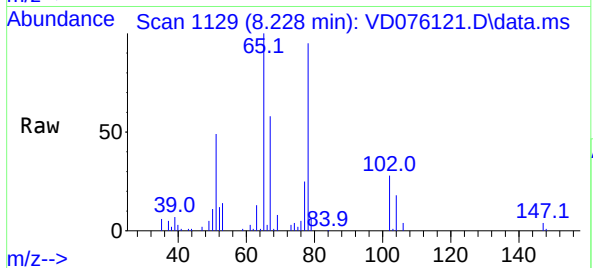
#33
1,2-Dichloroethane-d4
Concen: 51.241 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 65 Resp: 9794
Ion Ratio Lower Upper
65 100
67 57.7 0.0 102.2

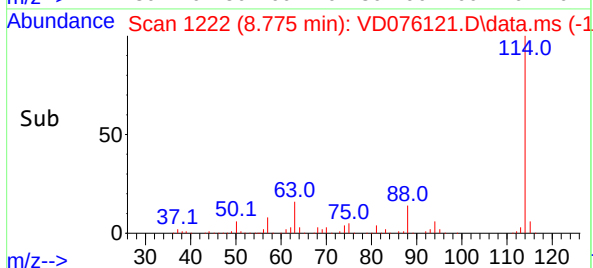
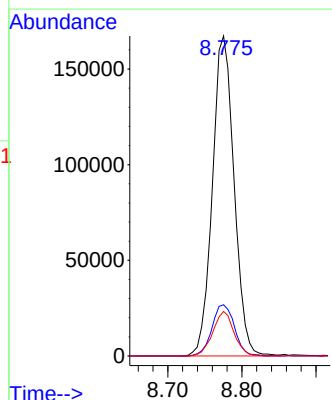
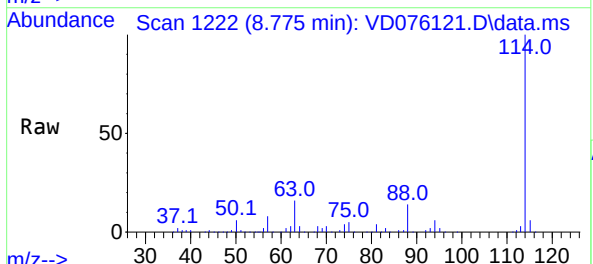
Manual Integrations
APPROVED

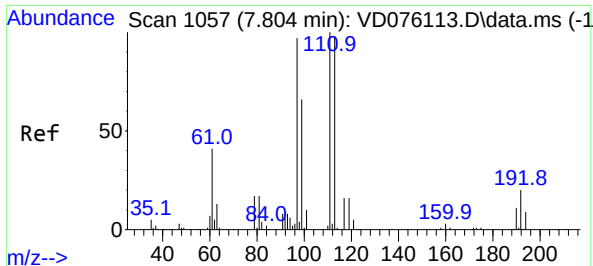
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

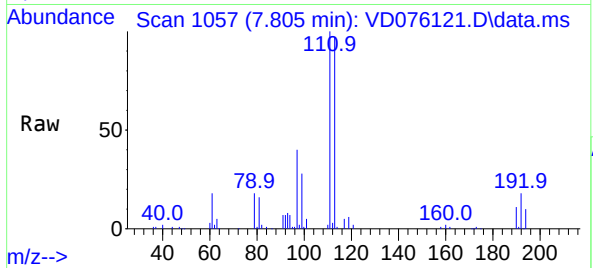
Tgt Ion:114 Resp: 339621
Ion Ratio Lower Upper
114 100
63 16.0 0.0 41.6
88 13.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.808 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

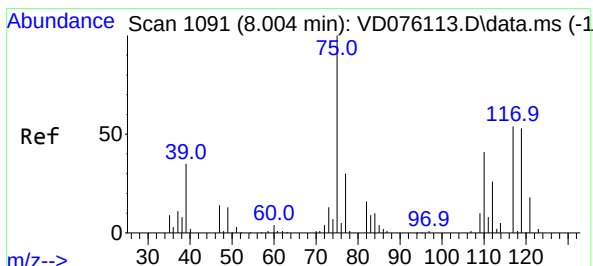
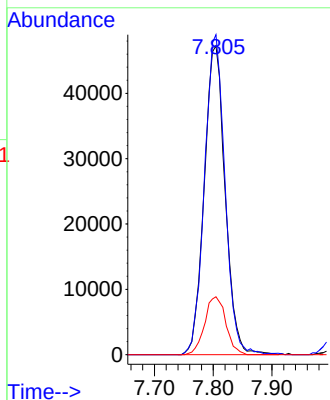
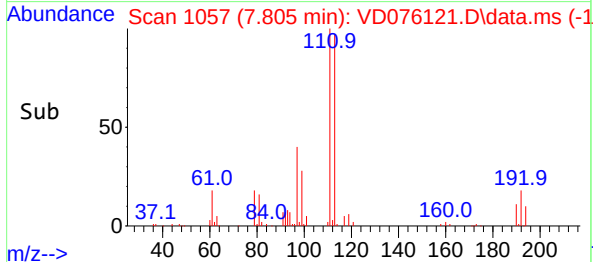
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



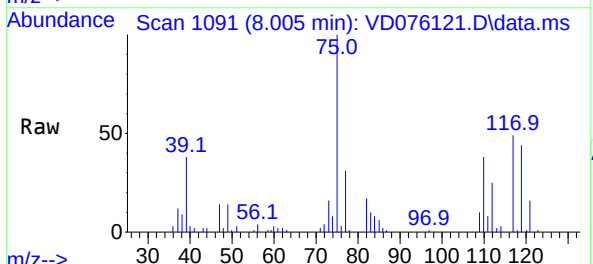
Tgt Ion: 113 Resp: 116920
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 19.0 15.2 22.8

Manual Integrations
APPROVED

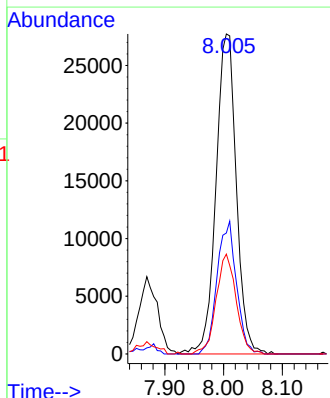
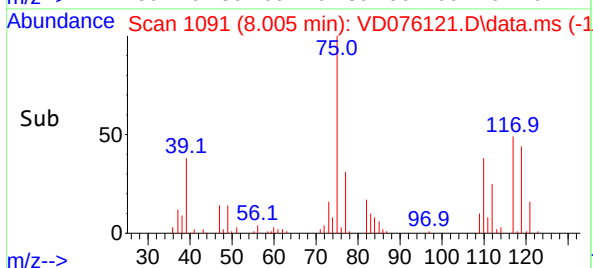
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

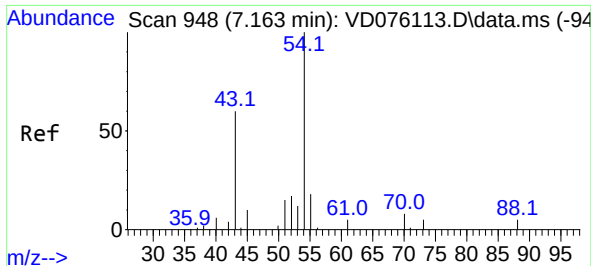


#36
1,1-Dichloropropene
Concen: 21.078 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



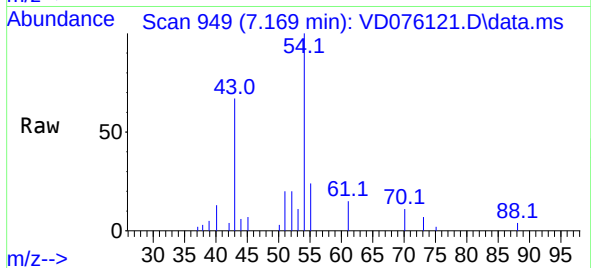
Tgt Ion: 75 Resp: 66827
Ion Ratio Lower Upper
75 100
110 39.4 17.1 51.2
77 30.8 24.6 36.8





#37
Ethyl Acetate
Concen: 19.181 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

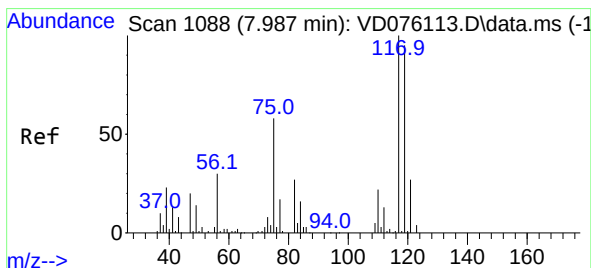
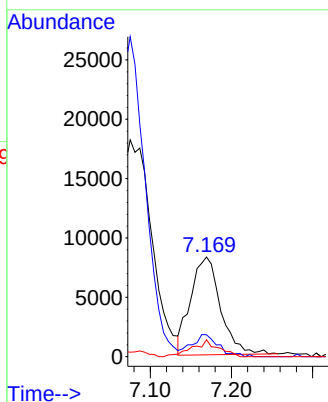
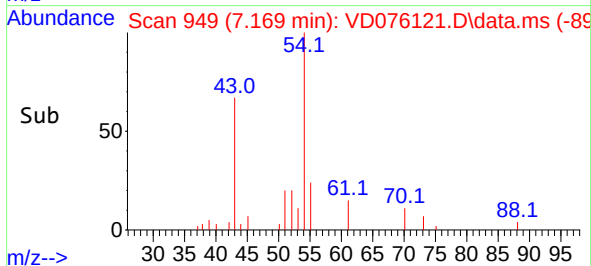
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 43 Resp: 21058
Ion Ratio Lower Upper
43 100
61 20.5 0.0 0.0
70 15.0 5.6 8.4

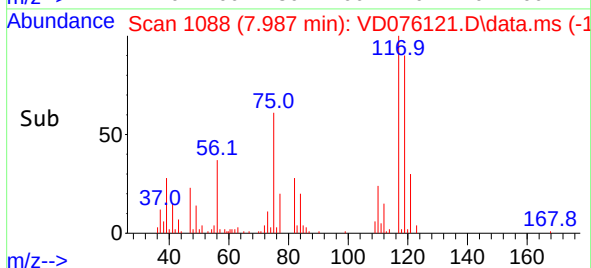
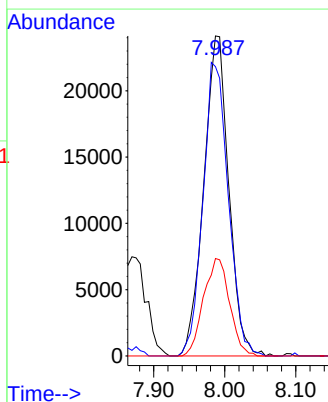
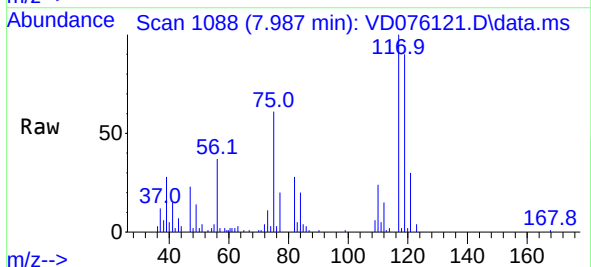
Manual Integrations
APPROVED

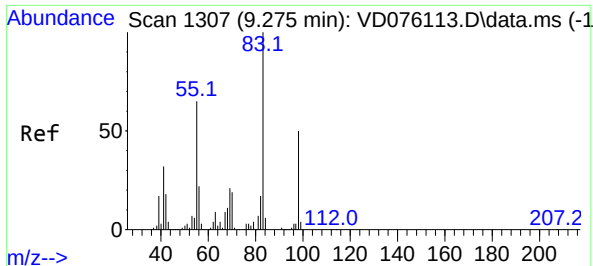
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#38
Carbon Tetrachloride
Concen: 20.588 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

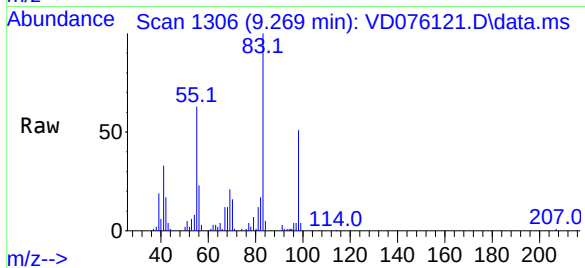
Tgt Ion:117 Resp: 58958
Ion Ratio Lower Upper
117 100
119 90.4 74.7 112.1
121 30.5 25.9 38.9





#39
Methylcyclohexane
Concen: 19.667 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

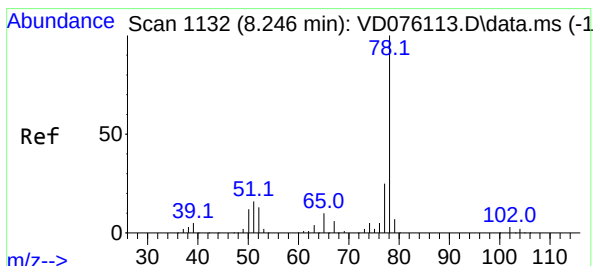
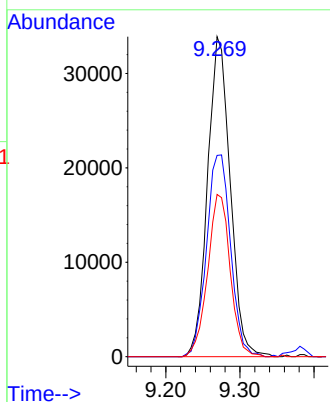
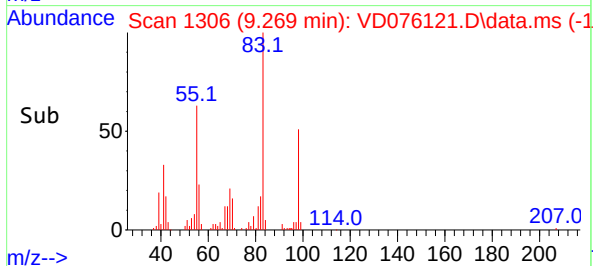
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 83 Resp: 7178
Ion Ratio Lower Upper
83 100
55 62.9 56.8 85.2
98 50.7 38.9 58.3

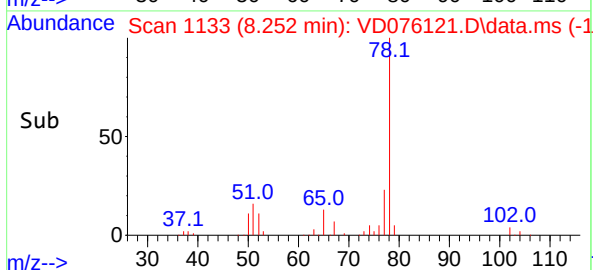
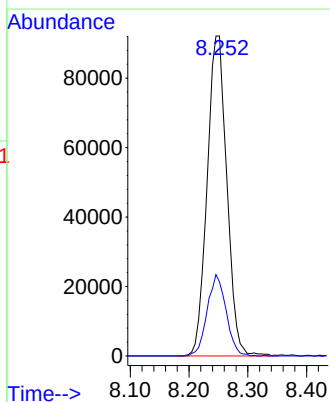
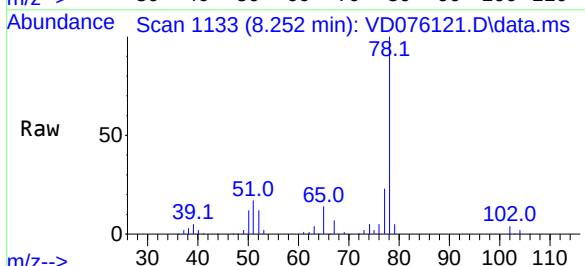
Manual Integrations
APPROVED

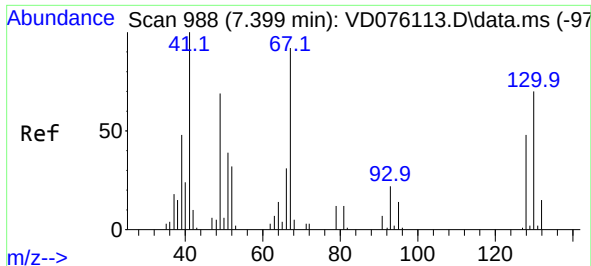
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#40
Benzene
Concen: 21.076 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

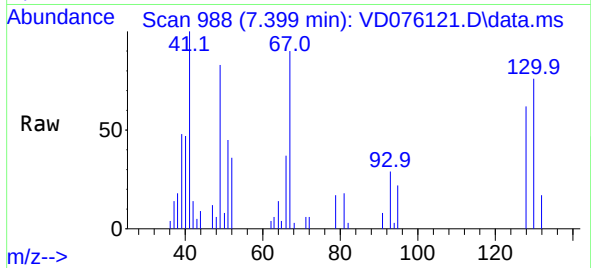
Tgt Ion: 78 Resp: 214834
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7





#41
Methacrylonitrile
Concen: 19.703 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

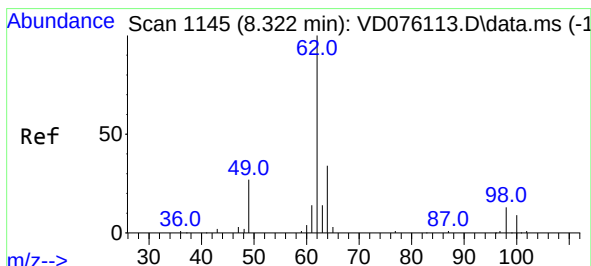
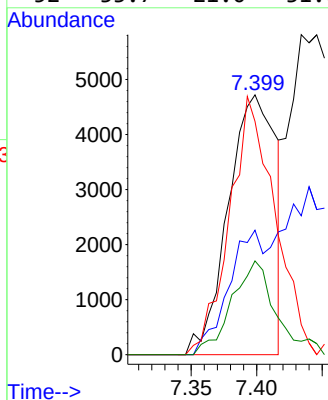
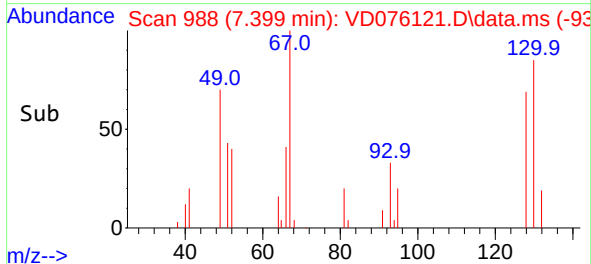
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



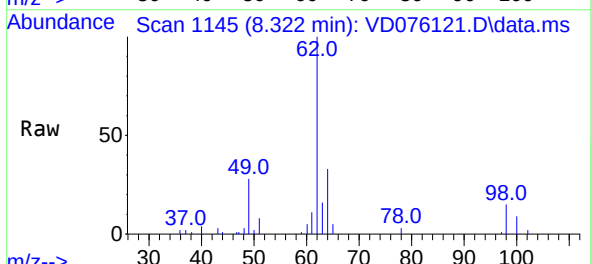
Tgt Ion: 41 Resp: 1186
Ion Ratio Lower Upper
41 100
39 35.2 45.3 67.9
67 94.8 50.5 75.7
52 33.7 21.0 31.6

Manual Integrations
APPROVED

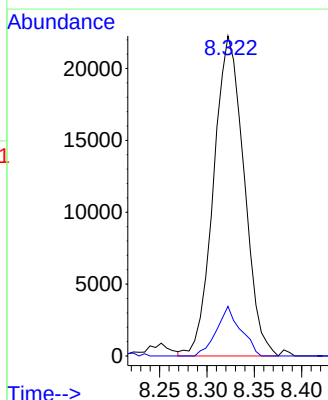
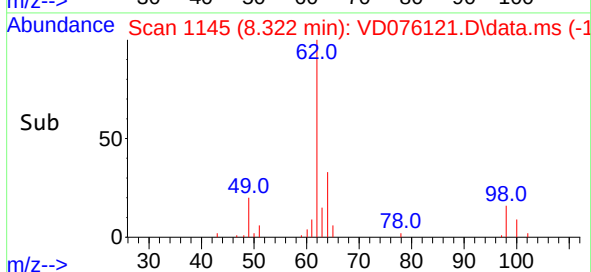
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

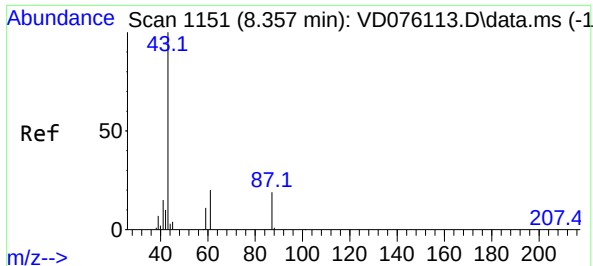


#42
1,2-Dichloroethane
Concen: 20.611 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



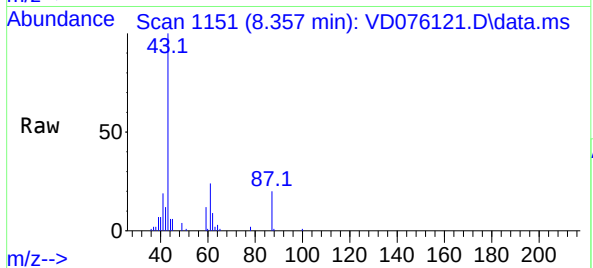
Tgt Ion: 62 Resp: 49693
Ion Ratio Lower Upper
62 100
98 12.3 0.0 18.8





#43
Isopropyl Acetate
Concen: 19.336 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

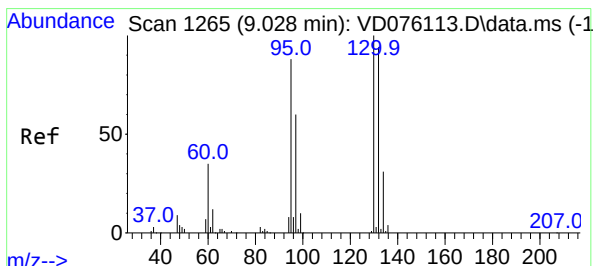
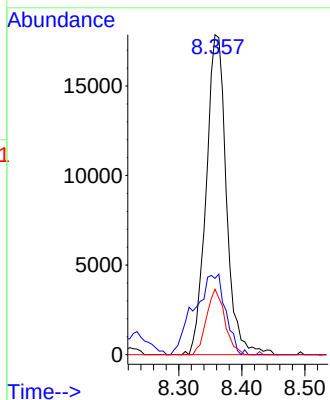
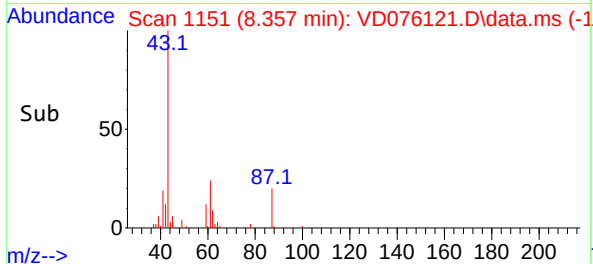
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



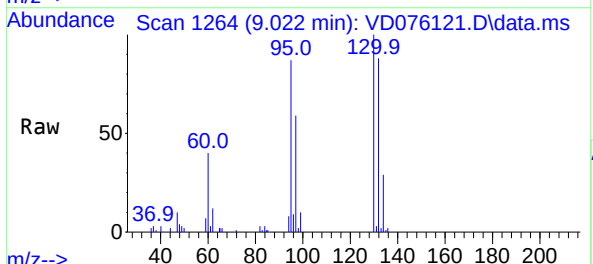
Tgt Ion: 43 Resp: 3965
Ion Ratio Lower Upper
43 100
61 38.5 23.4 35.0
87 18.5 9.5 14.3

Manual Integrations
APPROVED

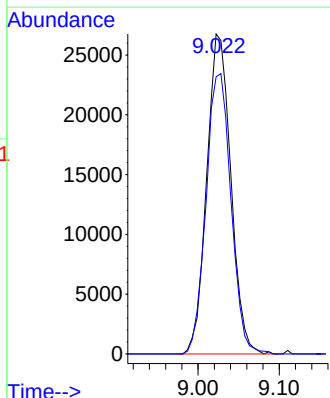
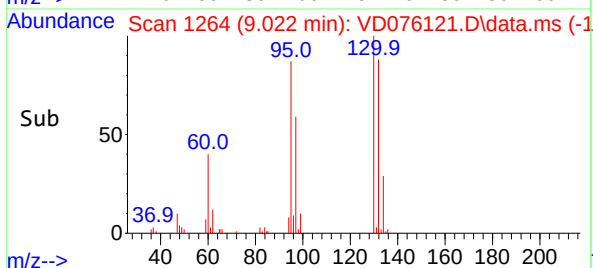
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

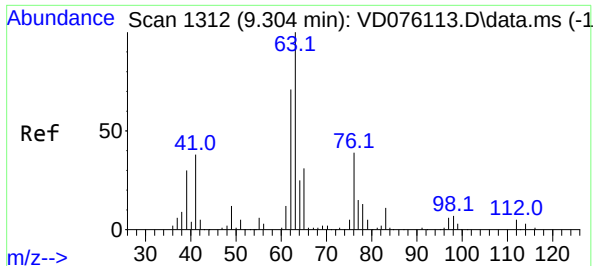


#44
Trichloroethene
Concen: 19.204 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



Tgt Ion:130 Resp: 55167
Ion Ratio Lower Upper
130 100
95 86.6 0.0 197.6





#45

1,2-Dichloropropane

Concen: 19.980 ug/l

RT: 9.299 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD076121.D

Acq: 17 May 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS01

Tgt Ion: 63 Resp: 5023

Ion Ratio Lower Upper

63 100

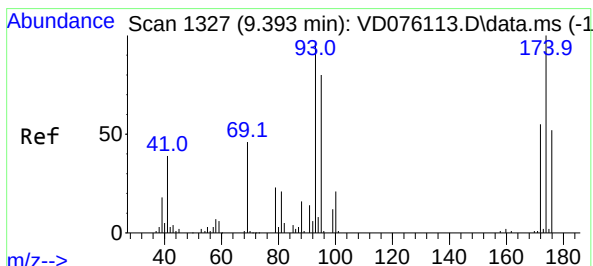
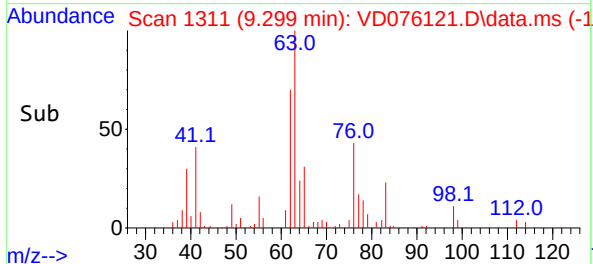
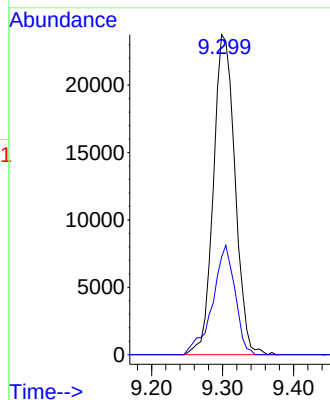
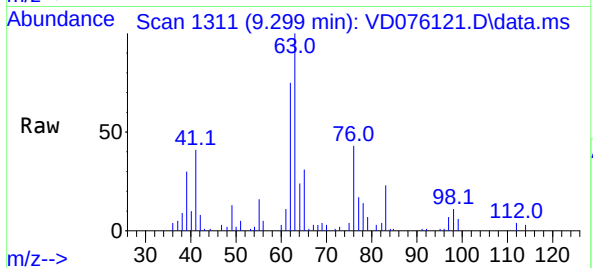
65 30.5 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 20.354 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD076121.D

Acq: 17 May 2023 14:16

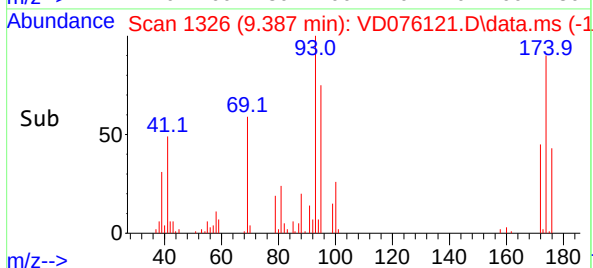
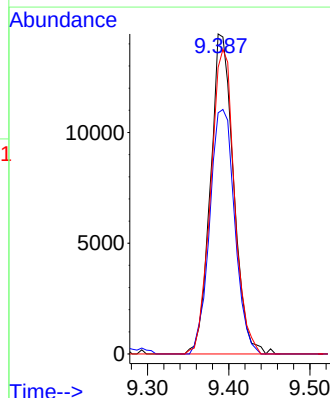
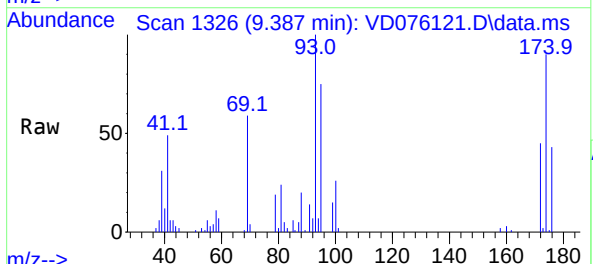
Tgt Ion: 93 Resp: 28685

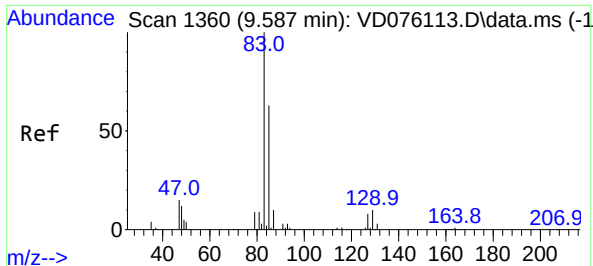
Ion Ratio Lower Upper

93 100

95 82.1 64.5 96.7

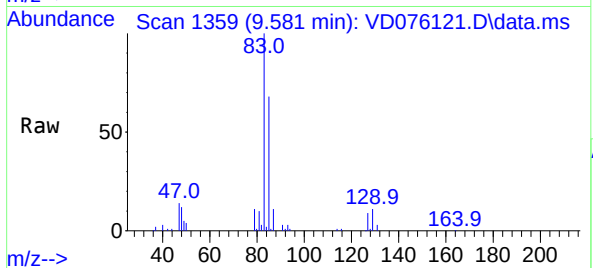
174 97.3 76.2 114.4





#47
Bromodichloromethane
Concen: 20.110 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

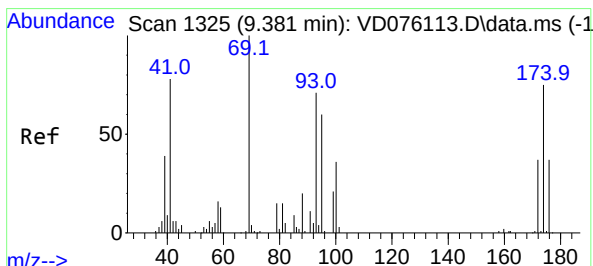
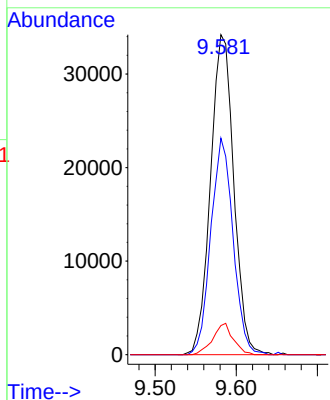
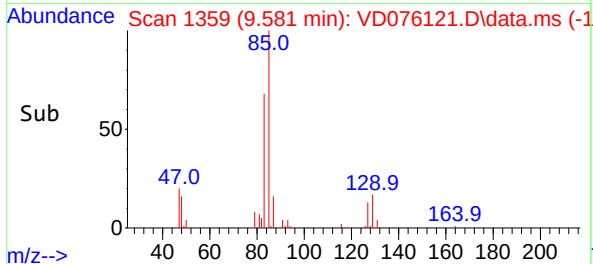
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



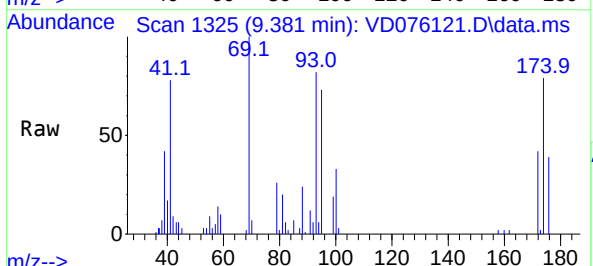
Tgt Ion: 83 Resp: 6811
Ion Ratio Lower Upper
83 100
85 67.6 53.7 80.5
127 9.1 7.0 10.6

Manual Integrations
APPROVED

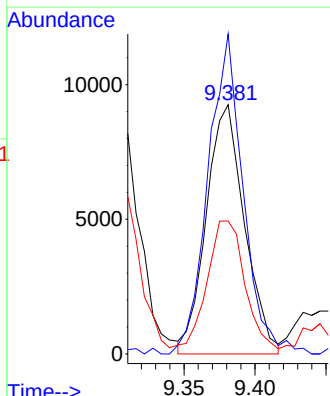
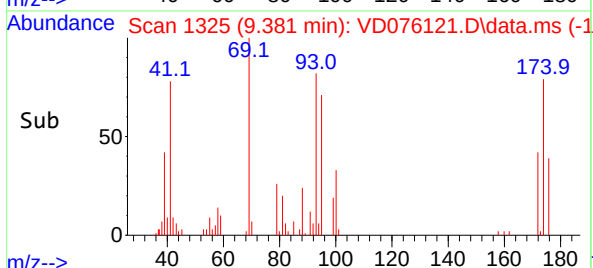
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

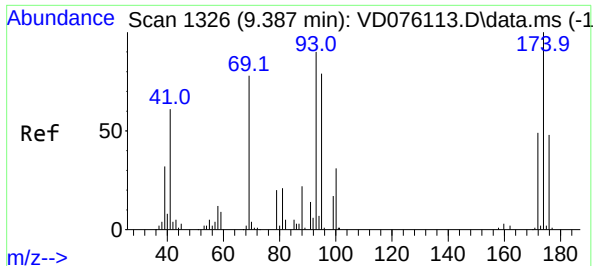


#48
Methyl methacrylate
Concen: 19.122 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



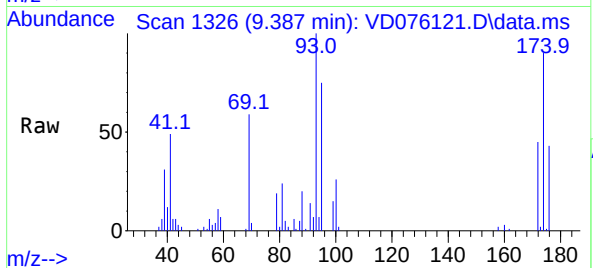
Tgt Ion: 41 Resp: 17357
Ion Ratio Lower Upper
41 100
69 118.0 58.6 88.0#
39 50.8 53.4 80.0#





#49
1,4-Dioxane
Concen: 421.822 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

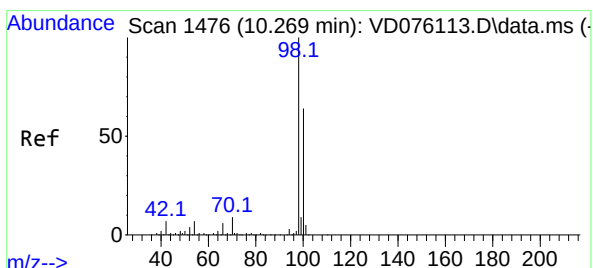
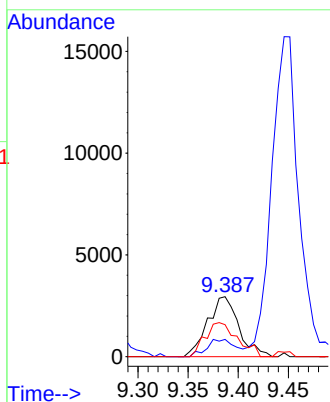
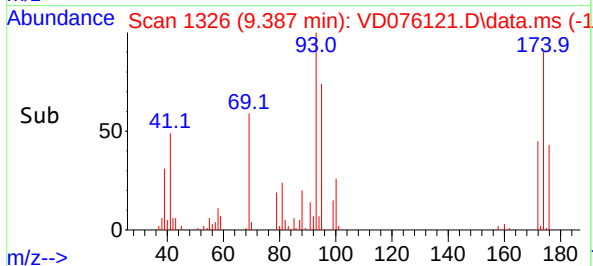
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



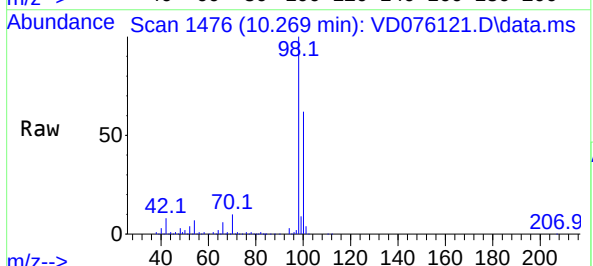
Tgt Ion: 88 Resp: 635
Ion Ratio Lower Upper
88 100
43 26.4 34.6 51.8
58 58.9 58.0 87.0

Manual Integrations
APPROVED

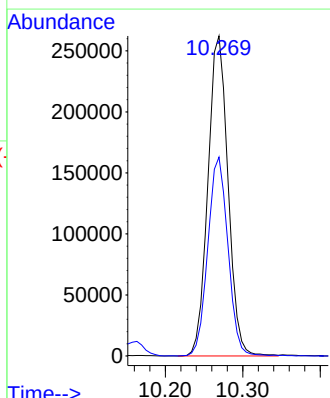
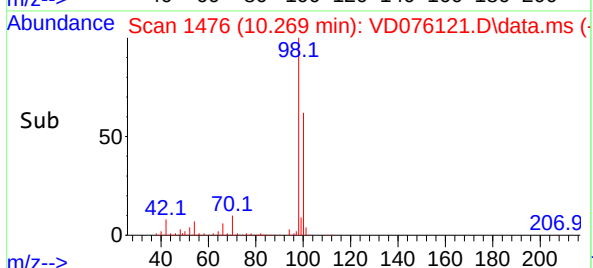
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

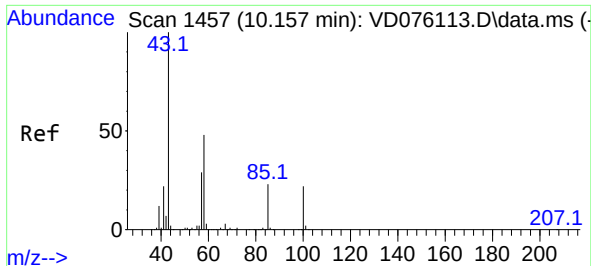


#50
Toluene-d8
Concen: 51.666 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



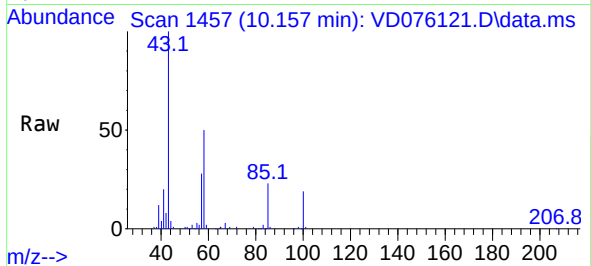
Tgt Ion: 98 Resp: 472809
Ion Ratio Lower Upper
98 100
100 62.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 95.006 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

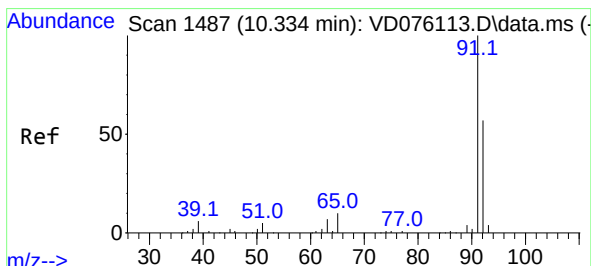
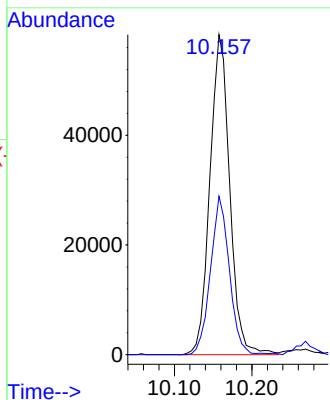
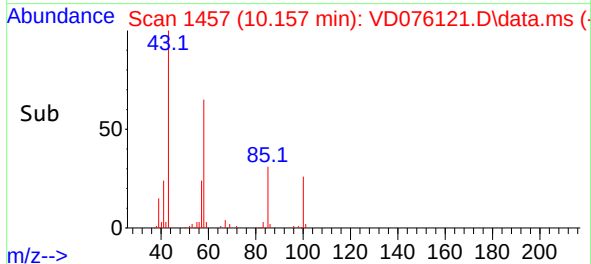
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



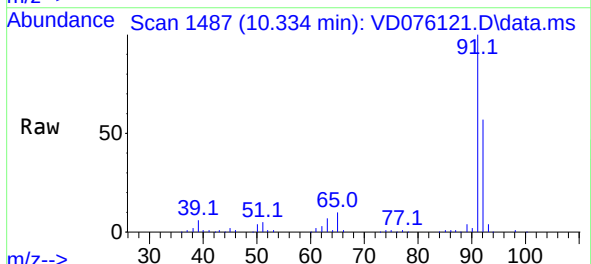
Tgt Ion: 43 Resp: 103620
Ion Ratio Lower Upper
43 100
58 47.1 29.5 44.3

Manual Integrations
APPROVED

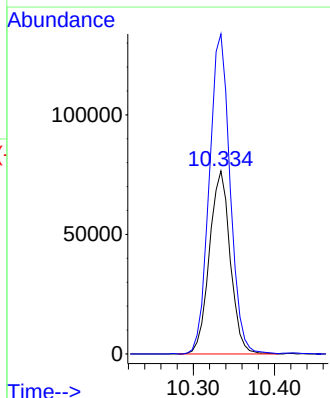
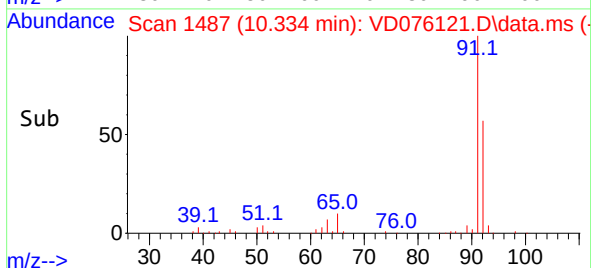
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

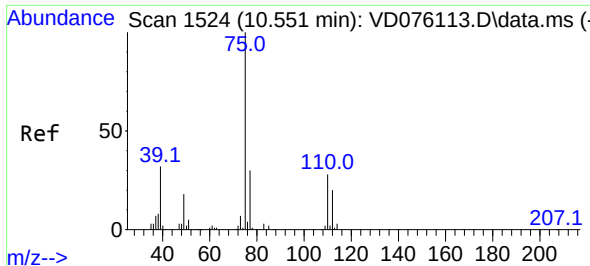


#52
Toluene
Concen: 21.416 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



Tgt Ion: 92 Resp: 136336
Ion Ratio Lower Upper
92 100
91 174.8 136.5 204.7





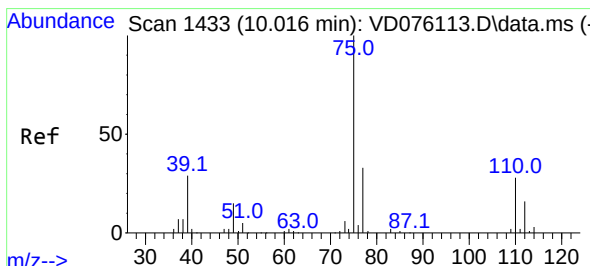
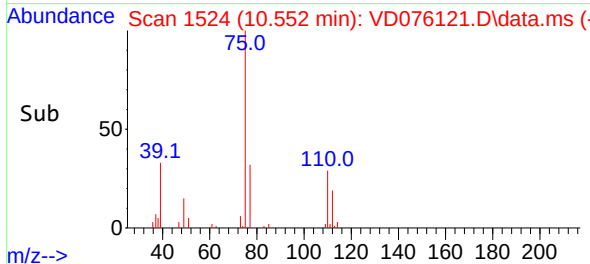
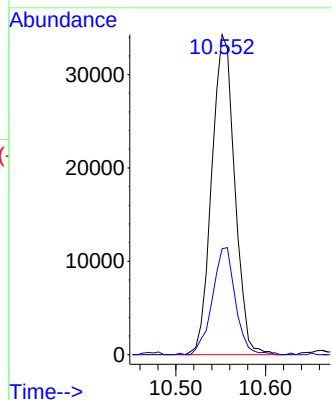
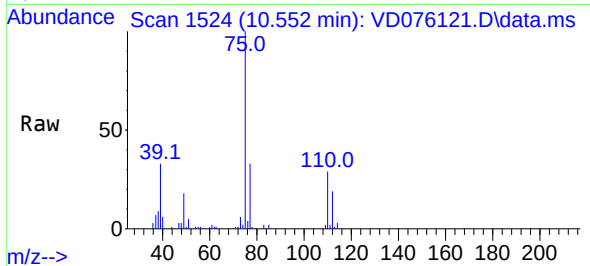
#53
t-1,3-Dichloropropene
Concen: 19.956 ug/l
RT: 10.552 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 75 Resp: 60918
Ion Ratio Lower Upper
75 100
77 33.1 26.3 39.5

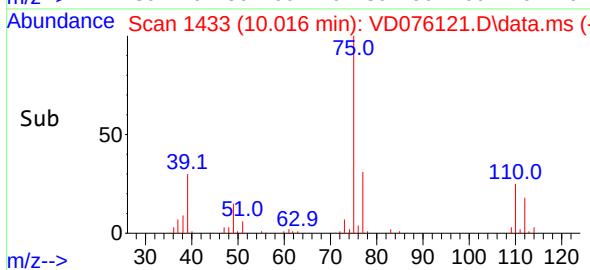
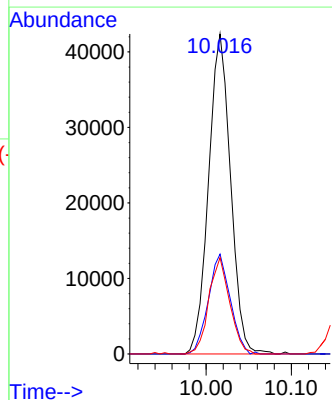
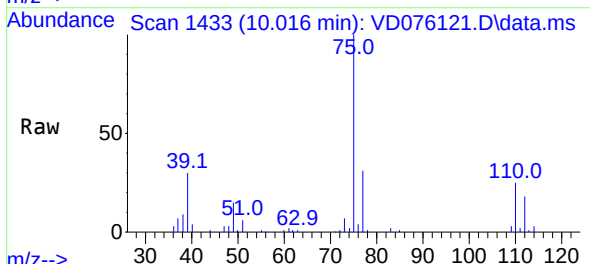
Manual Integrations
APPROVED

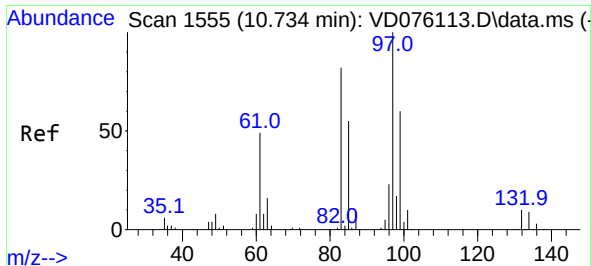
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#54
cis-1,3-Dichloropropene
Concen: 20.373 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

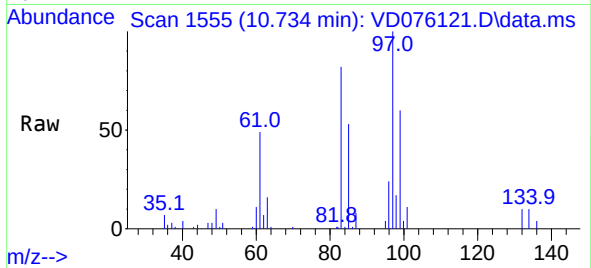
Tgt Ion: 75 Resp: 75899
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 30.1 44.8 67.2#





#55
1,1,2-Trichloroethane
Concen: 20.226 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

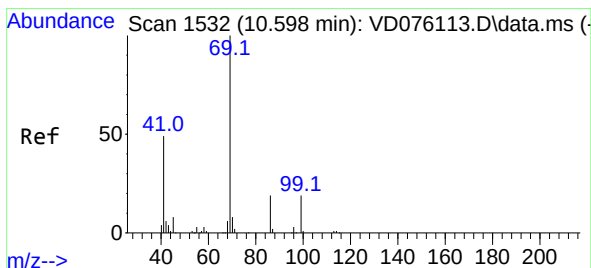
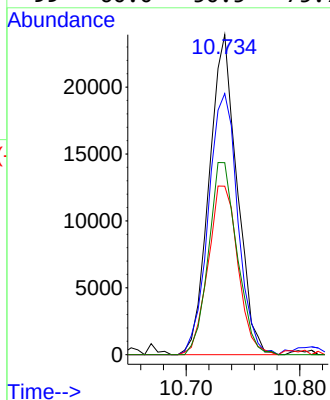
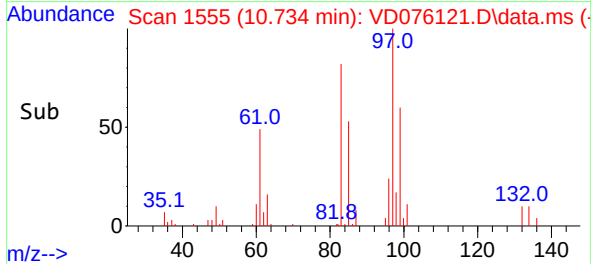
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



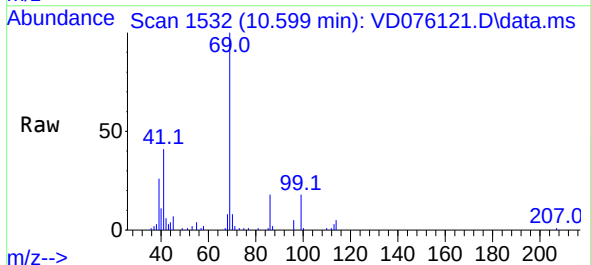
Tgt Ion: 97 Resp: 40875
Ion Ratio Lower Upper
97 100
83 81.6 74.2 111.4
85 52.6 45.4 68.0
99 60.0 50.5 75.7

Manual Integrations
APPROVED

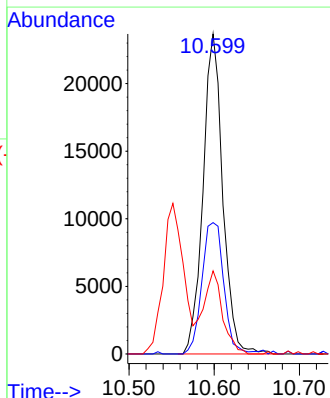
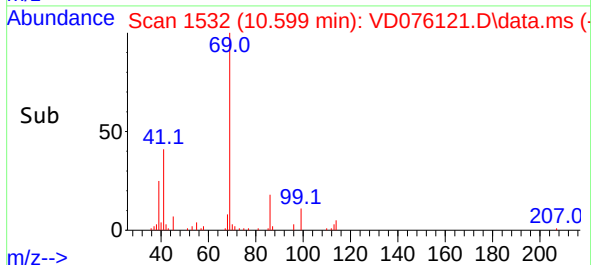
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

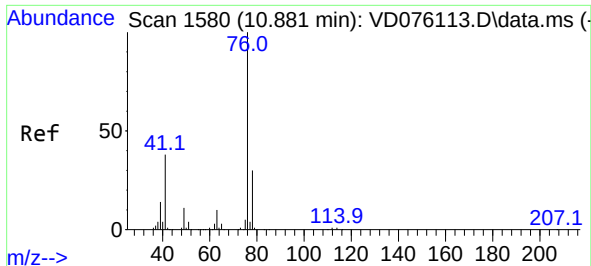


#56
Ethyl methacrylate
Concen: 18.754 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



Tgt Ion: 69 Resp: 38096
Ion Ratio Lower Upper
69 100
41 45.2 59.3 88.9#
39 25.5 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 20.817 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076121.D

Acq: 17 May 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS01

Tgt Ion: 76 Resp: 6600

Ion Ratio Lower Upper

76 100

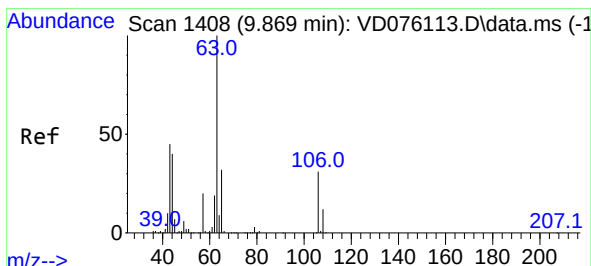
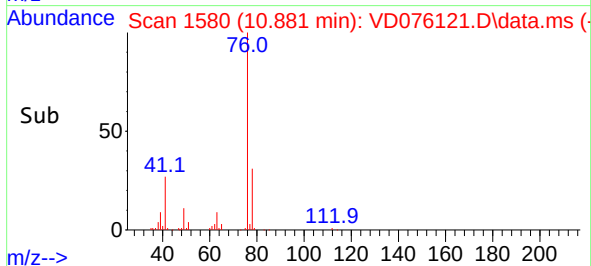
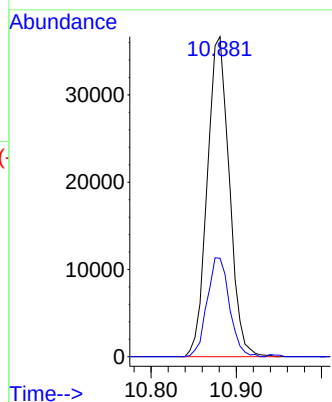
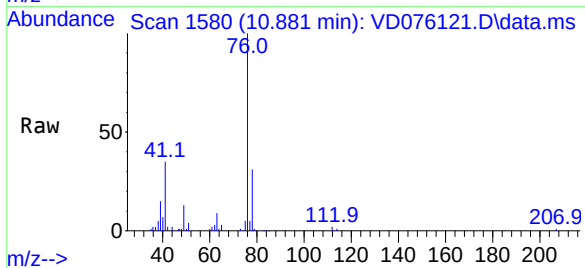
78 31.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.626 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076121.D

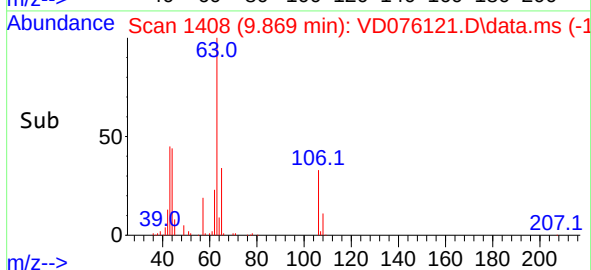
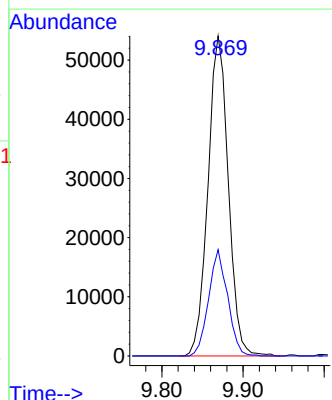
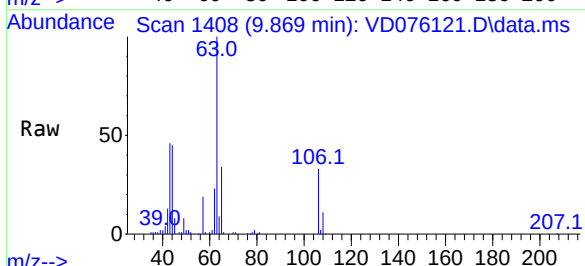
Acq: 17 May 2023 14:16

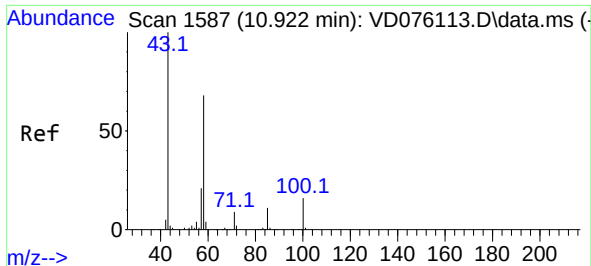
Tgt Ion: 63 Resp: 94177

Ion Ratio Lower Upper

63 100

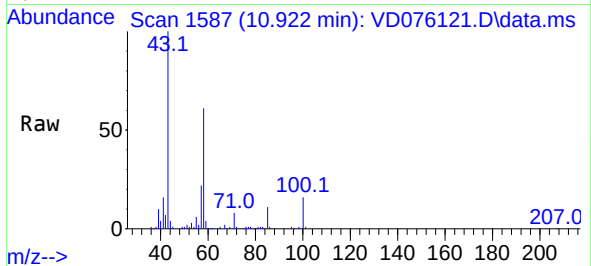
106 31.0 21.4 32.2





#59
2-Hexanone
Concen: 98.232 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

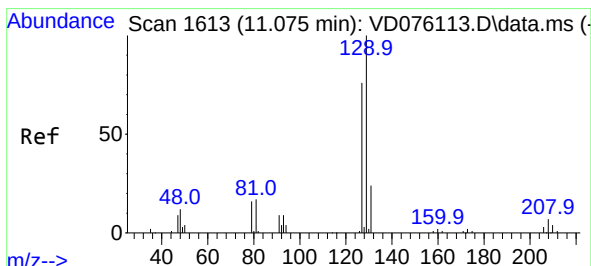
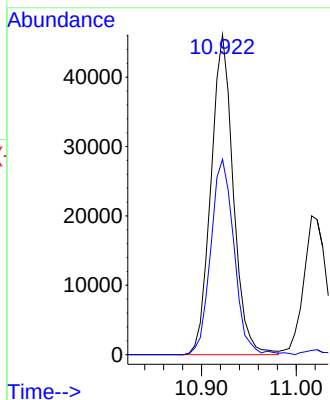
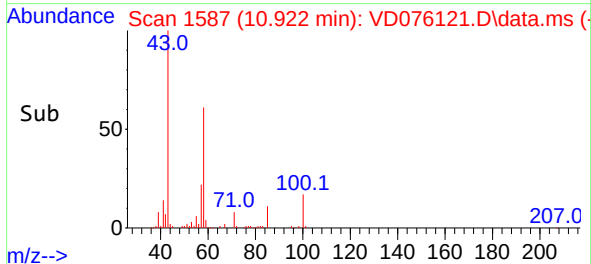
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 43 Resp: 75562
Ion Ratio Lower Upper
43 100
58 63.7 25.3 75.8

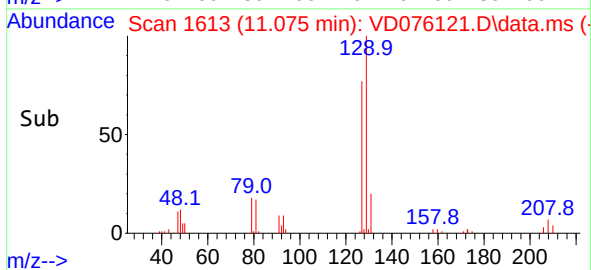
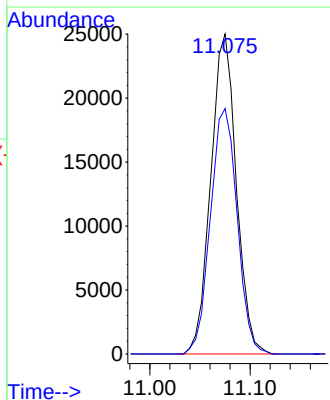
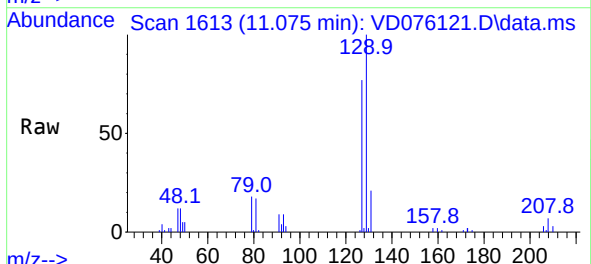
Manual Integrations
APPROVED

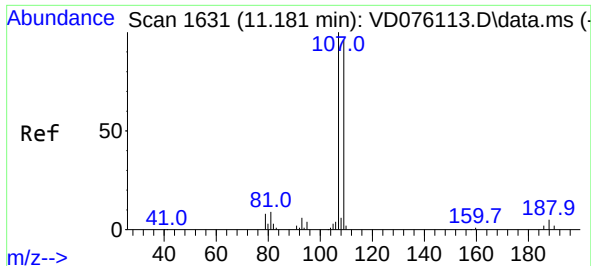
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 19.465 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

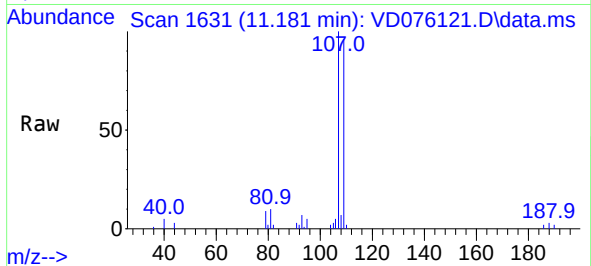
Tgt Ion:129 Resp: 44232
Ion Ratio Lower Upper
129 100
127 80.3 38.1 114.5





#61
1,2-Dibromoethane
Concen: 20.158 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

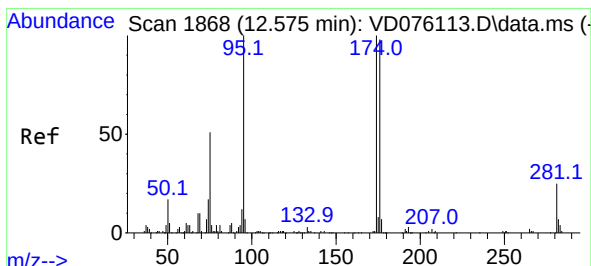
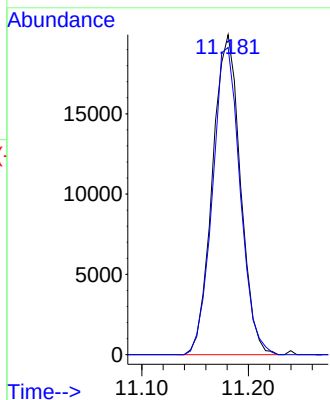
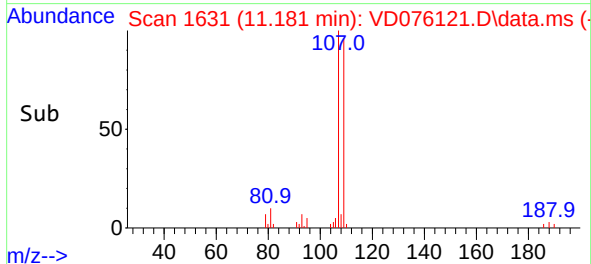
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



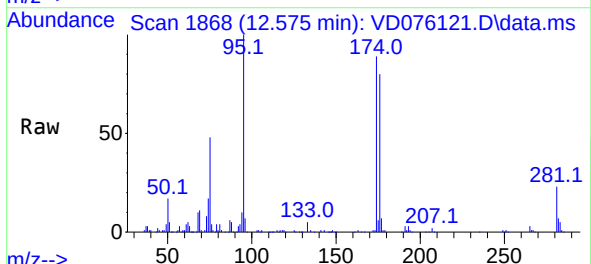
Tgt Ion:107 Resp: 36239
Ion Ratio Lower Upper
107 100
109 95.3 73.6 110.4

Manual Integrations
APPROVED

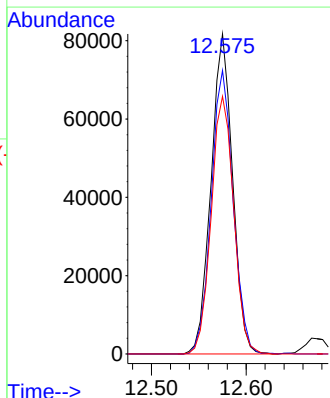
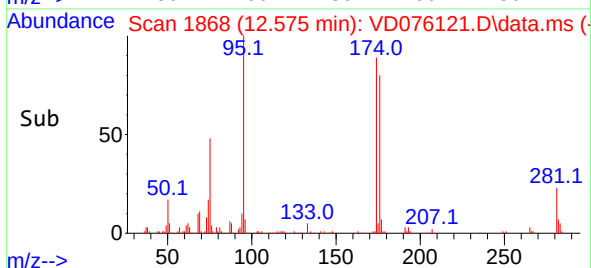
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

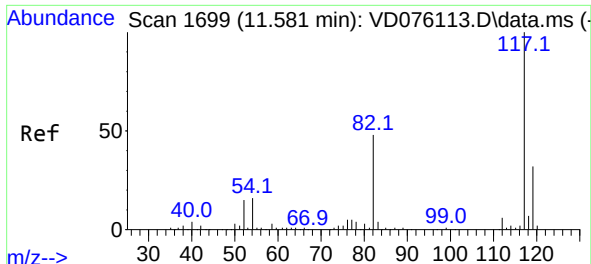


#62
4-Bromofluorobenzene
Concen: 50.906 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



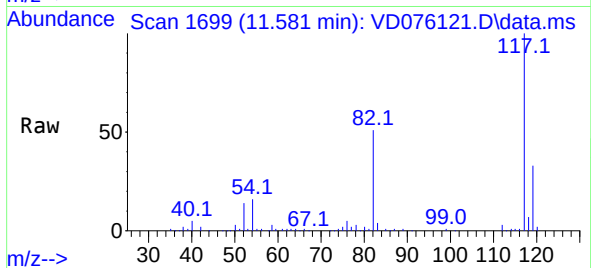
Tgt Ion: 95 Resp: 129407
Ion Ratio Lower Upper
95 100
174 90.4 0.0 164.0
176 83.9 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

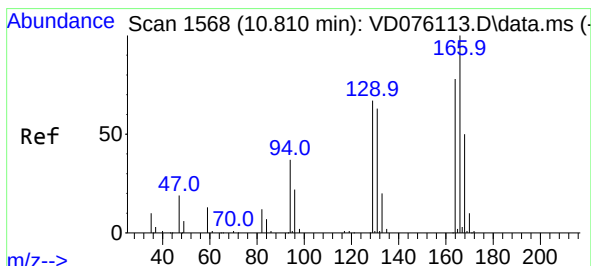
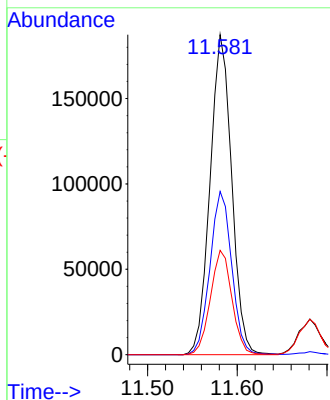
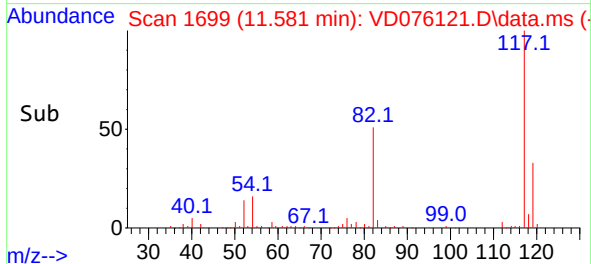
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



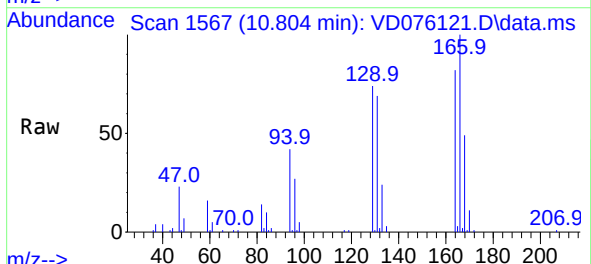
Tgt Ion:117 Resp: 31384
Ion Ratio Lower Upper
117 100
82 51.0 44.0 66.0
119 32.6 25.1 37.7

Manual Integrations
APPROVED

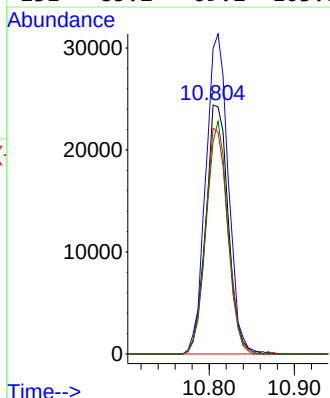
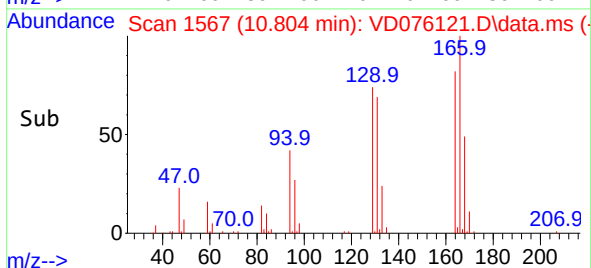
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

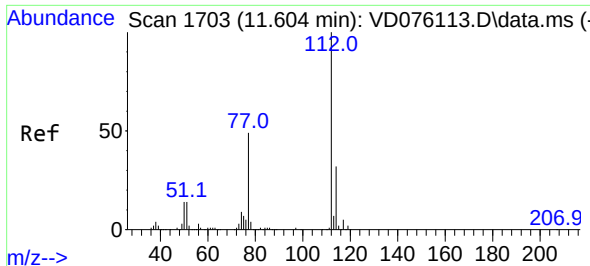


#64
Tetrachloroethene
Concen: 18.512 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



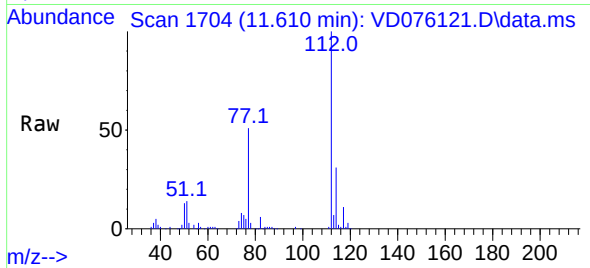
Tgt Ion:164 Resp: 44677
Ion Ratio Lower Upper
164 100
166 122.7 94.9 142.3
129 90.7 73.0 109.6
131 85.2 69.2 103.8





#65
Chlorobenzene
Concen: 19.760 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

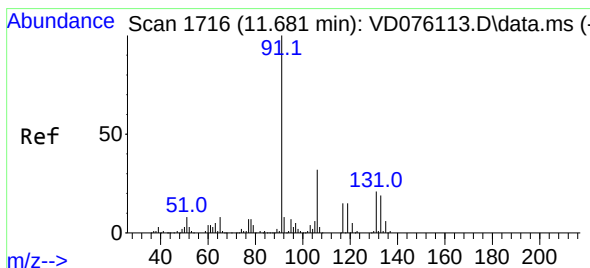
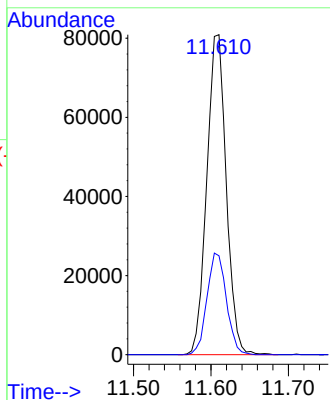
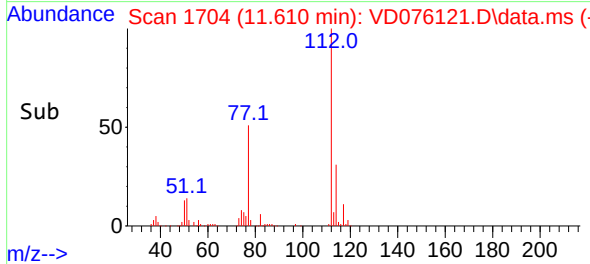
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion:112 Resp: 14118
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8

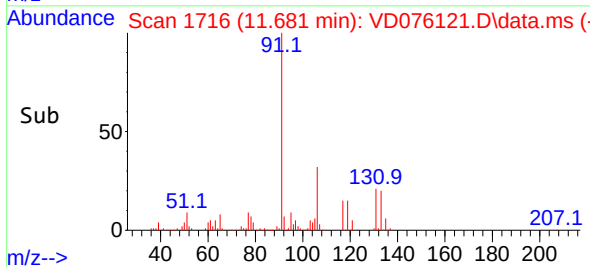
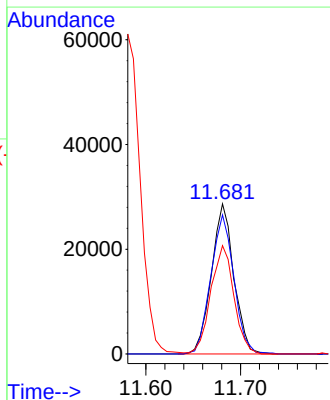
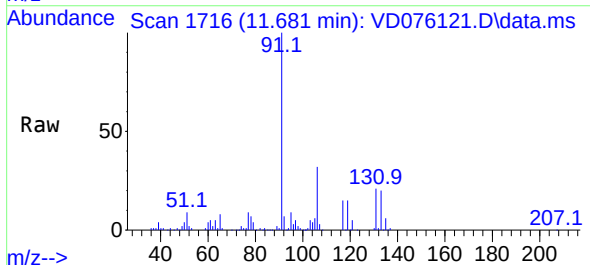
Manual Integrations
APPROVED

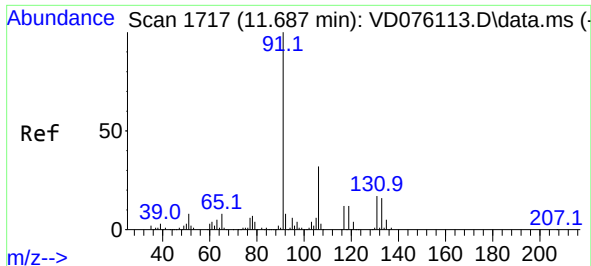
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.174 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

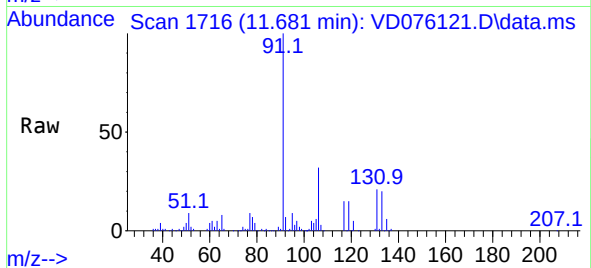
Tgt Ion:131 Resp: 47145
Ion Ratio Lower Upper
131 100
133 95.4 46.7 140.0
119 74.2 31.9 95.9





#67
Ethyl Benzene
Concen: 19.915 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

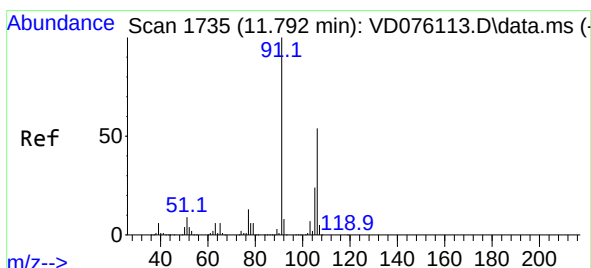
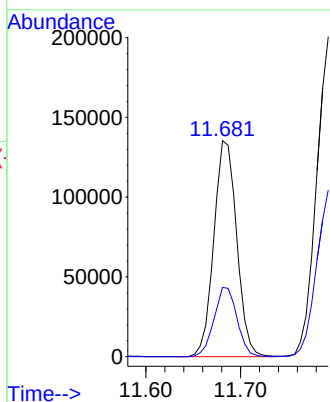
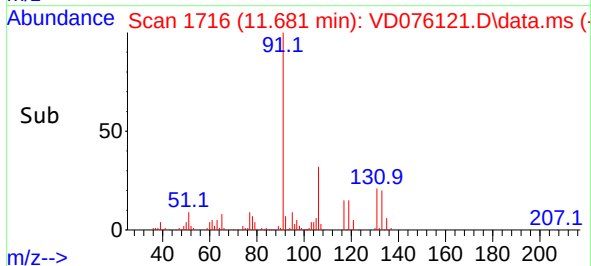
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



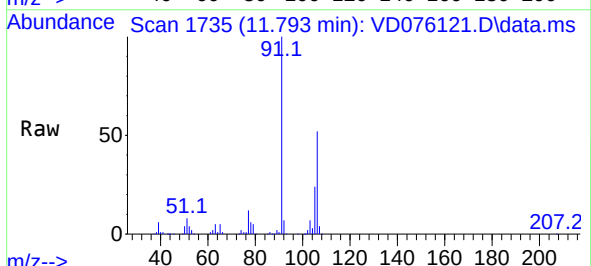
Tgt Ion: 91 Resp: 227372
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7

Manual Integrations
APPROVED

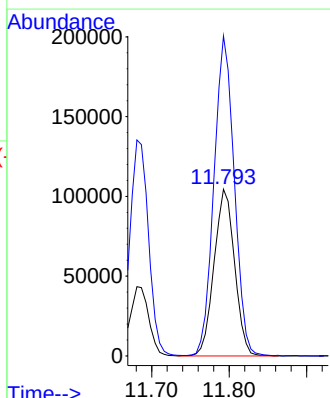
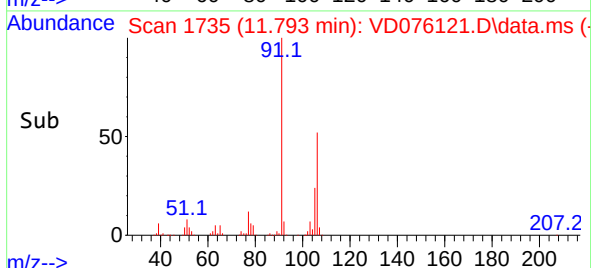
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

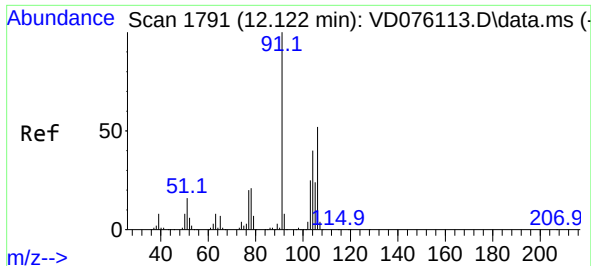


#68
m/p-Xylenes
Concen: 41.233 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



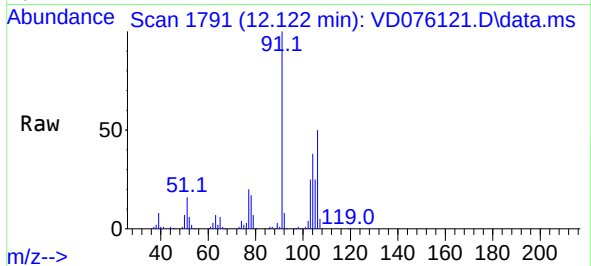
Tgt Ion:106 Resp: 192399
Ion Ratio Lower Upper
106 100
91 189.8 161.5 242.3





#69
o-Xylene
Concen: 19.917 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

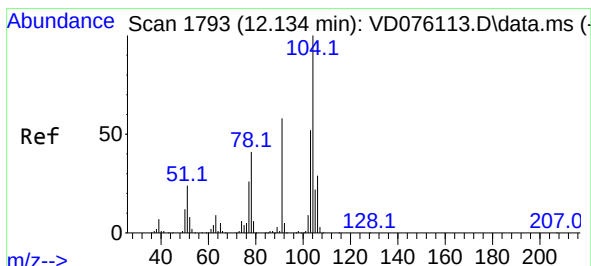
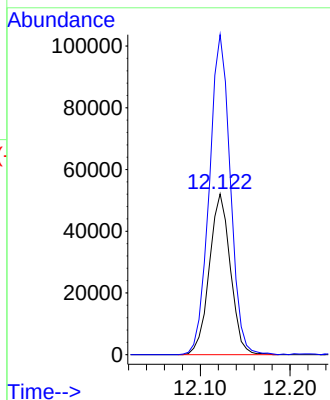
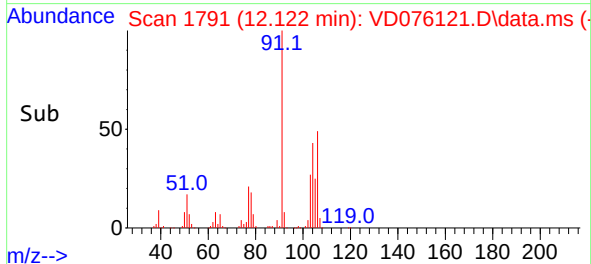
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



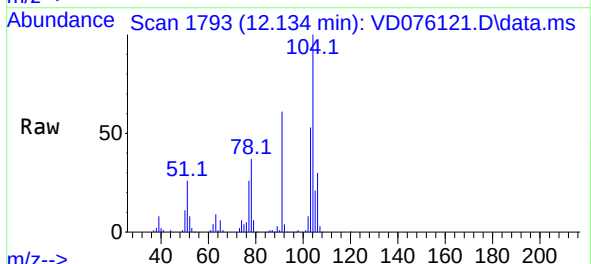
Tgt Ion:106 Resp: 84798
Ion Ratio Lower Upper
106 100
91 199.0 105.7 317.1

Manual Integrations
APPROVED

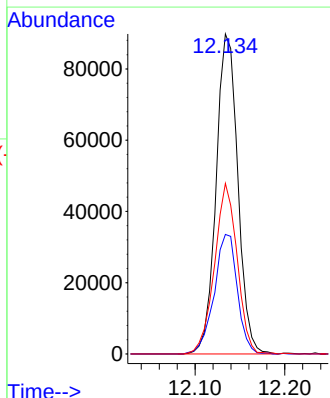
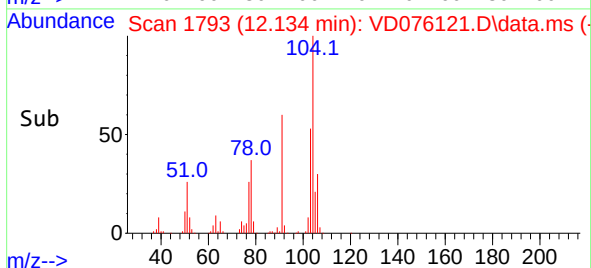
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

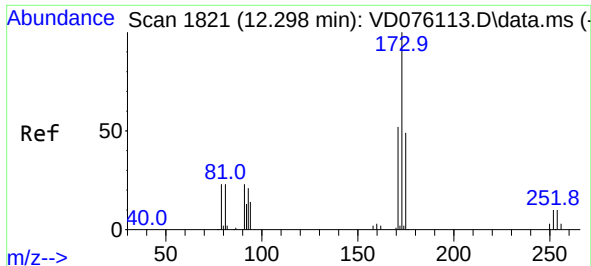


#70
Styrene
Concen: 20.435 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



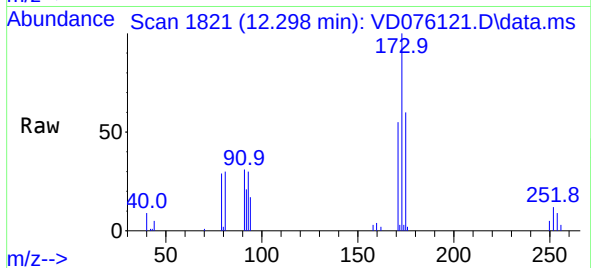
Tgt Ion:104 Resp: 150847
Ion Ratio Lower Upper
104 100
78 40.0 40.2 60.4#
103 55.5 44.2 66.2





#71
Bromoform
Concen: 17.792 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

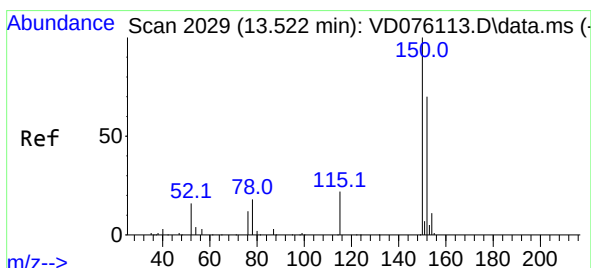
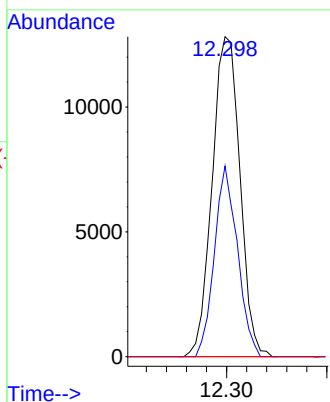
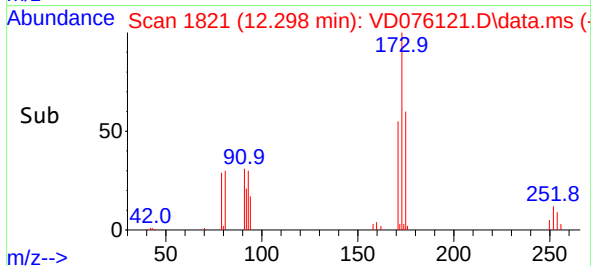
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



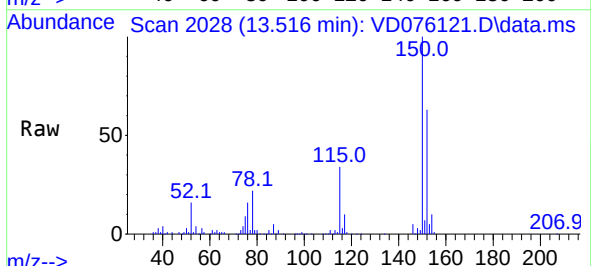
Tgt Ion:173 Resp: 2460
Ion Ratio Lower Upper
173 100
175 49.5 23.5 70.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

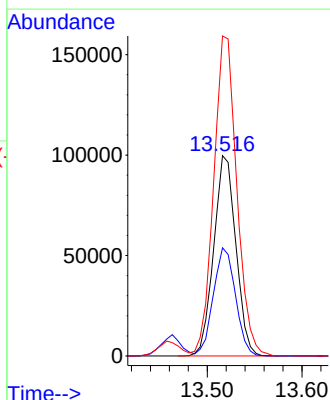
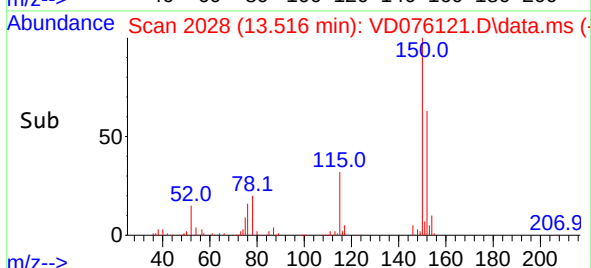
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

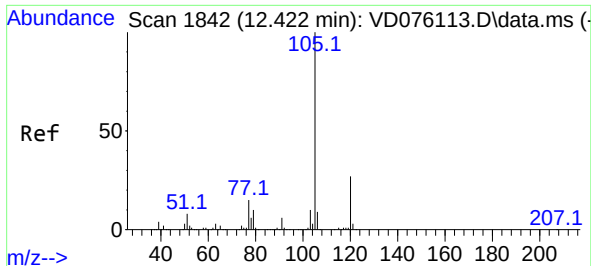


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



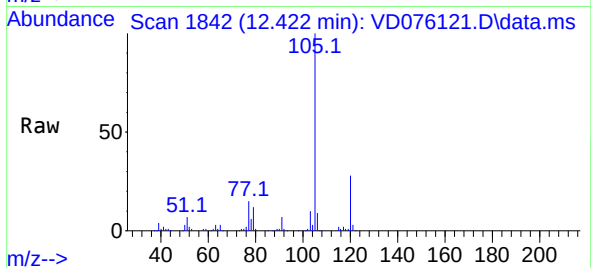
Tgt Ion:152 Resp: 162205
Ion Ratio Lower Upper
152 100
115 54.0 30.1 90.3
150 167.0 0.0 364.8





#73
Isopropylbenzene
Concen: 20.039 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

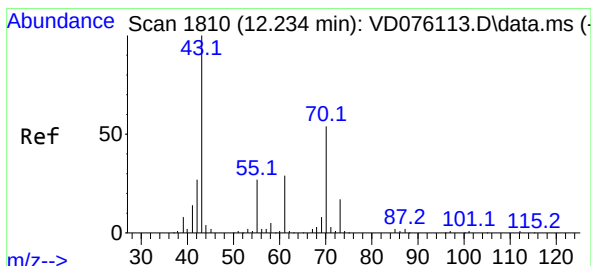
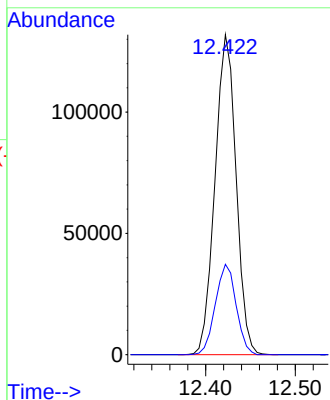
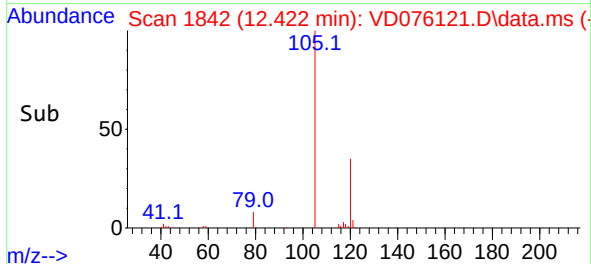
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



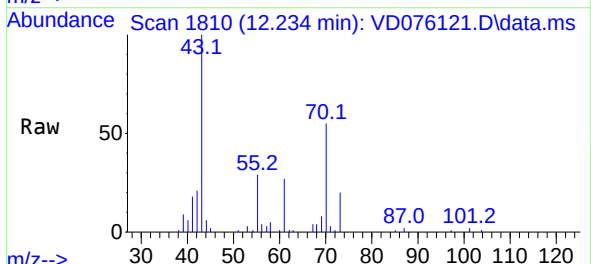
Tgt Ion:105 Resp: 21502
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1

Manual Integrations
APPROVED

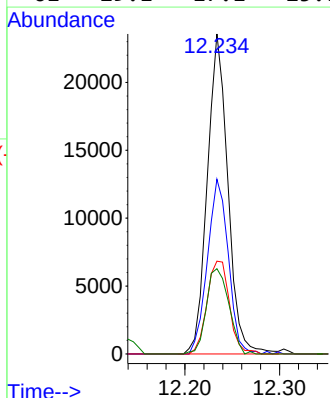
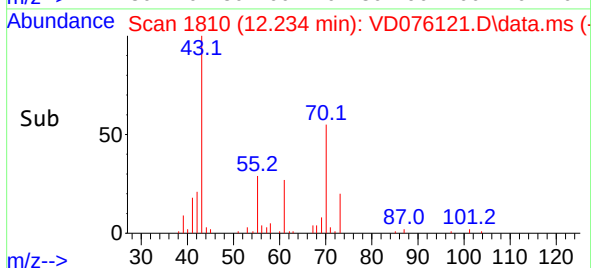
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

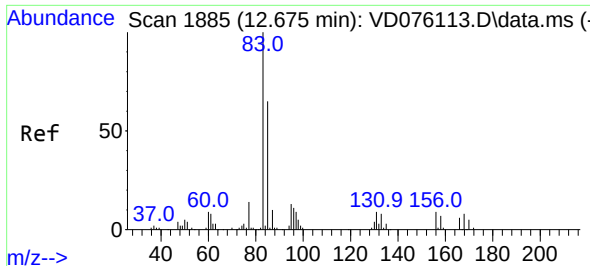


#74
N-ethyl acetate
Concen: 18.647 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



Tgt Ion: 43 Resp: 35639
Ion Ratio Lower Upper
43 100
70 55.3 31.0 46.4#
55 31.5 18.6 28.0#
61 29.1 17.1 25.7#





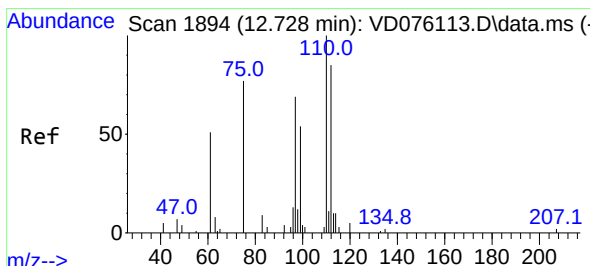
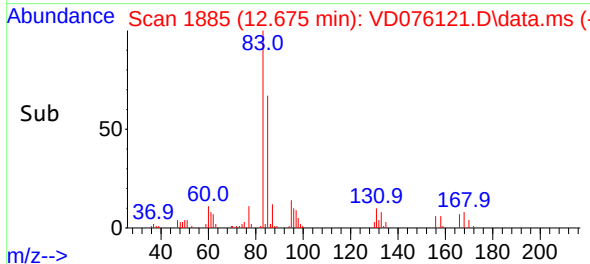
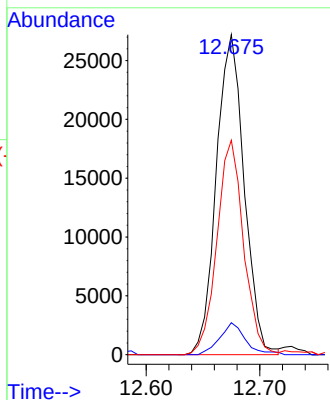
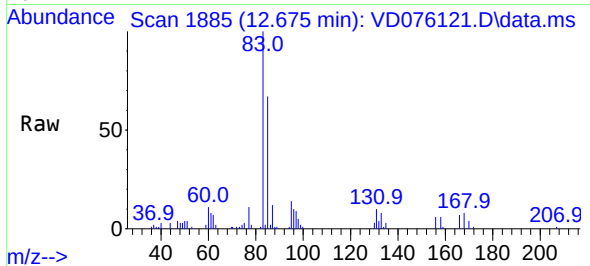
#75
1,1,2,2-Tetrachloroethane
Concen: 20.122 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 83 Resp: 46404
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.2
85 64.1 33.6 100.6

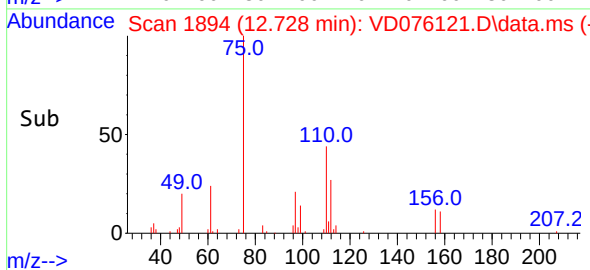
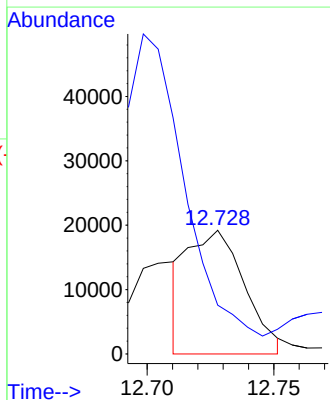
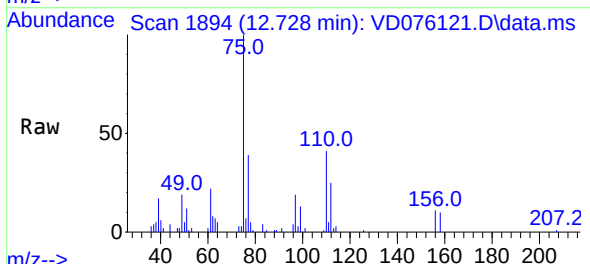
Manual Integrations
APPROVED

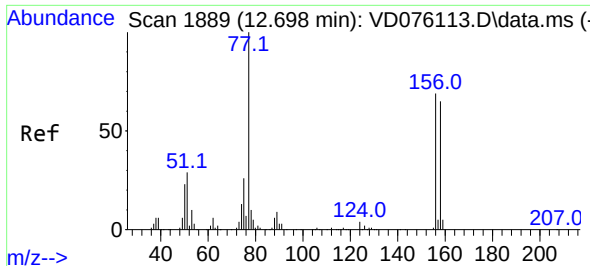
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,2,3-Trichloropropane
Concen: 21.119 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Tgt Ion: 75 Resp: 29977
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





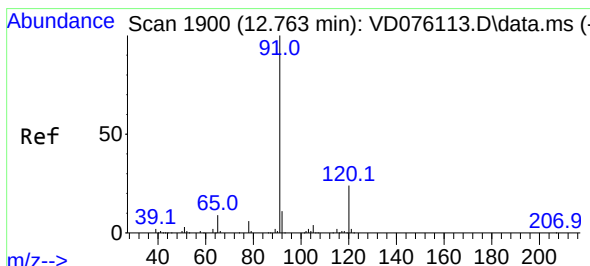
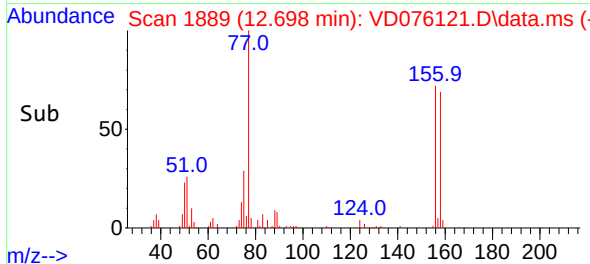
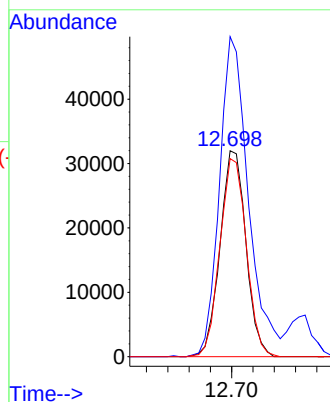
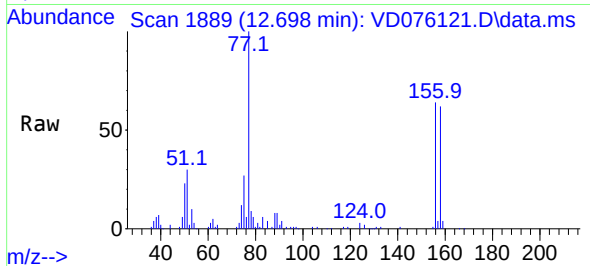
#77
Bromobenzene
Concen: 18.750 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	173.4	89.5	268.6
158	98.2	47.8	143.4

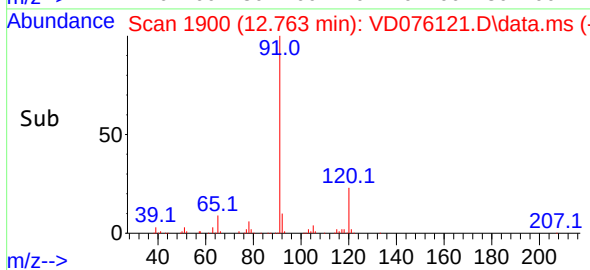
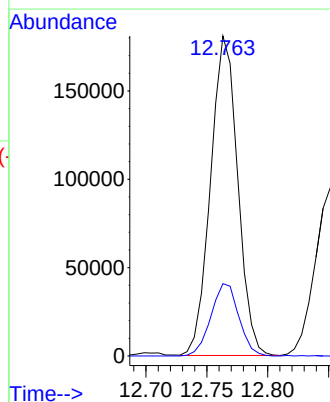
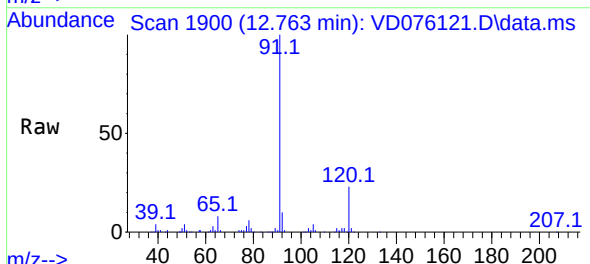
Manual Integrations
APPROVED

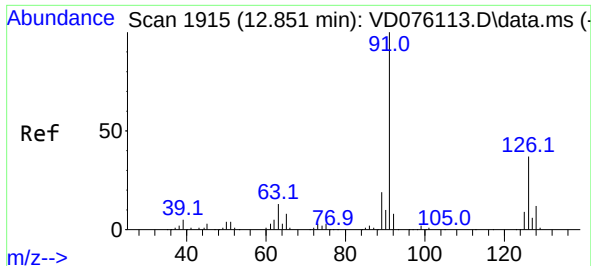
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#78
n-propylbenzene
Concen: 21.006 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.4	34.2





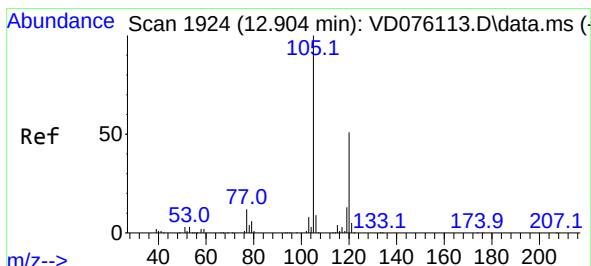
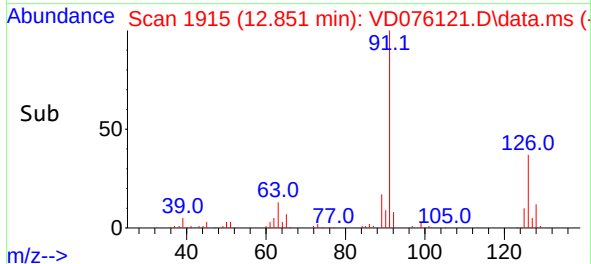
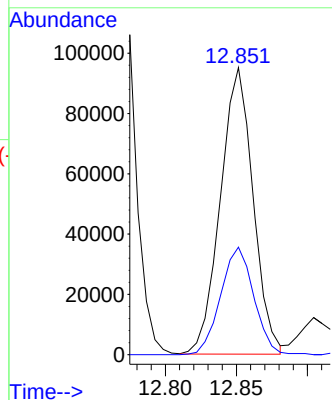
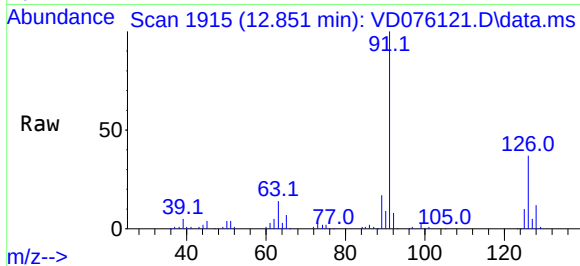
#79
2-Chlorotoluene
Concen: 20.602 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 91 Resp: 15228
Ion Ratio Lower Upper
91 100
126 38.0 16.8 50.3

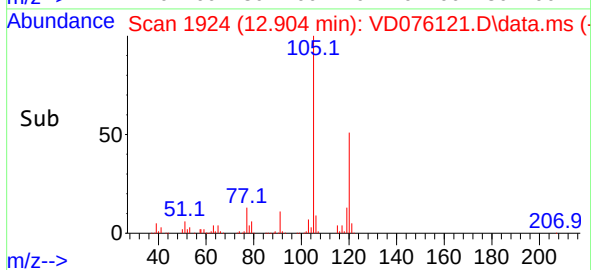
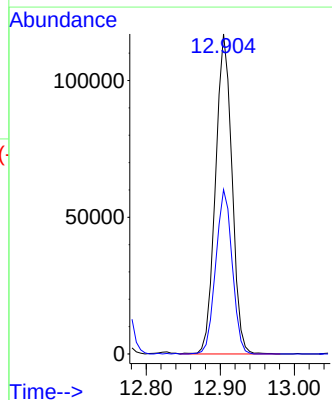
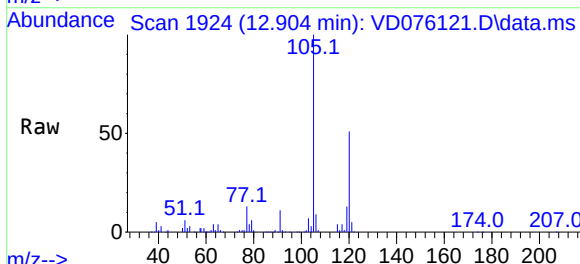
Manual Integrations
APPROVED

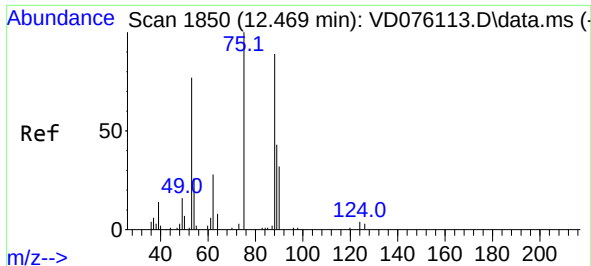
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.326 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Tgt Ion:105 Resp: 180806
Ion Ratio Lower Upper
105 100
120 51.1 24.3 72.8





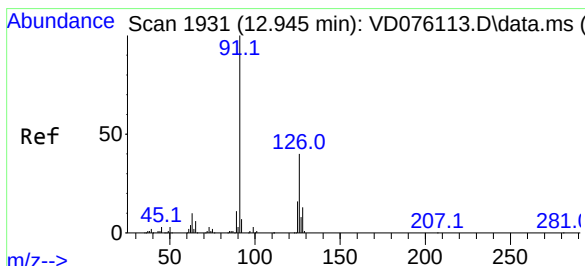
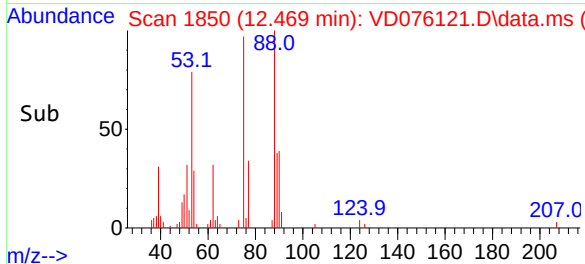
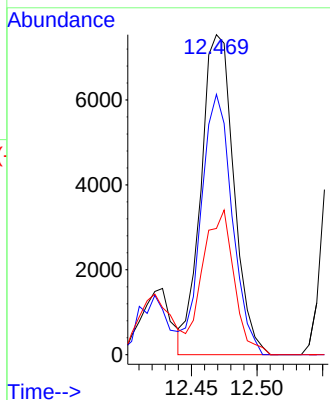
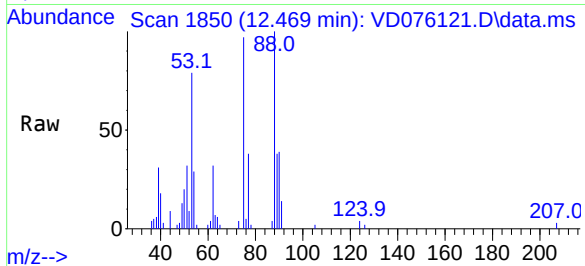
#81
trans-1,4-Dichloro-2-butene
Concen: 19.394 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 75 Resp: 1312
Ion Ratio Lower Upper
75 100
53 77.0 90.5 135.7
89 42.8 40.2 60.4

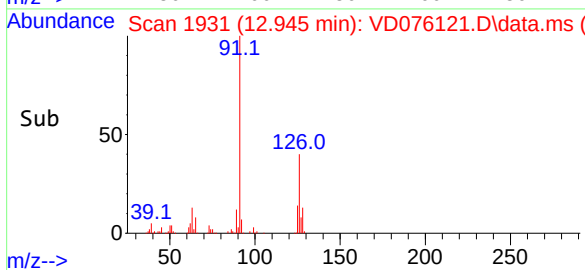
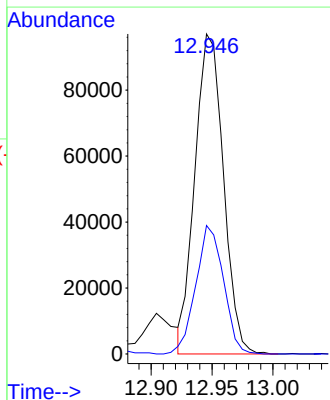
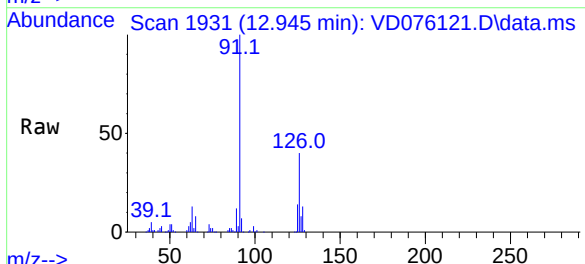
Manual Integrations
APPROVED

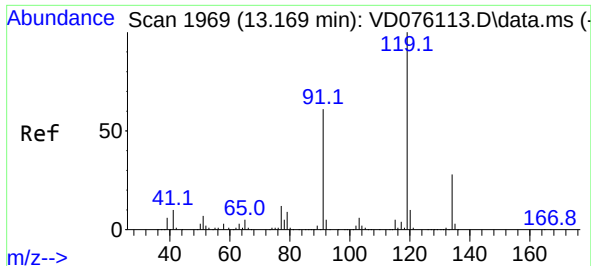
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#82
4-Chlorotoluene
Concen: 20.120 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

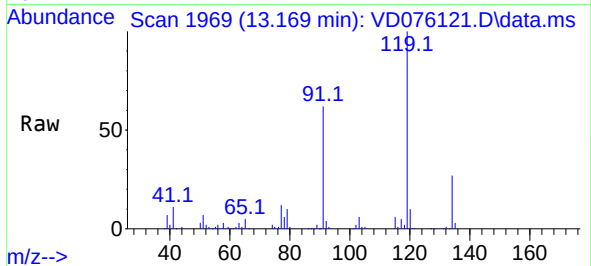
Tgt Ion: 91 Resp: 158194
Ion Ratio Lower Upper
91 100
126 39.0 17.1 51.2





#83
tert-Butylbenzene
Concen: 19.629 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

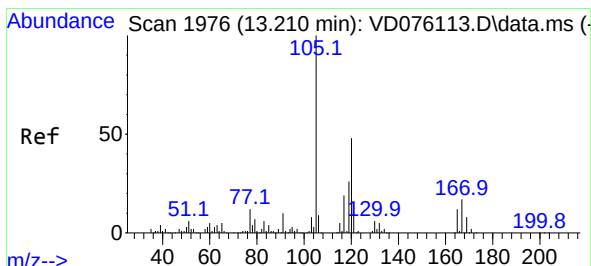
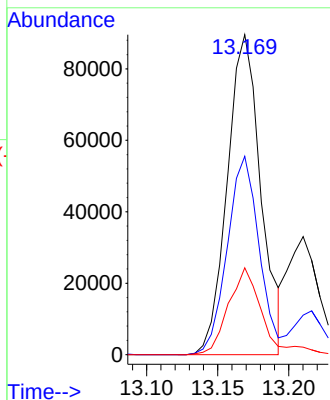
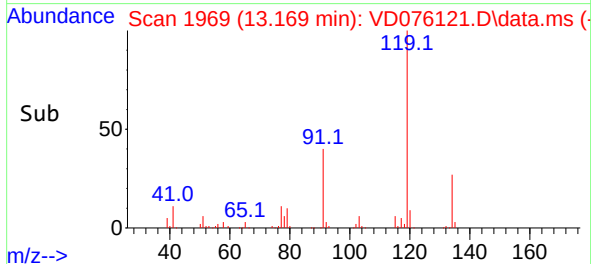
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



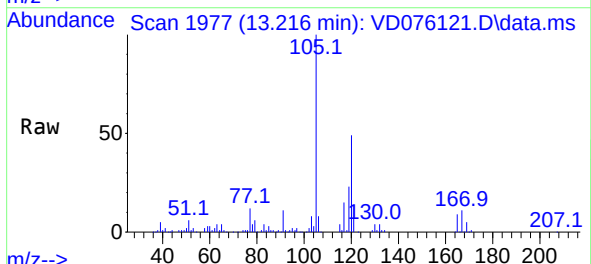
Tgt Ion:119 Resp: 147558
Ion Ratio Lower Upper
119 100
91 58.6 32.4 97.0
134 27.4 13.0 39.0

Manual Integrations
APPROVED

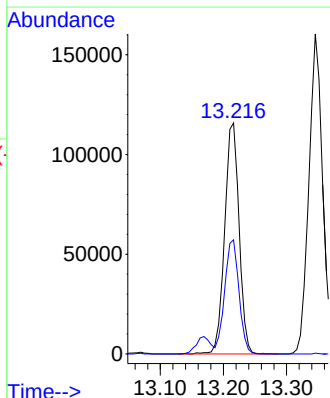
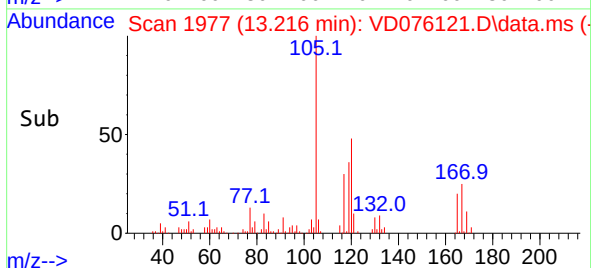
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

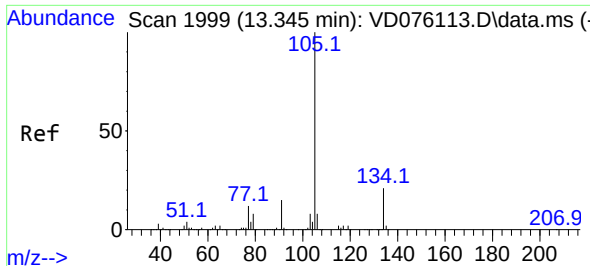


#84
1,2,4-Trimethylbenzene
Concen: 20.711 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



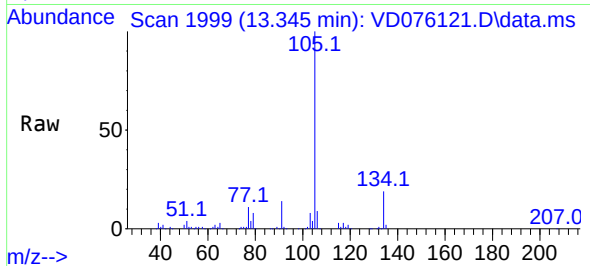
Tgt Ion:105 Resp: 183471
Ion Ratio Lower Upper
105 100
120 48.8 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.614 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076121.D
 Acq: 17 May 2023 14:16

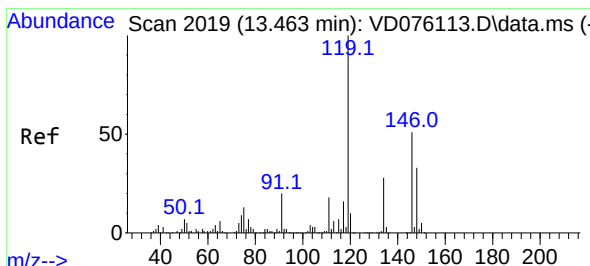
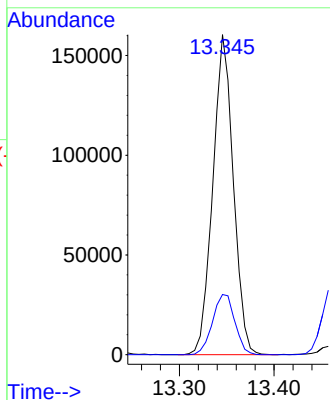
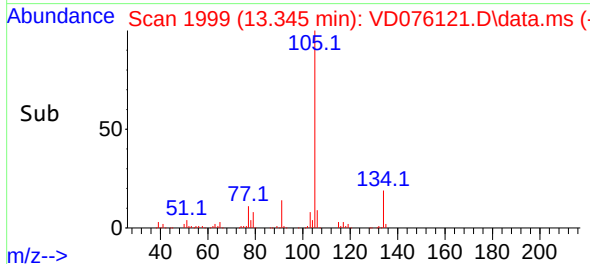
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01



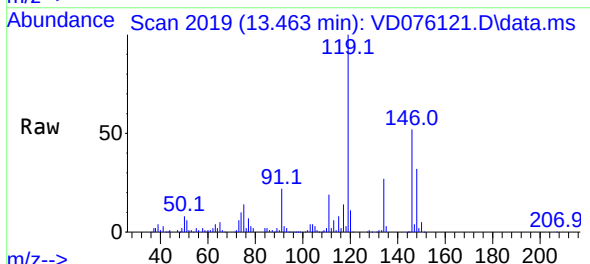
Tgt Ion:105 Resp: 241504
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.9 29.7

Manual Integrations
 APPROVED

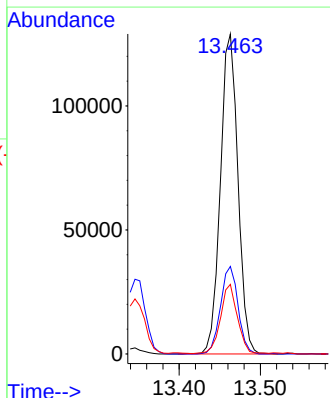
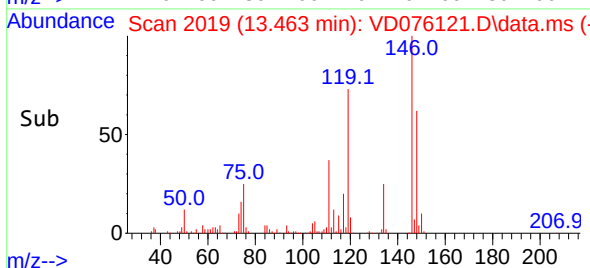
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/25/2023

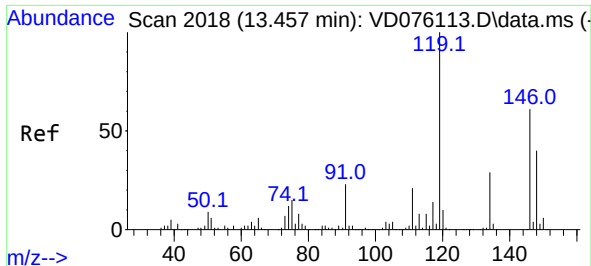


#86
 p-Isopropyltoluene
 Concen: 20.229 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076121.D
 Acq: 17 May 2023 14:16



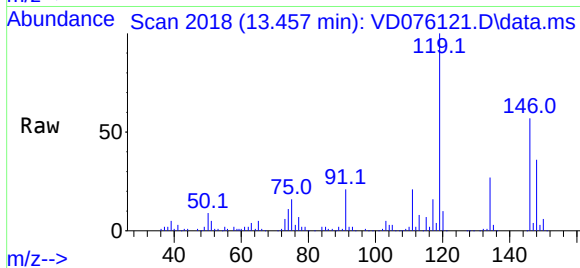
Tgt Ion:119 Resp: 193925
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.3
 91 20.8 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 19.793 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

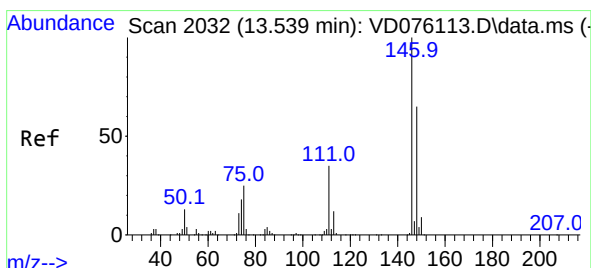
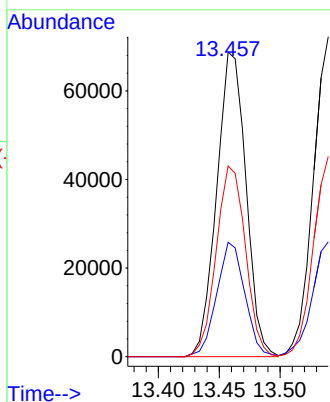
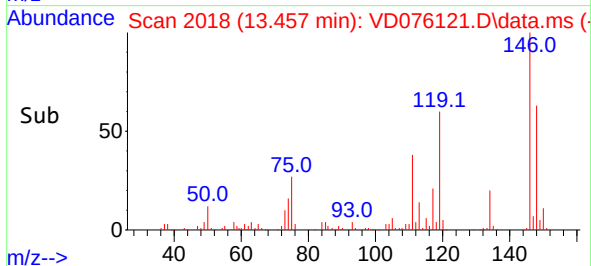
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



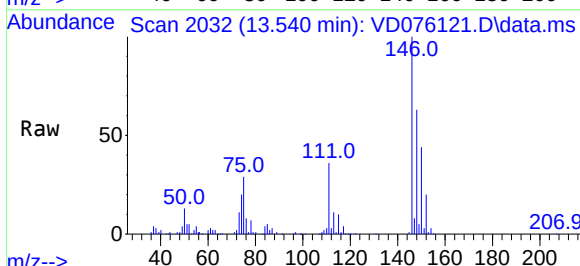
Tgt Ion:146 Resp: 11509
Ion Ratio Lower Upper
146 100
111 36.1 19.8 59.3
148 62.5 31.0 93.0

Manual Integrations
APPROVED

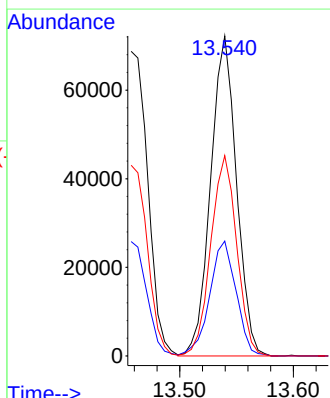
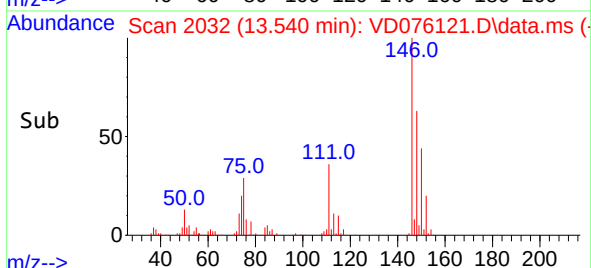
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

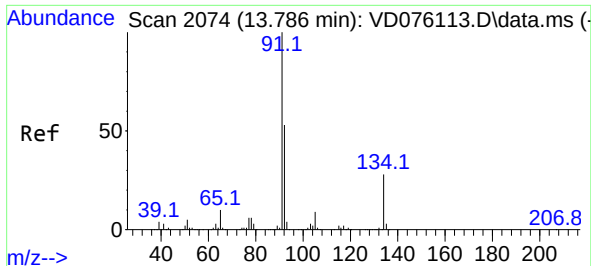


#88
1,4-Dichlorobenzene
Concen: 19.879 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



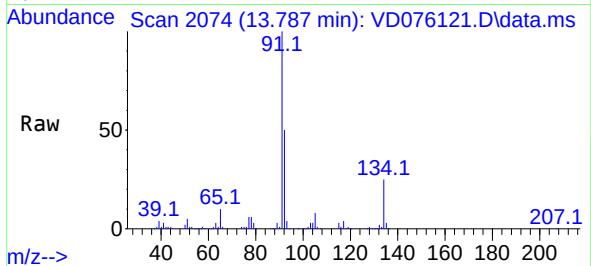
Tgt Ion:146 Resp: 114456
Ion Ratio Lower Upper
146 100
111 36.8 19.6 58.8
148 62.8 31.7 95.1





#89
n-Butylbenzene
Concen: 20.172 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

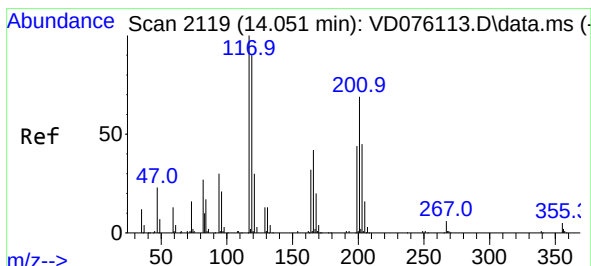
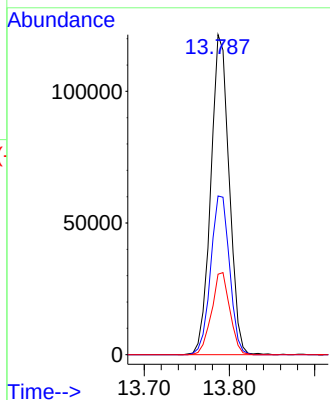
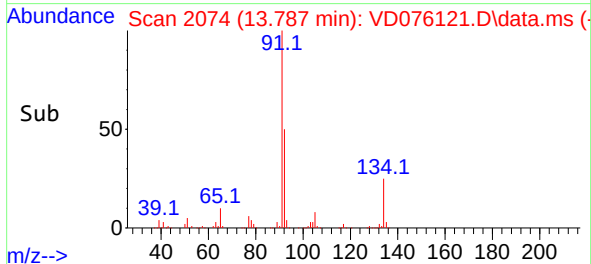
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 91 Resp: 182235
Ion Ratio Lower Upper
91 100
92 51.0 26.2 78.5
134 25.6 12.7 38.0

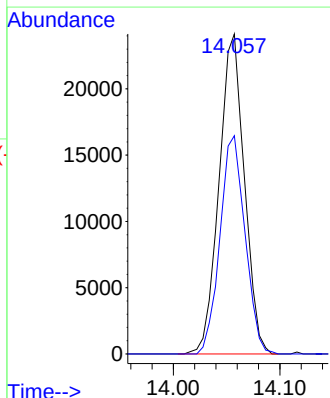
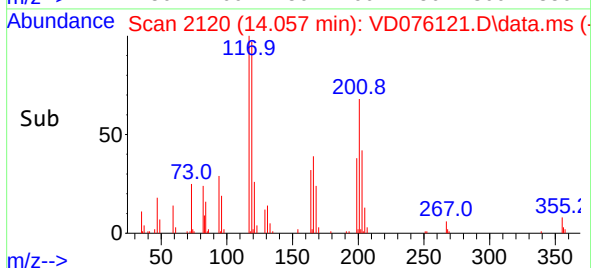
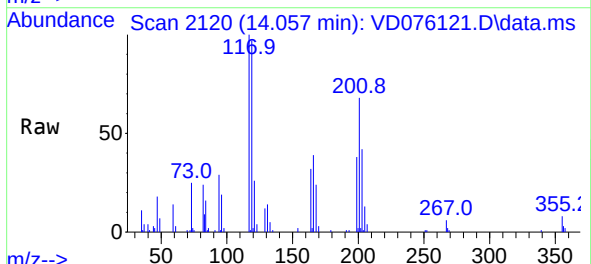
Manual Integrations
APPROVED

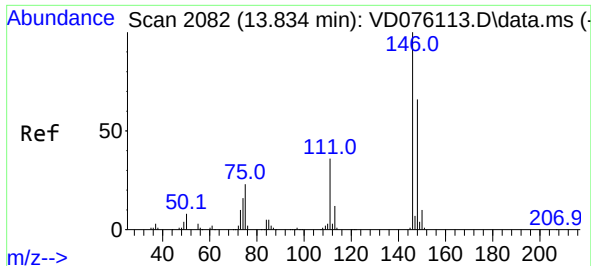
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#90
Hexachloroethane
Concen: 20.170 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

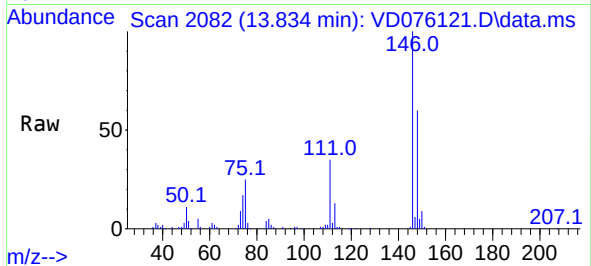
Tgt Ion:117 Resp: 39772
Ion Ratio Lower Upper
117 100
201 67.6 34.5 103.6





#91
1,2-Dichlorobenzene
Concen: 19.497 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

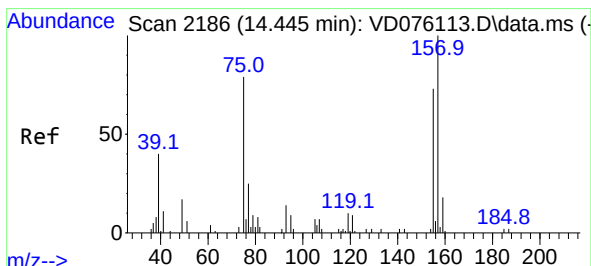
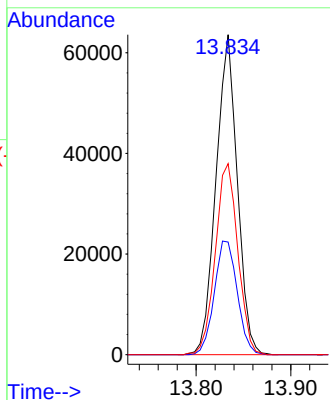
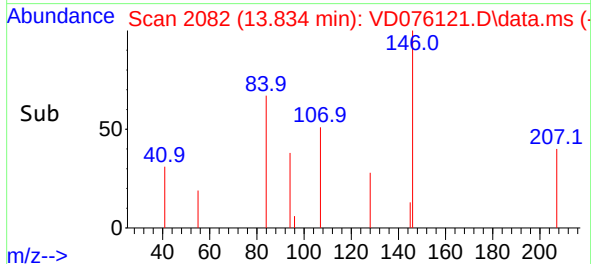
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



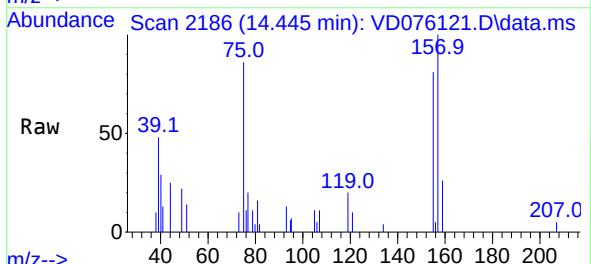
Tgt Ion:146 Resp: 99492
Ion Ratio Lower Upper
146 100
111 38.2 20.6 61.8
148 63.1 32.0 96.2

Manual Integrations
APPROVED

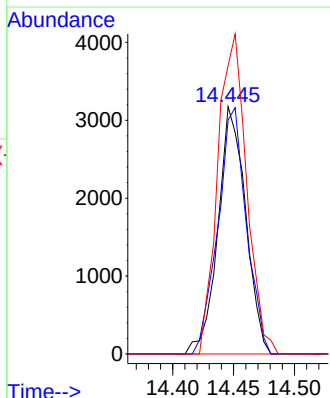
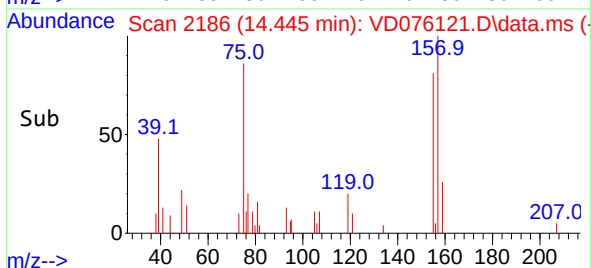
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

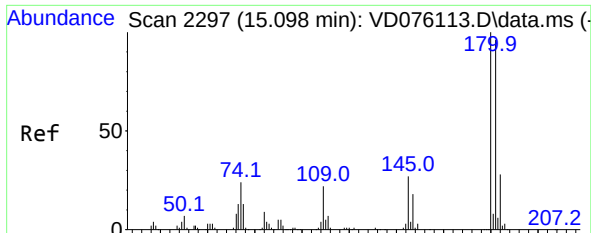


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.842 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



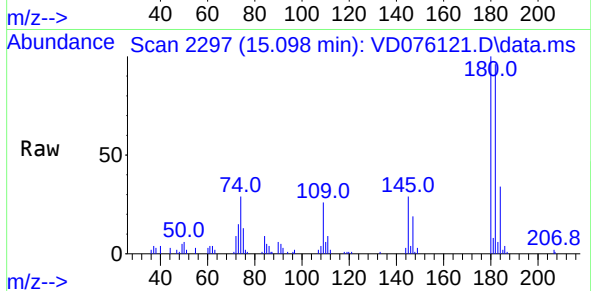
Tgt Ion: 75 Resp: 5043
Ion Ratio Lower Upper
75 100
155 102.0 39.5 118.5
157 134.8 53.5 160.7





#93
1,2,4-Trichlorobenzene
Concen: 16.780 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

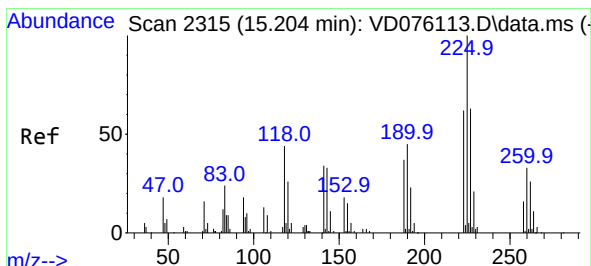
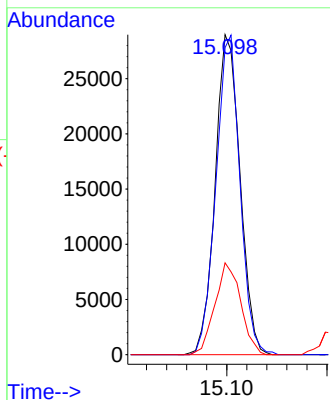
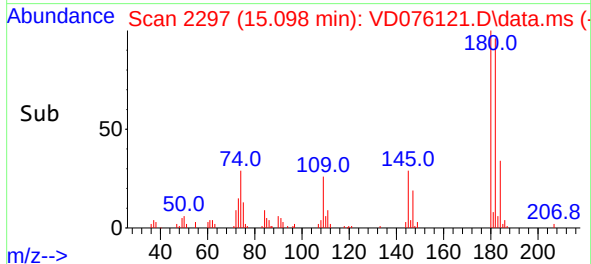
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



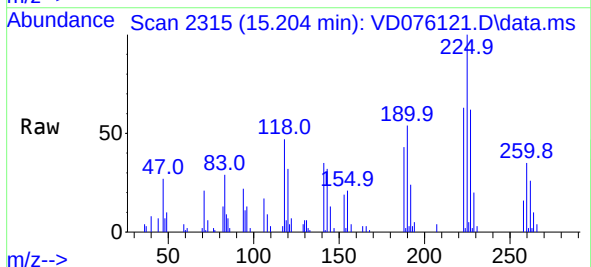
Tgt Ion:180 Resp: 4980
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.7
145 29.8 15.9 47.7

Manual Integrations
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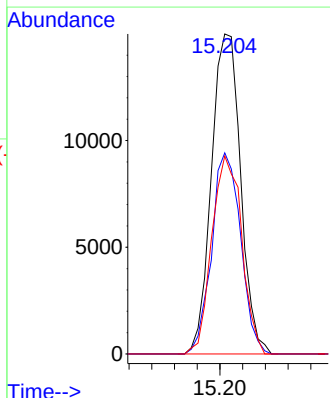
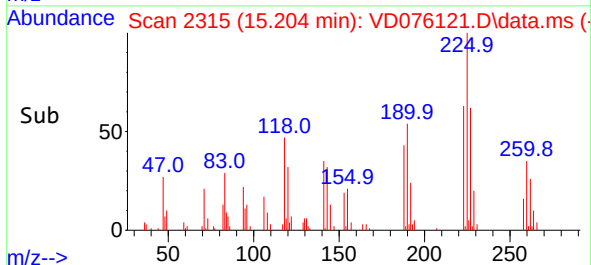
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023

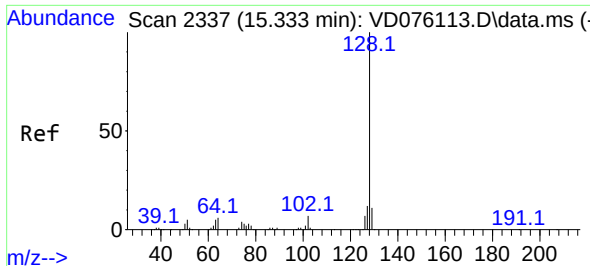


#94
Hexachlorobutadiene
Concen: 17.681 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16



Tgt Ion:225 Resp: 26759
Ion Ratio Lower Upper
225 100
223 62.4 33.1 99.2
227 63.2 31.9 95.9





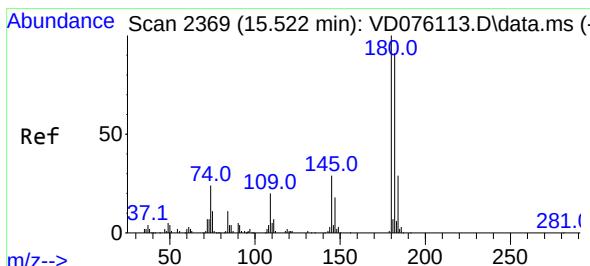
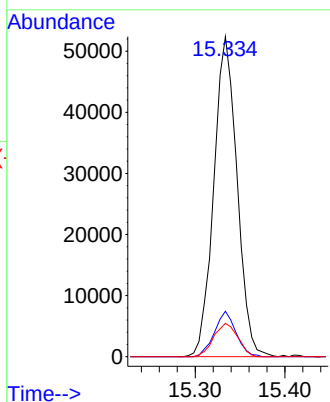
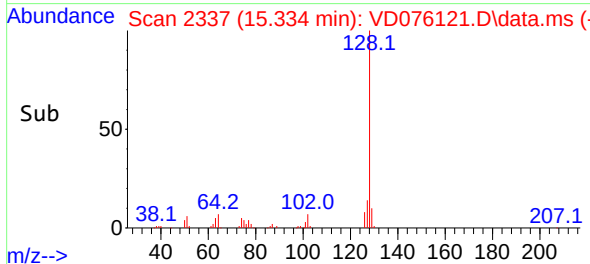
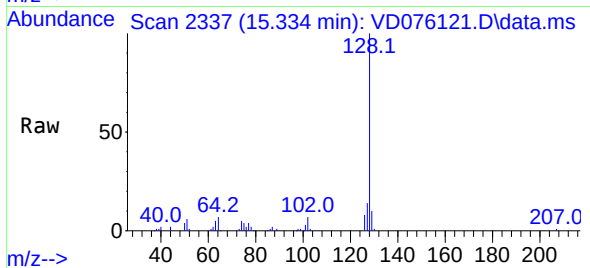
#95
Naphthalene
Concen: 17.110 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:128 Resp: 9436
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.392 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076121.D
Acq: 17 May 2023 14:16

Tgt Ion:180 Resp: 44250
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 30.9 16.4 49.4

