

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075615.D
 Acq On : 10 Apr 2023 19:21
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 11 02:42:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 02:29:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	244428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	401797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	378423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	198341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	268515	123.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 247.160%#	
35) Dibromofluoromethane	7.804	113	360619	134.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 269.160%#	
50) Toluene-d8	10.269	98	1410160	134.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 268.380%#	
62) 4-Bromofluorobenzene	12.575	95	414144	132.224	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 264.440%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	229757	98.171	ug/l	97
3) Chloromethane	2.146	50	363654	93.271	ug/l	97
4) Vinyl Chloride	2.281	62	537297	94.885	ug/l	99
5) Bromomethane	2.675	94	460996	104.199	ug/l	98
6) Chloroethane	2.828	64	387811	101.964	ug/l	98
7) Trichlorofluoromethane	3.175	101	491780	107.443	ug/l	98
8) Diethyl Ether	3.593	74	157634	127.663	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.963	101	331779	111.165	ug/l	95
10) Methyl Iodide	4.158	142	441484	124.046	ug/l	90
11) Tert butyl alcohol	5.058	59	61417	616.021	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	328813	112.685	ug/l	86
13) Acrolein	3.793	56	91258	472.473	ug/l	96
14) Allyl chloride	4.563	41	294484	115.998	ug/l #	80
15) Acrylonitrile	5.252	53	283062	615.315	ug/l	98
16) Acetone	4.022	43	235785	582.671	ug/l #	79
17) Carbon Disulfide	4.269	76	803464	92.477	ug/l	99
18) Methyl Acetate	4.563	43	146583	125.093	ug/l #	68
19) Methyl tert-butyl Ether	5.316	73	686414	131.798	ug/l	97
20) Methylene Chloride	4.799	84	395105	99.543	ug/l #	72
21) trans-1,2-Dichloroethene	5.310	96	383018	114.390	ug/l #	74
22) Diisopropyl ether	6.216	45	700967	125.318	ug/l #	86
23) Vinyl Acetate	6.157	43	1756368	663.920	ug/l #	82
24) 1,1-Dichloroethane	6.110	63	559218	116.148	ug/l #	96
25) 2-Butanone	7.081	43	315510	619.177	ug/l #	69
26) 2,2-Dichloropropane	7.075	77	522965	118.315	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	461563	127.335	ug/l	78
28) Bromochloromethane	7.428	49	186114	120.032	ug/l #	33
29) Tetrahydrofuran	7.446	42	174604	625.505	ug/l #	49
30) Chloroform	7.599	83	646222	120.450	ug/l	96
31) Cyclohexane	7.875	56	393041	103.580	ug/l #	76
32) 1,1,1-Trichloroethane	7.793	97	545809	116.498	ug/l	93
36) 1,1-Dichloropropene	8.010	75	462739	117.115	ug/l	92
37) Ethyl Acetate	7.169	43	133679	127.778	ug/l #	76
38) Carbon Tetrachloride	7.993	117	450327	119.371	ug/l	97
39) Methylcyclohexane	9.275	83	574971	116.687	ug/l #	86
40) Benzene	8.251	78	1456697	121.865	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	82099	148.045	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	316527	119.510	ug/l	89
43) Isopropyl Acetate	8.363	43	259448	133.245	ug/l #	77
44) Trichloroethene	9.028	130	423461	121.108	ug/l	91
45) 1,2-Dichloropropane	9.304	63	323904	125.250	ug/l	92
46) Dibromomethane	9.393	93	204724	127.753	ug/l	94
47) Bromodichloromethane	9.587	83	490342	126.989	ug/l	97
48) Methyl methacrylate	9.381	41	120222	132.506	ug/l #	57
49) 1,4-Dioxane	9.387	88	37221	2587.557	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	672977	664.058	ug/l #	76
52) Toluene	10.334	92	979855	126.671	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	456300	131.271	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	563338	132.062	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	293828	129.310	ug/l	93
56) Ethyl methacrylate	10.598	69	310305	143.555	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	447445	128.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	748689	714.876	ug/l #	84
59) 2-Hexanone	10.922	43	474955	665.392	ug/l	68
60) Dibromochloromethane	11.075	129	358837	133.797	ug/l	99
61) 1,2-Dibromoethane	11.181	107	278061	128.316	ug/l	97
64) Tetrachloroethene	10.810	164	353784	125.153	ug/l	98
65) Chlorobenzene	11.610	112	1092834	125.107	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	392010	130.250	ug/l	96
67) Ethyl Benzene	11.687	91	1884625	126.638	ug/l	93
68) m/p-Xylenes	11.792	106	1556649	260.017	ug/l	88
69) o-Xylene	12.122	106	731992	130.825	ug/l	89
70) Styrene	12.134	104	1236795	132.362	ug/l	93
71) Bromoform	12.298	173	208316	133.459	ug/l #	99
73) Isopropylbenzene	12.422	105	1829324	119.264	ug/l	97
74) N-amyl acetate	12.234	43	238133	122.640	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	300983	113.749	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	353859	212.290	ug/l #	100
77) Bromobenzene	12.704	156	456235	122.519	ug/l	83
78) n-propylbenzene	12.763	91	2132433	114.309	ug/l	95
79) 2-Chlorotoluene	12.851	91	1156044	113.978	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	1478897	117.192	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	90928	119.920	ug/l #	70
82) 4-Chlorotoluene	12.945	91	1172924	111.699	ug/l	90
83) tert-Butylbenzene	13.169	119	1330236	121.429	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	1485884	121.392	ug/l	94
85) sec-Butylbenzene	13.345	105	1944365	114.909	ug/l	96
86) p-Isopropyltoluene	13.463	119	1726759	124.757	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	956015	124.941	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	933757	123.112	ug/l	96
89) n-Butylbenzene	13.786	91	1602827	126.655	ug/l	97
90) Hexachloroethane	14.057	117	316938	119.851	ug/l	85
91) 1,2-Dichlorobenzene	13.834	146	854877	131.914	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	37360	115.231	ug/l	59
93) 1,2,4-Trichlorobenzene	15.098	180	474323	128.695	ug/l	98
94) Hexachlorobutadiene	15.204	225	216376	123.972	ug/l	98
95) Naphthalene	15.333	128	926420	136.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	406755	127.571	ug/l	99

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QLast Update : Tue Apr 11 02:29:16 2023
Response via : Initial Calibration

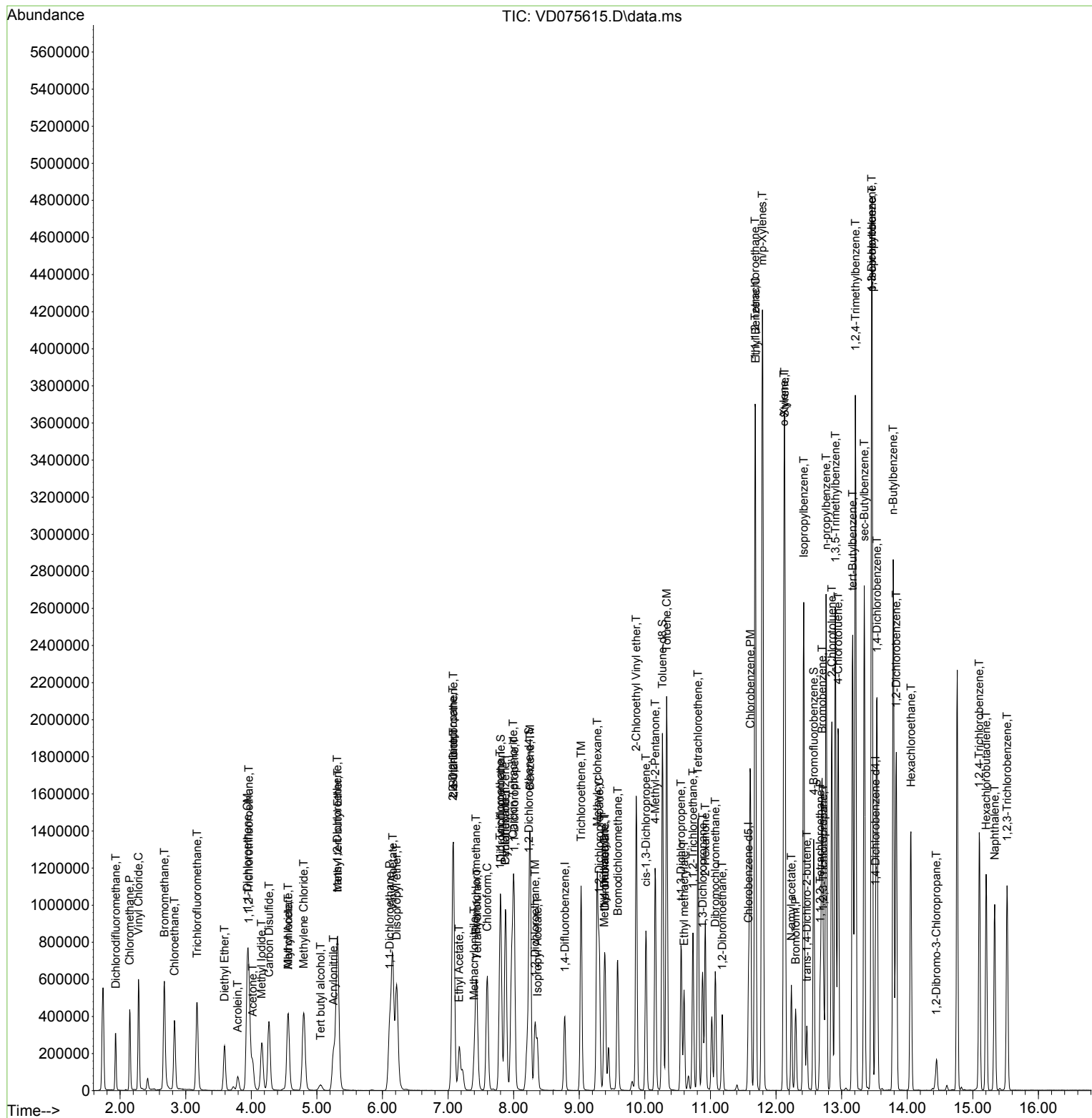
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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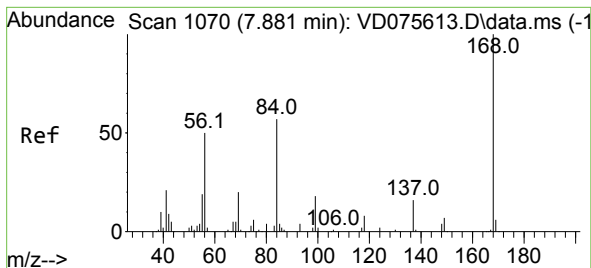
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

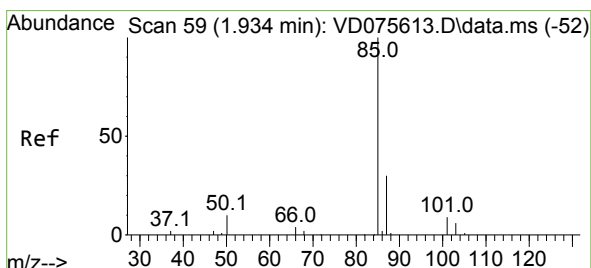
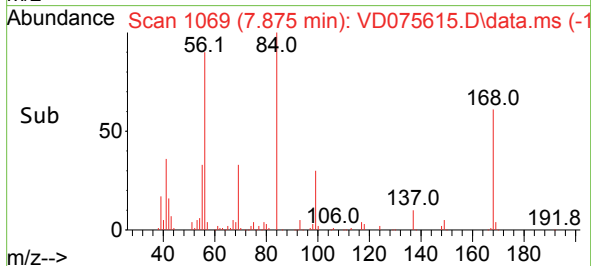
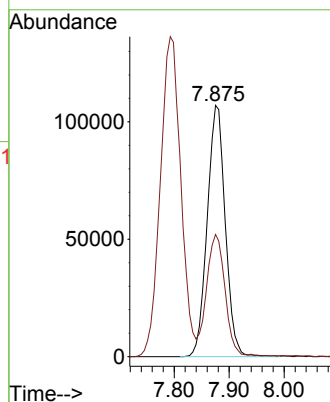
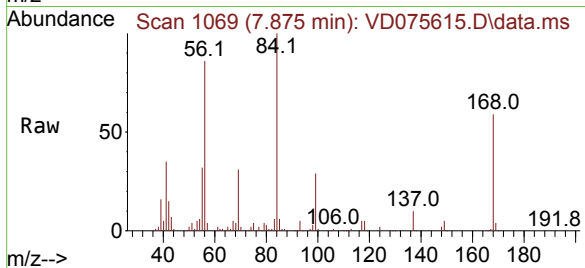
VSTDIC150

Tgt Ion:168 Resp: 244428

Ion Ratio Lower Upper

168 100

99 48.2 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 98.171 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075615.D

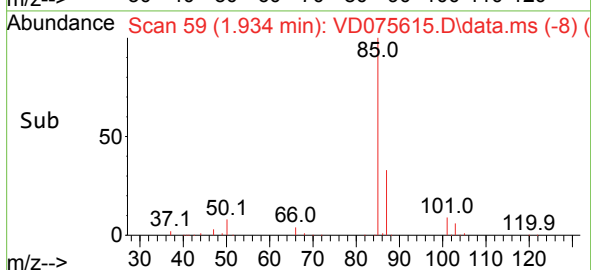
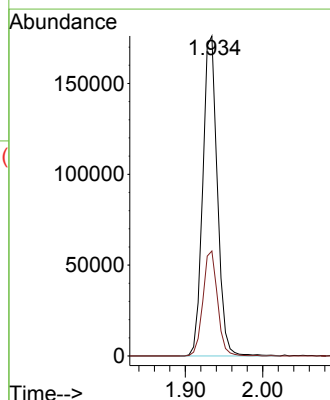
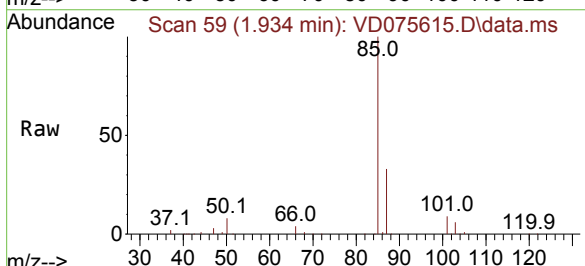
Acq: 10 Apr 2023 19:21

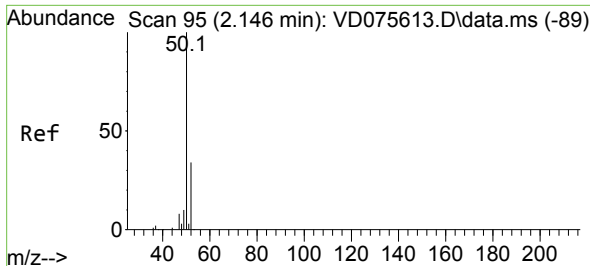
Tgt Ion: 85 Resp: 229757

Ion Ratio Lower Upper

85 100

87 32.8 17.3 51.7

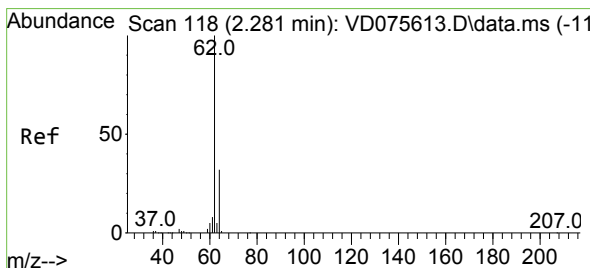
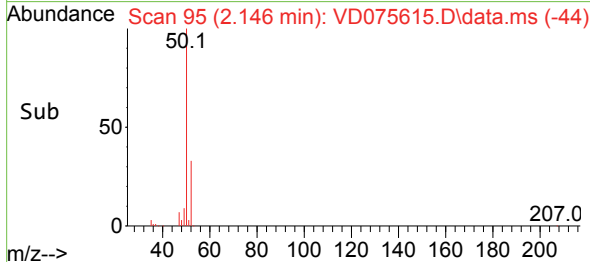
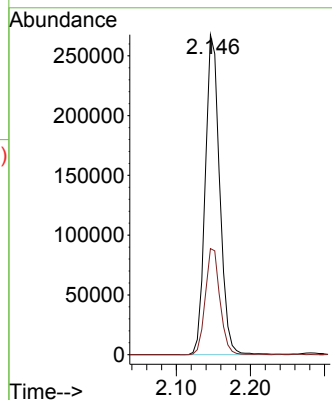
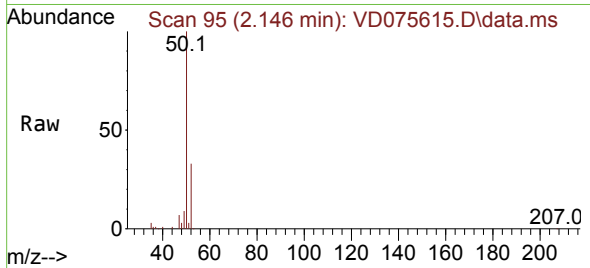




#3
Chloromethane
Concen: 93.271 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

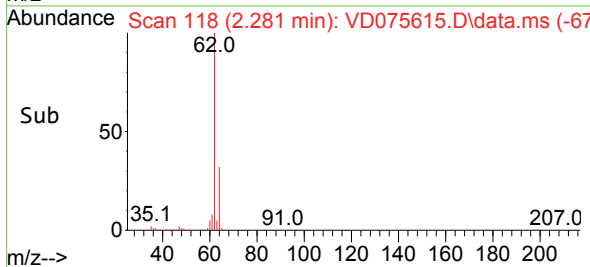
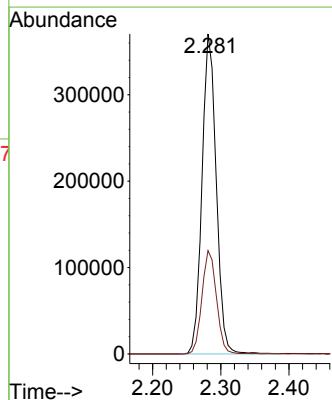
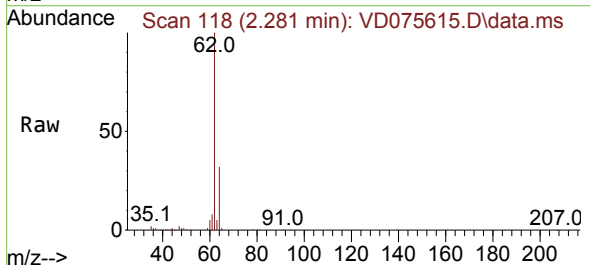
Instrument :
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VSTDIC150

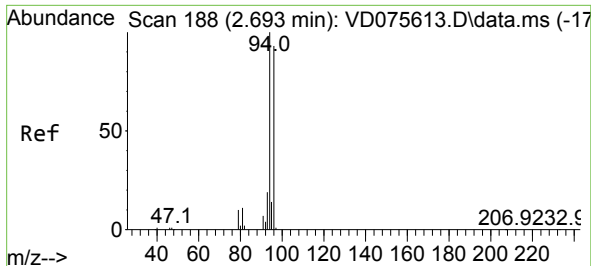
Tgt Ion: 50 Resp: 363654
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8



#4
Vinyl Chloride
Concen: 94.885 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 62 Resp: 537297
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

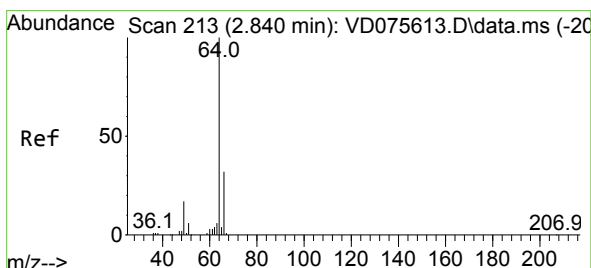
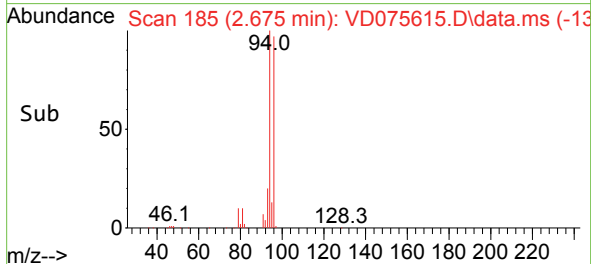
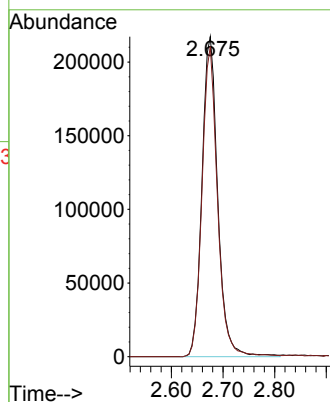
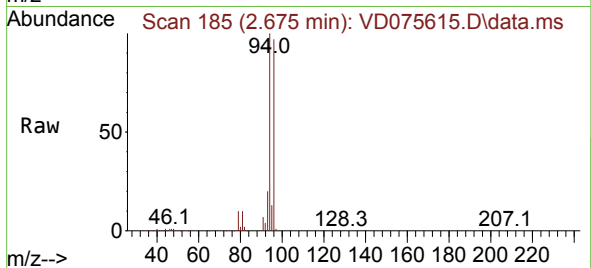




#5
Bromomethane
Concen: 104.199 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.017 min
Lab File: VD075615.D
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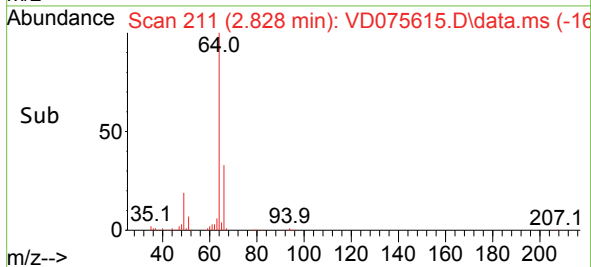
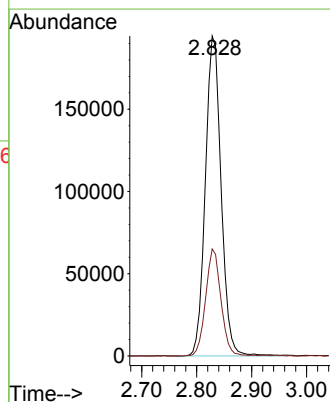
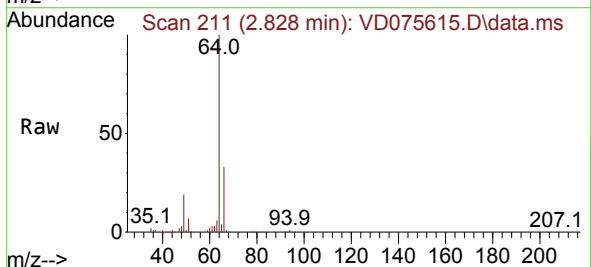
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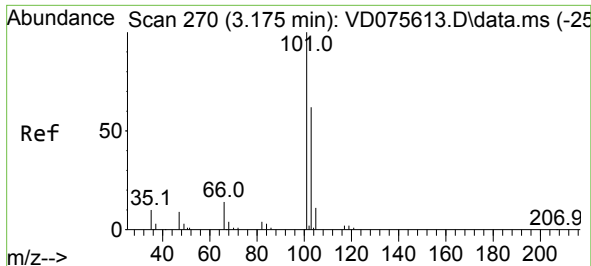
Tgt Ion: 94 Resp: 460996
Ion Ratio Lower Upper
94 100
96 95.1 77.5 116.3



#6
Chloroethane
Concen: 101.964 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.011 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 64 Resp: 387811
Ion Ratio Lower Upper
64 100
66 33.4 27.7 41.5

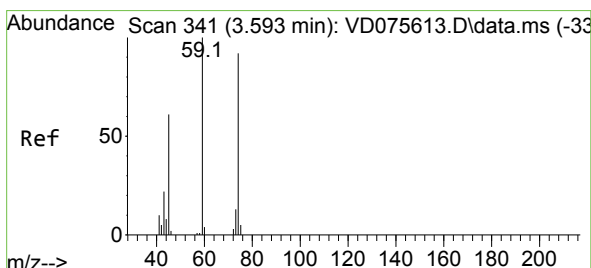
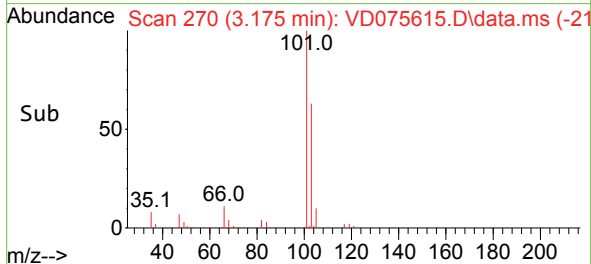
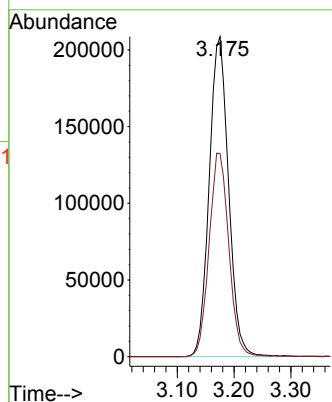
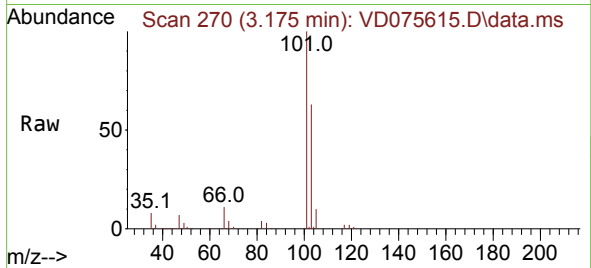




#7
Trichlorofluoromethane
Concen: 107.443 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

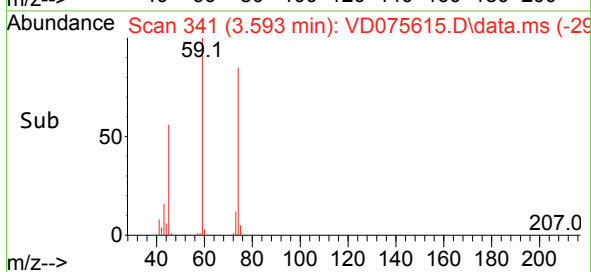
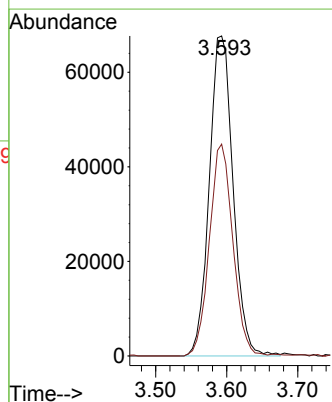
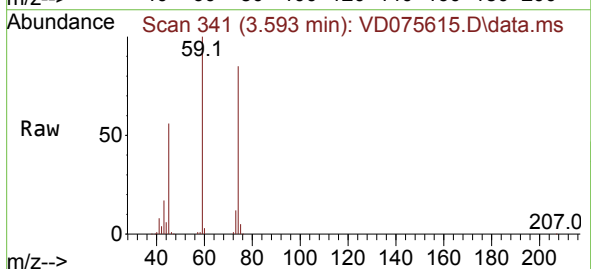
Instrument :
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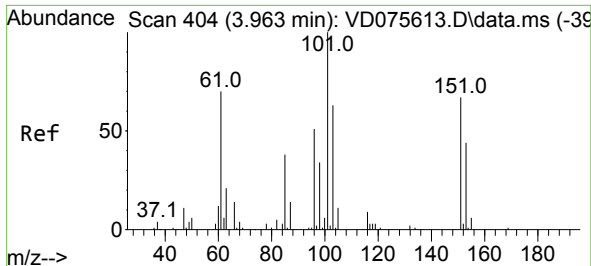
Tgt Ion:101 Resp: 491780
Ion Ratio Lower Upper
101 100
103 63.5 51.9 77.9



#8
Diethyl Ether
Concen: 127.663 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 74 Resp: 157634
Ion Ratio Lower Upper
74 100
45 65.1 50.9 152.7

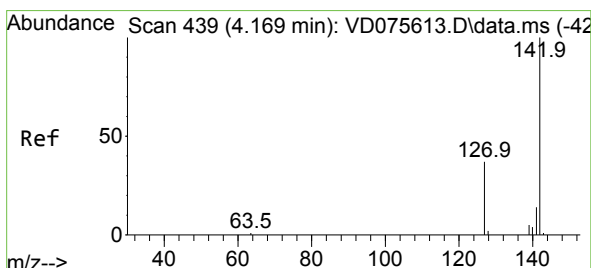
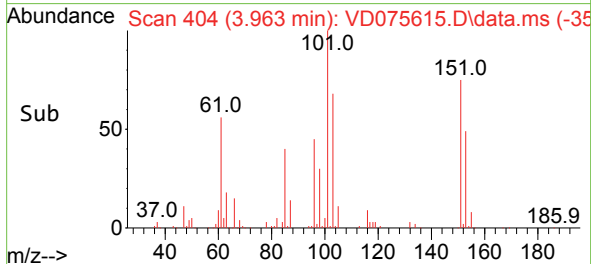
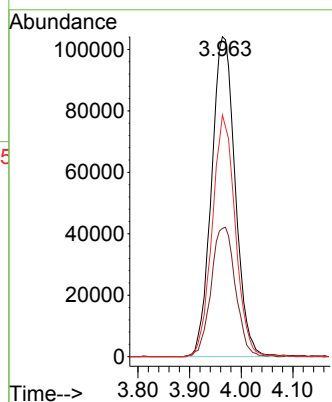
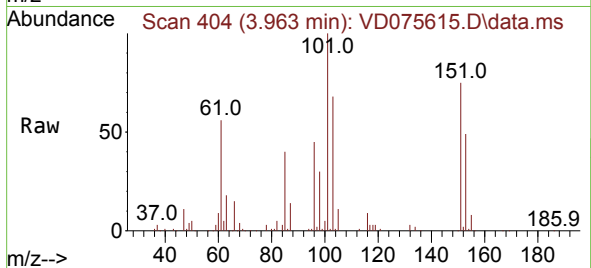




#9
1,1,2-Trichlorotrifluoroethane
Concen: 111.165 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

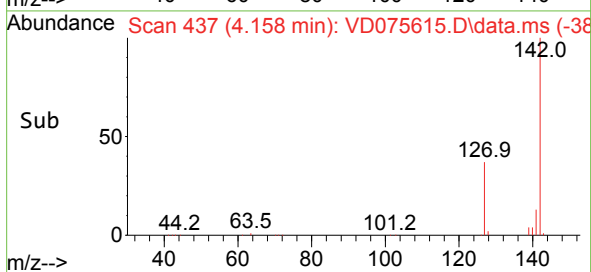
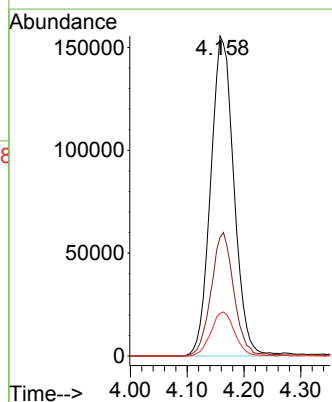
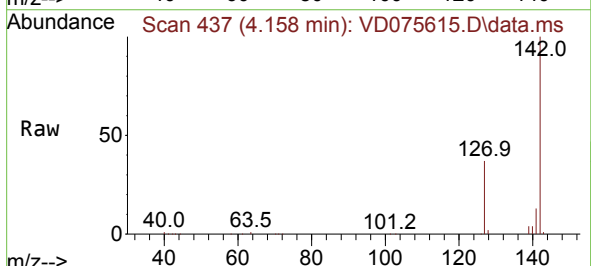
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

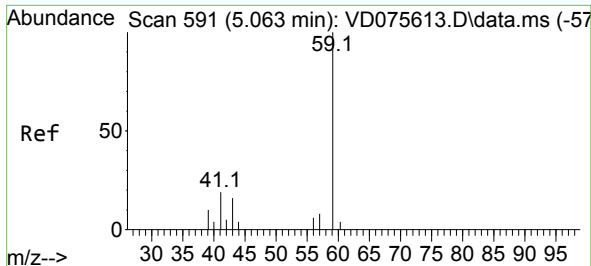
Tgt Ion:101 Resp: 331779
Ion Ratio Lower Upper
101 100
85 41.5 38.3 57.5
151 73.2 60.4 90.6



#10
Methyl Iodide
Concen: 124.046 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.011 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:142 Resp: 441484
Ion Ratio Lower Upper
142 100
127 37.8 37.1 55.7
141 14.1 11.3 16.9

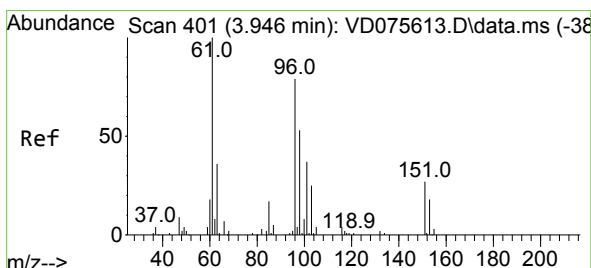
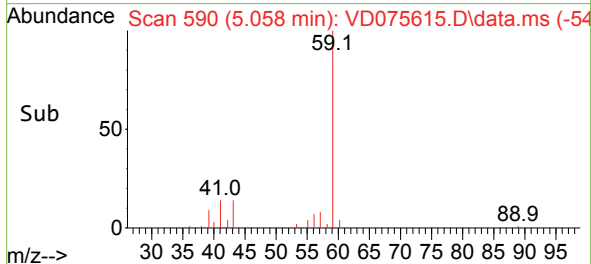
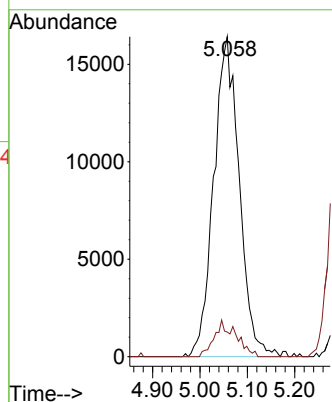
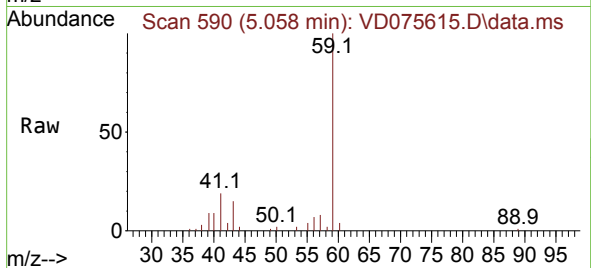




#11
Tert butyl alcohol
Concen: 616.021 ug/l
RT: 5.058 min Scan# 591
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

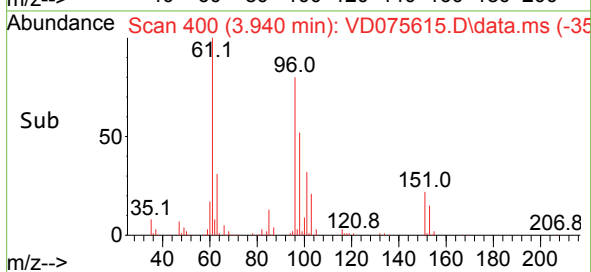
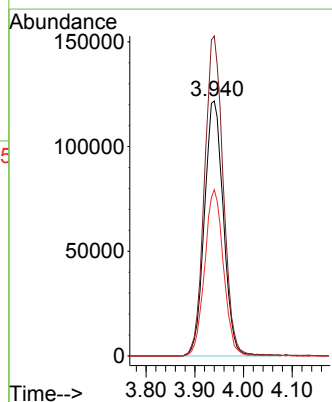
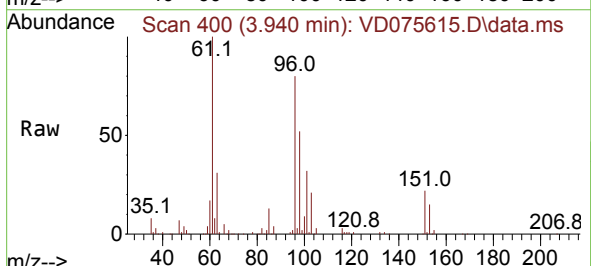
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

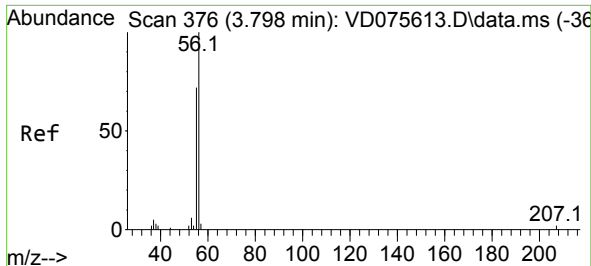
Tgt Ion: 59 Resp: 61417
Ion Ratio Lower Upper
59 100
57 6.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 112.685 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 96 Resp: 328813
Ion Ratio Lower Upper
96 100
61 125.6 118.6 177.8
98 65.3 49.7 74.5

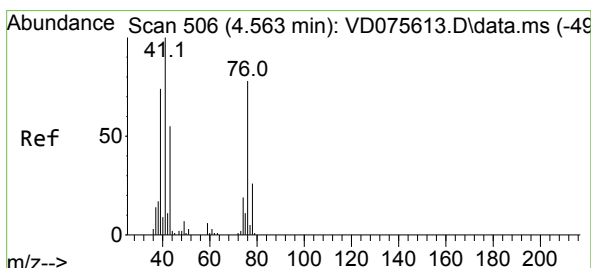
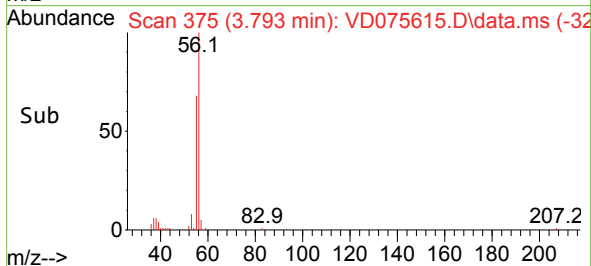
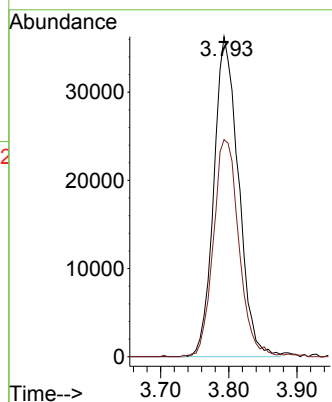
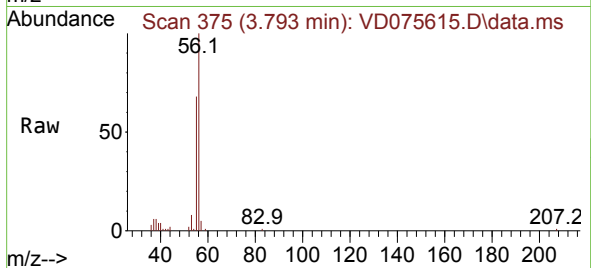




#13
Acrolein
Concen: 472.473 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

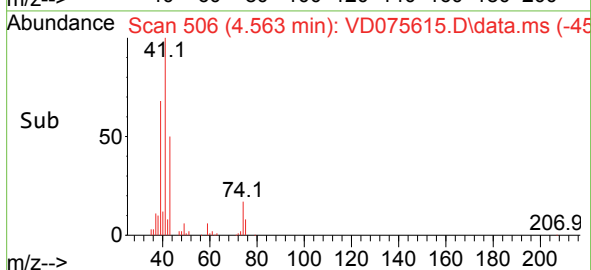
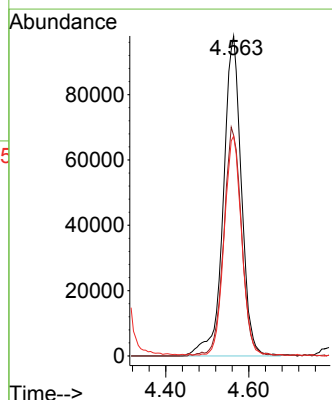
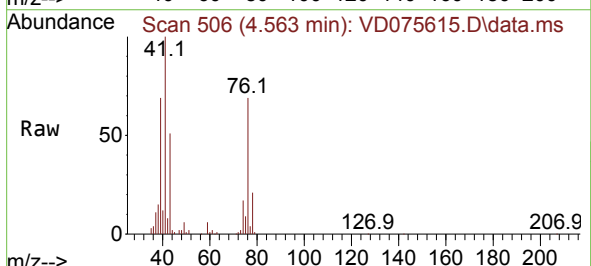
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

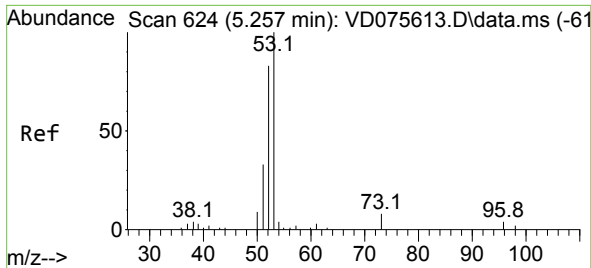
Tgt Ion: 56 Resp: 91258
Ion Ratio Lower Upper
56 100
55 70.4 53.9 80.9



#14
Allyl chloride
Concen: 115.998 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 41 Resp: 294484
Ion Ratio Lower Upper
41 100
39 70.8 60.6 90.8
76 66.0 28.6 43.0#

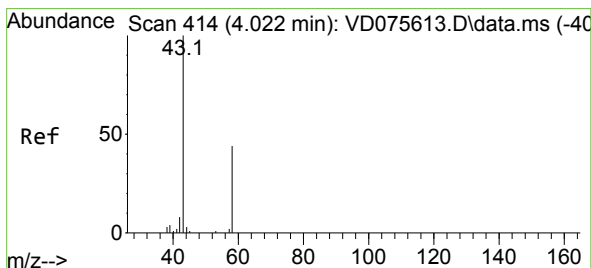
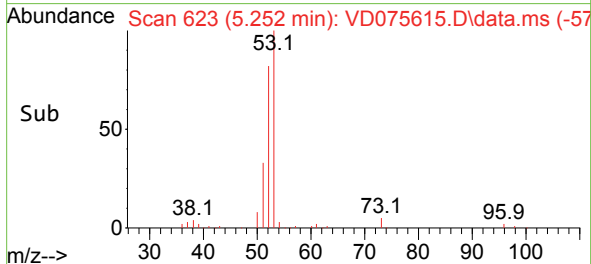
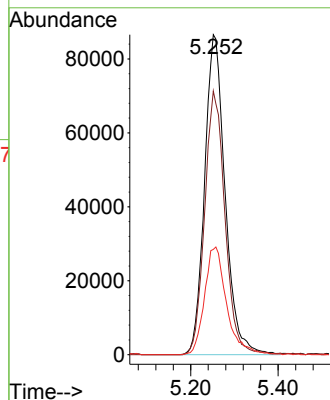
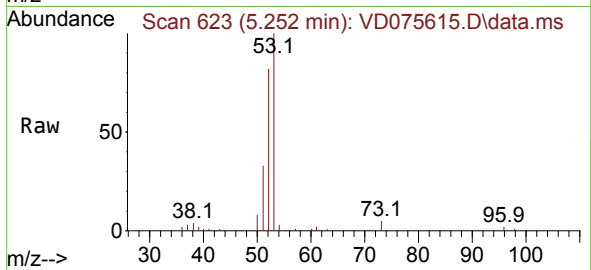




#15
Acrylonitrile
Concen: 615.315 ug/l
RT: 5.252 min Scan# 615
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

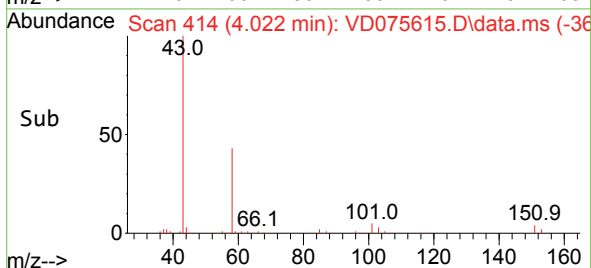
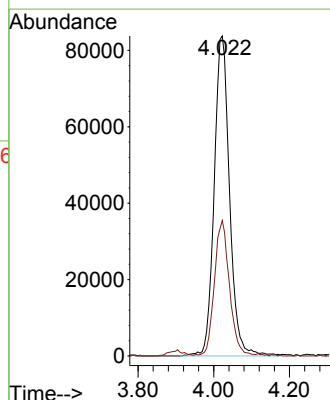
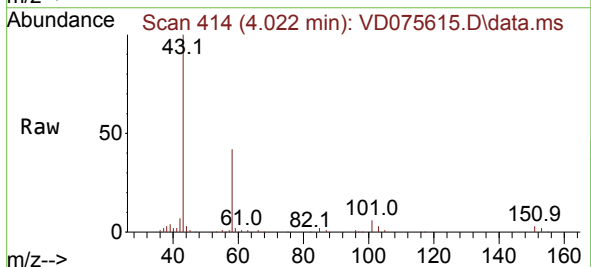
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

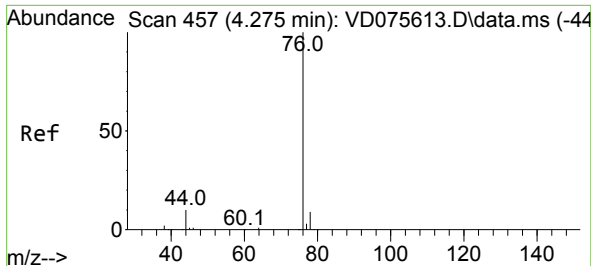
Tgt Ion: 53 Resp: 283062
Ion Ratio Lower Upper
53 100
52 81.6 66.2 99.4
51 36.2 30.7 46.1



#16
Acetone
Concen: 582.671 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 43 Resp: 235785
Ion Ratio Lower Upper
43 100
58 42.0 24.4 36.6#

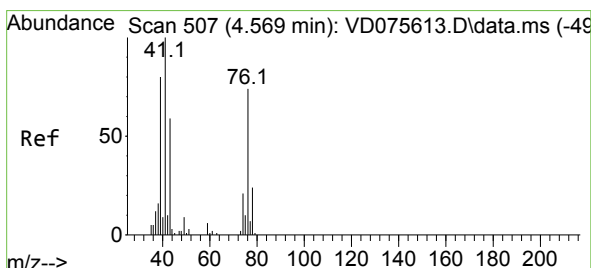
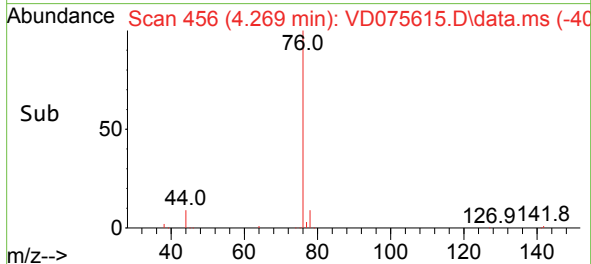
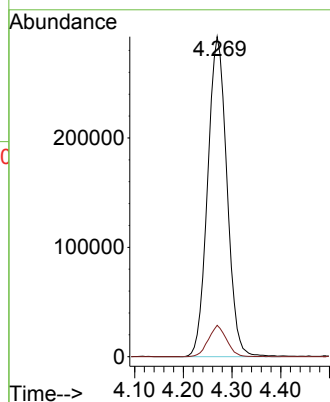
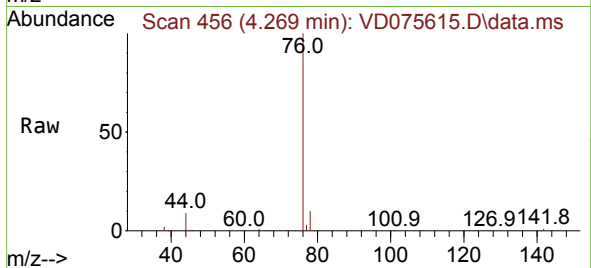




#17
Carbon Disulfide
Concen: 92.477 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

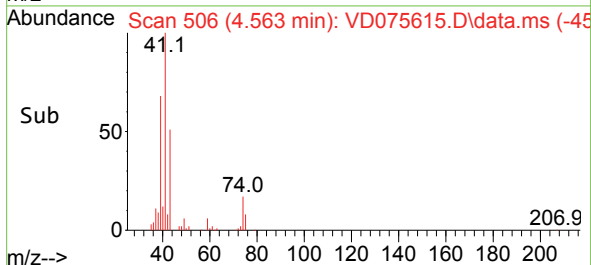
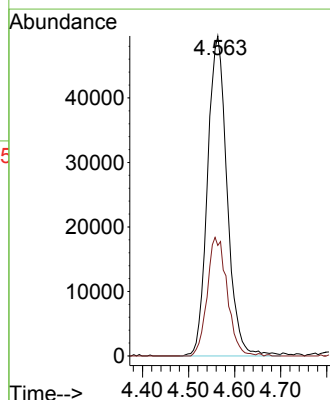
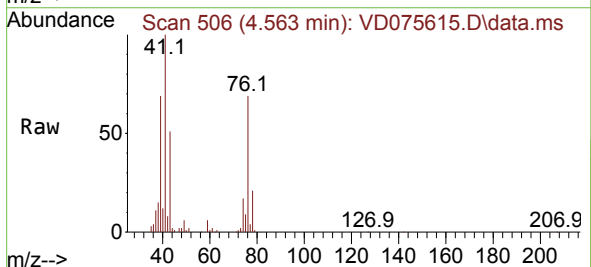
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

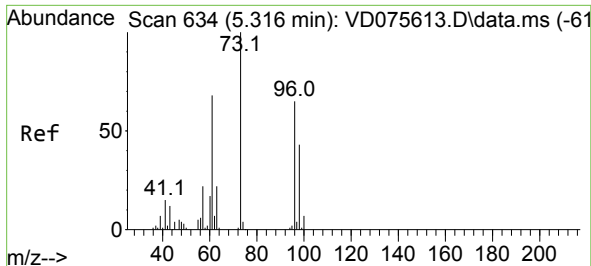
Tgt Ion: 76 Resp: 803464
Ion Ratio Lower Upper
76 100
78 9.8 8.0 12.0



#18
Methyl Acetate
Concen: 125.093 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 43 Resp: 146583
Ion Ratio Lower Upper
43 100
74 37.7 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 131.798 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

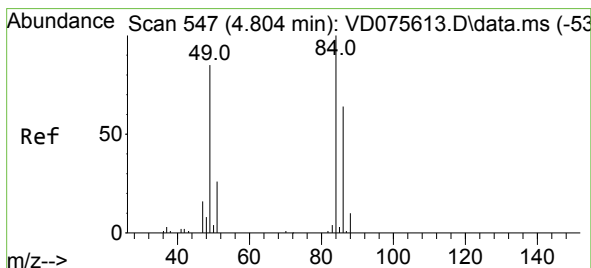
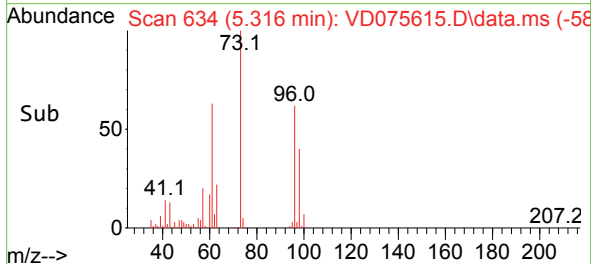
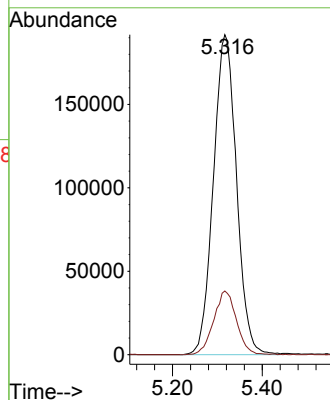
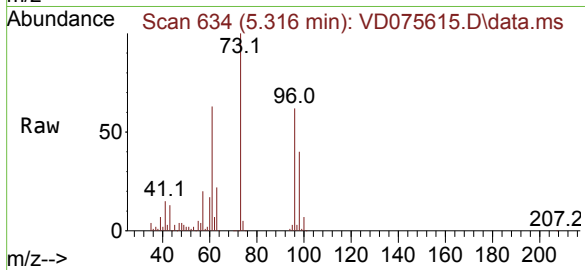
VSTDIC150

Tgt Ion: 73 Resp: 686414

Ion Ratio Lower Upper

73 100

57 19.9 17.2 25.8



#20

Methylene Chloride

Concen: 99.543 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Tgt Ion: 84 Resp: 395105

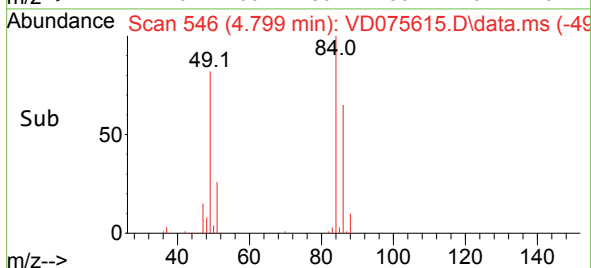
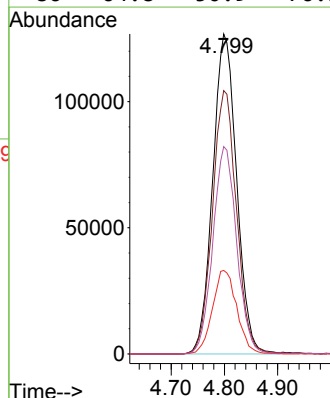
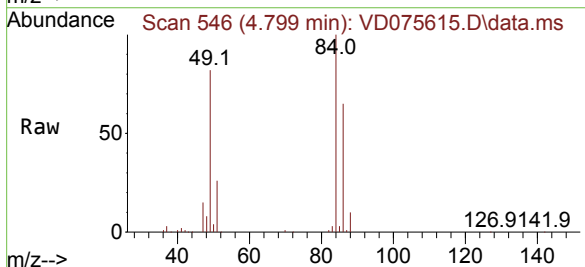
Ion Ratio Lower Upper

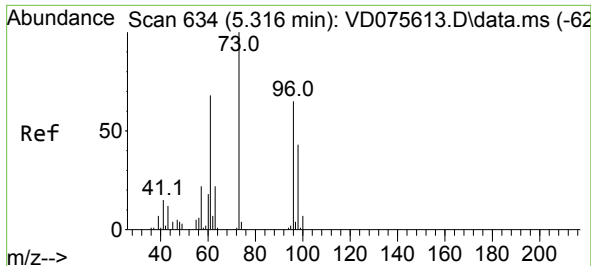
84 100

49 82.3 106.4 159.6#

51 26.1 32.4 48.6#

86 64.8 50.9 76.3

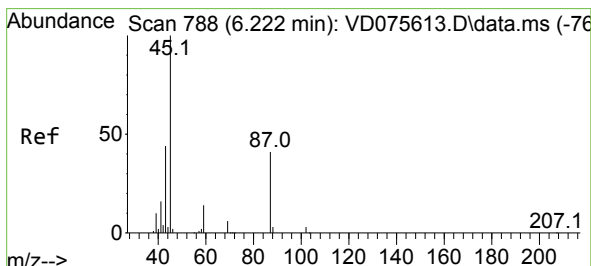
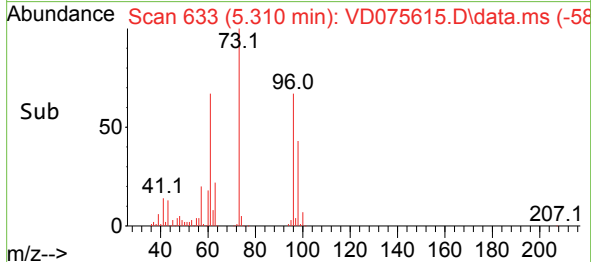
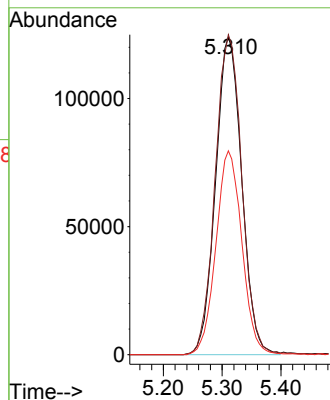
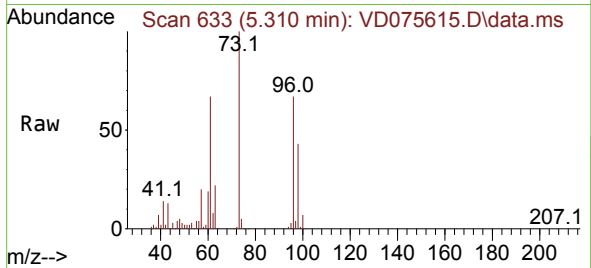




#21
trans-1,2-Dichloroethene
Concen: 114.390 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

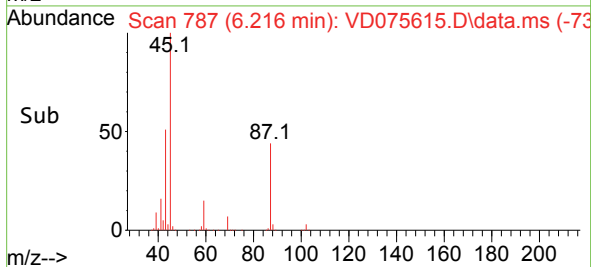
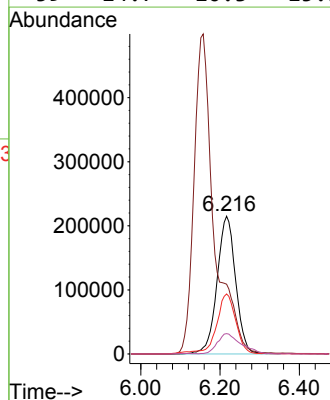
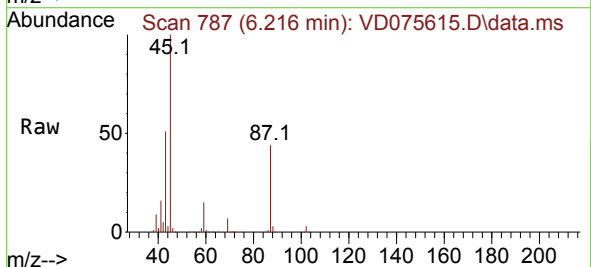
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

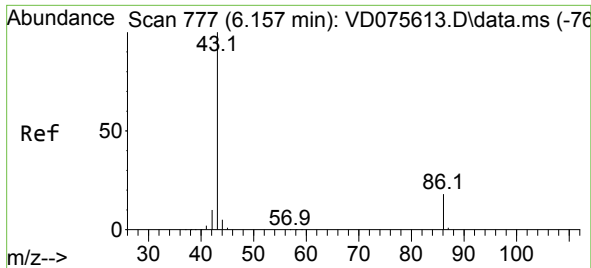
Tgt Ion: 96 Resp: 383018
Ion Ratio Lower Upper
96 100
61 100.7 117.2 175.8#
98 64.1 50.6 76.0



#22
Diisopropyl ether
Concen: 125.318 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 45 Resp: 700967
Ion Ratio Lower Upper
45 100
43 50.0 44.4 66.6
87 43.4 20.9 31.3#
59 14.7 10.3 15.5

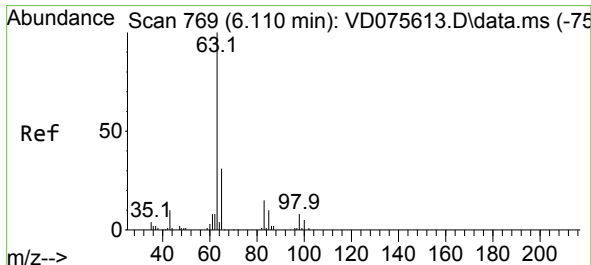
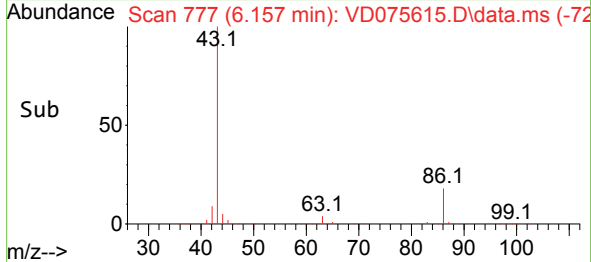
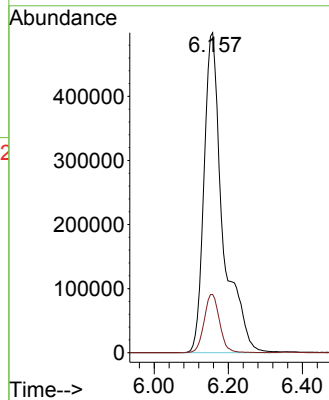
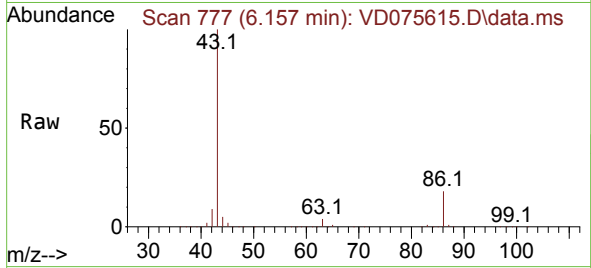




#23
 Vinyl Acetate
 Concen: 663.920 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

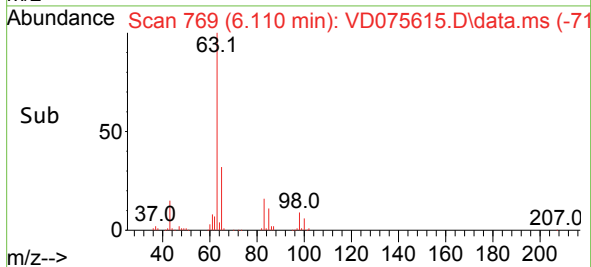
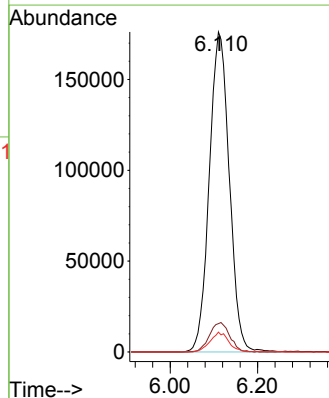
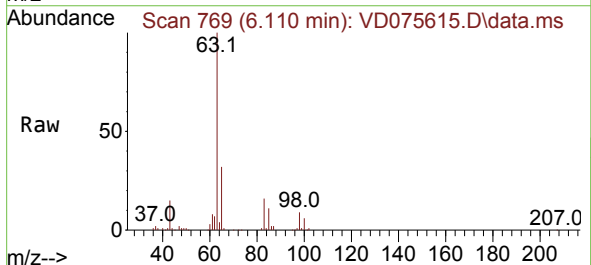
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

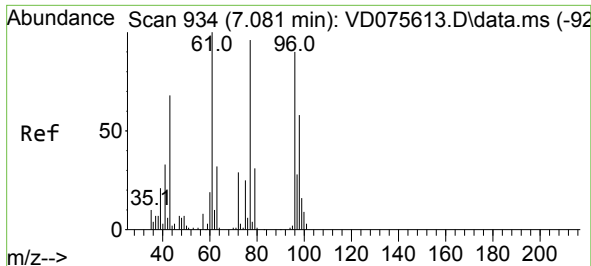
Tgt Ion: 43 Resp: 1756368
 Ion Ratio Lower Upper
 43 100
 86 18.1 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 116.148 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion: 63 Resp: 559218
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 6.2 2.0 6.0#

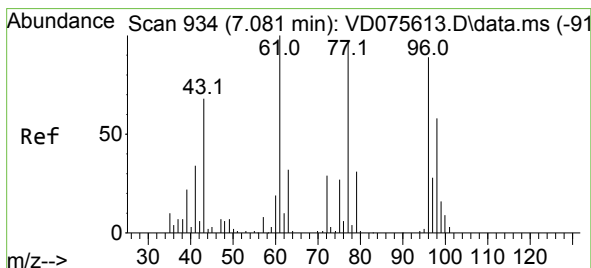
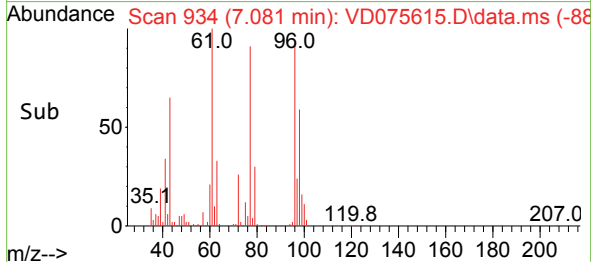
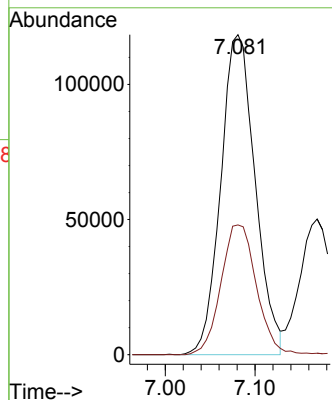
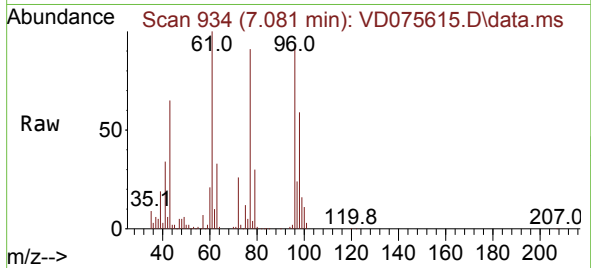




#25
2-Butanone
Concen: 619.177 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

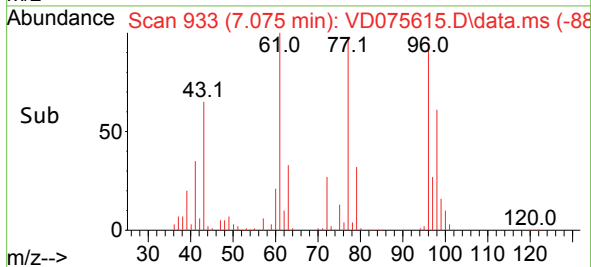
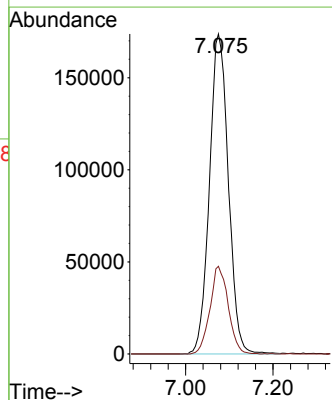
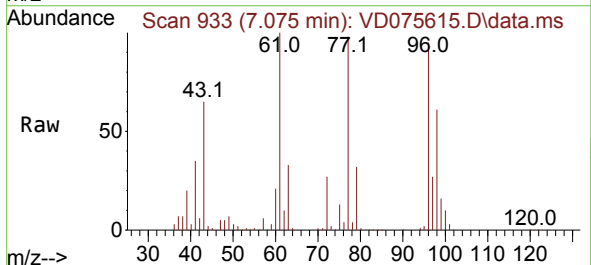
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

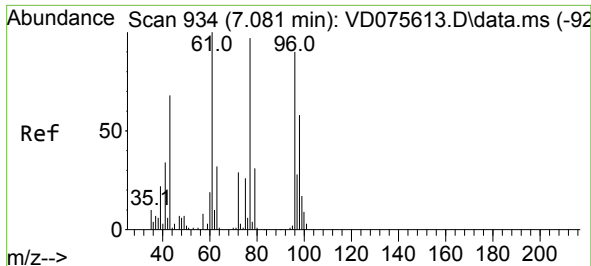
Tgt Ion: 43 Resp: 315510
Ion Ratio Lower Upper
43 100
72 40.5 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 118.315 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 77 Resp: 522965
Ion Ratio Lower Upper
77 100
97 26.4 11.1 33.1



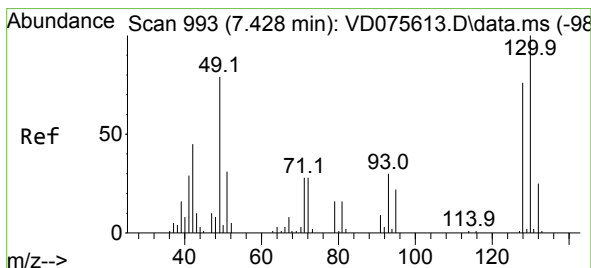
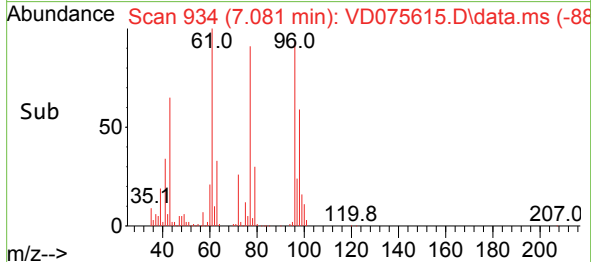
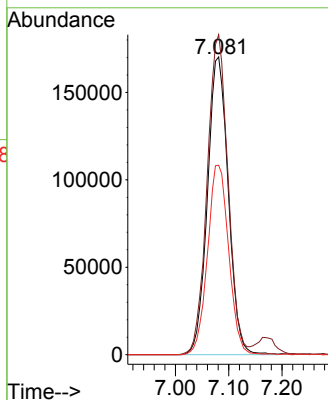
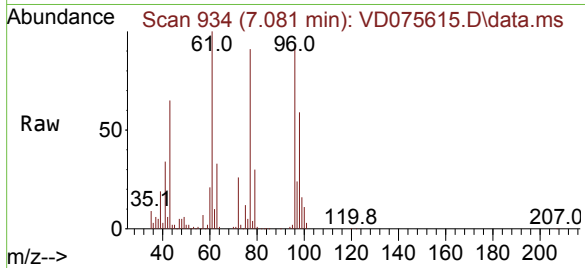


#27
 cis-1,2-Dichloroethene
 Concen: 127.335 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 461563

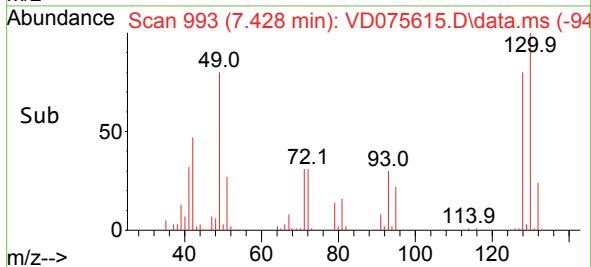
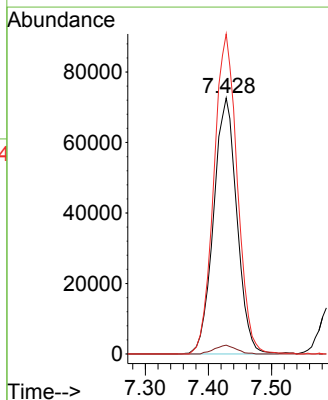
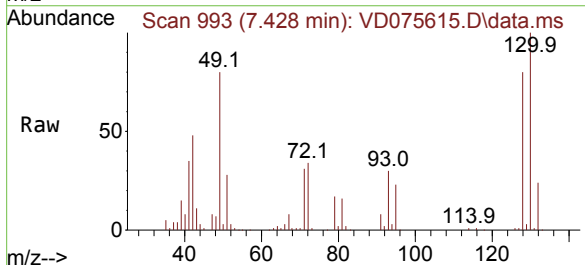
Ion	Ratio	Lower	Upper
96	100		
61	108.1	0.0	295.2
98	64.7	0.0	129.2

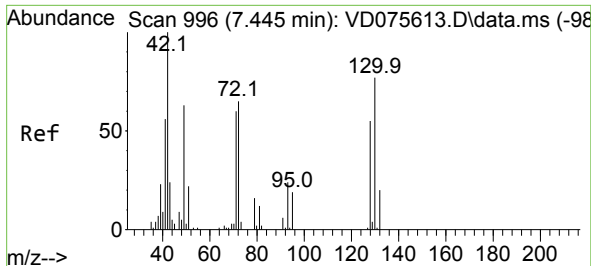


#28
 Bromochloromethane
 Concen: 120.032 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion: 49 Resp: 186114

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	2.2#
130	125.7	56.0	84.0#





#29

Tetrahydrofuran

Concen: 625.505 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

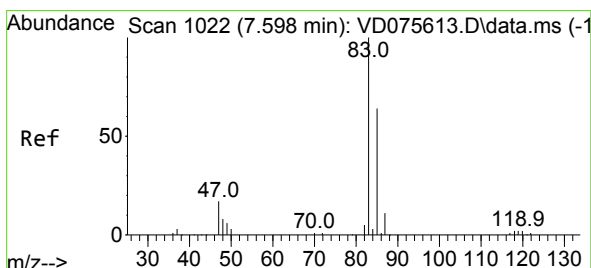
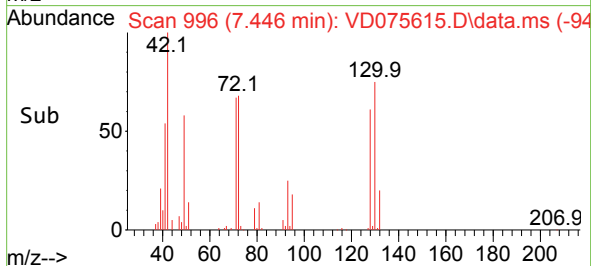
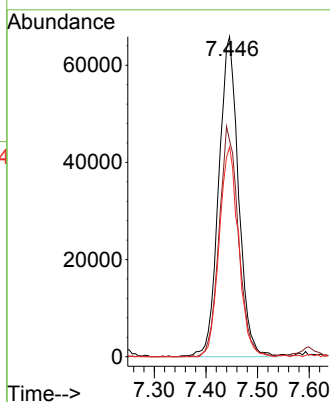
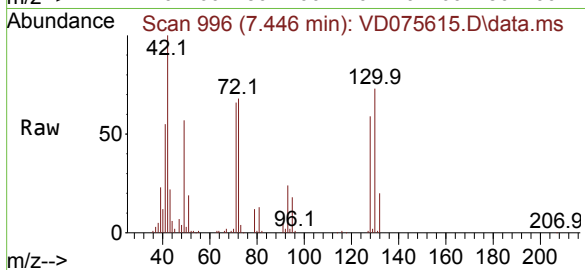
Tgt Ion: 42 Resp: 174604

Ion Ratio Lower Upper

42 100

72 70.4 31.8 47.6#

71 64.2 27.6 41.4#



#30

Chloroform

Concen: 120.450 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075615.D

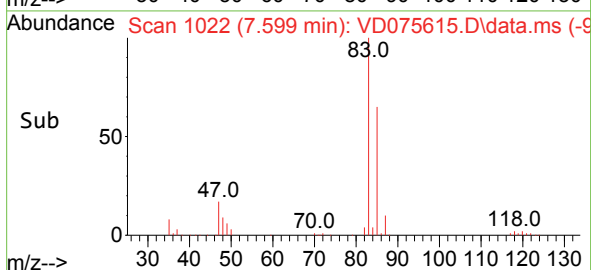
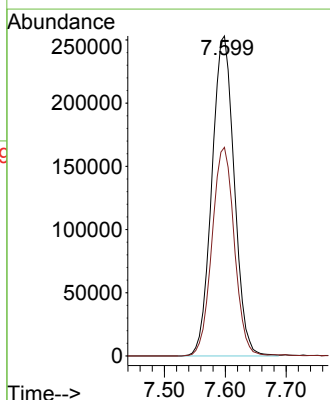
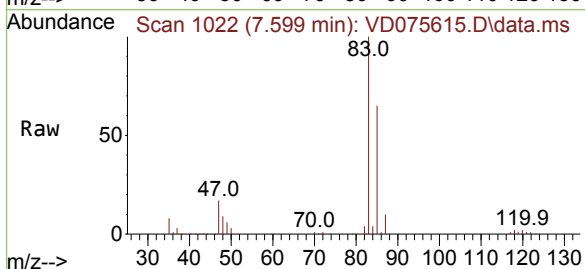
Acq: 10 Apr 2023 19:21

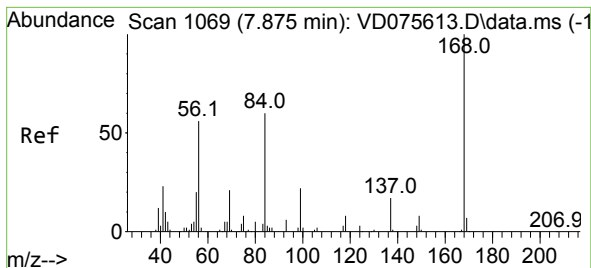
Tgt Ion: 83 Resp: 646222

Ion Ratio Lower Upper

83 100

85 65.2 49.4 74.2





#31

Cyclohexane

Concen: 103.580 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

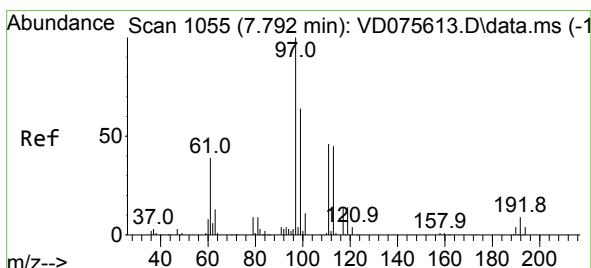
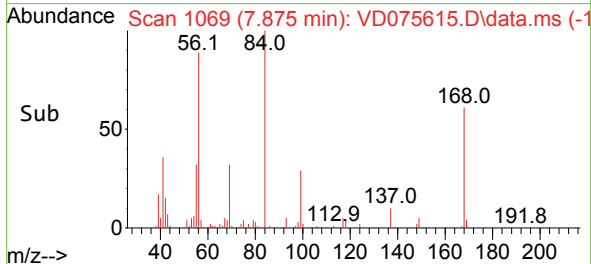
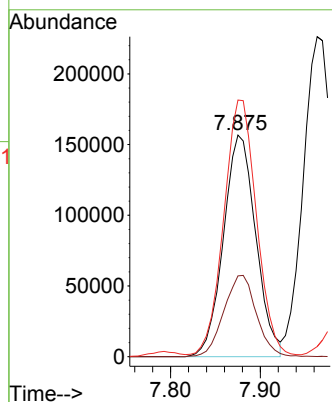
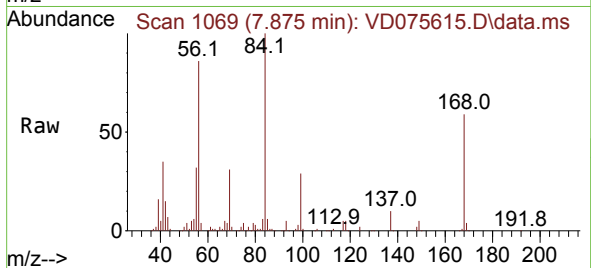
Tgt Ion: 56 Resp: 393041

Ion Ratio Lower Upper

56 100

69 36.5 25.5 38.3

84 114.6 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 116.498 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

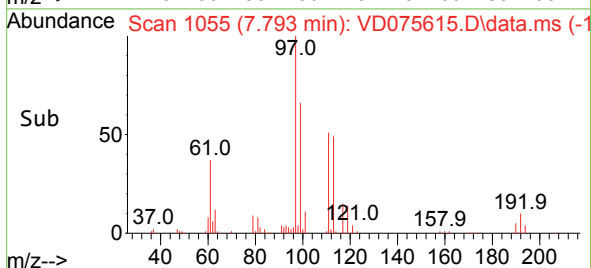
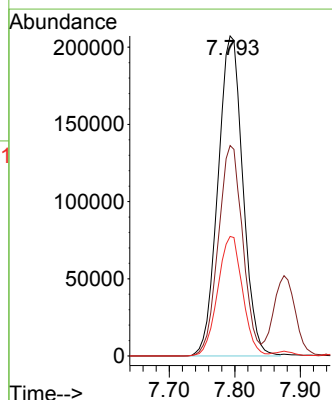
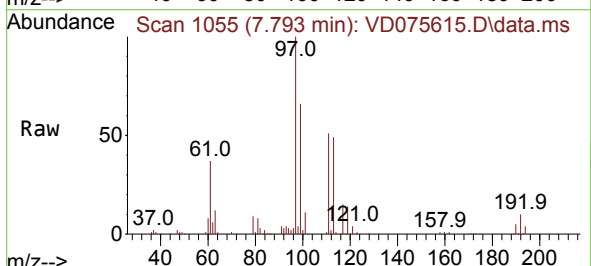
Tgt Ion: 97 Resp: 545809

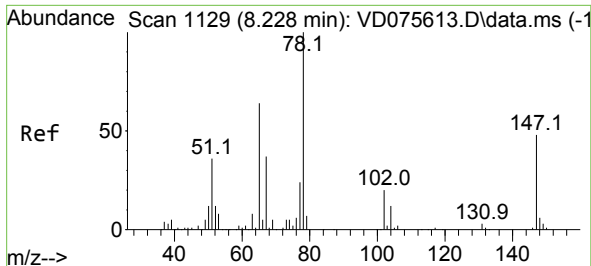
Ion Ratio Lower Upper

97 100

99 64.6 50.5 75.7

61 37.3 36.6 55.0

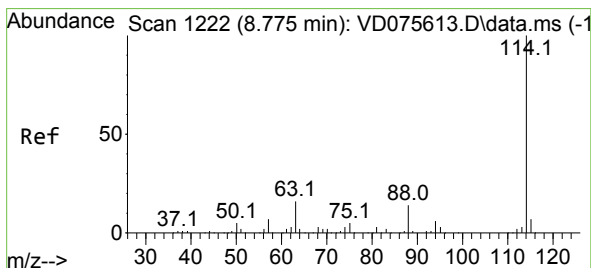
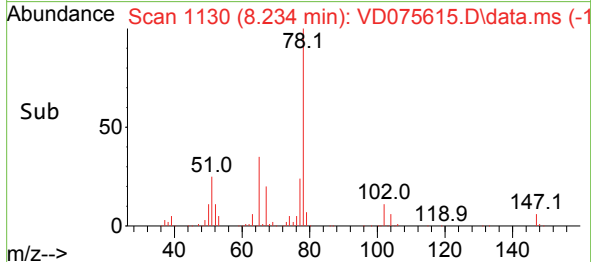
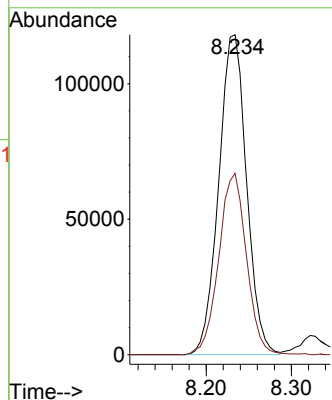
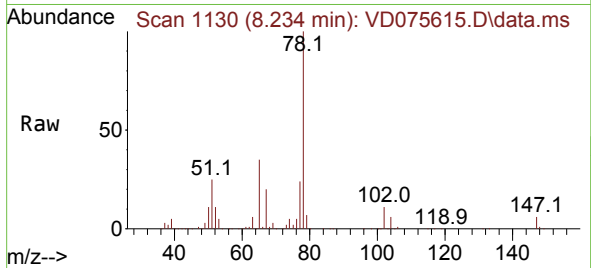




#33
 1,2-Dichloroethane-d4
 Concen: 123.577 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

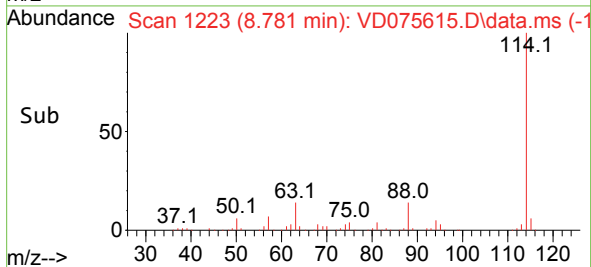
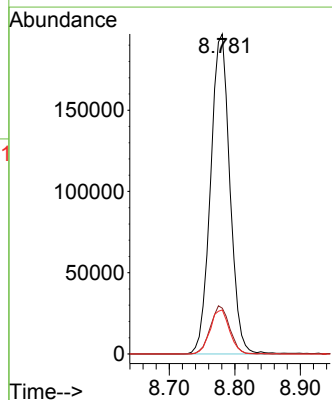
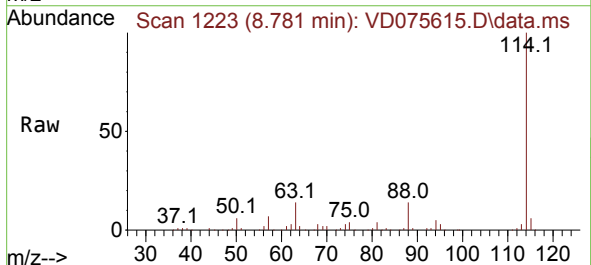
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

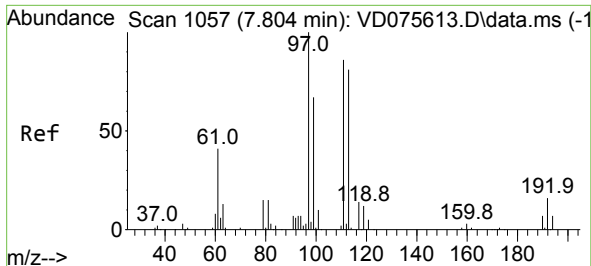
Tgt Ion: 65 Resp: 268515
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion: 114 Resp: 401797
 Ion Ratio Lower Upper
 114 100
 63 14.3 0.0 41.6
 88 13.7 0.0 30.6

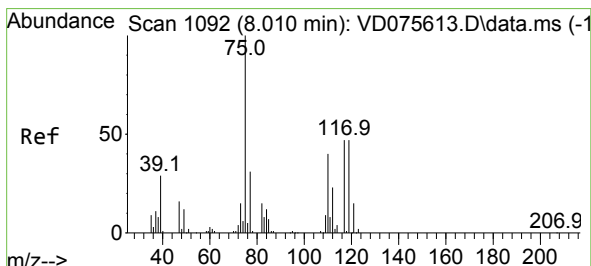
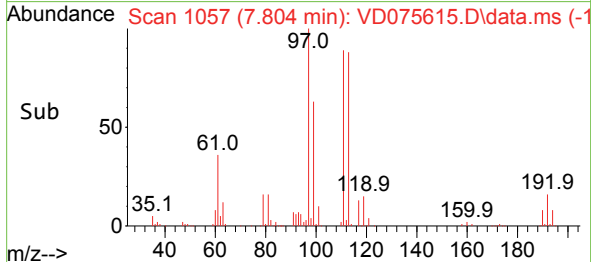
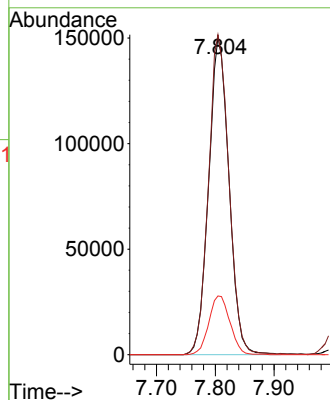
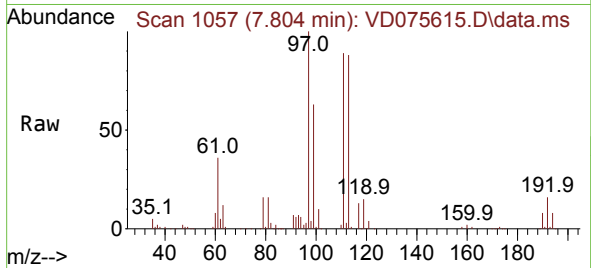




#35
 Dibromofluoromethane
 Concen: 134.581 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

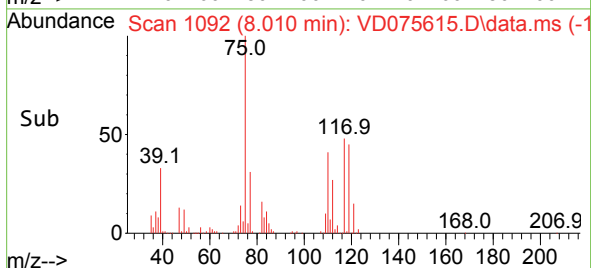
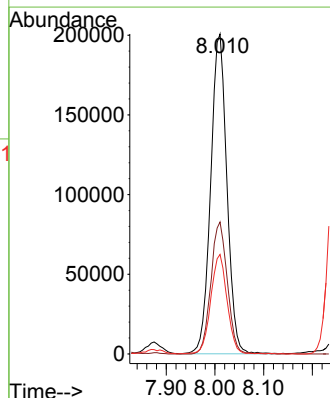
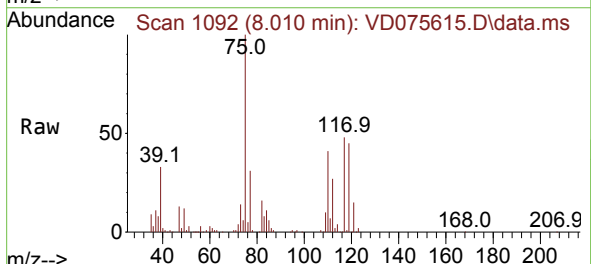
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

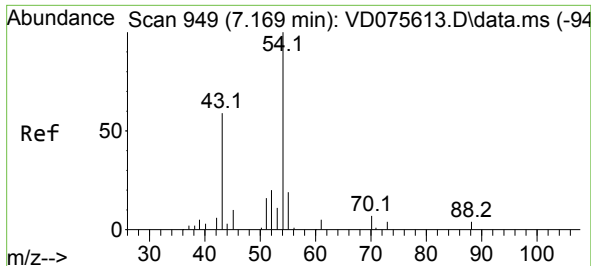
Tgt Ion:113 Resp: 360619
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 19.3 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 117.115 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion: 75 Resp: 462739
 Ion Ratio Lower Upper
 75 100
 110 41.9 17.1 51.2
 77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 127.778 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

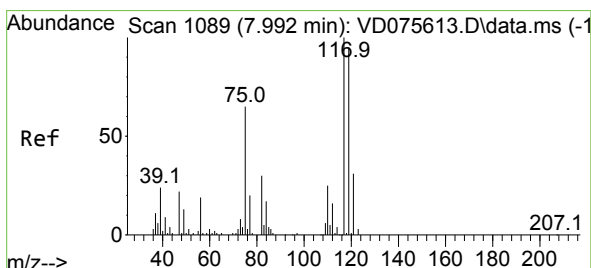
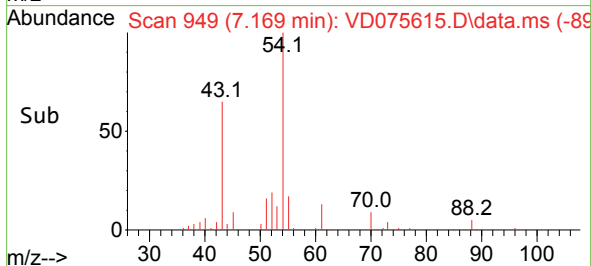
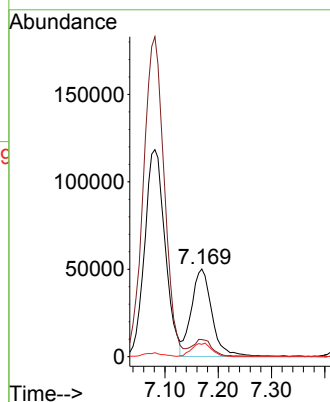
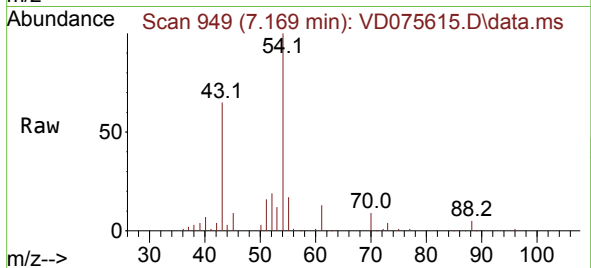
Tgt Ion: 43 Resp: 133679

Ion Ratio Lower Upper

43 100

61 18.7 0.0 0.0#

70 15.1 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 119.371 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

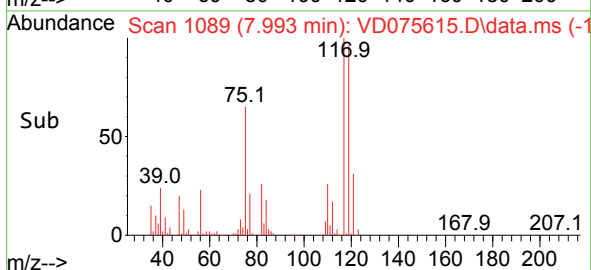
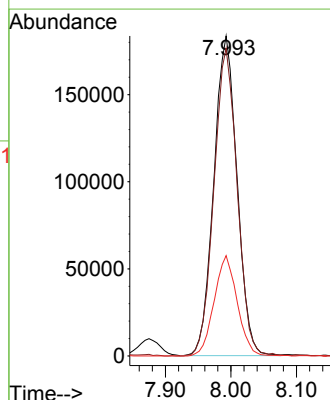
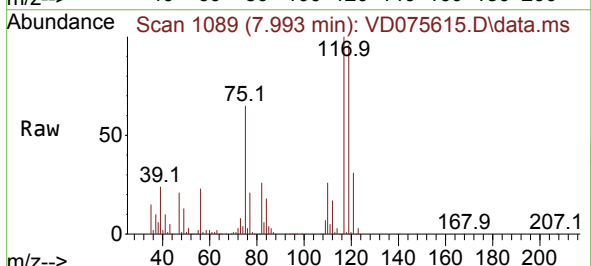
Tgt Ion: 117 Resp: 450327

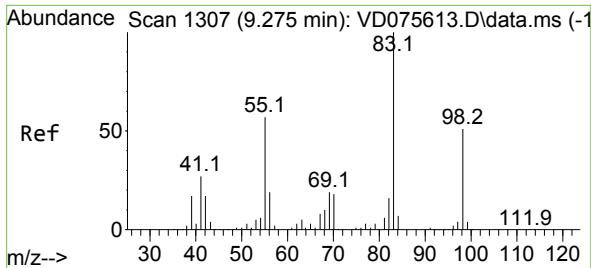
Ion Ratio Lower Upper

117 100

119 96.3 74.7 112.1

121 31.4 25.9 38.9

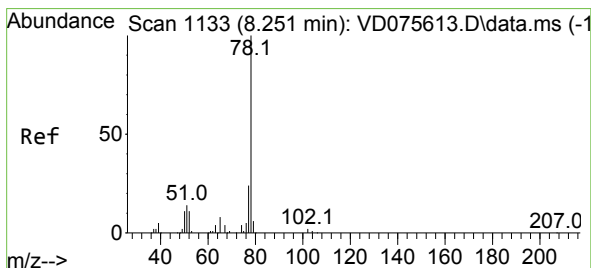
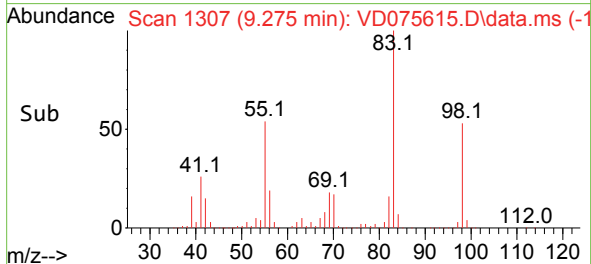
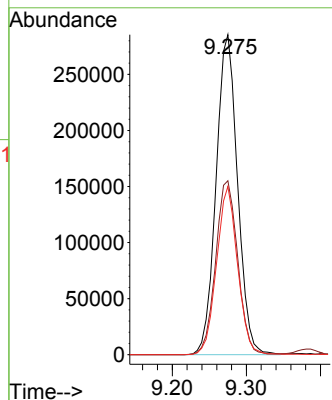
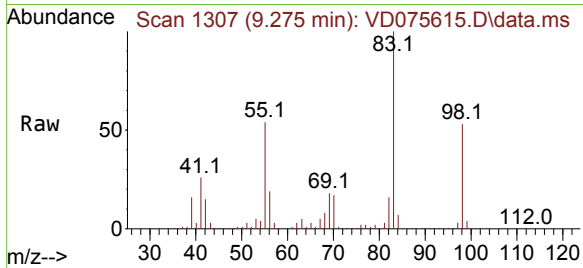




#39
Methylcyclohexane
Concen: 116.687 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

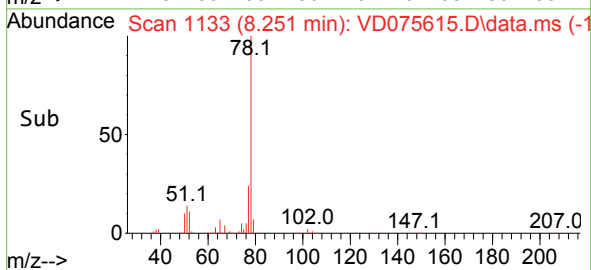
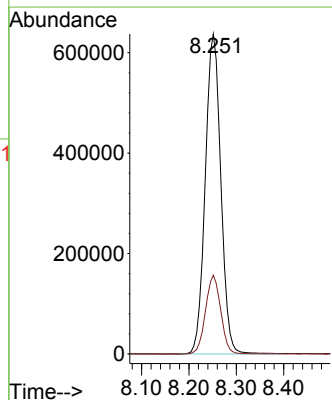
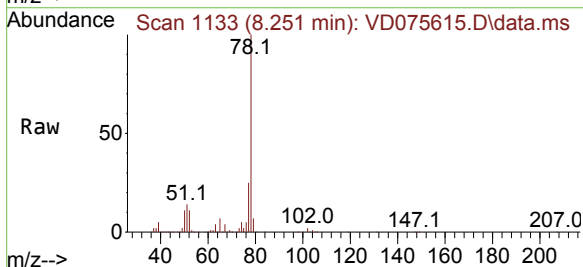
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

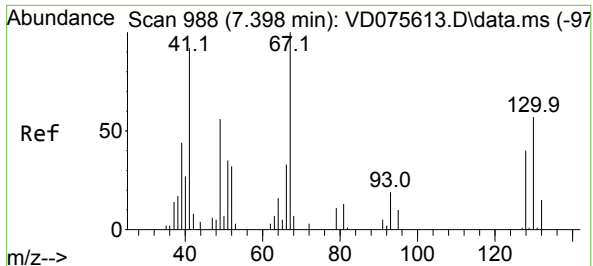
Tgt Ion: 83 Resp: 574971
Ion Ratio Lower Upper
83 100
55 54.4 56.8 85.2#
98 52.6 38.9 58.3



#40
Benzene
Concen: 121.865 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 78 Resp: 1456697
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

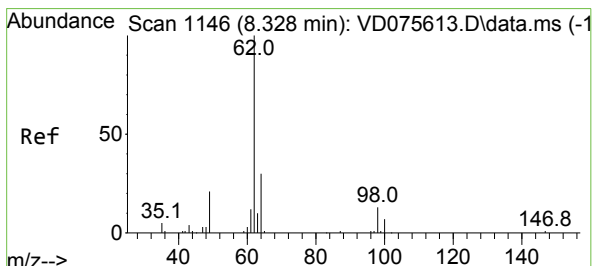
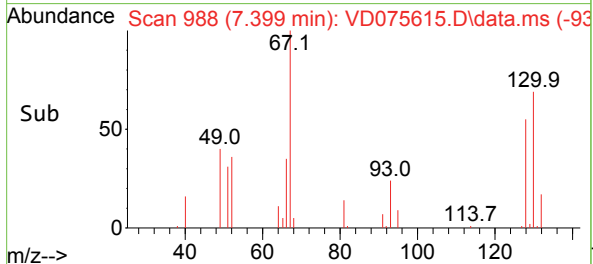
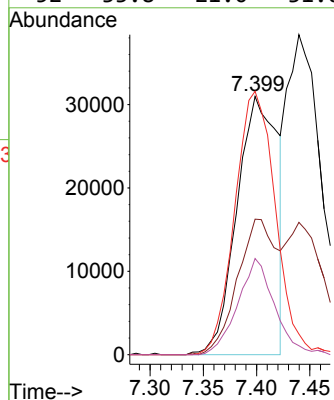
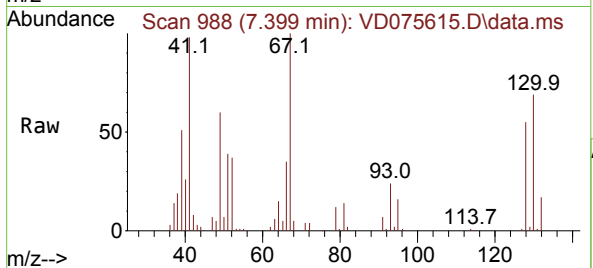




#41
Methacrylonitrile
Concen: 148.045 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

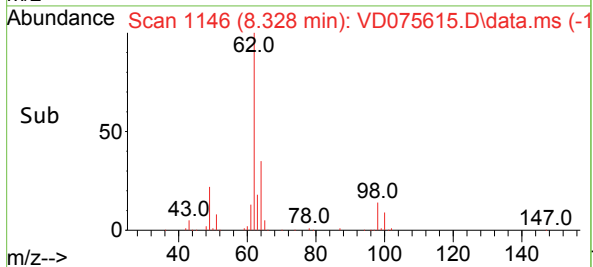
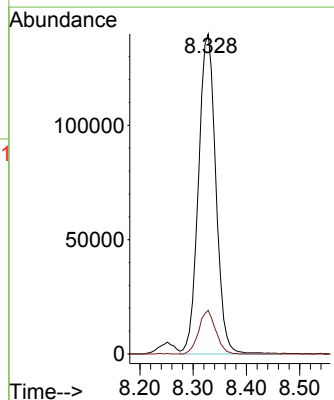
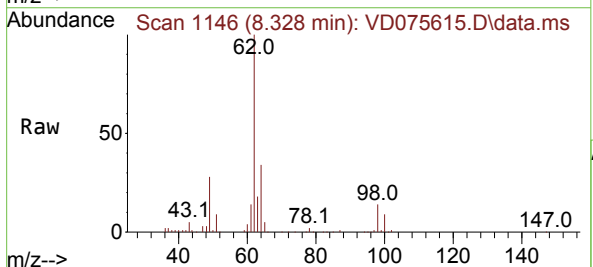
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

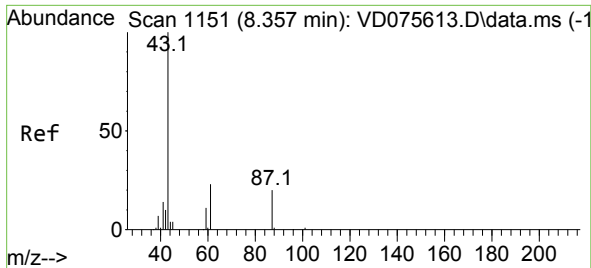
Tgt Ion: 41 Resp: 82099
Ion Ratio Lower Upper
41 100
39 50.7 45.3 67.9
67 102.1 50.5 75.7#
52 33.8 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 119.510 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 62 Resp: 316527
Ion Ratio Lower Upper
62 100
98 13.3 0.0 18.8

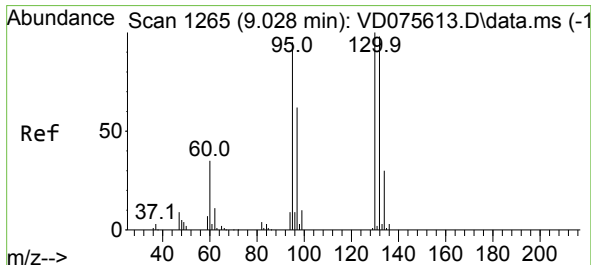
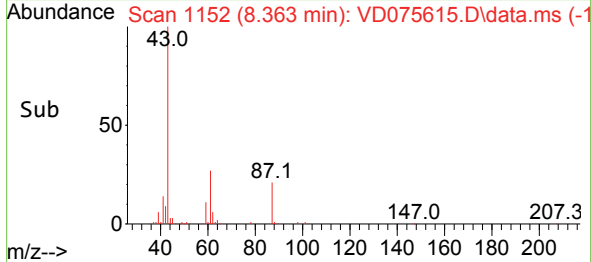
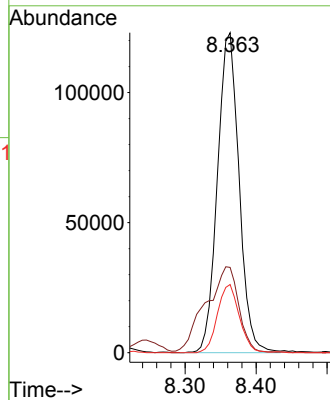
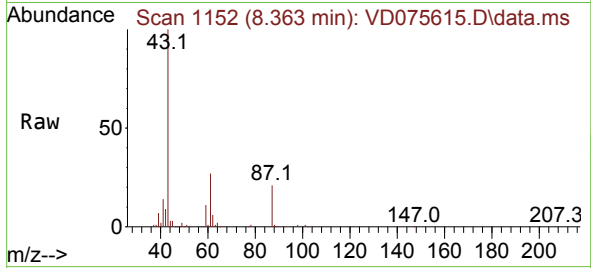




#43
Isopropyl Acetate
Concen: 133.245 ug/l
RT: 8.363 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

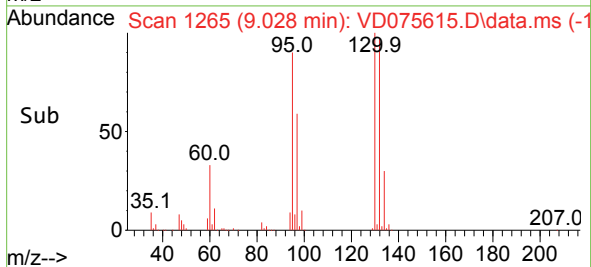
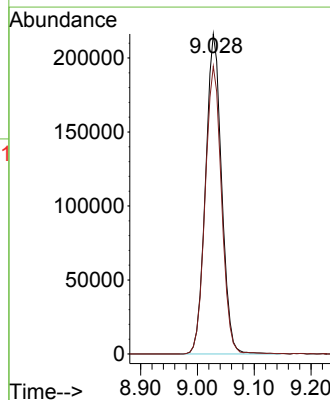
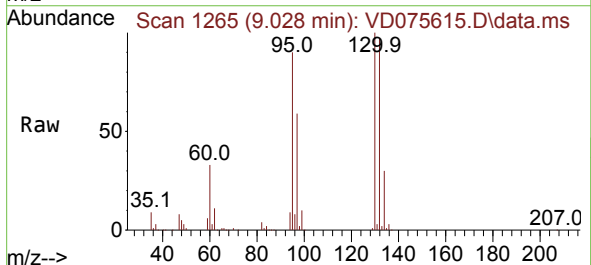
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

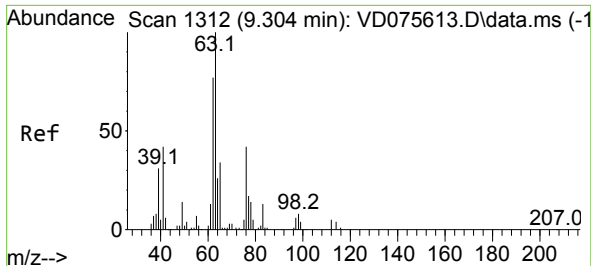
Tgt Ion: 43 Resp: 259448
Ion Ratio Lower Upper
43 100
61 41.1 23.4 35.0#
87 21.6 9.5 14.3#



#44
Trichloroethene
Concen: 121.108 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:130 Resp: 423461
Ion Ratio Lower Upper
130 100
95 89.9 0.0 197.6

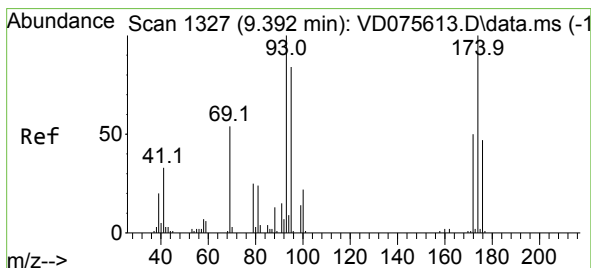
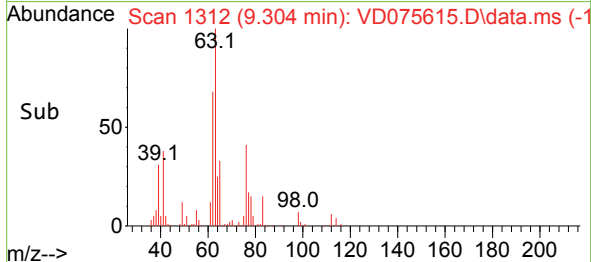
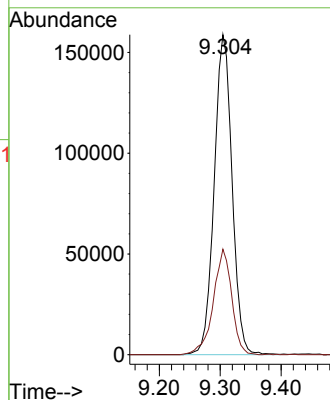
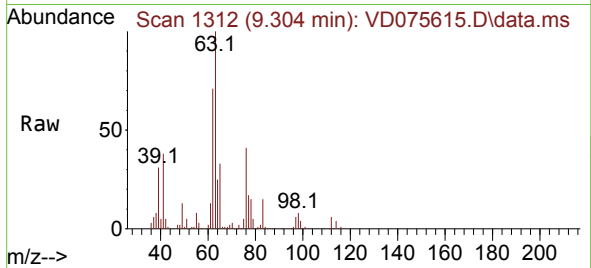




#45
1,2-Dichloropropane
Concen: 125.250 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

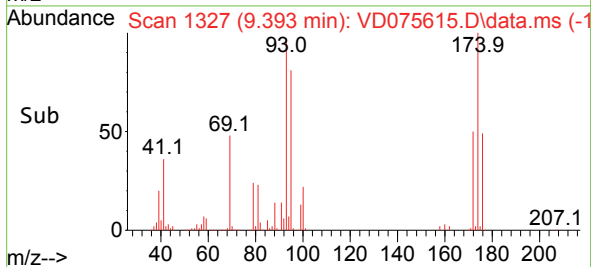
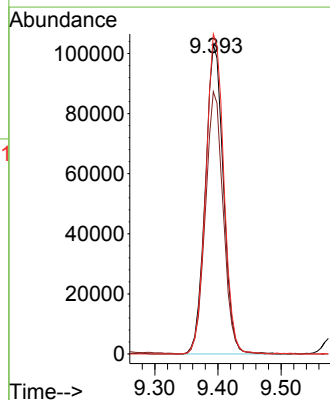
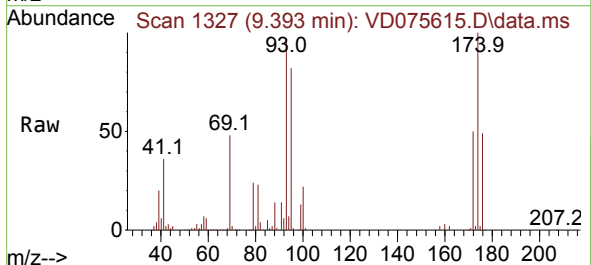
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

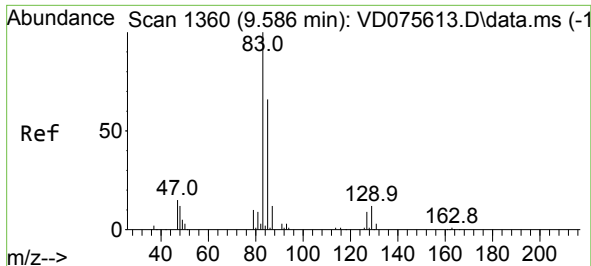
Tgt Ion: 63 Resp: 323904
Ion Ratio Lower Upper
63 100
65 33.0 23.0 34.4



#46
Dibromomethane
Concen: 127.753 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 93 Resp: 204724
Ion Ratio Lower Upper
93 100
95 83.7 64.5 96.7
174 102.9 76.2 114.4

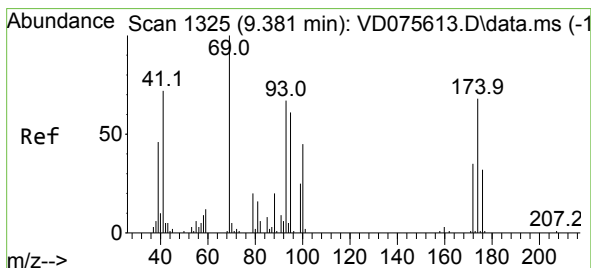
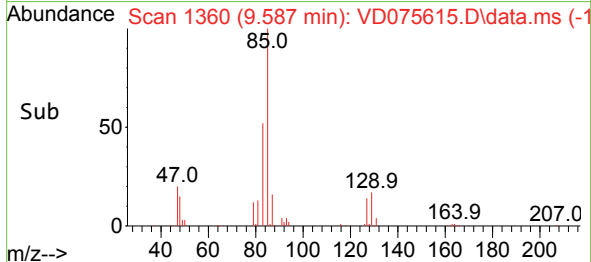
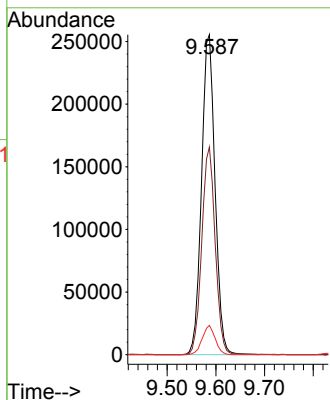
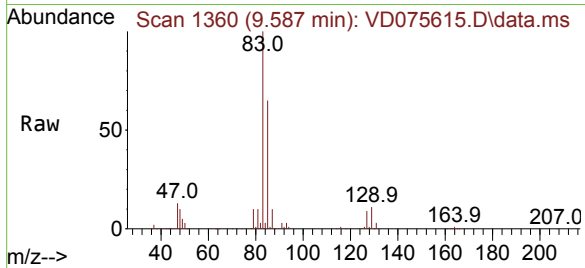




#47
Bromodichloromethane
Concen: 126.989 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

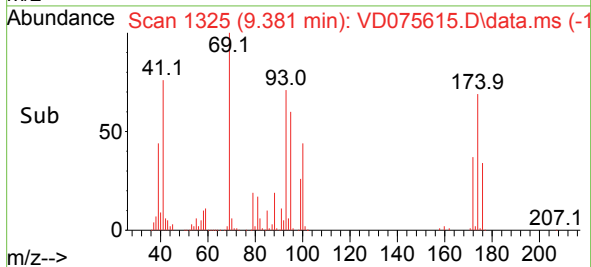
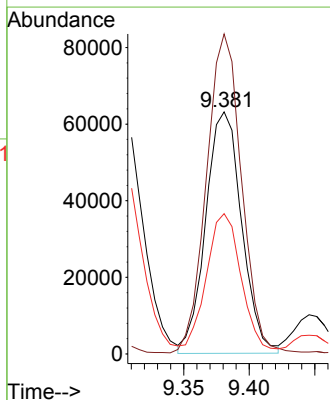
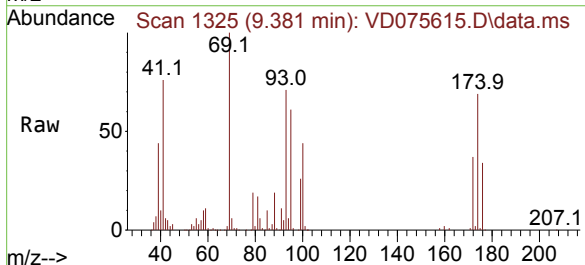
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

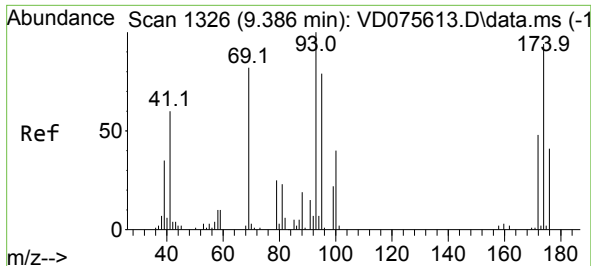
Tgt Ion: 83 Resp: 490342
Ion Ratio Lower Upper
83 100
85 64.9 53.7 80.5
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 132.506 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 41 Resp: 120222
Ion Ratio Lower Upper
41 100
69 128.9 58.6 88.0#
39 52.7 53.4 80.0#





#49

1,4-Dioxane

Concen: 2587.557 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

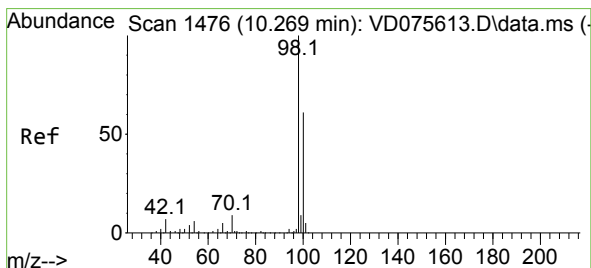
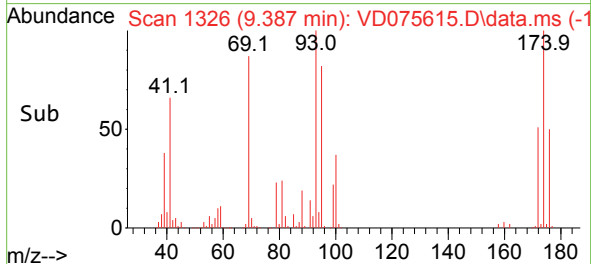
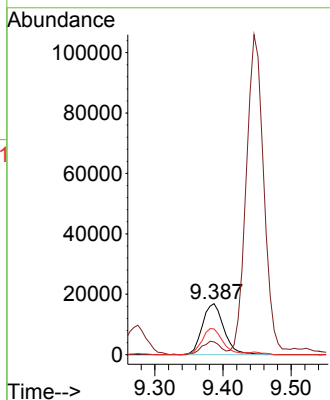
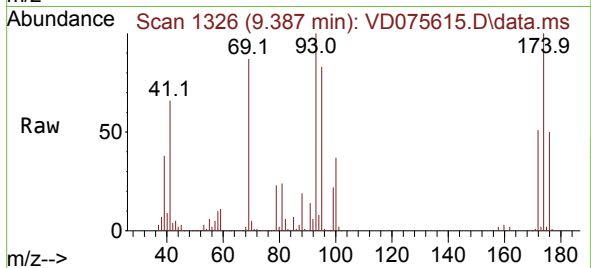
Tgt Ion: 88 Resp: 37221

Ion Ratio Lower Upper

88 100

43 22.5 34.6 51.8#

58 49.4 58.0 87.0#



#50

Toluene-d8

Concen: 134.189 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075615.D

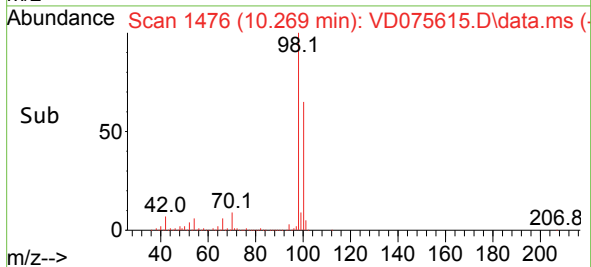
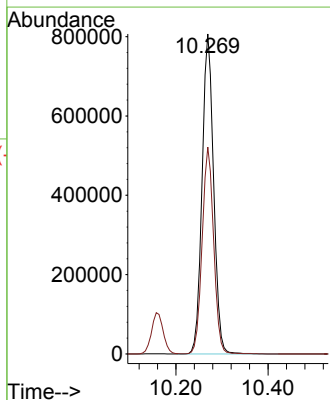
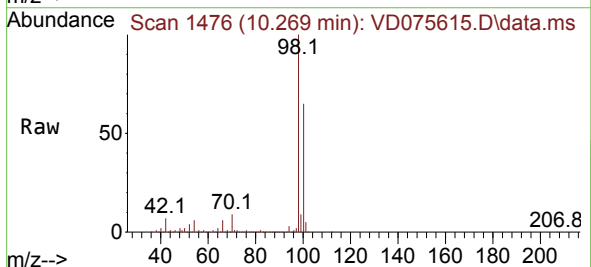
Acq: 10 Apr 2023 19:21

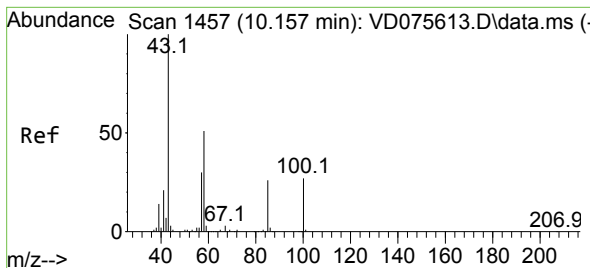
Tgt Ion: 98 Resp: 1410160

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1

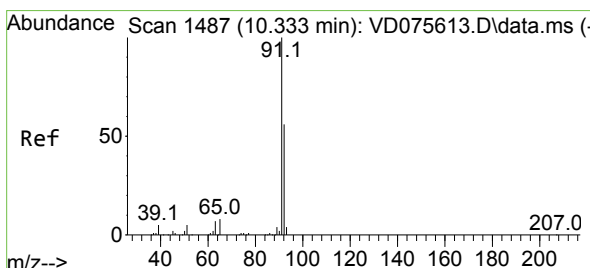
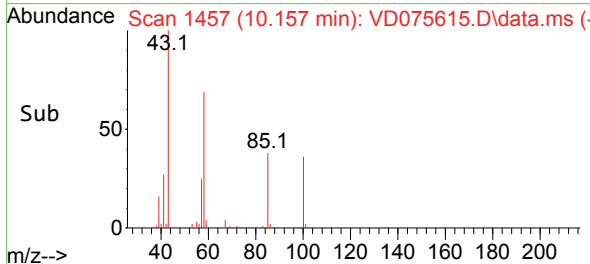
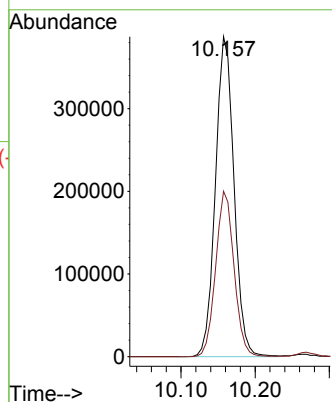
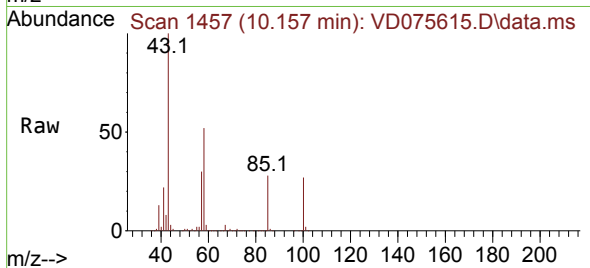




#51
4-Methyl-2-Pentanone
Concen: 664.058 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

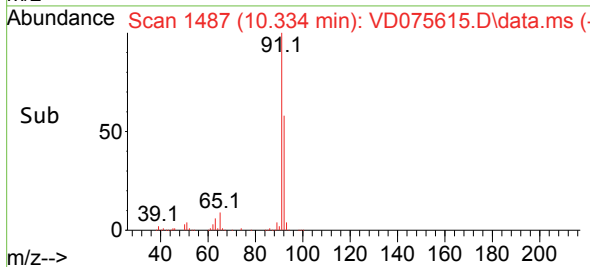
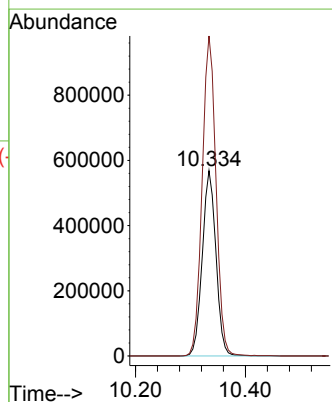
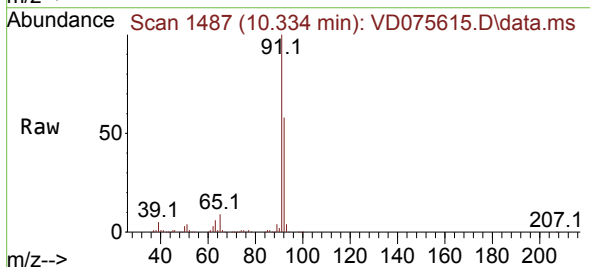
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

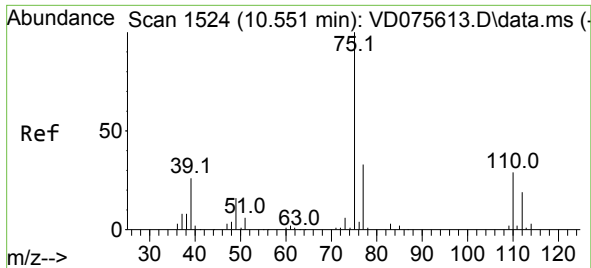
Tgt Ion: 43 Resp: 672977
Ion Ratio Lower Upper
43 100
58 51.3 29.5 44.3#



#52
Toluene
Concen: 126.671 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 92 Resp: 979855
Ion Ratio Lower Upper
92 100
91 175.0 136.5 204.7

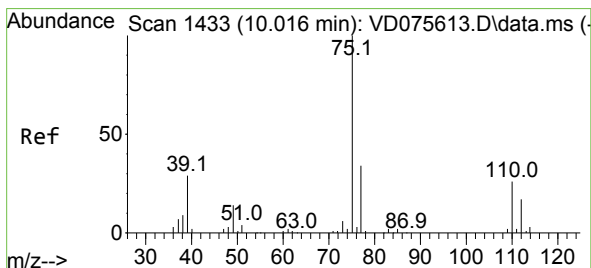
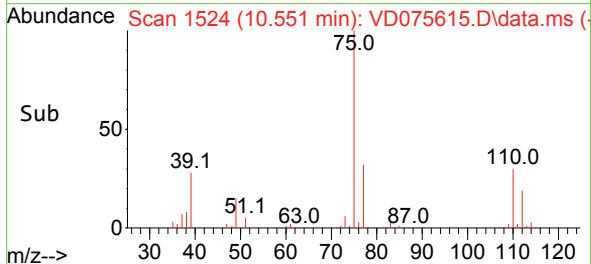
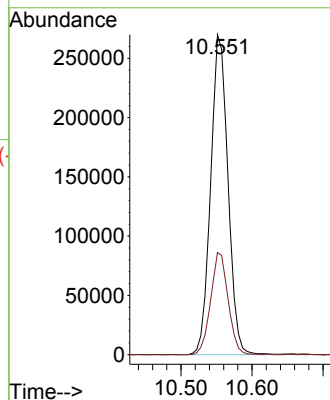
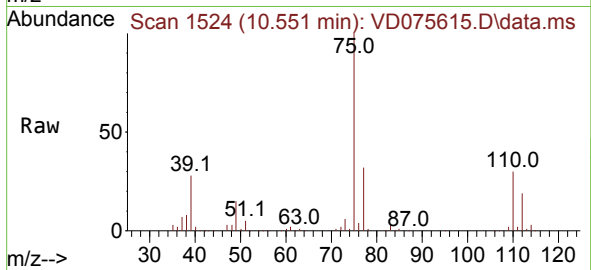




#53
t-1,3-Dichloropropene
Concen: 131.271 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

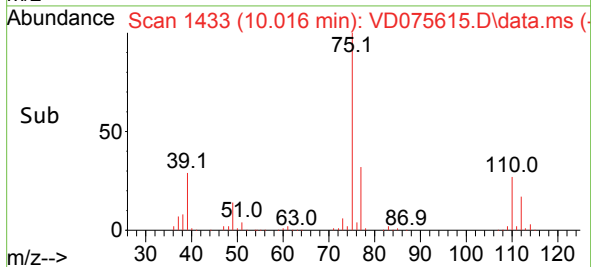
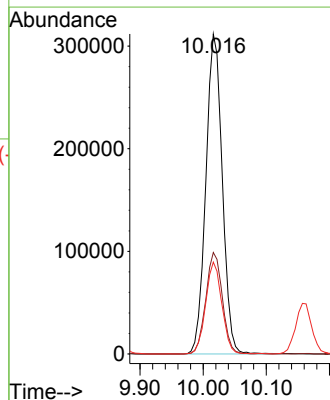
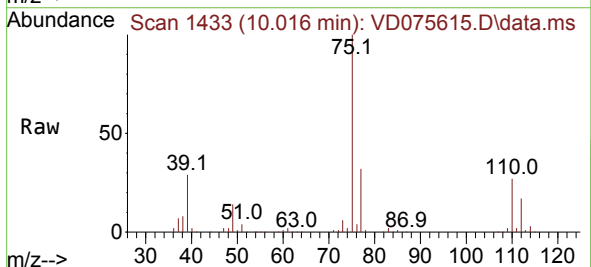
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

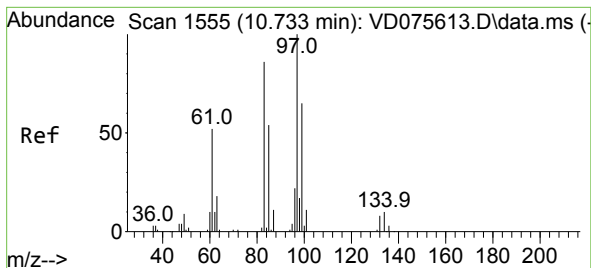
Tgt Ion: 75 Resp: 456300
Ion Ratio Lower Upper
75 100
77 32.0 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 132.062 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 75 Resp: 563338
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 28.7 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 129.310 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 293828

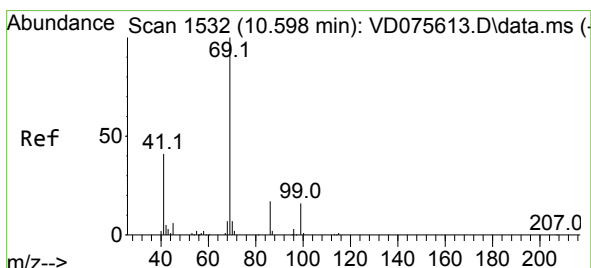
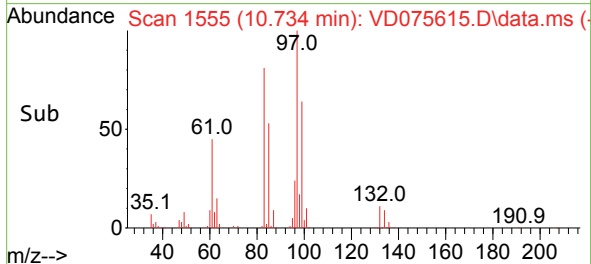
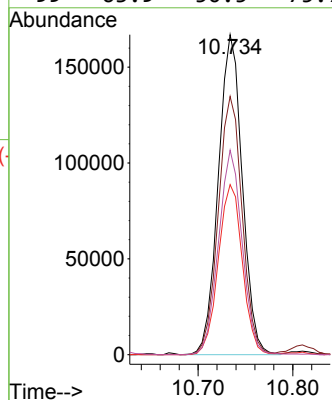
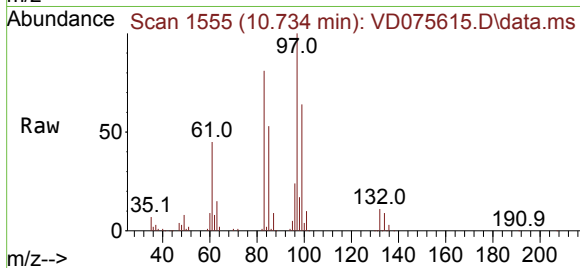
Ion Ratio Lower Upper

97 100

83 80.7 74.2 111.4

85 53.1 45.4 68.0

99 63.9 50.5 75.7



#56

Ethyl methacrylate

Concen: 143.555 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

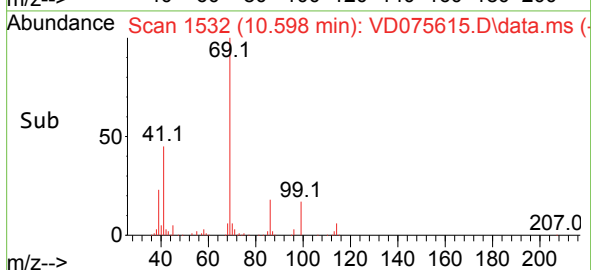
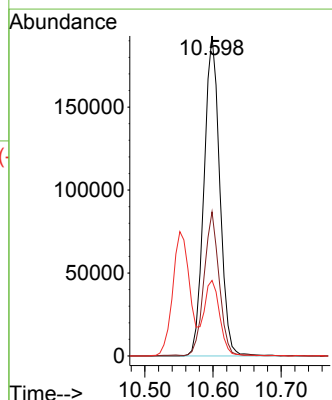
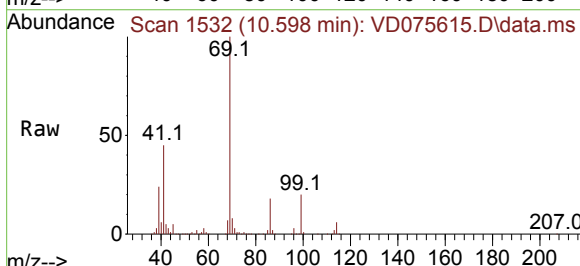
Tgt Ion: 69 Resp: 310305

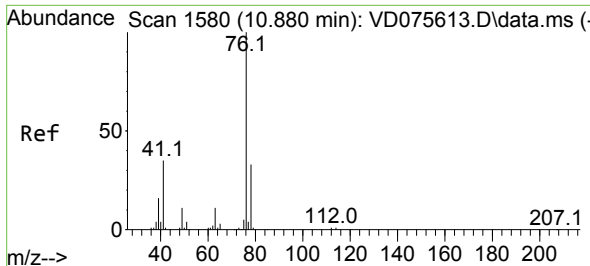
Ion Ratio Lower Upper

69 100

41 42.8 59.3 88.9#

39 24.2 36.0 54.0#

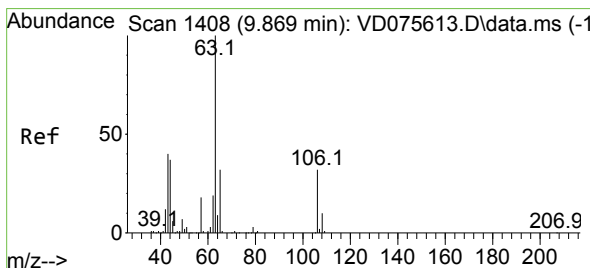
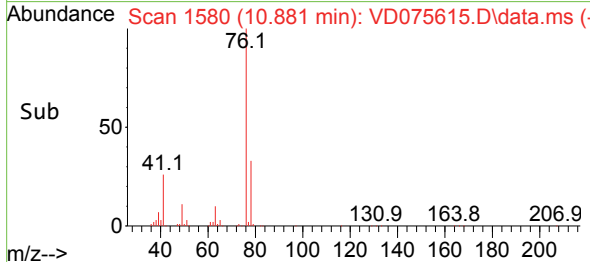
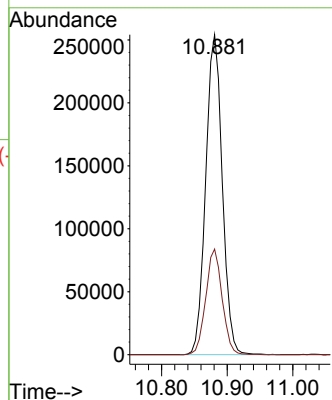
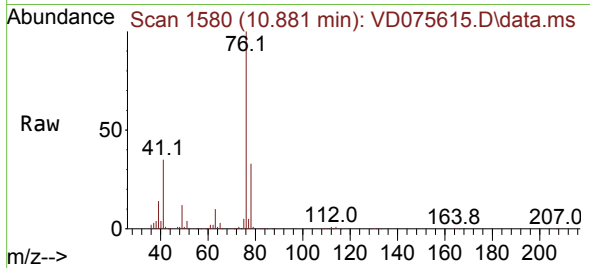




#57
 1,3-Dichloropropane
 Concen: 128.334 ug/l
 RT: 10.881 min Scan# 1580
 Delta R.T. 0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

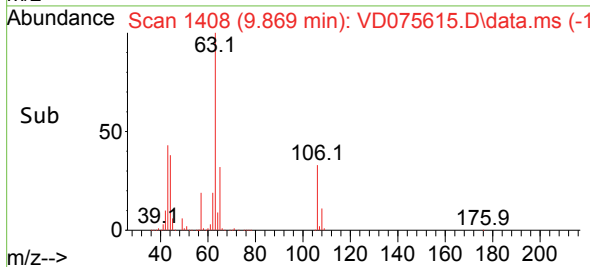
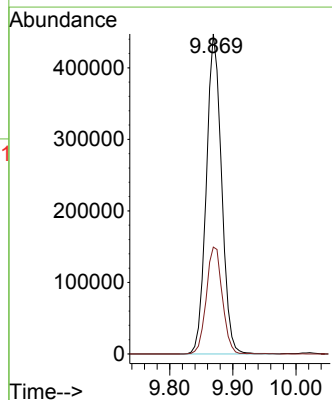
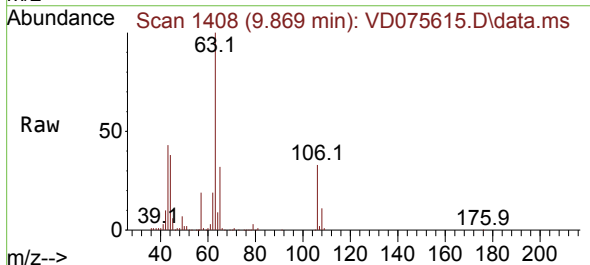
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

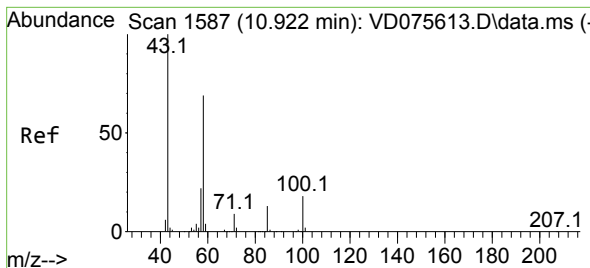
Tgt Ion: 76 Resp: 447445
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 714.876 ug/l
 RT: 9.869 min Scan# 1408
 Delta R.T. 0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion: 63 Resp: 748689
 Ion Ratio Lower Upper
 63 100
 106 35.1 21.4 32.2#

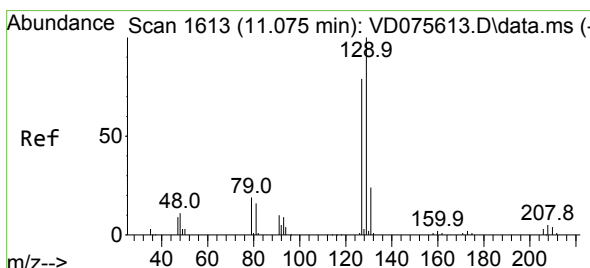
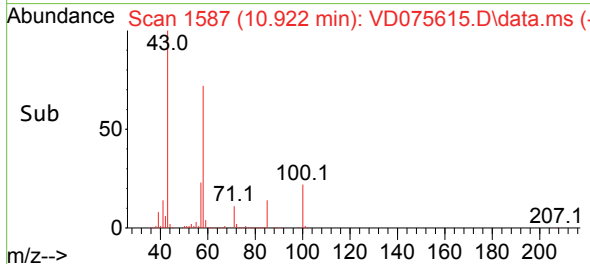
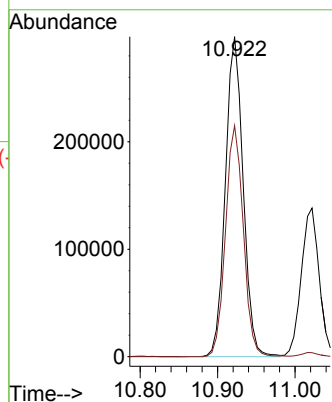
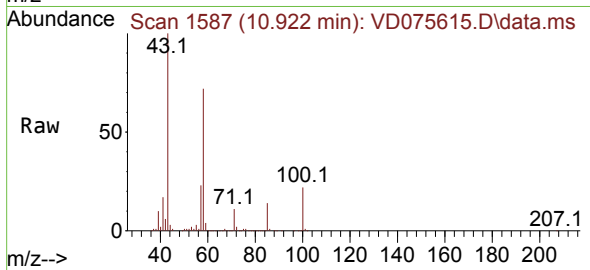




#59
2-Hexanone
Concen: 665.392 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

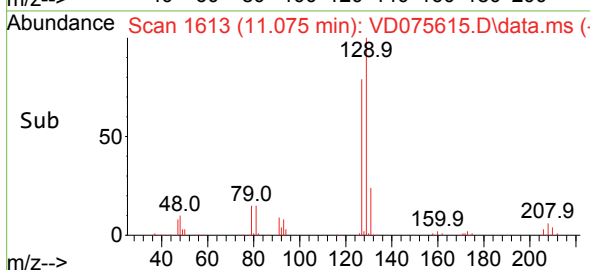
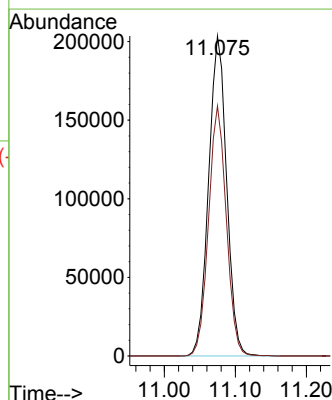
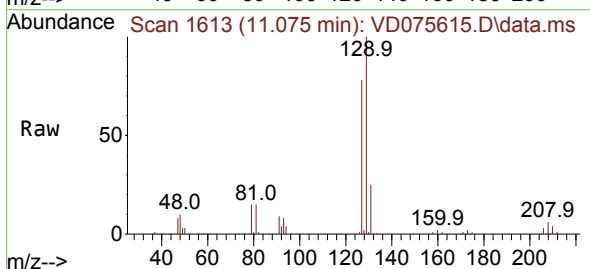
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

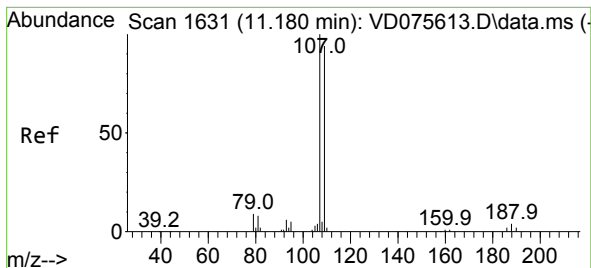
Tgt Ion: 43 Resp: 474955
Ion Ratio Lower Upper
43 100
58 72.4 25.3 75.8



#60
Dibromochloromethane
Concen: 133.797 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 129 Resp: 358837
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5

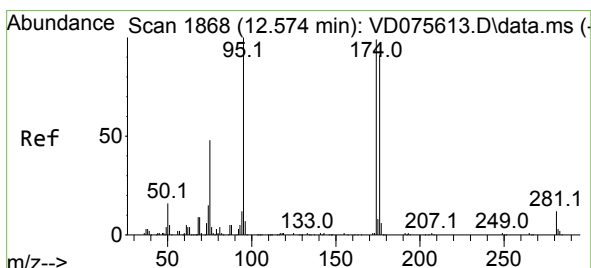
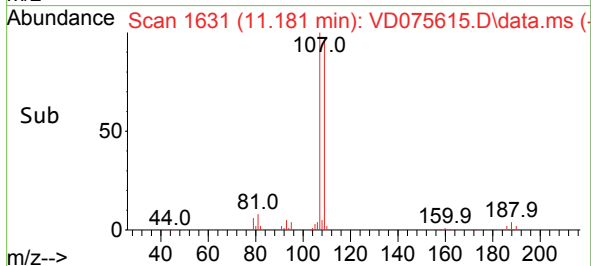
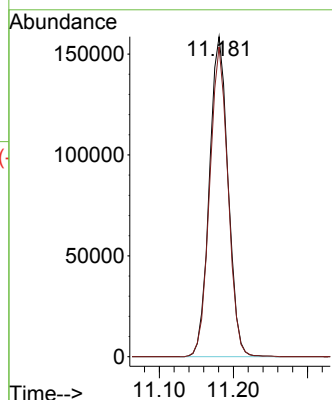
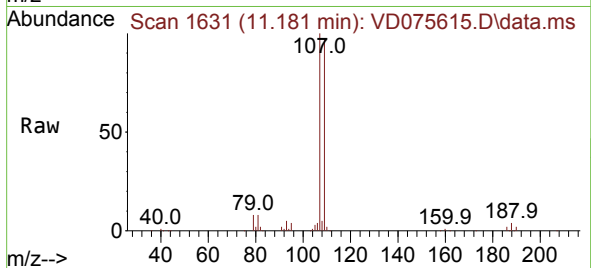




#61
1,2-Dibromoethane
Concen: 128.316 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

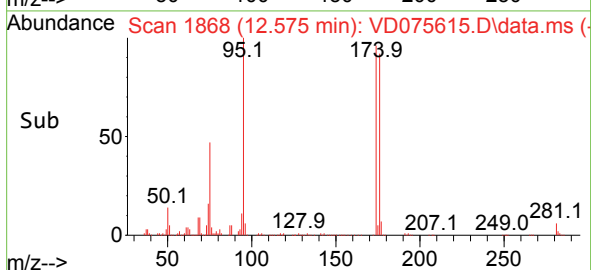
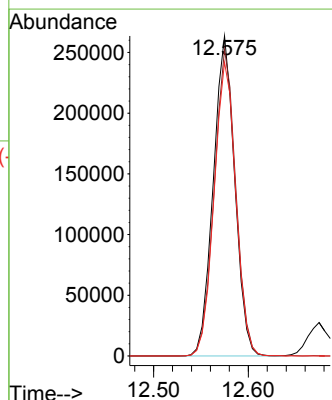
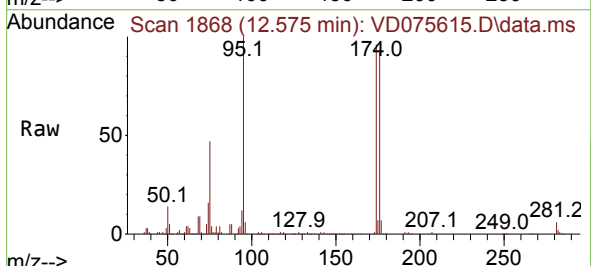
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

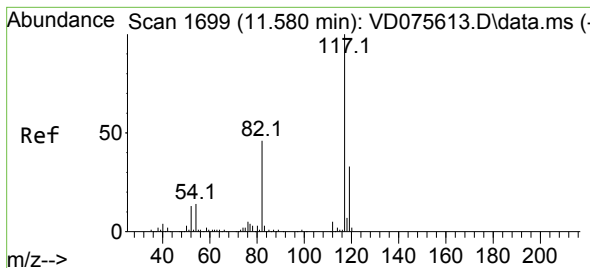
Tgt Ion:107 Resp: 278061
Ion Ratio Lower Upper
107 100
109 95.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 132.224 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 95 Resp: 414144
Ion Ratio Lower Upper
95 100
174 96.7 0.0 164.0
176 93.4 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

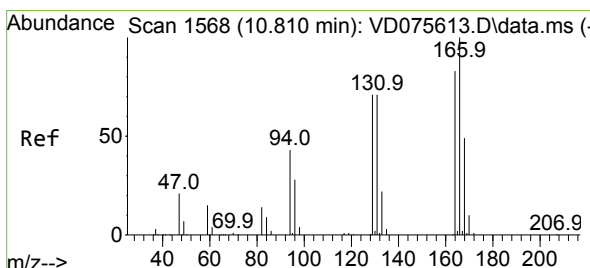
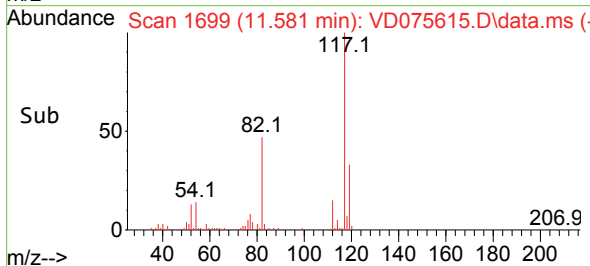
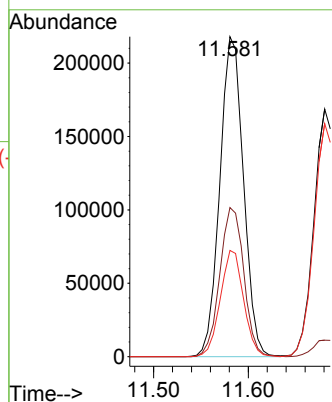
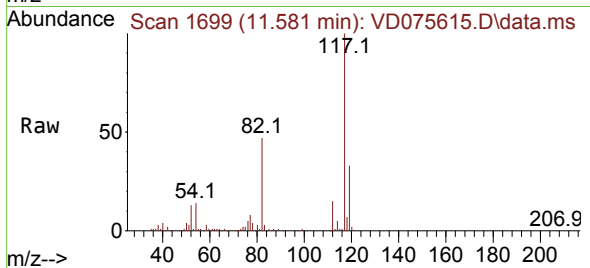
Tgt Ion:117 Resp: 378423

Ion Ratio Lower Upper

117 100

82 46.6 44.0 66.0

119 33.2 25.1 37.7



#64

Tetrachloroethene

Concen: 125.153 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Tgt Ion:164 Resp: 353784

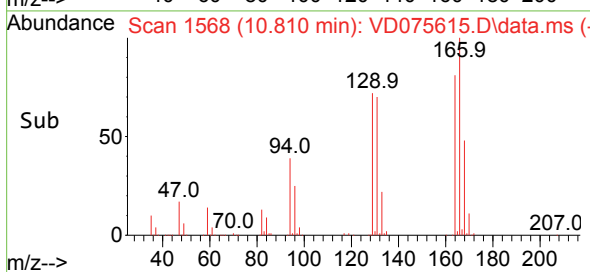
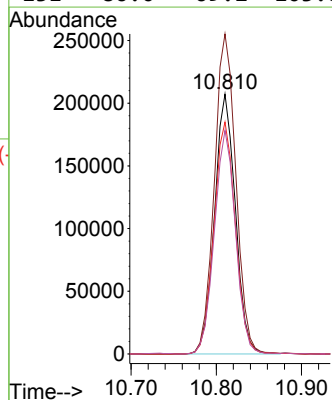
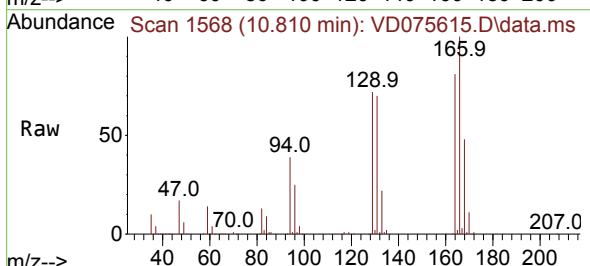
Ion Ratio Lower Upper

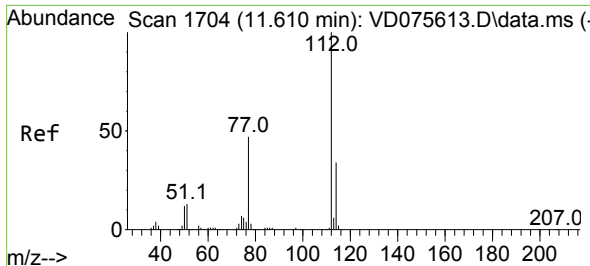
164 100

166 123.2 94.9 142.3

129 89.2 73.0 109.6

131 86.0 69.2 103.8

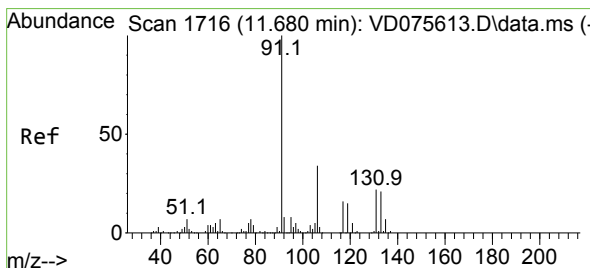
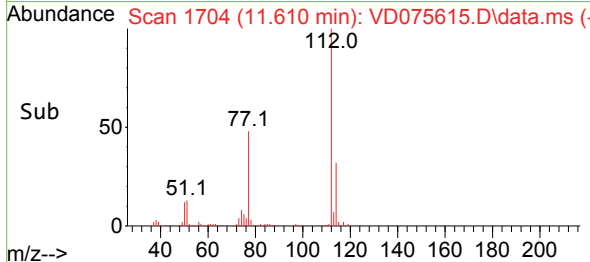
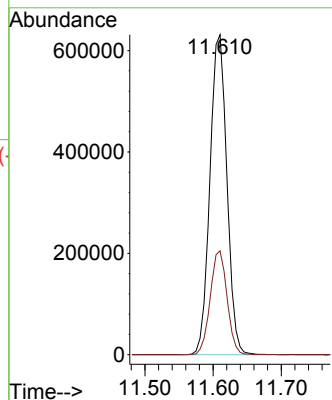
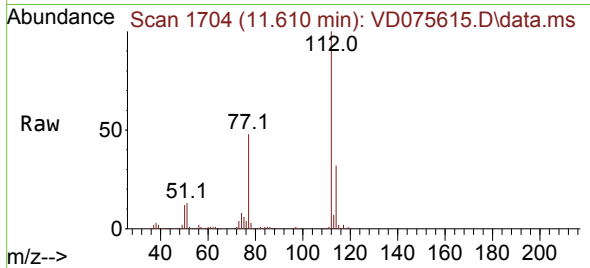




#65
Chlorobenzene
Concen: 125.107 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

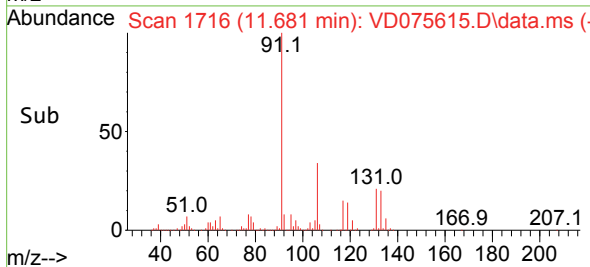
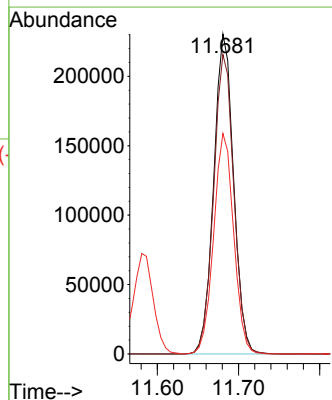
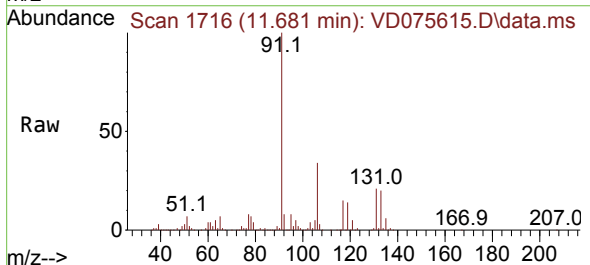
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

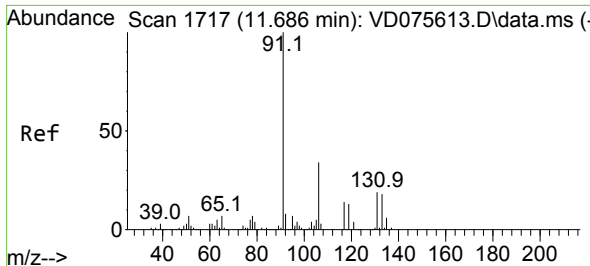
Tgt Ion:112 Resp: 1092834
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 130.250 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:131 Resp: 392010
Ion Ratio Lower Upper
131 100
133 95.2 46.7 140.0
119 69.5 31.9 95.9

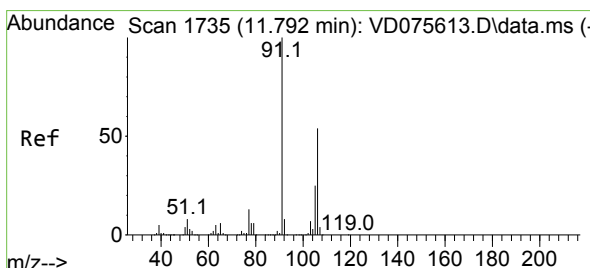
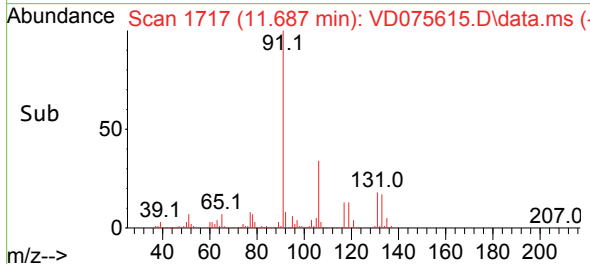
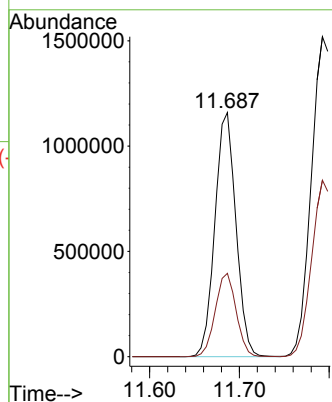
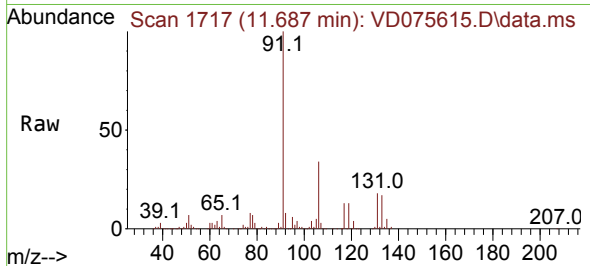




#67
Ethyl Benzene
Concen: 126.638 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

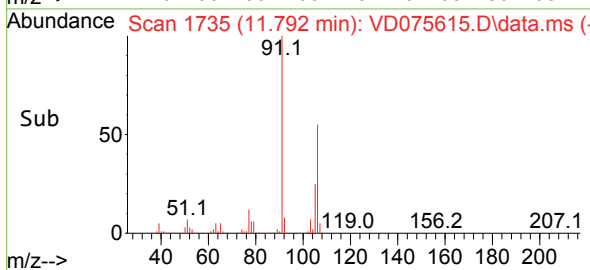
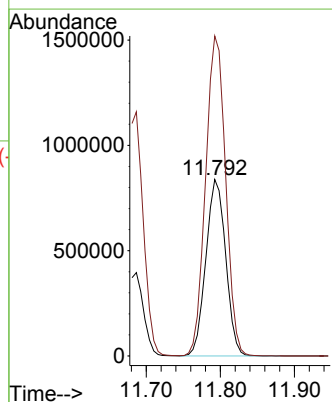
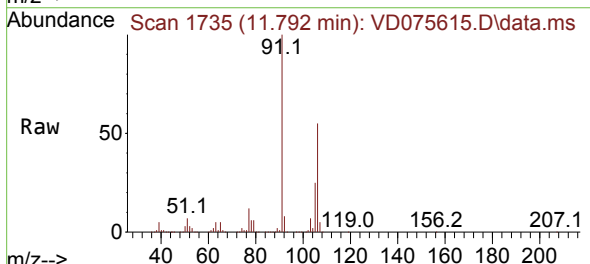
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

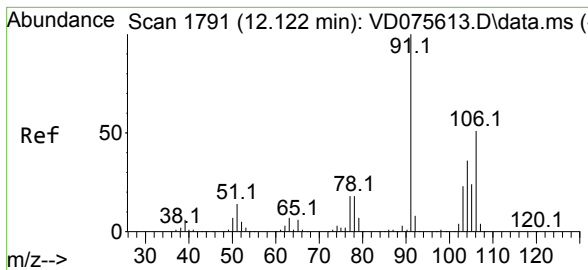
Tgt Ion: 91 Resp: 1884625
Ion Ratio Lower Upper
91 100
106 34.2 24.5 36.7



#68
m/p-Xylenes
Concen: 260.017 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:106 Resp: 1556649
Ion Ratio Lower Upper
106 100
91 183.3 161.5 242.3

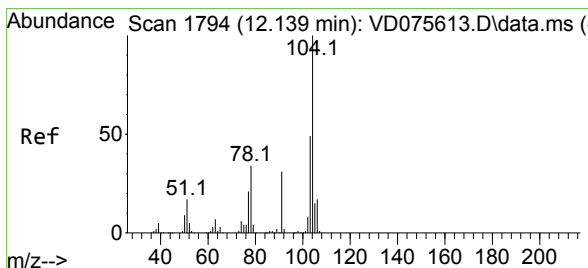
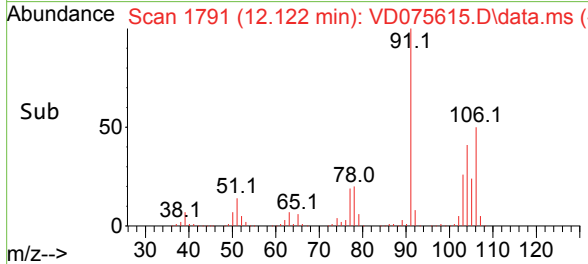
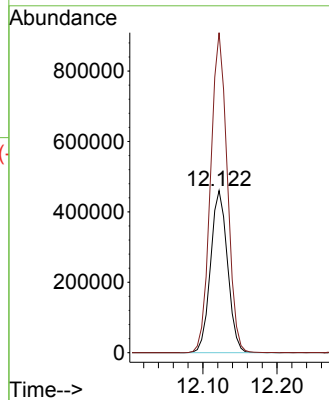
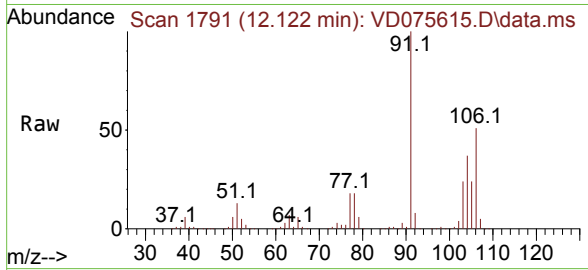




#69
o-Xylene
Concen: 130.825 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

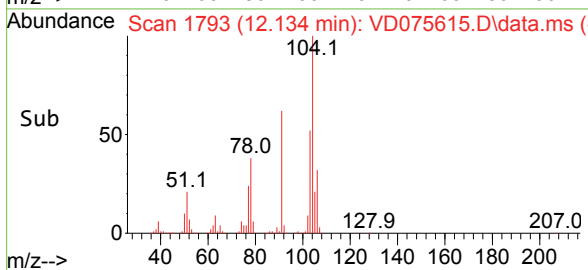
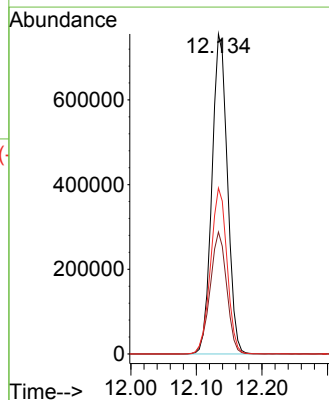
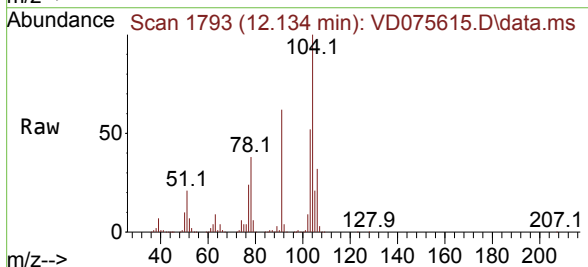
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

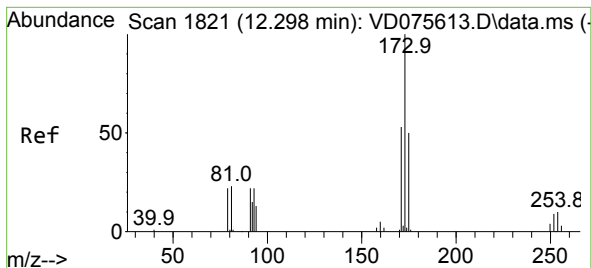
Tgt Ion:106 Resp: 731992
Ion Ratio Lower Upper
106 100
91 194.5 105.7 317.1



#70
Styrene
Concen: 132.362 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:104 Resp: 1236795
Ion Ratio Lower Upper
104 100
78 40.8 40.2 60.4
103 55.2 44.2 66.2





#71

Bromoform

Concen: 133.459 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

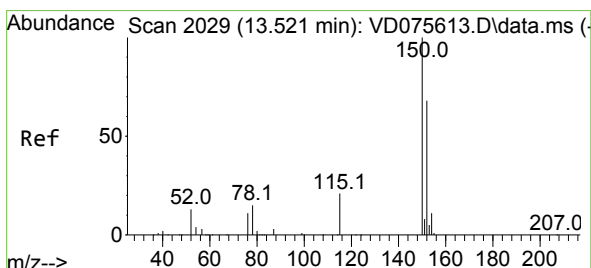
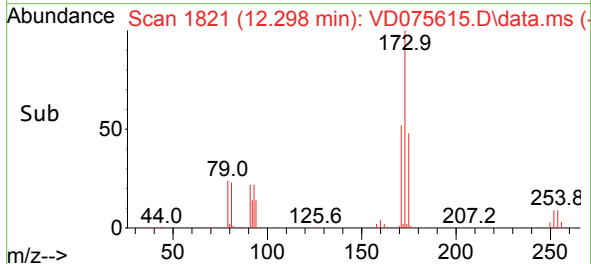
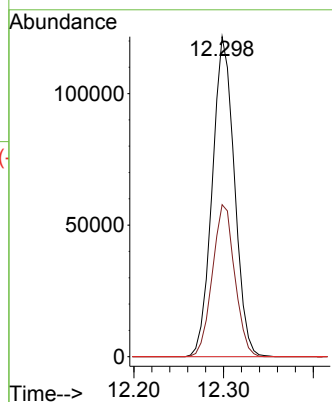
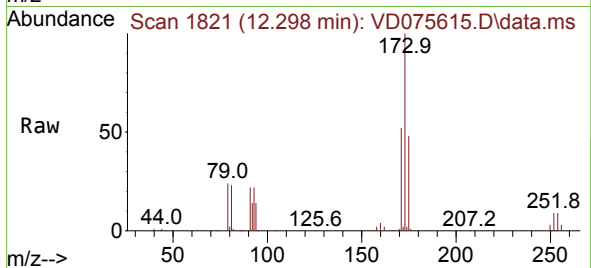
Tgt Ion:173 Resp: 208316

Ion Ratio Lower Upper

173 100

175 48.0 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

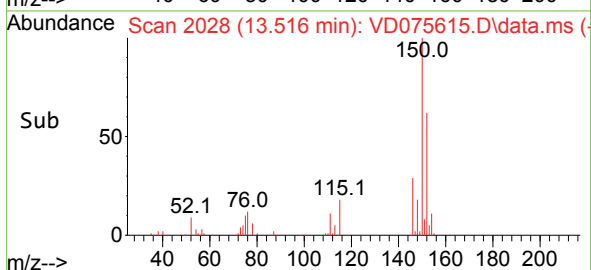
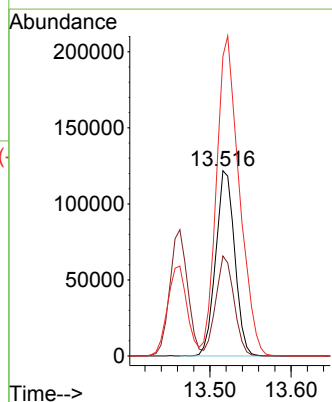
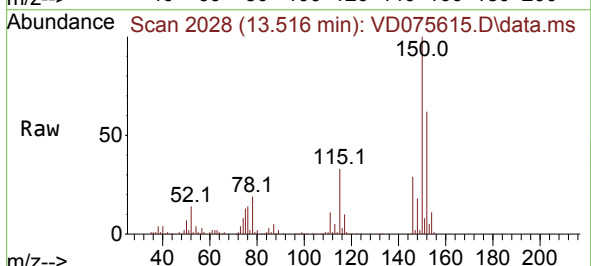
Tgt Ion:152 Resp: 198341

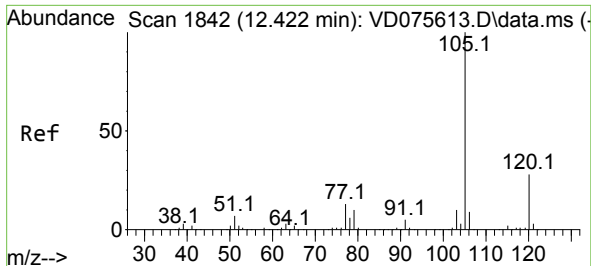
Ion Ratio Lower Upper

152 100

115 51.8 30.1 90.3

150 206.7 0.0 364.8

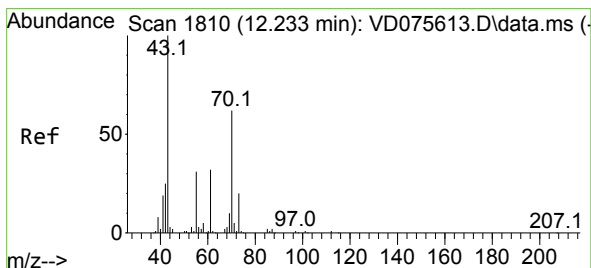
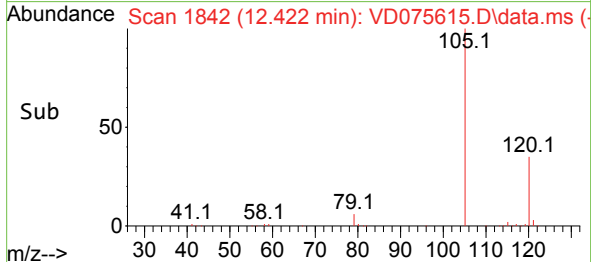
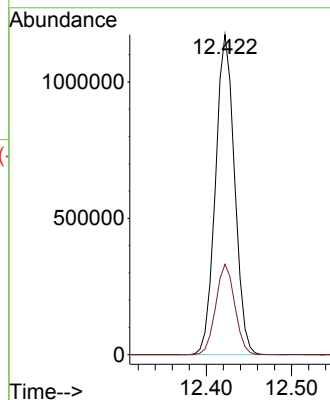
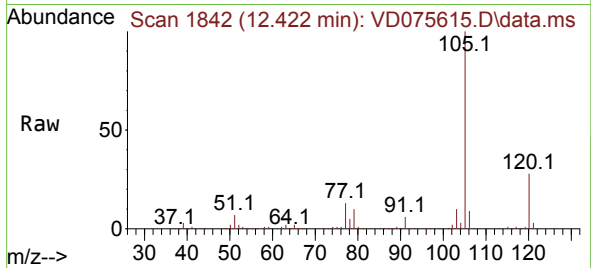




#73
Isopropylbenzene
Concen: 119.264 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

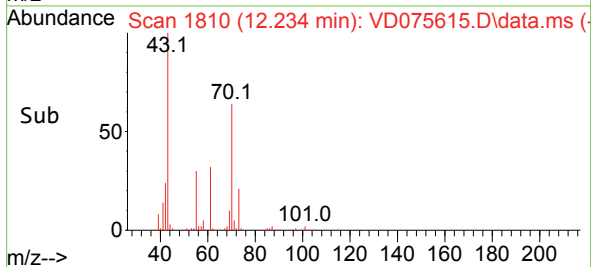
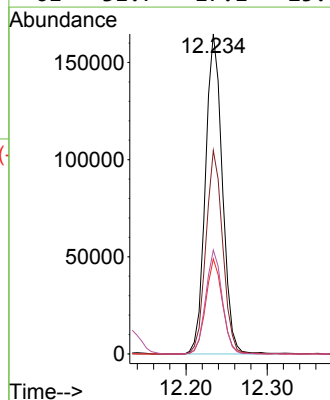
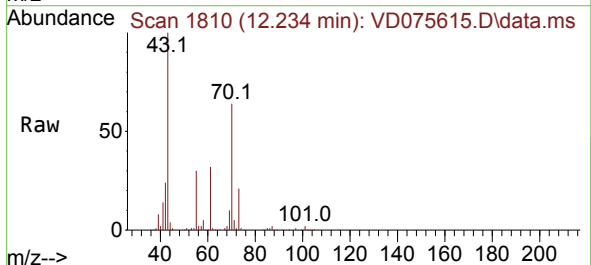
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

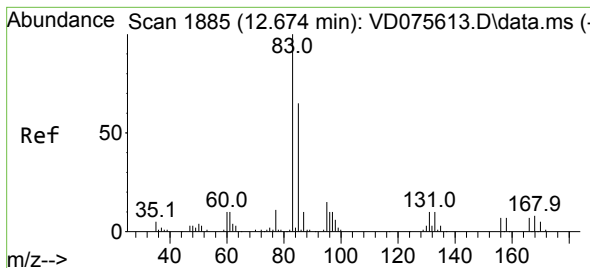
Tgt Ion:105 Resp: 1829324
Ion Ratio Lower Upper
105 100
120 28.2 13.4 40.1



#74
N-ethyl acetate
Concen: 122.640 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 43 Resp: 238133
Ion Ratio Lower Upper
43 100
70 63.1 31.0 46.4#
55 29.4 18.6 28.0#
61 31.7 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 113.749 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

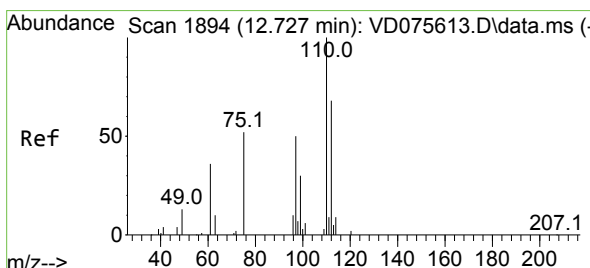
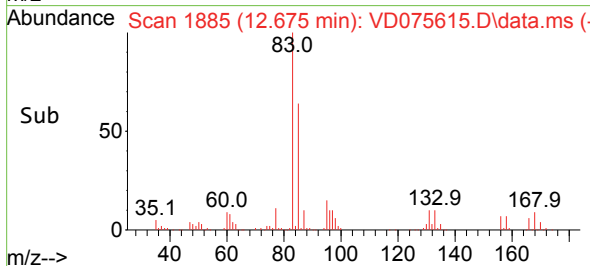
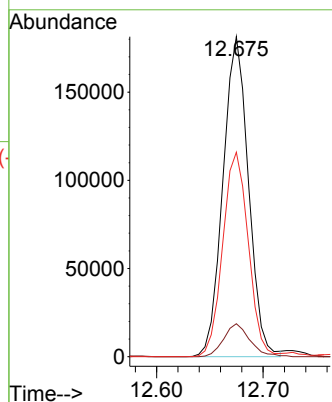
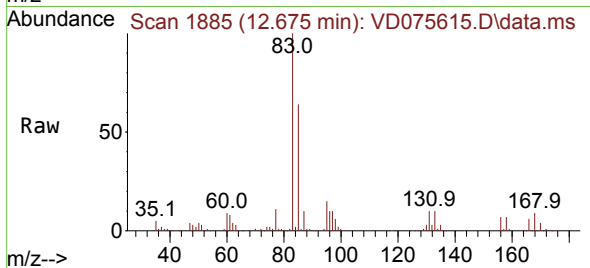
Tgt Ion: 83 Resp: 300983

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

85 64.0 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 212.290 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD075615.D

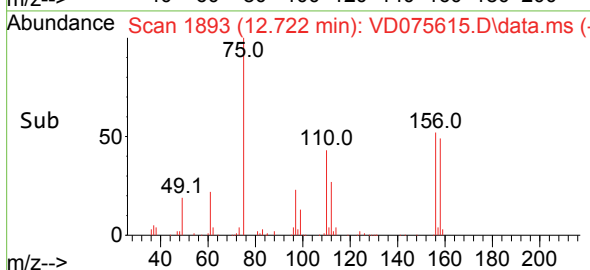
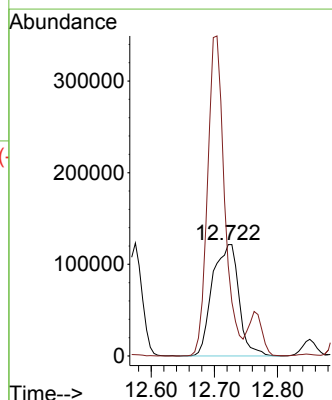
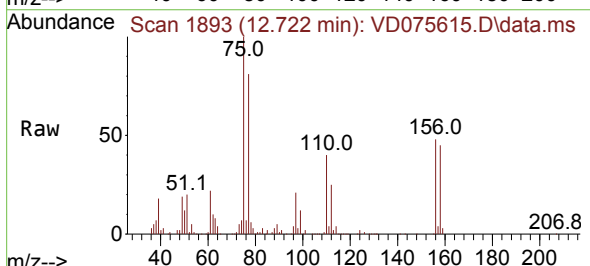
Acq: 10 Apr 2023 19:21

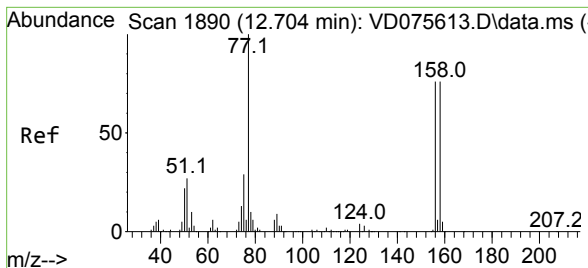
Tgt Ion: 75 Resp: 353859

Ion Ratio Lower Upper

75 100

77 185.7 0.0 0.0#





#77

Bromobenzene

Concen: 122.519 ug/l

RT: 12.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

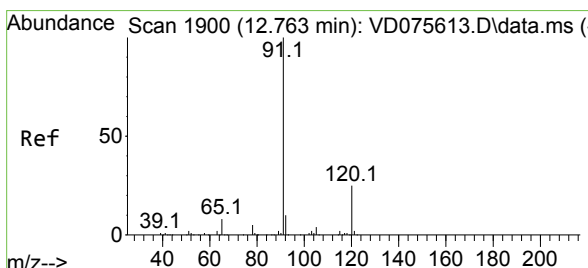
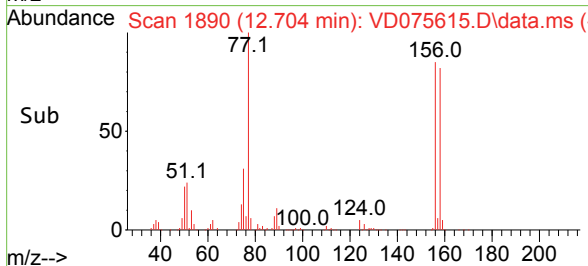
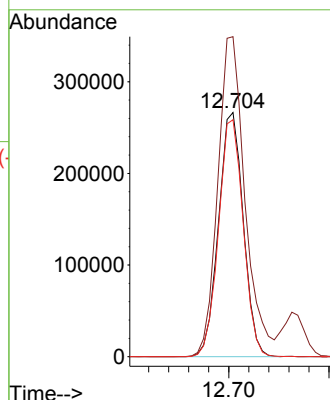
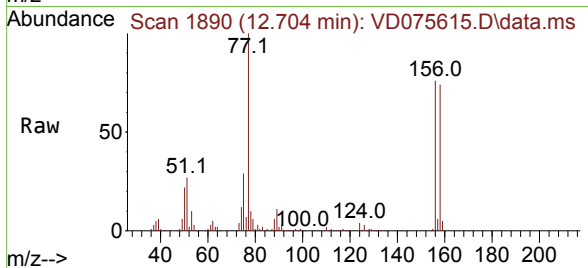
Tgt Ion:156 Resp: 456235

Ion Ratio Lower Upper

156 100

77 144.1 89.5 268.6

158 96.7 47.8 143.4



#78

n-propylbenzene

Concen: 114.309 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD075615.D

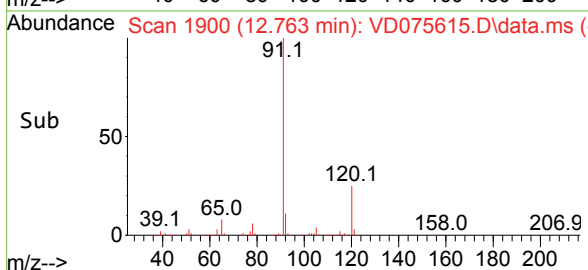
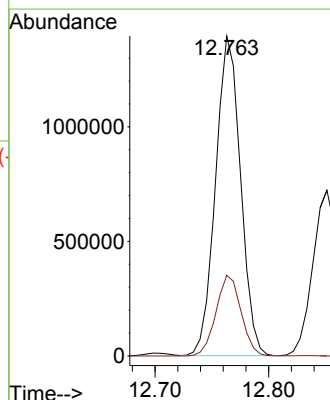
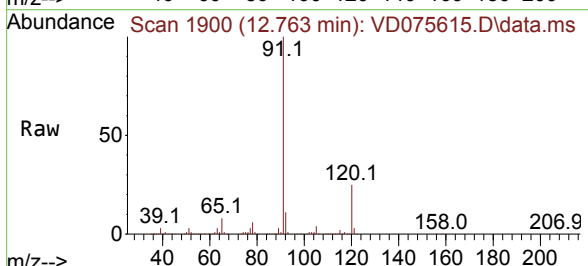
Acq: 10 Apr 2023 19:21

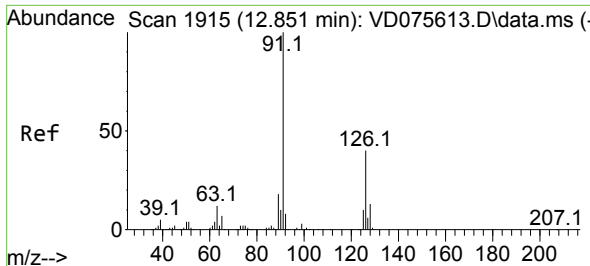
Tgt Ion: 91 Resp: 2132433

Ion Ratio Lower Upper

91 100

120 25.2 11.4 34.2

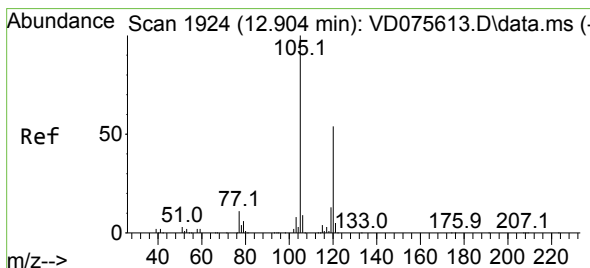
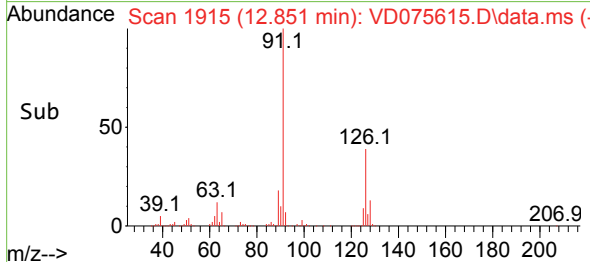
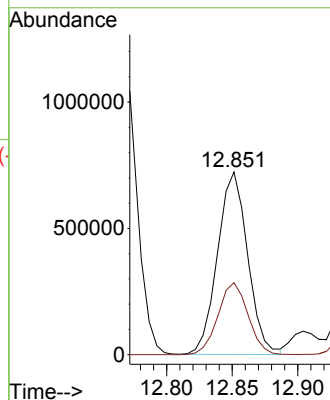
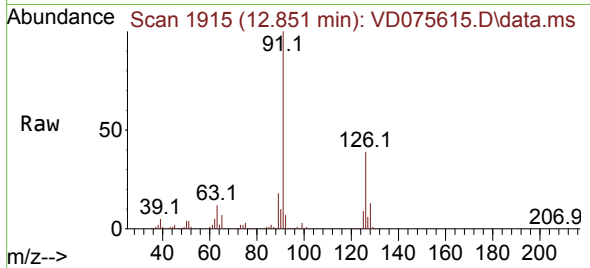




#79
2-Chlorotoluene
Concen: 113.978 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

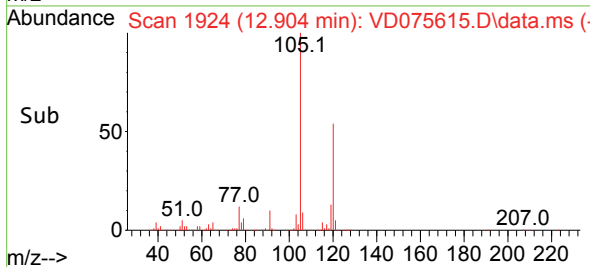
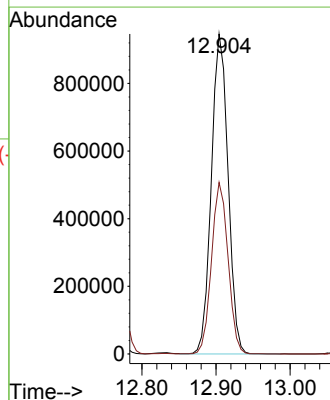
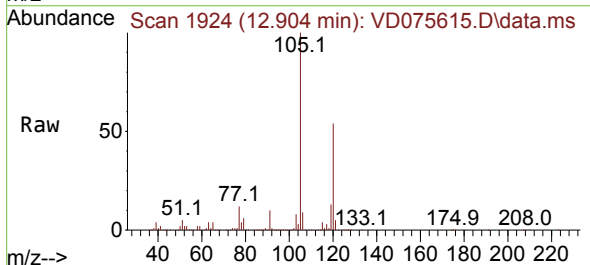
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

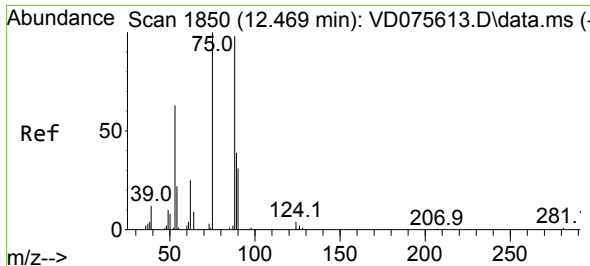
Tgt Ion: 91 Resp: 1156044
Ion Ratio Lower Upper
91 100
126 39.2 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 117.192 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 105 Resp: 1478897
Ion Ratio Lower Upper
105 100
120 53.1 24.3 72.8

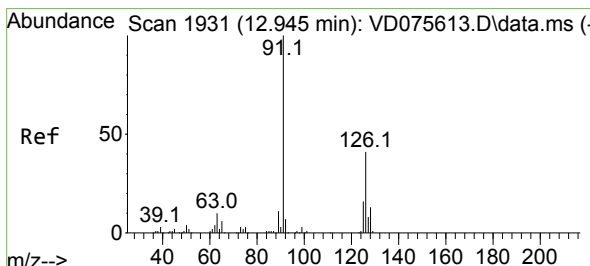
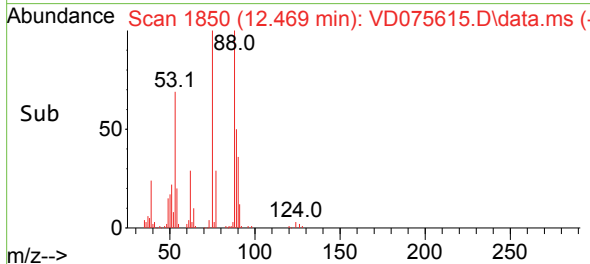
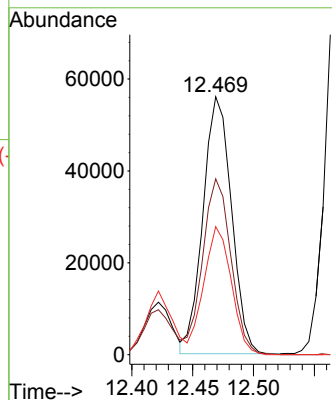
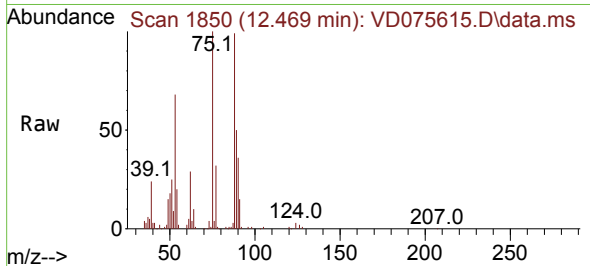




#81
trans-1,4-Dichloro-2-butene
Concen: 119.920 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

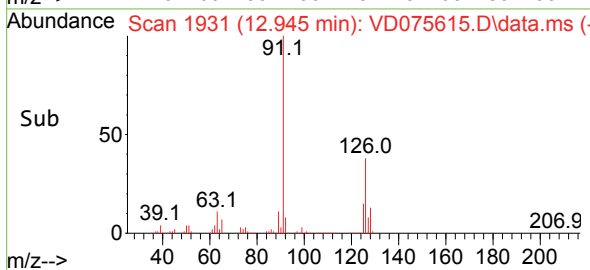
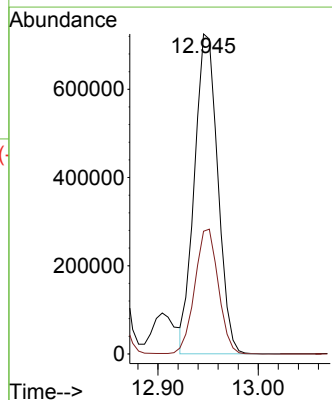
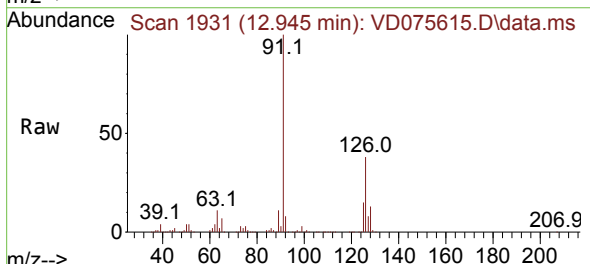
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

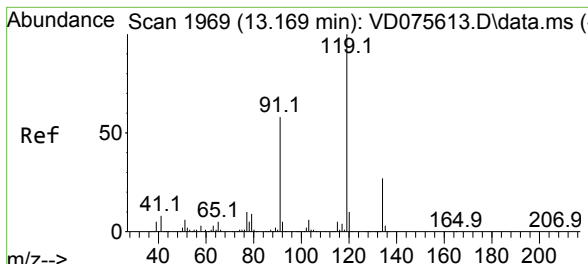
Tgt Ion: 75 Resp: 90928
Ion Ratio Lower Upper
75 100
53 68.6 90.5 135.7#
89 48.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 111.699 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 91 Resp: 1172924
Ion Ratio Lower Upper
91 100
126 39.6 17.1 51.2



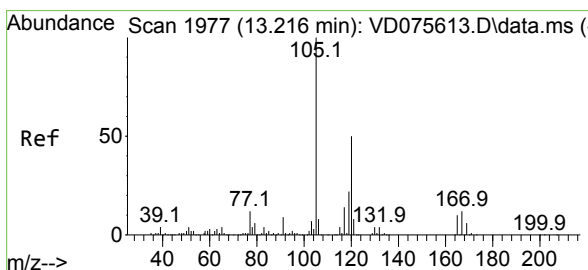
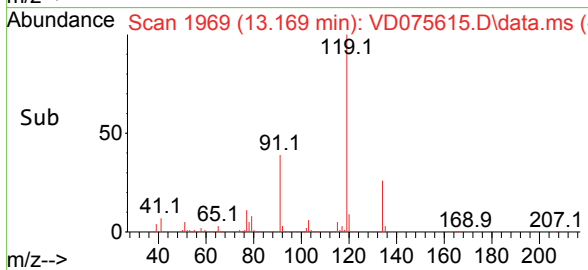
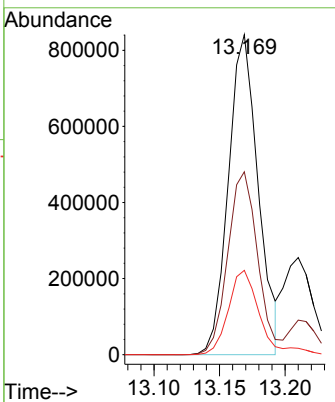
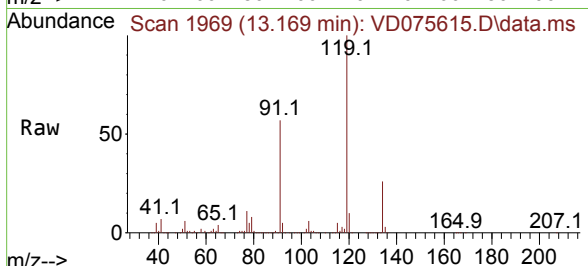


#83
 tert-Butylbenzene
 Concen: 121.429 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 1330236

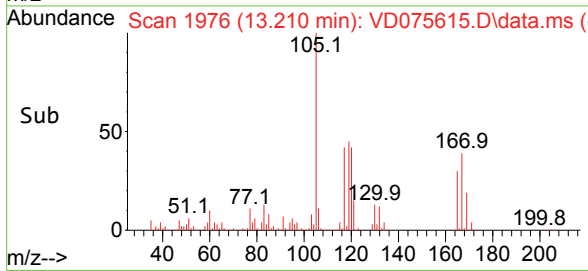
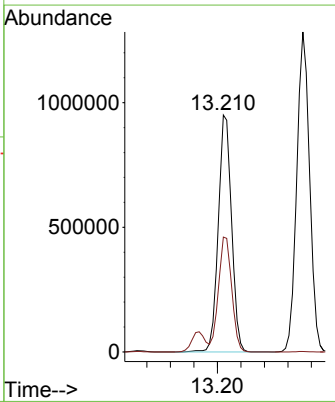
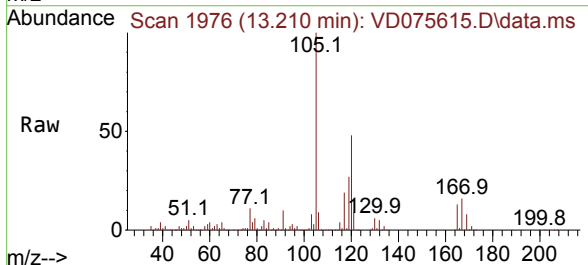
Ion	Ratio	Lower	Upper
119	100		
91	57.7	32.4	97.0
134	27.7	13.0	39.0

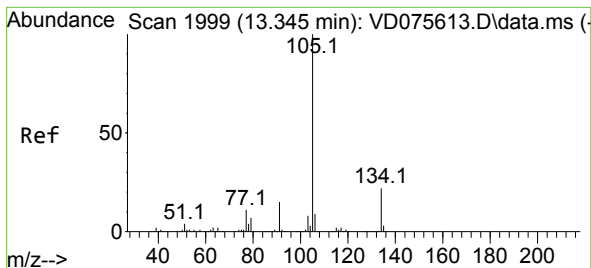


#84
 1,2,4-Trimethylbenzene
 Concen: 121.392 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion:105 Resp: 1485884

Ion	Ratio	Lower	Upper
105	100		
120	48.3	22.3	66.9





#85

sec-Butylbenzene

Concen: 114.909 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

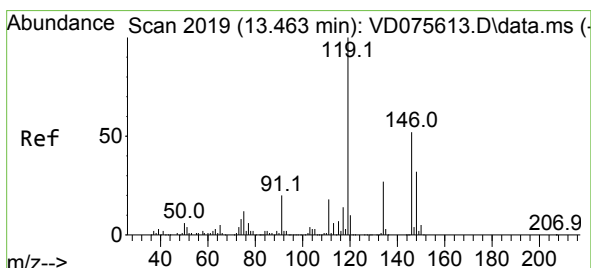
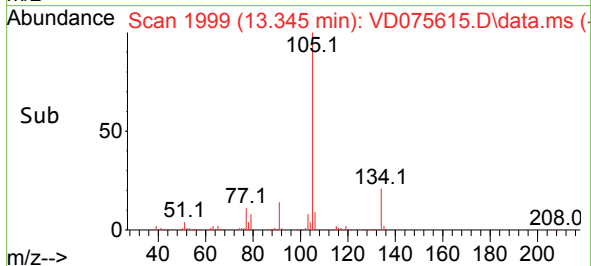
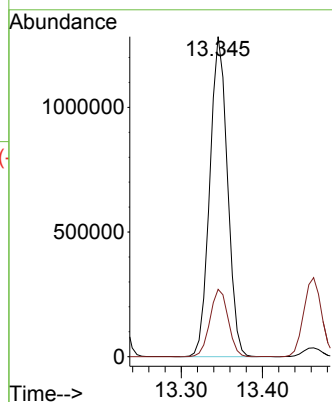
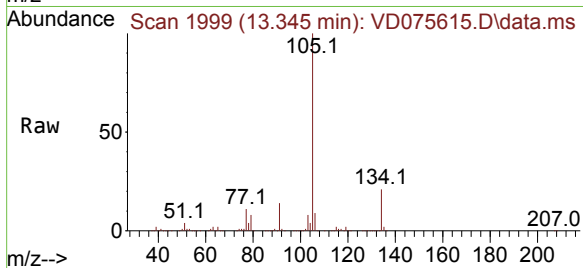
VSTDIC150

Tgt Ion:105 Resp: 1944365

Ion Ratio Lower Upper

105 100

134 21.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 124.757 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

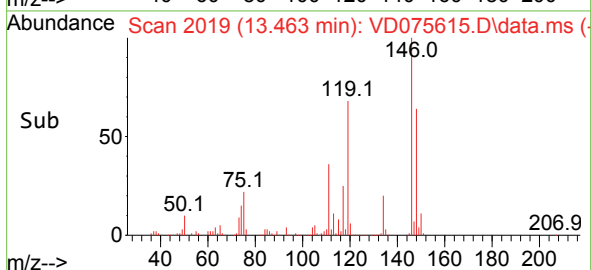
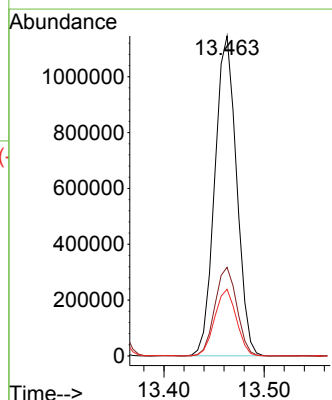
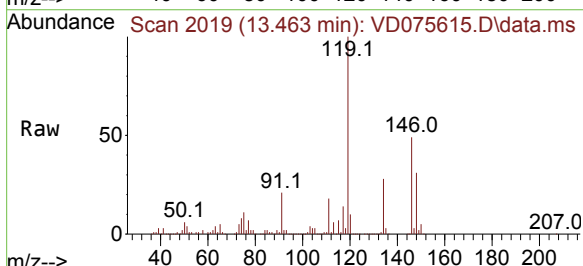
Tgt Ion:119 Resp: 1726759

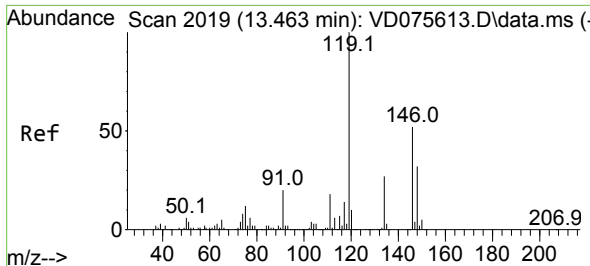
Ion Ratio Lower Upper

119 100

134 28.0 13.1 39.3

91 20.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 124.941 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

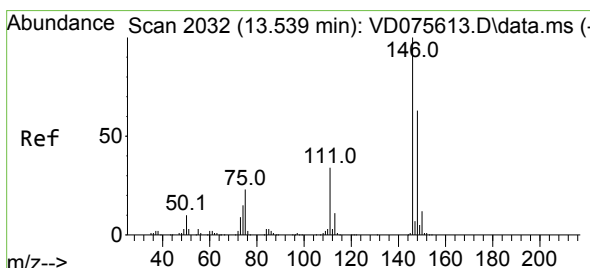
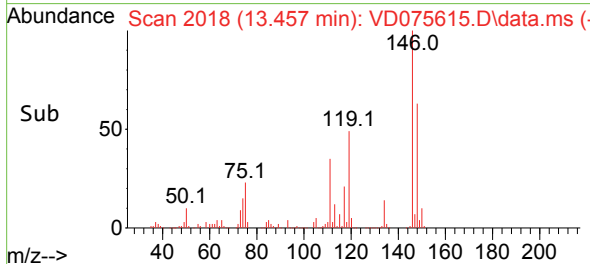
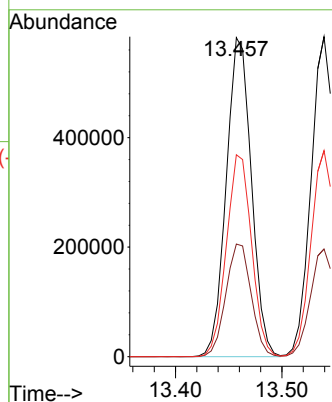
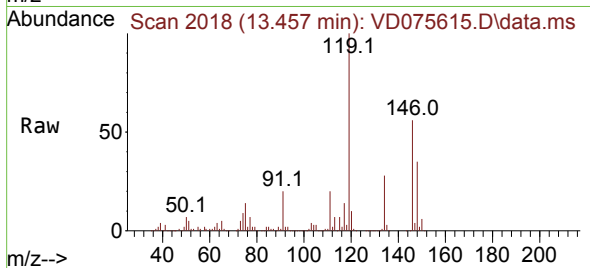
Tgt Ion:146 Resp: 956015

Ion Ratio Lower Upper

146 100

111 35.6 19.8 59.3

148 63.6 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 123.112 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

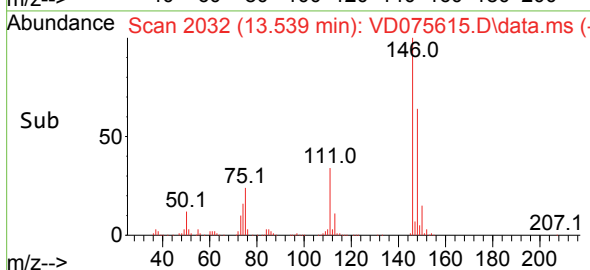
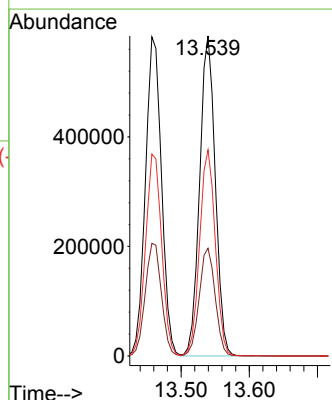
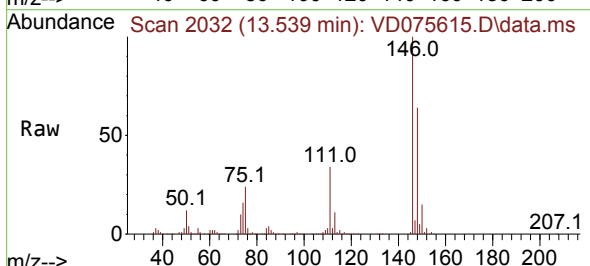
Tgt Ion:146 Resp: 933757

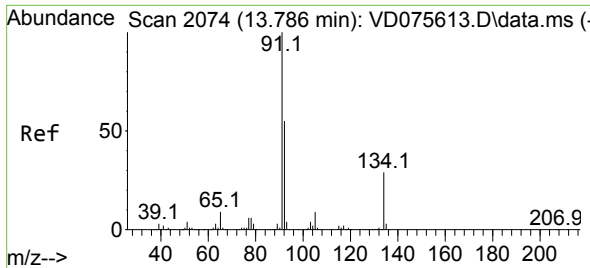
Ion Ratio Lower Upper

146 100

111 34.2 19.6 58.8

148 64.6 31.7 95.1

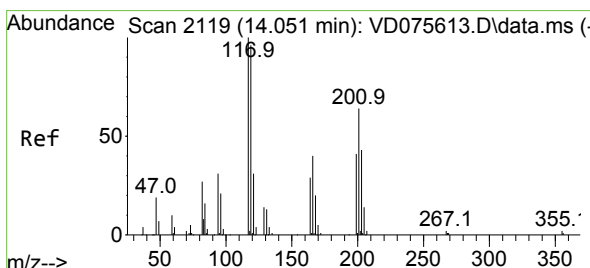
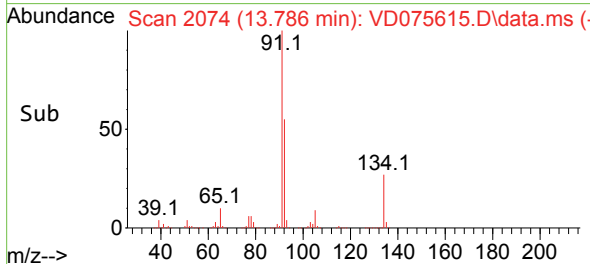
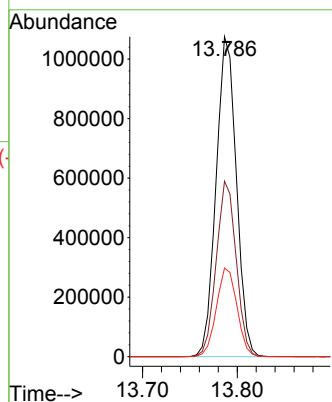
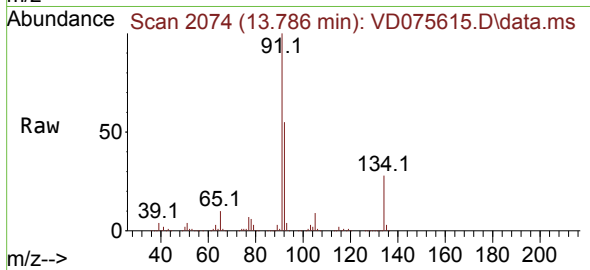




#89
n-Butylbenzene
Concen: 126.655 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

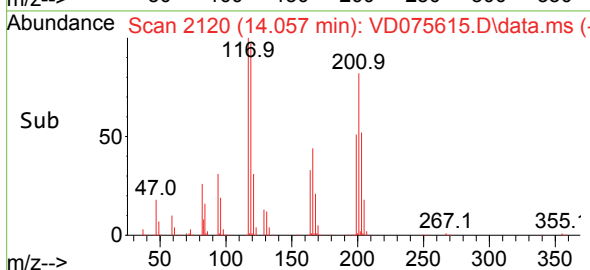
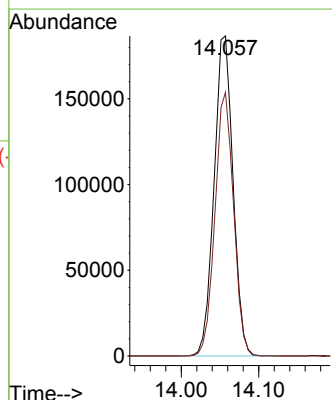
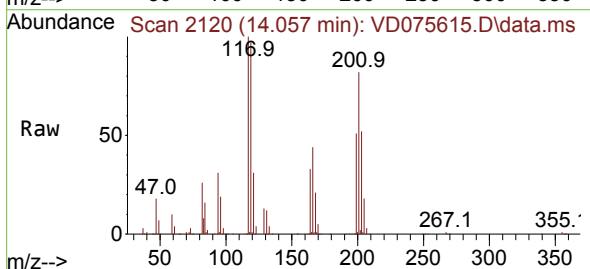
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

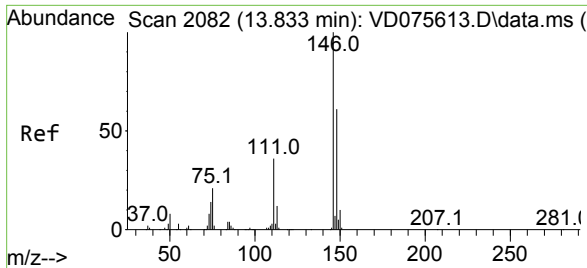
Tgt Ion: 91 Resp: 1602827
Ion Ratio Lower Upper
91 100
92 54.0 26.2 78.5
134 28.2 12.7 38.0



#90
Hexachloroethane
Concen: 119.851 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 117 Resp: 316938
Ion Ratio Lower Upper
117 100
201 81.0 34.5 103.6

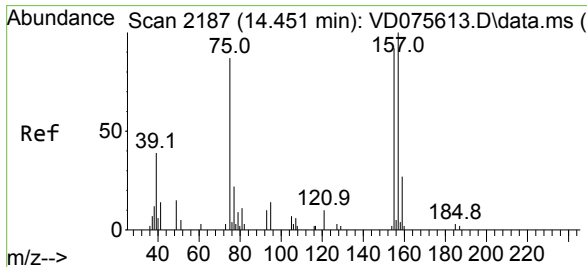
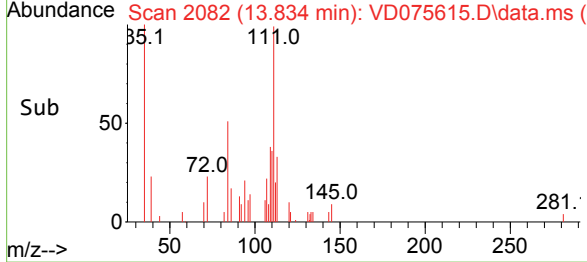
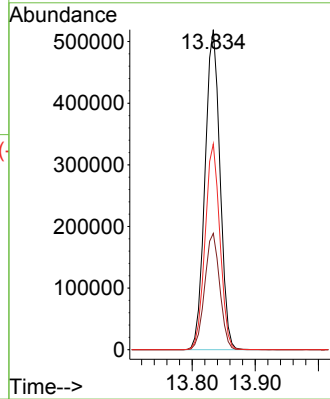
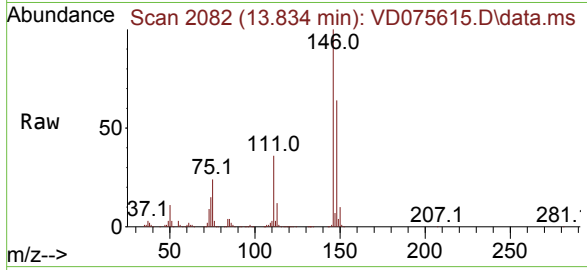




#91
 1,2-Dichlorobenzene
 Concen: 131.914 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

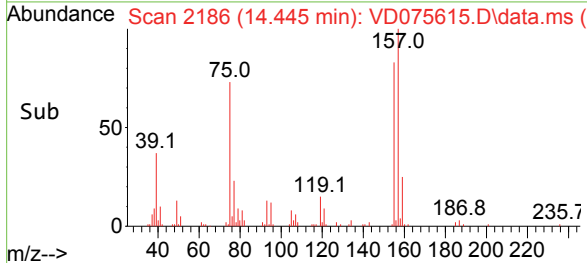
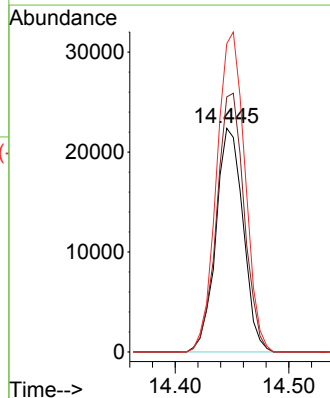
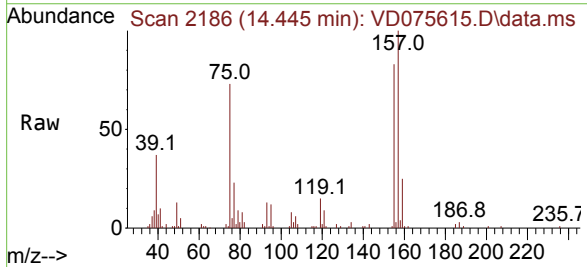
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

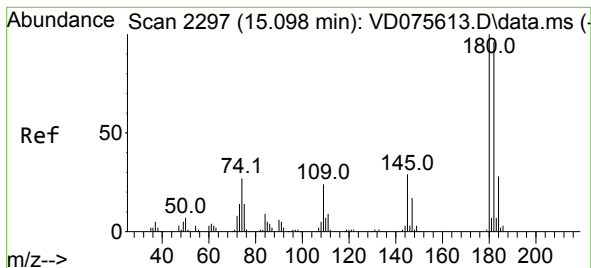
Tgt Ion:146 Resp: 854877
 Ion Ratio Lower Upper
 146 100
 111 36.5 20.6 61.8
 148 63.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.231 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion: 75 Resp: 37360
 Ion Ratio Lower Upper
 75 100
 155 116.2 39.5 118.5
 157 148.0 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 128.695 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

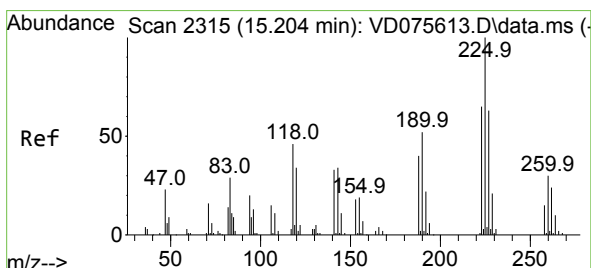
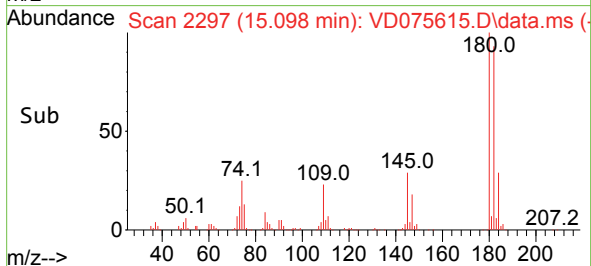
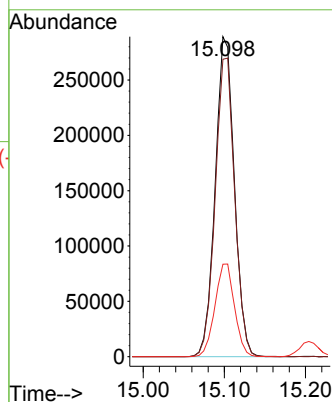
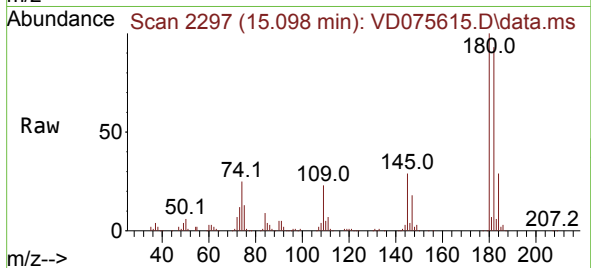
Tgt Ion:180 Resp: 474323

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 29.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 123.972 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

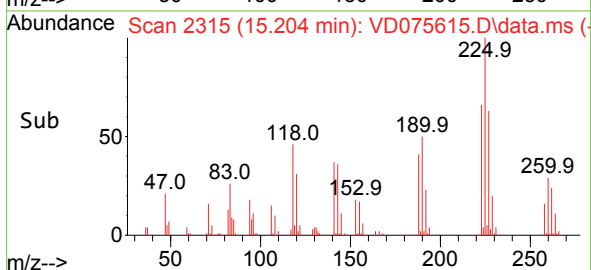
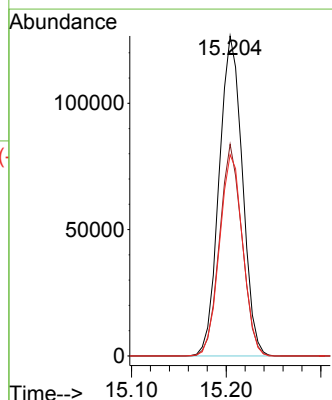
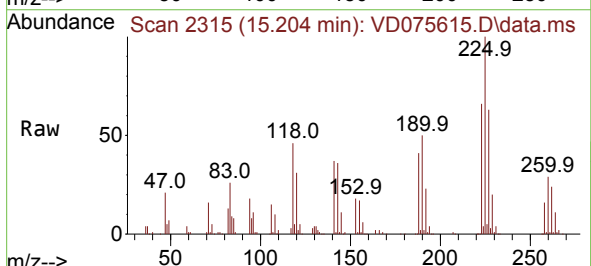
Tgt Ion:225 Resp: 216376

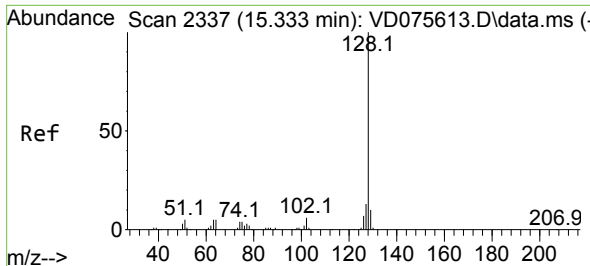
Ion Ratio Lower Upper

225 100

223 63.9 33.1 99.2

227 62.7 31.9 95.9

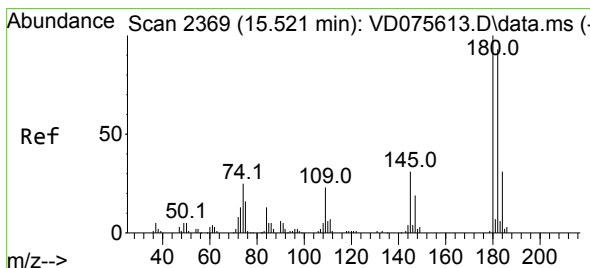
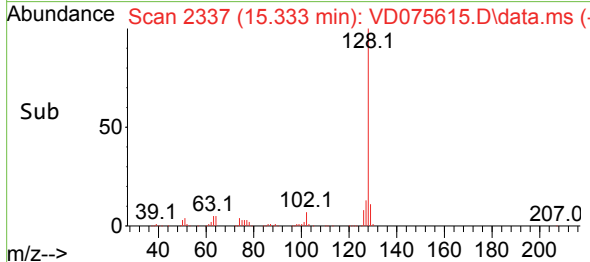
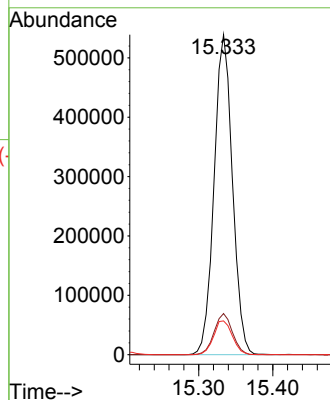
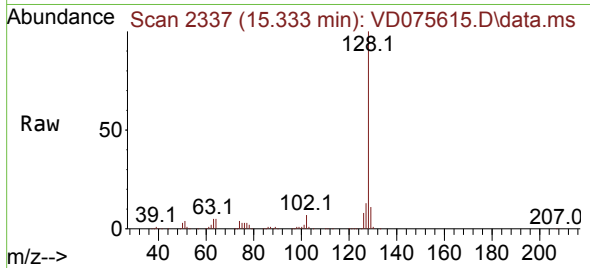




#95
Naphthalene
Concen: 136.874 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:	128	Resp:	926420
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 127.571 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:	180	Resp:	406755
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.7	143.1
145	31.1	16.4	49.4

