

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075025.D
 Acq On : 15 Dec 2022 13:41
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 16 05:02:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:00:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	155884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	273471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28044	21.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	43.680%#
35) Dibromofluoromethane	7.805	113	35489	19.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.480%#
50) Toluene-d8	10.269	98	131837	20.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	40.020%#
62) 4-Bromofluorobenzene	12.575	95	38224	19.781	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.560%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	24766	24.710	ug/l	99
3) Chloromethane	2.146	50	41163	25.046	ug/l	97
4) Vinyl Chloride	2.281	62	49657	24.611	ug/l	99
5) Bromomethane	2.675	94	38050	22.868	ug/l	97
6) Chloroethane	2.834	64	35609	23.762	ug/l	98
7) Trichlorofluoromethane	3.175	101	58816	23.627	ug/l	100
8) Diethyl Ether	3.593	74	15766	21.397	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	36778	22.479	ug/l	97
10) Methyl Iodide	4.164	142	38981	22.000	ug/l	99
11) Tert butyl alcohol	5.052	59	9442	115.372	ug/l	98
12) 1,1-Dichloroethene	3.946	96	35101	22.861	ug/l	97
13) Acrolein	3.799	56	18018	112.399	ug/l	99
14) Allyl chloride	4.558	41	40052	22.745	ug/l	96
15) Acrylonitrile	5.252	53	34099	110.220	ug/l	99
16) Acetone	4.028	43	30112	96.987	ug/l	96
17) Carbon Disulfide	4.275	76	91618	25.887	ug/l	99
18) Methyl Acetate	4.564	43	19424	22.522	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	69602	21.213	ug/l	97
20) Methylene Chloride	4.805	84	65569	19.320	ug/l	99
21) trans-1,2-Dichloroethene	5.317	96	39089	22.917	ug/l	92
22) Diisopropyl ether	6.222	45	87148	21.964	ug/l	99
23) Vinyl Acetate	6.164	43	126743	91.225	ug/l	97
24) 1,1-Dichloroethane	6.122	63	64243	22.206	ug/l	99
25) 2-Butanone	7.087	43	40097	104.648	ug/l	96
26) 2,2-Dichloropropane	7.075	77	56593	21.459	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	44736	22.150	ug/l	99
28) Bromochloromethane	7.422	49	20954	23.361	ug/l	99
29) Tetrahydrofuran	7.446	42	21972	110.878	ug/l	99
30) Chloroform	7.599	83	69590	23.160	ug/l	95
31) Cyclohexane	7.881	56	42904	21.728	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	58756	23.069	ug/l	98
36) 1,1-Dichloropropene	8.011	75	42676	20.548	ug/l	99
37) Ethyl Acetate	7.175	43	17817	21.620	ug/l	98
38) Carbon Tetrachloride	7.993	117	37362	19.889	ug/l	91
39) Methylcyclohexane	9.275	83	49025	21.656	ug/l	96
40) Benzene	8.252	78	127696	20.790	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	8649	19.001	ug/l	95
42) 1,2-Dichloroethane	8.328	62	31075	20.520	ug/l	100
43) Isopropyl Acetate	8.363	43	27175	19.650	ug/l	98
44) Trichloroethene	9.028	130	35710	20.766	ug/l	98
45) 1,2-Dichloropropane	9.305	63	31269	20.390	ug/l	91
46) Dibromomethane	9.399	93	16988	20.189	ug/l	98
47) Bromodichloromethane	9.587	83	43162	20.126	ug/l	98
48) Methyl methacrylate	9.387	41	13087	20.311	ug/l	96
49) 1,4-Dioxane	9.387	88	3354	405.327	ug/l	93
51) 4-Methyl-2-Pentanone	10.163	43	71469	99.216	ug/l	98
52) Toluene	10.334	92	83264	20.635	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	36139	19.344	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	47153	20.334	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	24864	20.510	ug/l	94
56) Ethyl methacrylate	10.599	69	26516	19.825	ug/l	97
57) 1,3-Dichloropropane	10.881	76	39999	20.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	41413	94.534	ug/l	99
59) 2-Hexanone	10.922	43	49563	95.548	ug/l	99
60) Dibromochloromethane	11.075	129	28914	20.379	ug/l	98
61) 1,2-Dibromoethane	11.181	107	22606	20.512	ug/l	97
64) Tetrachloroethene	10.810	164	30341	20.739	ug/l	97
65) Chlorobenzene	11.610	112	90143	20.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	31596	19.709	ug/l	97
67) Ethyl Benzene	11.687	91	154227	19.805	ug/l	97
68) m/p-Xylenes	11.793	106	125262	41.136	ug/l	99
69) o-Xylene	12.122	106	56815	19.837	ug/l	100
70) Styrene	12.134	104	100365	20.264	ug/l	99
71) Bromoform	12.299	173	15482	18.940	ug/l #	96
73) Isopropylbenzene	12.422	105	154058	20.177	ug/l	99
74) N-amyl acetate	12.234	43	25795	19.817	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	28680	20.583	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	31949	21.682	ug/l #	100
77) Bromobenzene	12.704	156	34546	19.866	ug/l	97
78) n-propylbenzene	12.763	91	190854	20.448	ug/l	100
79) 2-Chlorotoluene	12.851	91	102138	19.866	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	130691	20.619	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7194	19.820	ug/l	96
82) 4-Chlorotoluene	12.946	91	107991	20.291	ug/l	98
83) tert-Butylbenzene	13.169	119	109754	20.062	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	128876	20.515	ug/l	99
85) sec-Butylbenzene	13.345	105	172217	20.185	ug/l	99
86) p-Isopropyltoluene	13.463	119	141292	20.051	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	73174	19.832	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	72998	20.125	ug/l	99
89) n-Butylbenzene	13.793	91	131809	19.944	ug/l	99
90) Hexachloroethane	14.057	117	25254	19.936	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	62980	19.903	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3771	20.315	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	37211	19.483	ug/l	96
94) Hexachlorobutadiene	15.204	225	19937	19.669	ug/l	99
95) Naphthalene	15.334	128	67174	18.874	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	31933	19.106	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Dec 16 05:00:18 2022
Response via : Initial Calibration

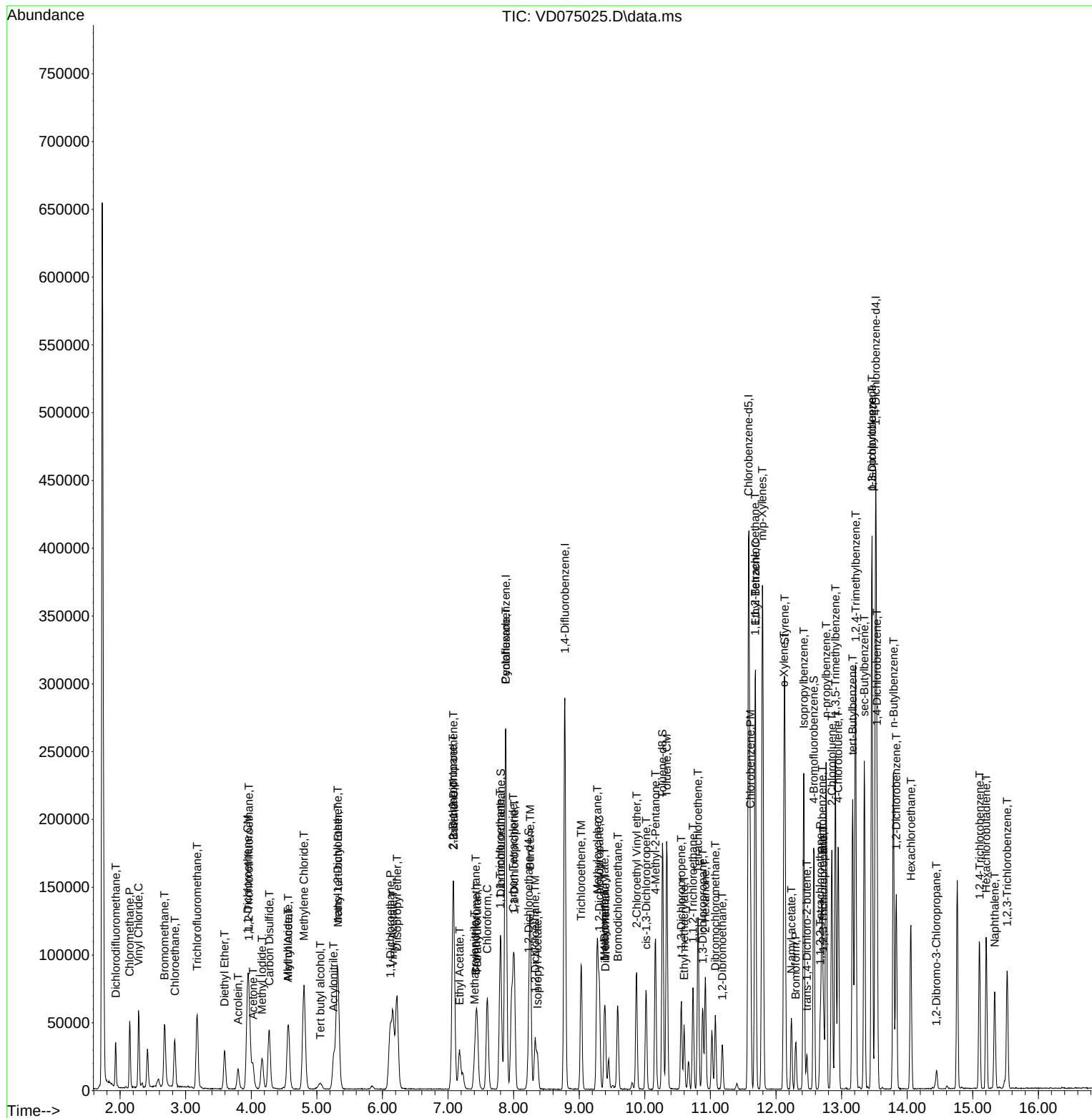
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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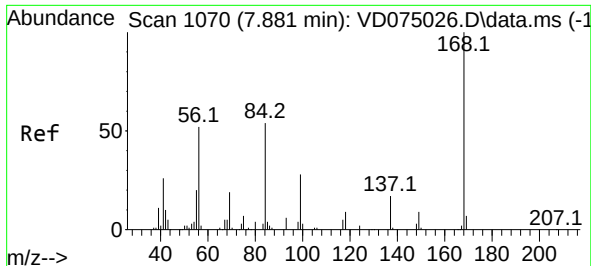
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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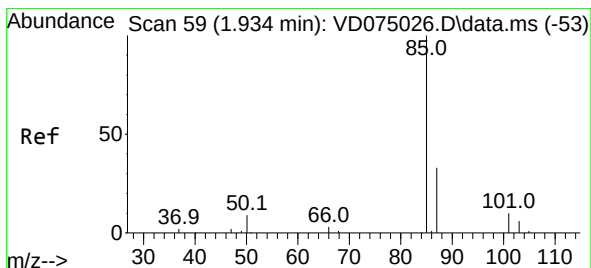
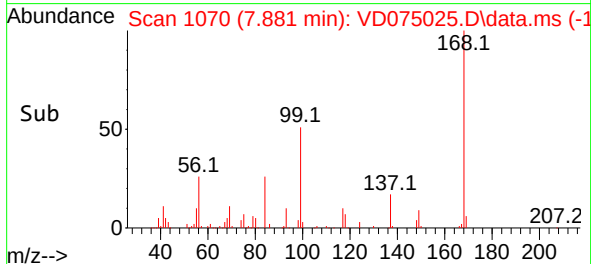
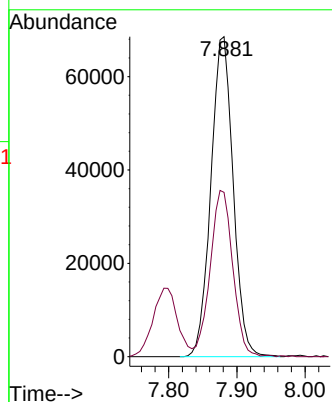
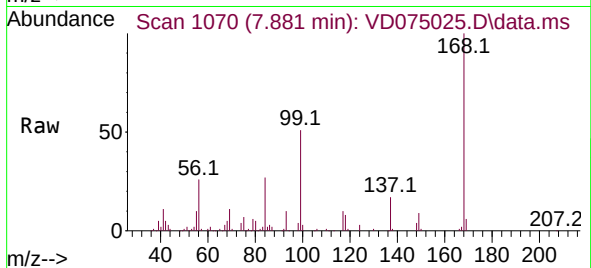




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075025.D
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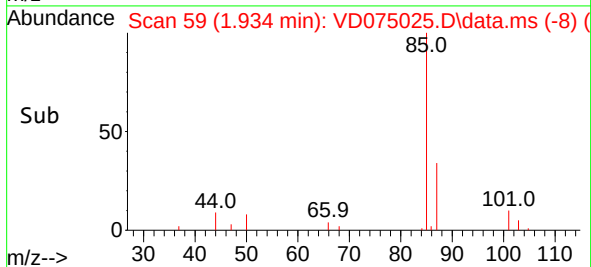
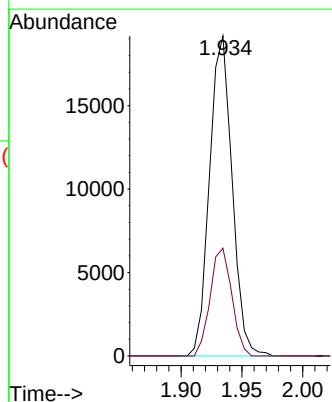
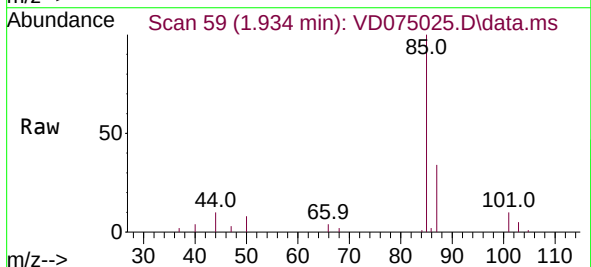
Instrument :
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VSTDIC020

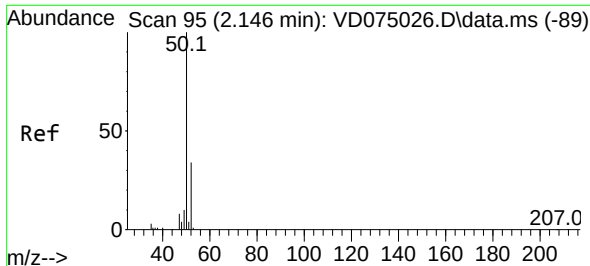
Tgt Ion:168 Resp: 155884
Ion Ratio Lower Upper
168 100
99 51.0 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 24.710 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 85 Resp: 24766
Ion Ratio Lower Upper
85 100
87 33.7 16.5 49.5

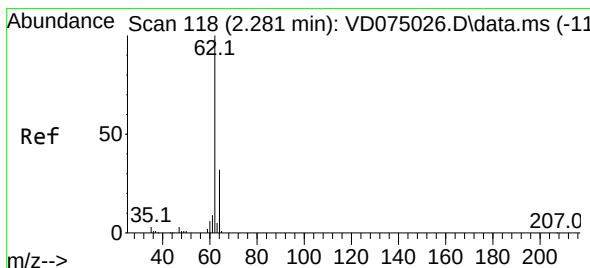
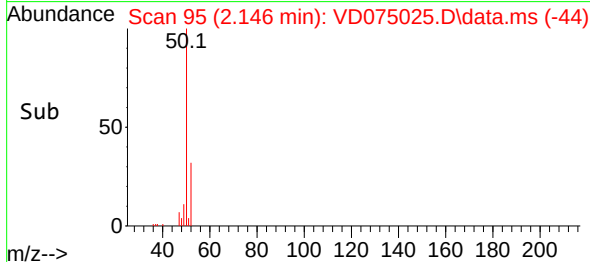
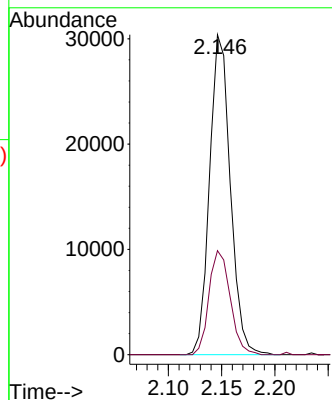
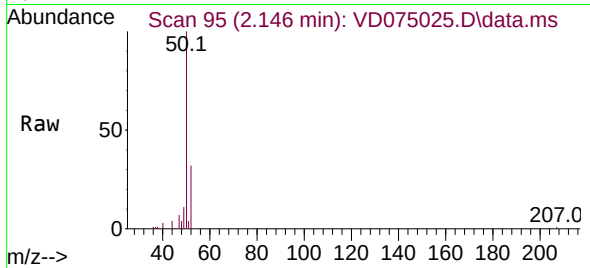




#3
Chloromethane
Concen: 25.046 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

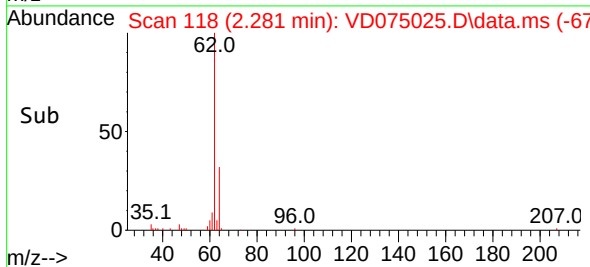
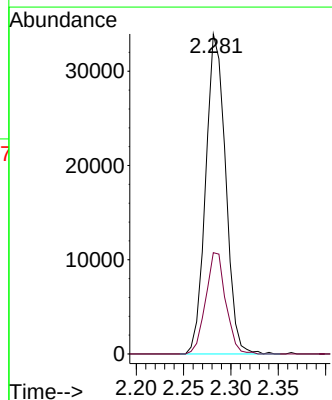
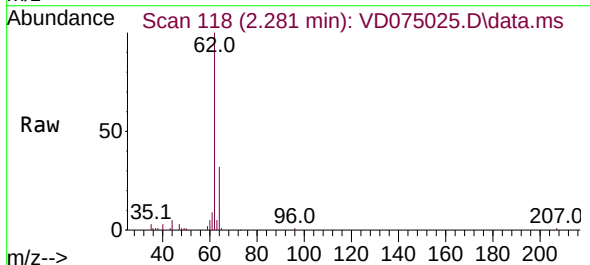
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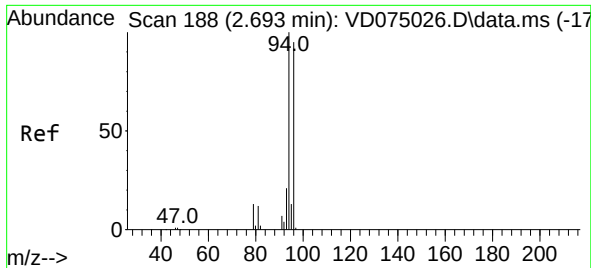
Tgt Ion: 50 Resp: 41163
Ion Ratio Lower Upper
50 100
52 32.5 27.2 40.8



#4
Vinyl Chloride
Concen: 24.611 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 62 Resp: 49657
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6

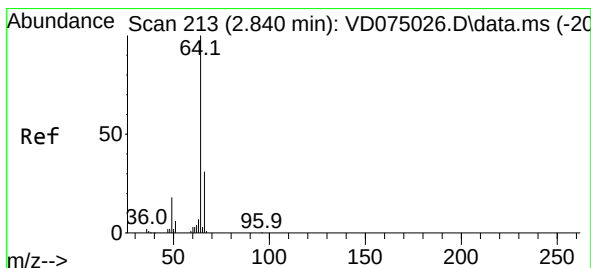
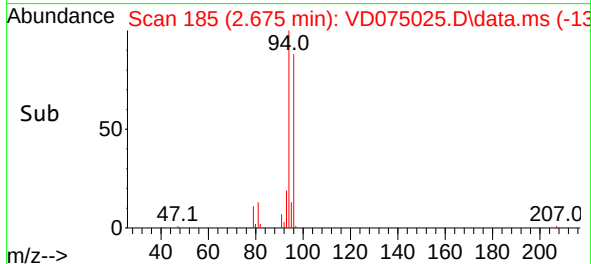
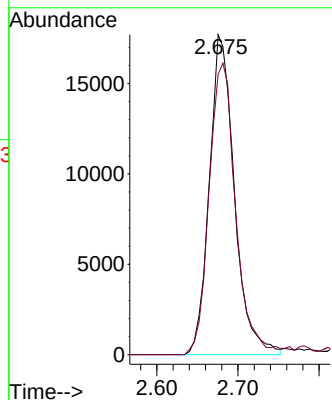
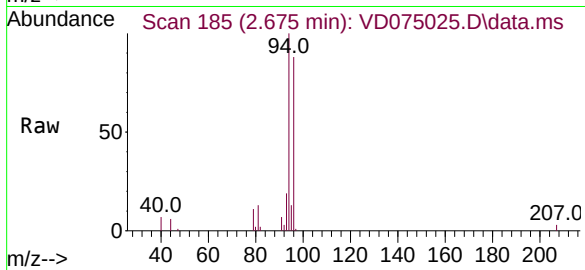




#5
Bromomethane
Concen: 22.868 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075025.D
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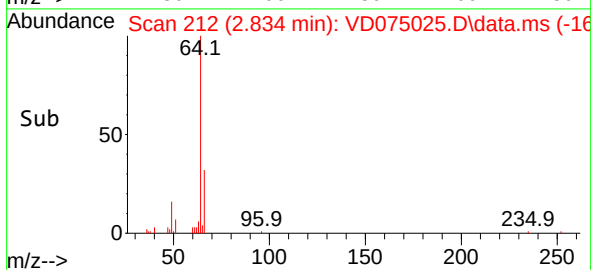
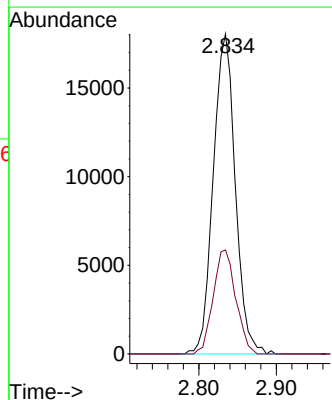
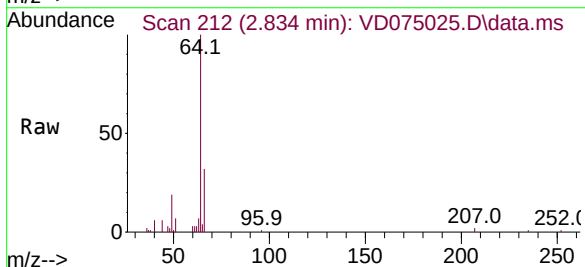
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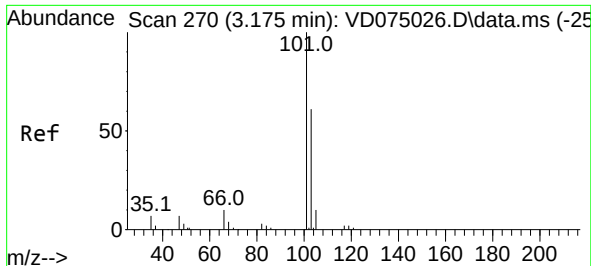
Tgt Ion: 94 Resp: 38050
Ion Ratio Lower Upper
94 100
96 96.4 75.2 112.8



#6
Chloroethane
Concen: 23.762 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 64 Resp: 35609
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7

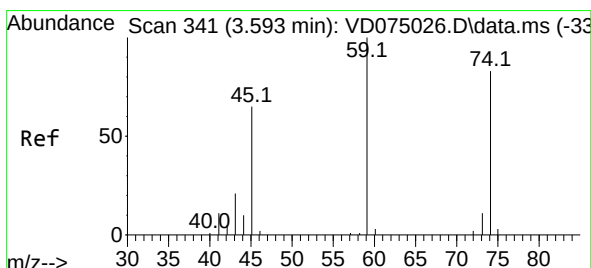
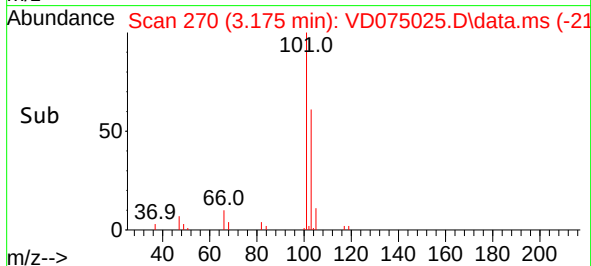
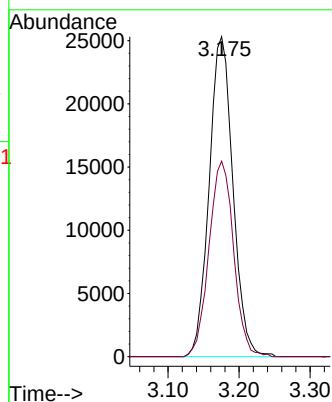
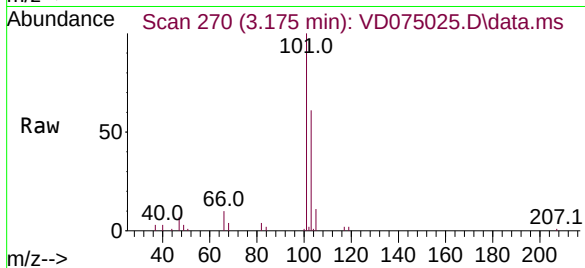




#7
 Trichlorofluoromethane
 Concen: 23.627 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075025.D
 Acq: 15 Dec 2022 13:41

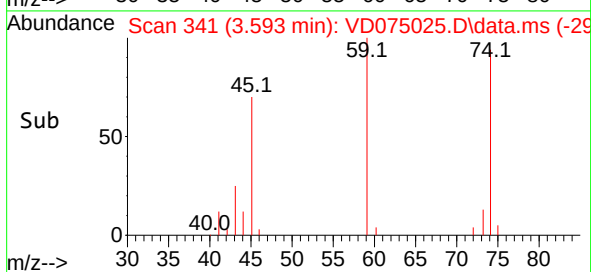
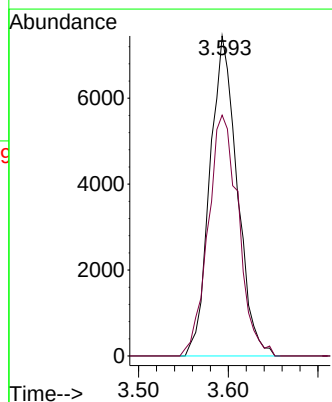
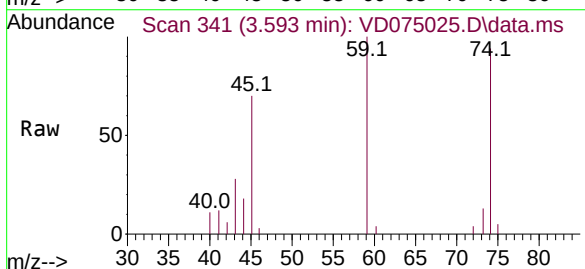
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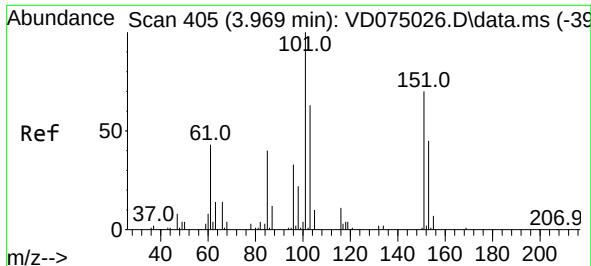
Tgt Ion:101 Resp: 58816
 Ion Ratio Lower Upper
 101 100
 103 61.1 49.1 73.7



#8
 Diethyl Ether
 Concen: 21.397 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 15766
 Ion Ratio Lower Upper
 74 100
 45 83.7 40.2 120.5

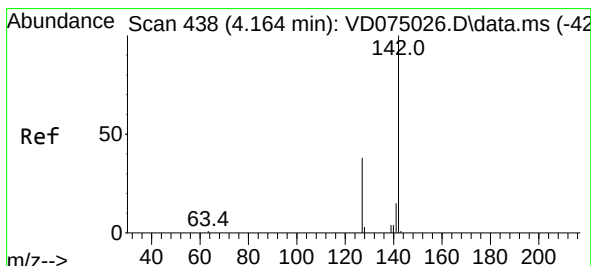
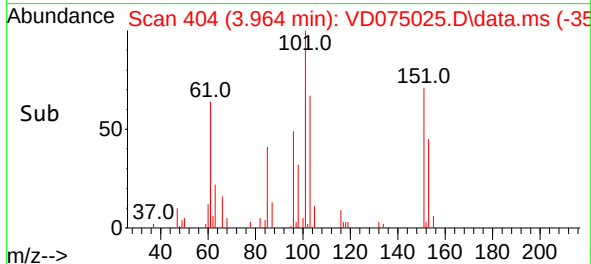
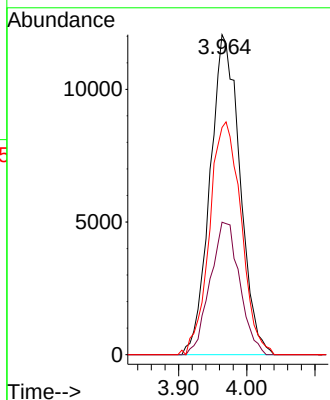
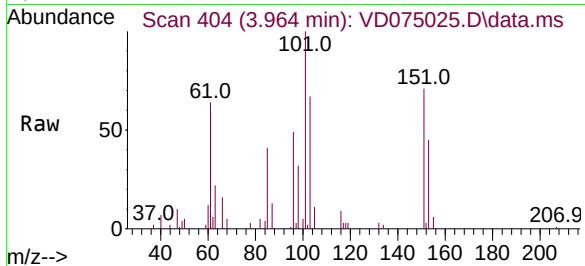




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.479 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

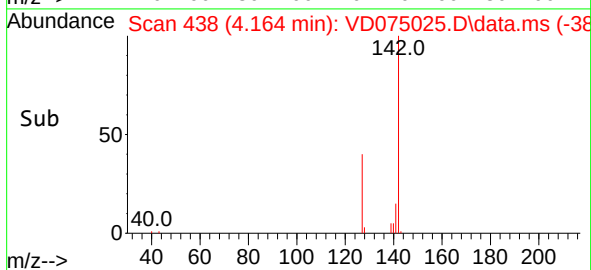
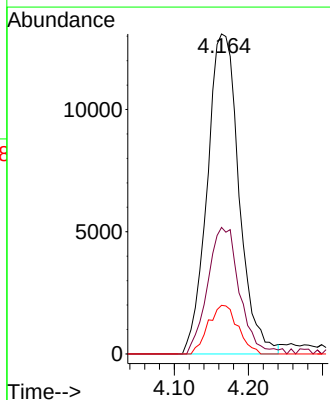
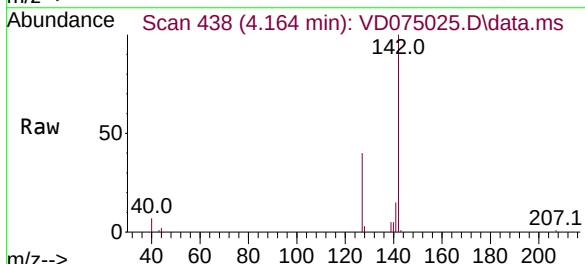
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

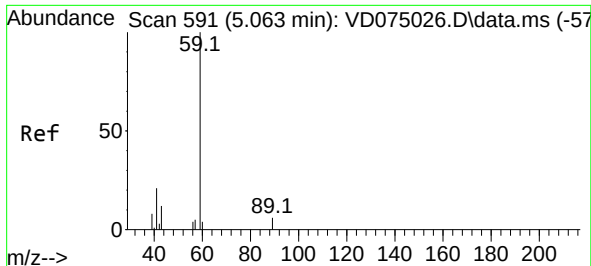
Tgt Ion:101 Resp: 36778
Ion Ratio Lower Upper
101 100
85 40.8 33.4 50.0
151 76.9 58.9 88.3



#10
Methyl Iodide
Concen: 22.000 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion:142 Resp: 38981
Ion Ratio Lower Upper
142 100
127 39.7 31.4 47.2
141 14.2 11.4 17.2

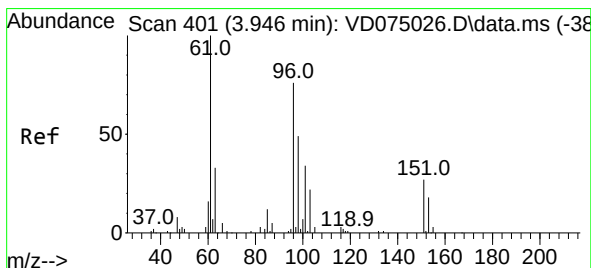
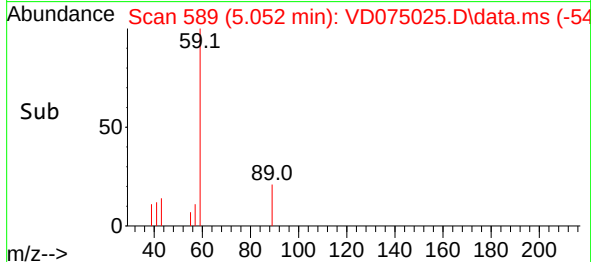
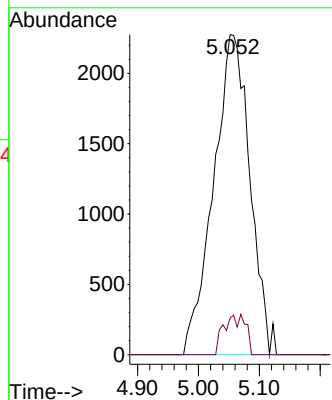
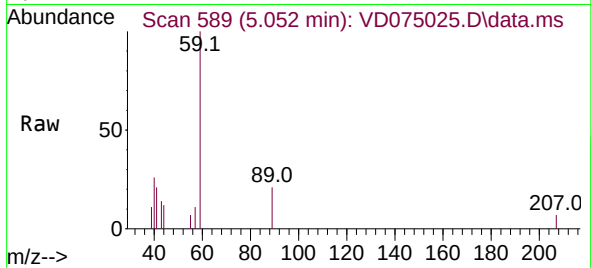




#11
Tert butyl alcohol
Concen: 115.372 ug/l
RT: 5.052 min Scan# 591
Delta R.T. -0.012 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

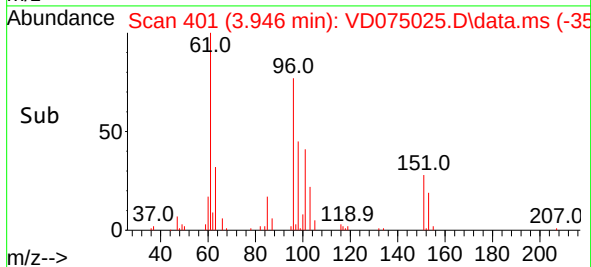
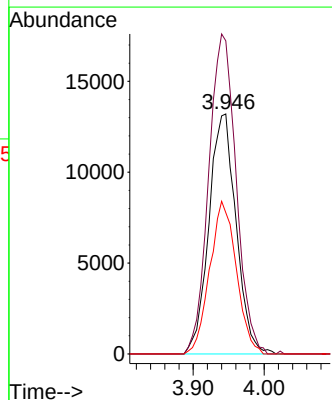
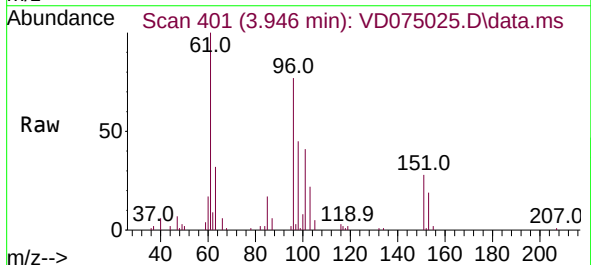
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

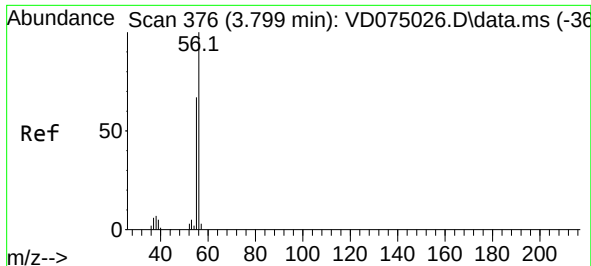
Tgt Ion: 59 Resp: 9442
Ion Ratio Lower Upper
59 100
57 4.9 4.3 6.5



#12
1,1-Dichloroethene
Concen: 22.861 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 96 Resp: 35101
Ion Ratio Lower Upper
96 100
61 130.5 104.9 157.3
98 58.8 51.8 77.8





#13

Acrolein

Concen: 112.399 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

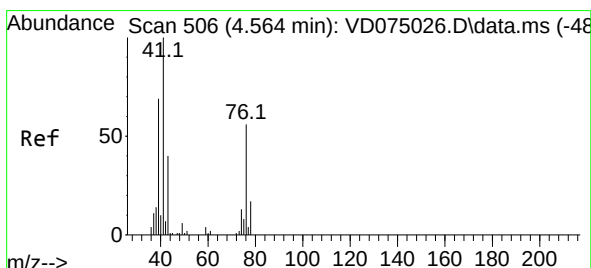
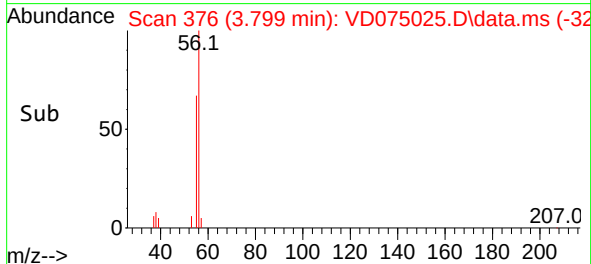
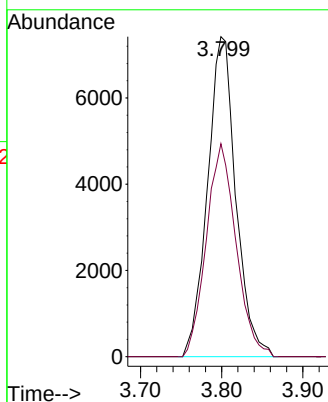
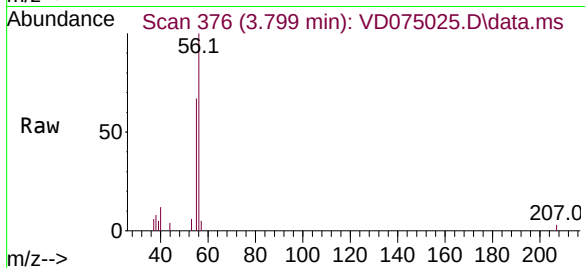
VSTDICC020

Tgt Ion: 56 Resp: 18018

Ion Ratio Lower Upper

56 100

55 69.7 56.6 84.8



#14

Allyl chloride

Concen: 22.745 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

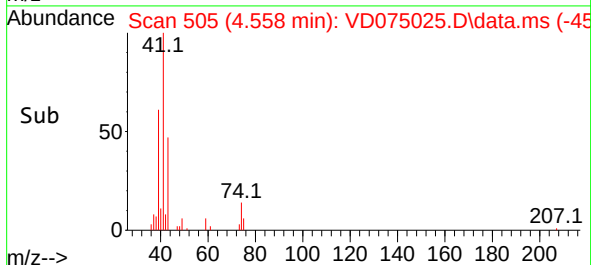
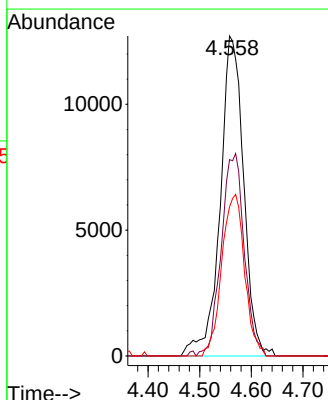
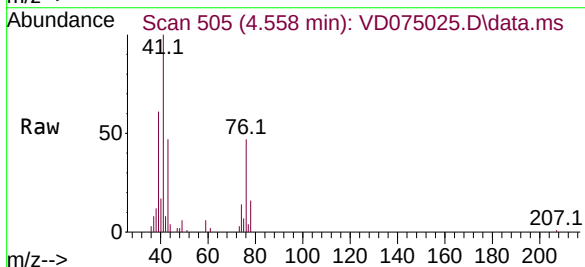
Tgt Ion: 41 Resp: 40052

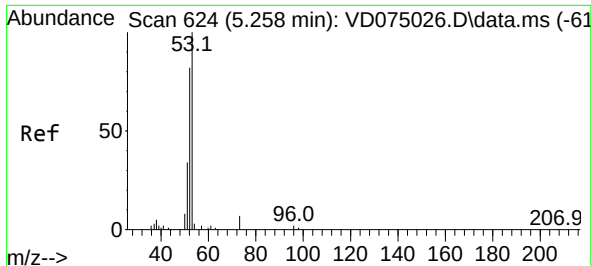
Ion Ratio Lower Upper

41 100

39 61.7 52.5 78.7

76 49.1 41.1 61.7

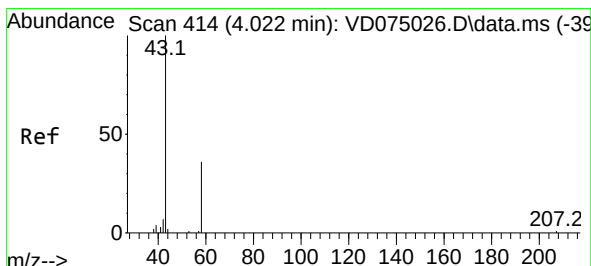
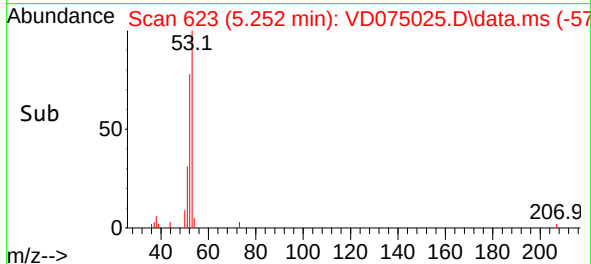
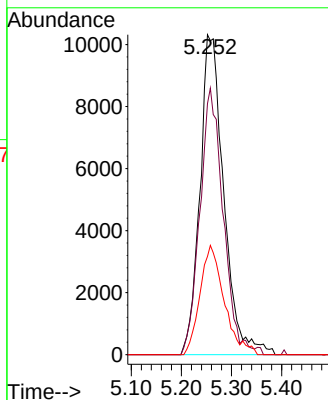
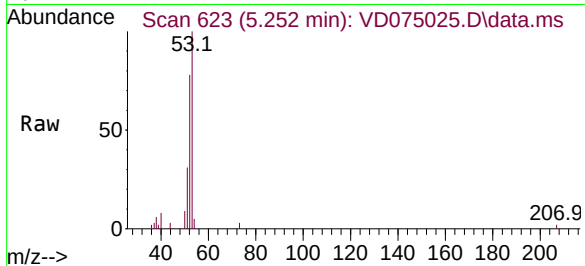




#15
Acrylonitrile
Concen: 110.220 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

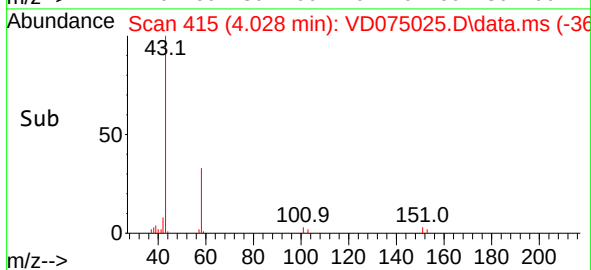
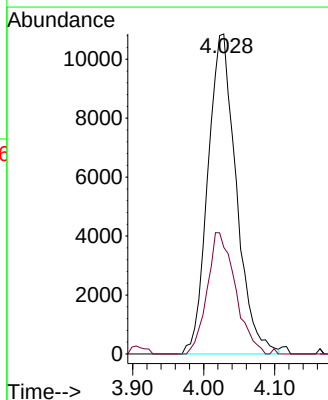
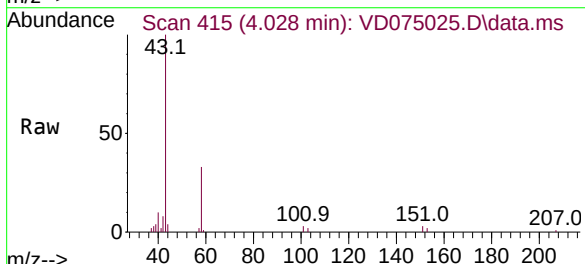
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

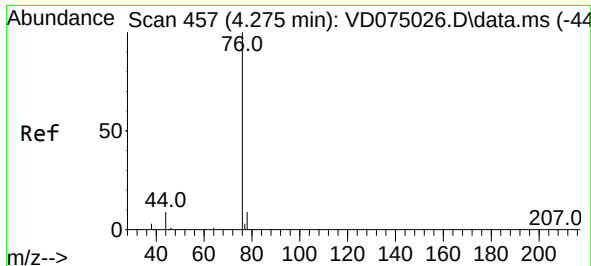
Tgt Ion: 53	Resp: 34099
Ion Ratio	Lower Upper
53 100	
52 81.6	64.0 96.0
51 34.6	27.8 41.8



#16
Acetone
Concen: 96.987 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 43	Resp: 30112
Ion Ratio	Lower Upper
43 100	
58 33.3	28.6 43.0

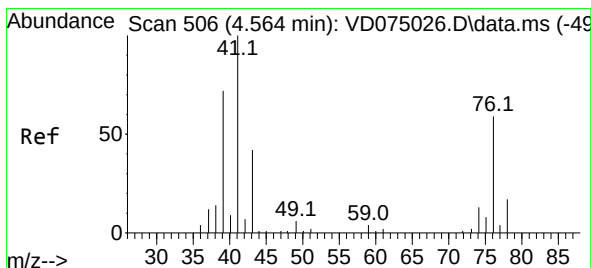
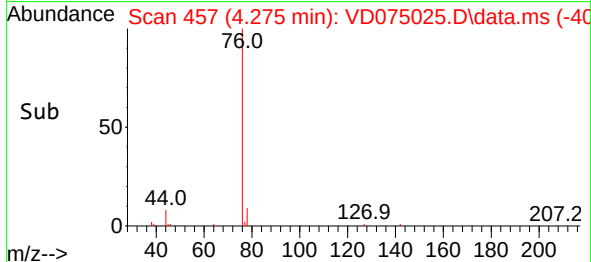
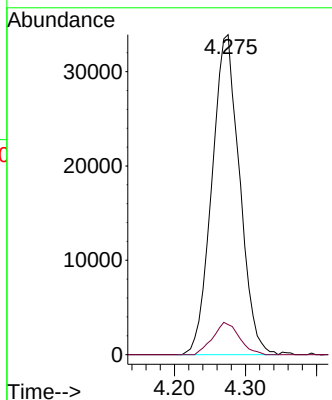
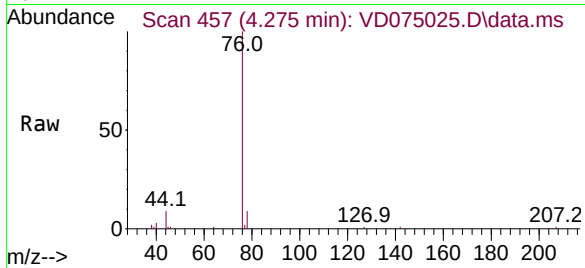




#17
Carbon Disulfide
Concen: 25.887 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

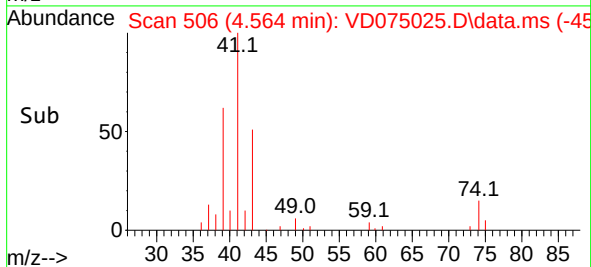
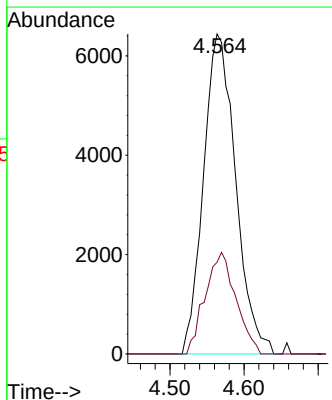
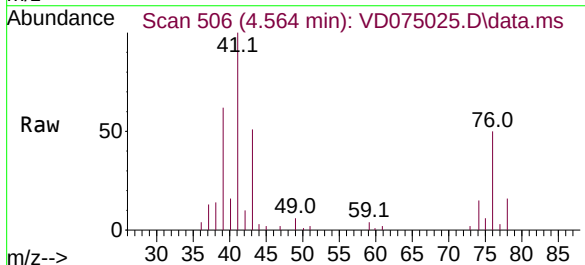
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

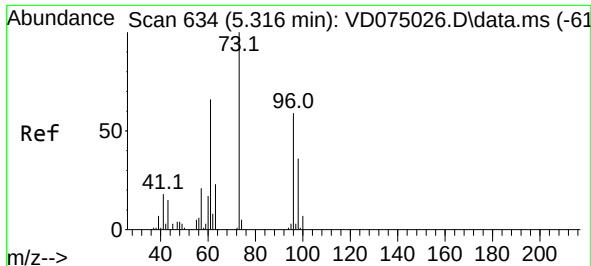
Tgt Ion: 76 Resp: 91618
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 22.522 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 43 Resp: 19424
Ion Ratio Lower Upper
43 100
74 30.4 24.5 36.7





#19

Methyl tert-butyl Ether

Concen: 21.213 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

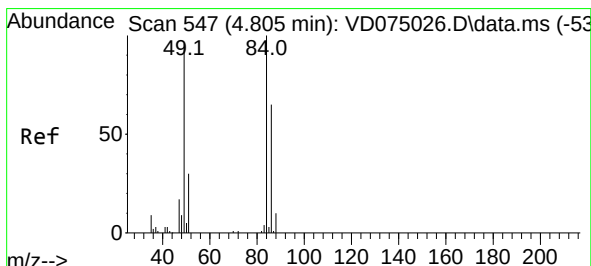
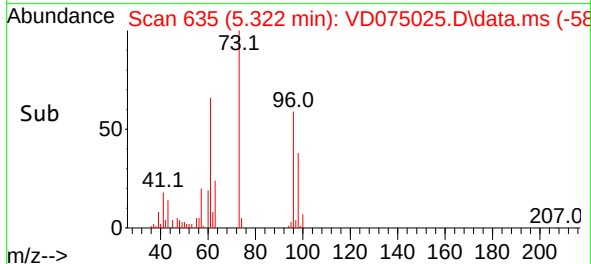
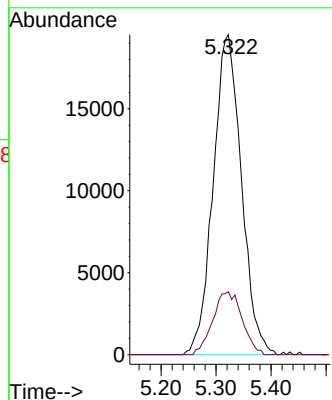
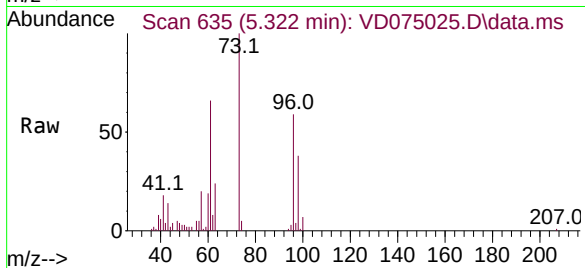
VSTDICC020

Tgt Ion: 73 Resp: 69602

Ion Ratio Lower Upper

73 100

57 19.7 16.9 25.3



#20

Methylene Chloride

Concen: 19.320 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Tgt Ion: 84 Resp: 65569

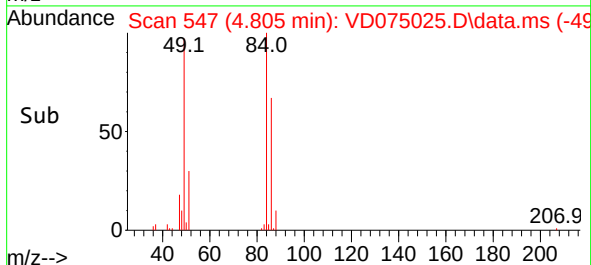
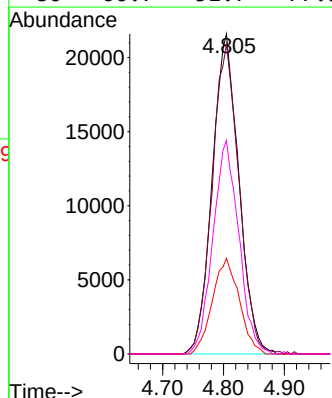
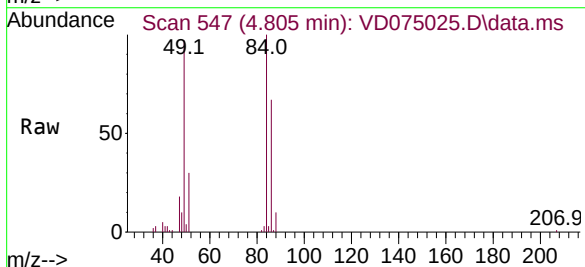
Ion Ratio Lower Upper

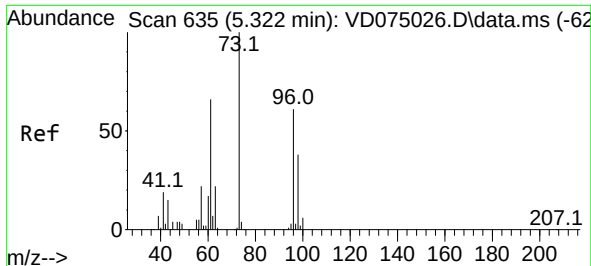
84 100

49 96.8 77.2 115.8

51 29.9 24.1 36.1

86 66.7 51.7 77.5

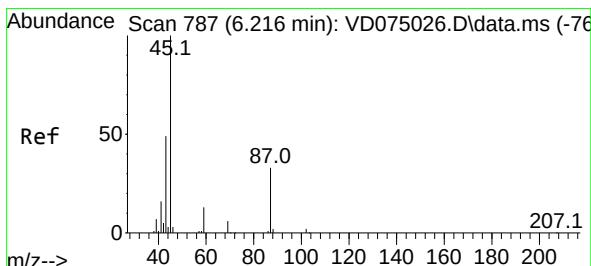
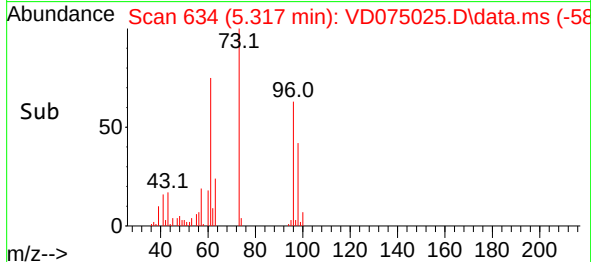
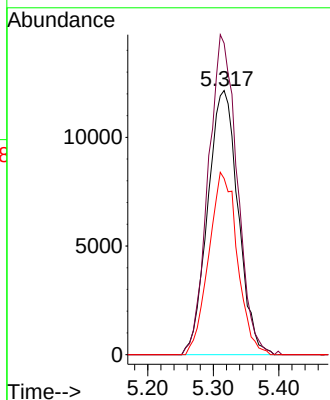
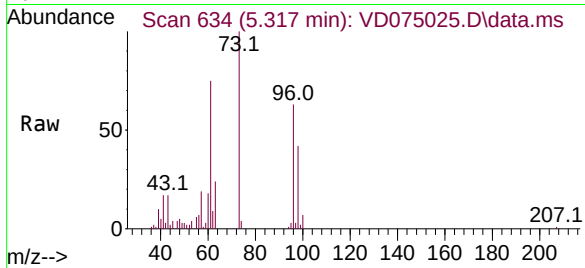




#21
trans-1,2-Dichloroethene
Concen: 22.917 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

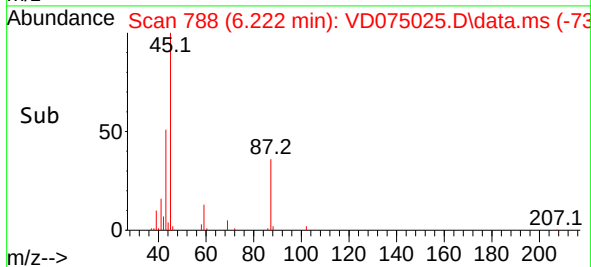
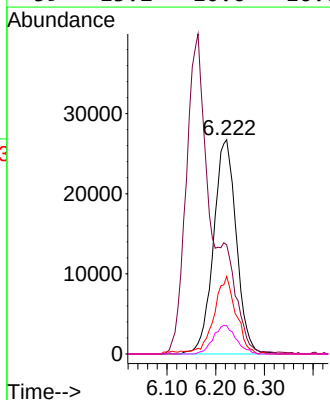
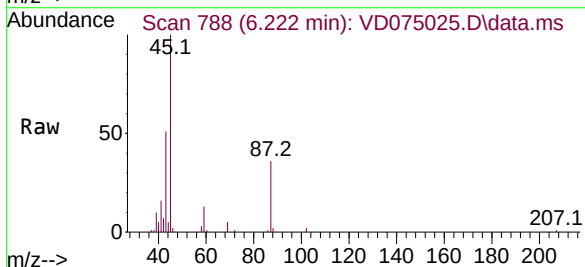
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

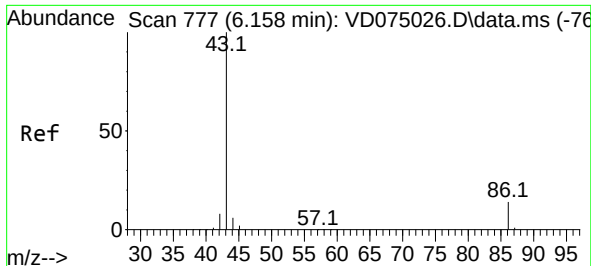
Tgt Ion: 96 Resp: 39089
Ion Ratio Lower Upper
96 100
61 117.9 86.7 130.1
98 66.7 49.8 74.8



#22
Diisopropyl ether
Concen: 21.964 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 45 Resp: 87148
Ion Ratio Lower Upper
45 100
43 50.0 39.8 59.8
87 36.2 27.5 41.3
59 13.2 10.6 16.0

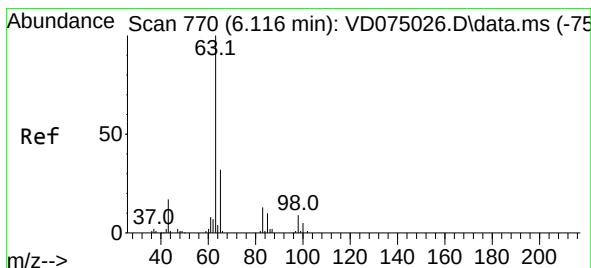
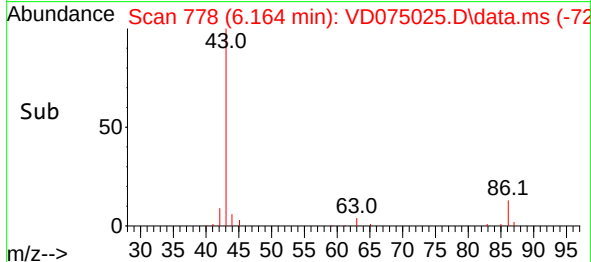
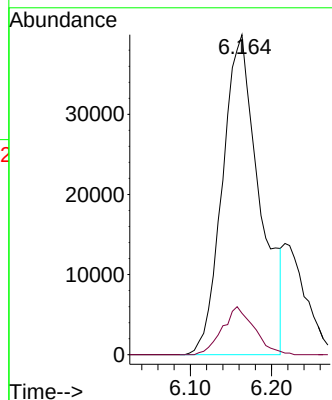
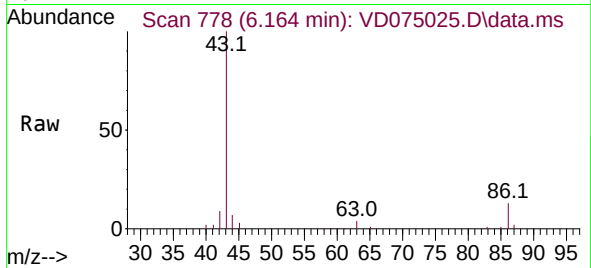




#23
 Vinyl Acetate
 Concen: 91.225 ug/l
 RT: 6.164 min Scan# 778
 Delta R.T. 0.006 min
 Lab File: VD075025.D
 Acq: 15 Dec 2022 13:41

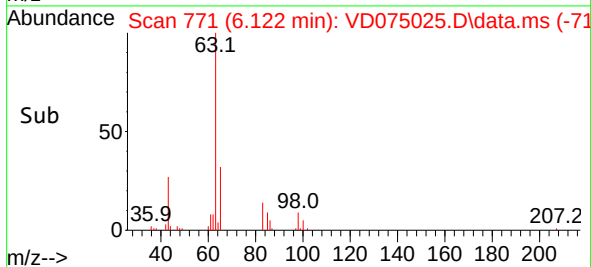
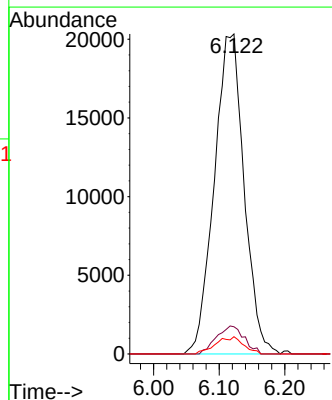
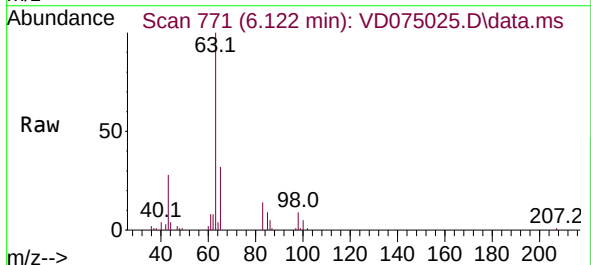
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

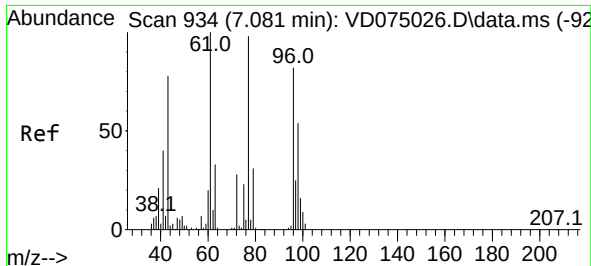
Tgt Ion: 43 Resp: 126743
 Ion Ratio Lower Upper
 43 100
 86 12.9 11.4 17.0



#24
 1,1-Dichloroethane
 Concen: 22.206 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD075025.D
 Acq: 15 Dec 2022 13:41

Tgt Ion: 63 Resp: 64243
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 13.1
 100 5.4 2.5 7.4

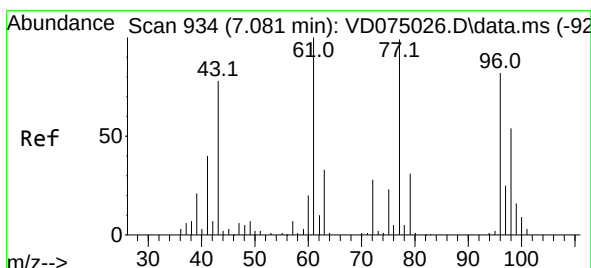
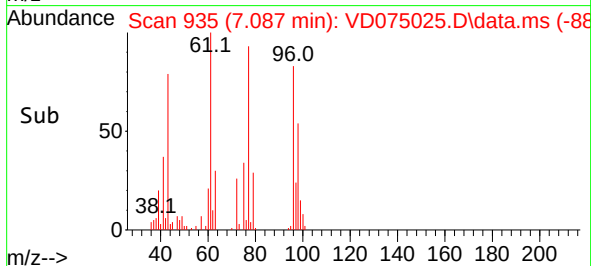
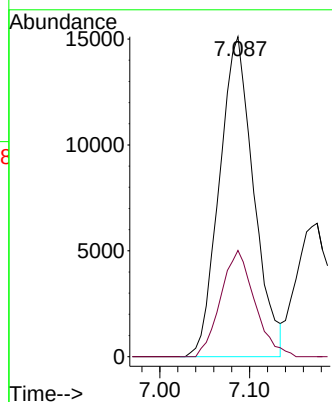
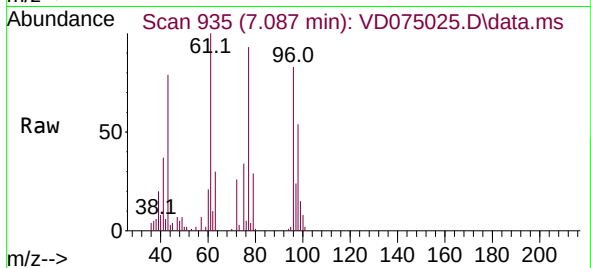




#25
2-Butanone
Concen: 104.648 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

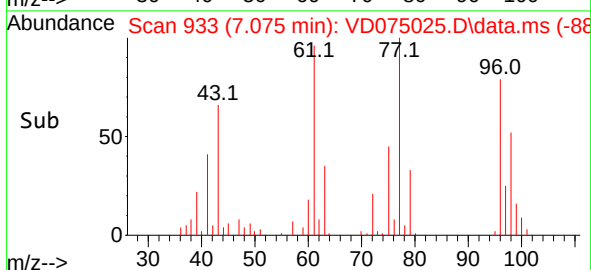
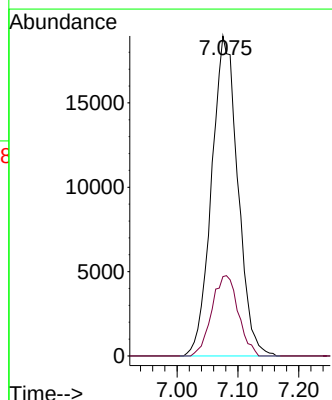
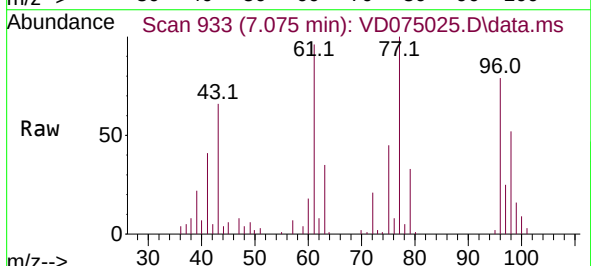
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

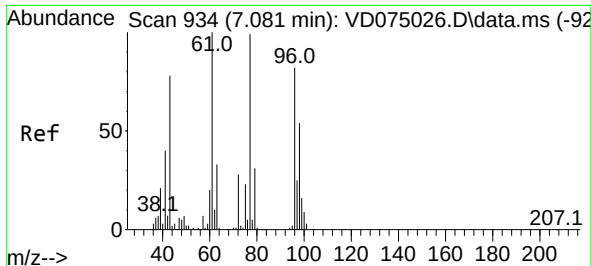
Tgt Ion: 43 Resp: 40097
Ion Ratio Lower Upper
43 100
72 33.2 28.4 42.6



#26
2,2-Dichloropropane
Concen: 21.459 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 77 Resp: 56593
Ion Ratio Lower Upper
77 100
97 25.4 12.6 37.6

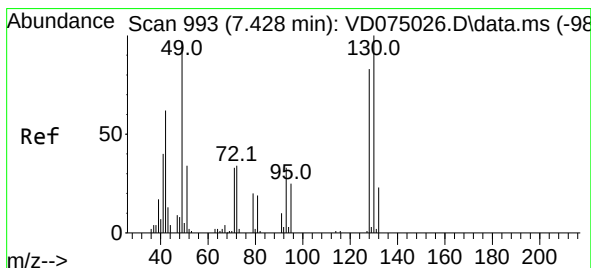
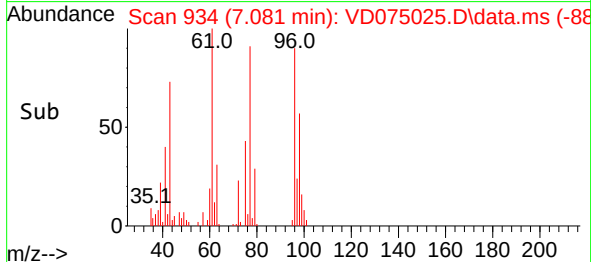
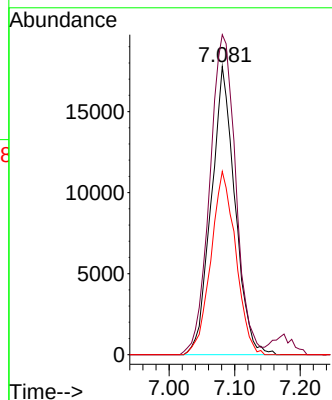
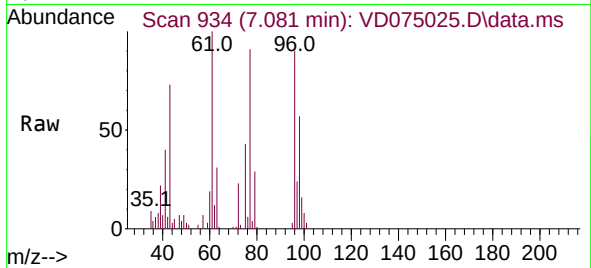




#27
 cis-1,2-Dichloroethene
 Concen: 22.150 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075025.D
 Acq: 15 Dec 2022 13:41

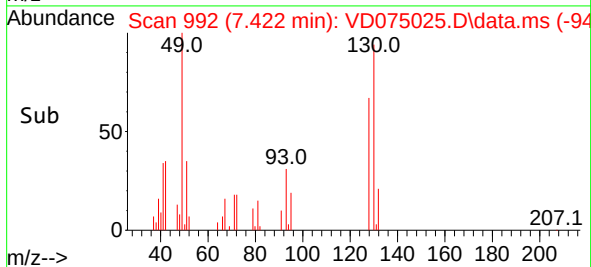
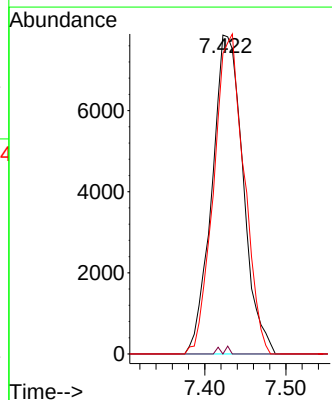
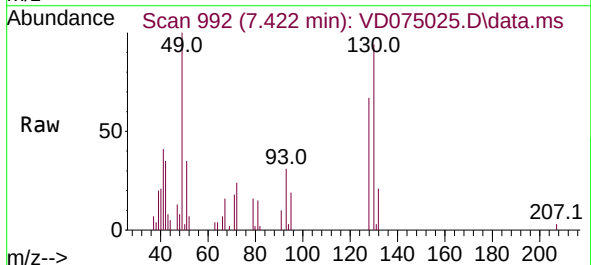
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

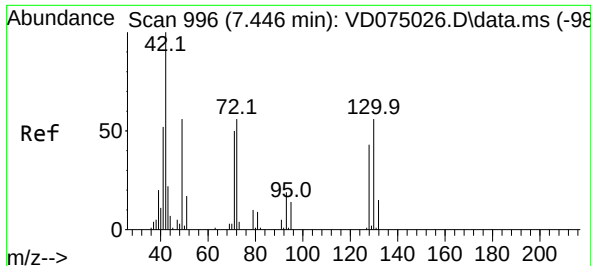
Tgt Ion: 96 Resp: 44736
 Ion Ratio Lower Upper
 96 100
 61 121.5 0.0 244.6
 98 66.5 0.0 131.0



#28
 Bromochloromethane
 Concen: 23.361 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD075025.D
 Acq: 15 Dec 2022 13:41

Tgt Ion: 49 Resp: 20954
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 5.0
 130 97.4 78.2 117.4





#29

Tetrahydrofuran

Concen: 110.878 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

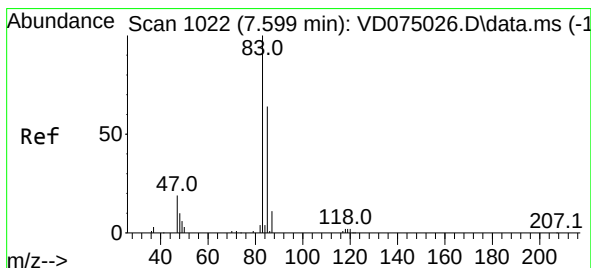
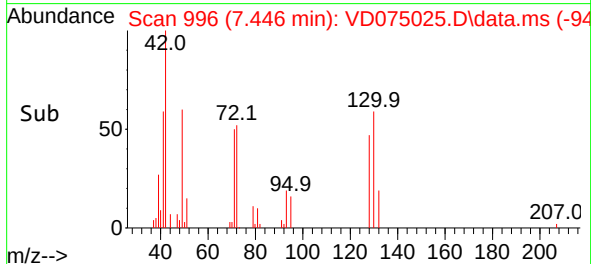
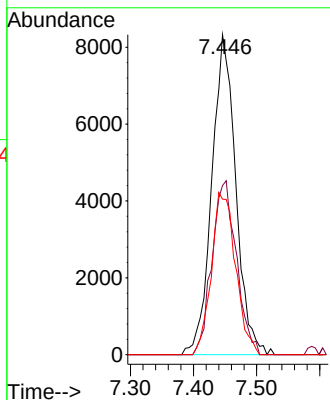
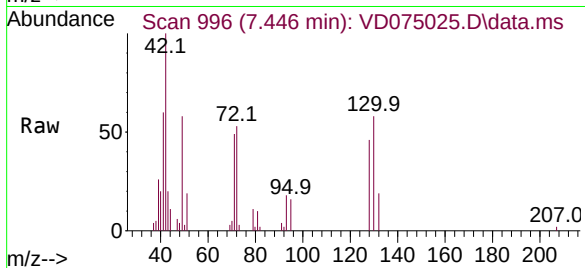
Tgt Ion: 42 Resp: 21972

Ion Ratio Lower Upper

42 100

72 55.4 43.8 65.8

71 51.1 41.1 61.7



#30

Chloroform

Concen: 23.160 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075025.D

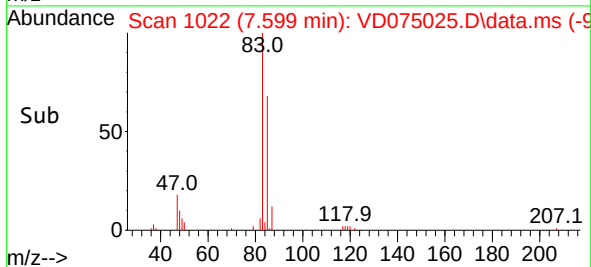
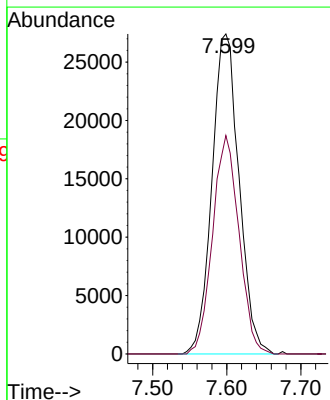
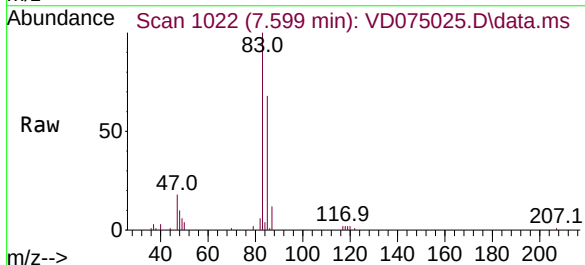
Acq: 15 Dec 2022 13:41

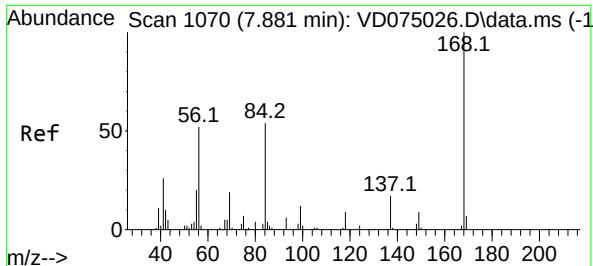
Tgt Ion: 83 Resp: 69590

Ion Ratio Lower Upper

83 100

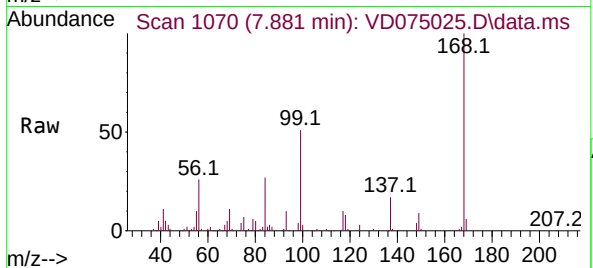
85 68.3 51.4 77.0



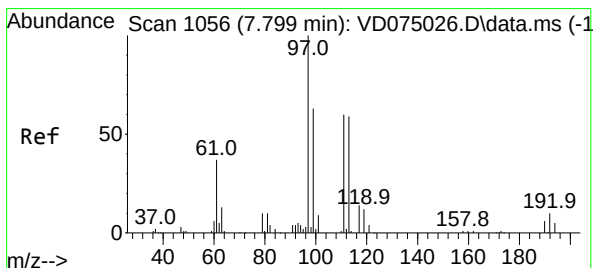
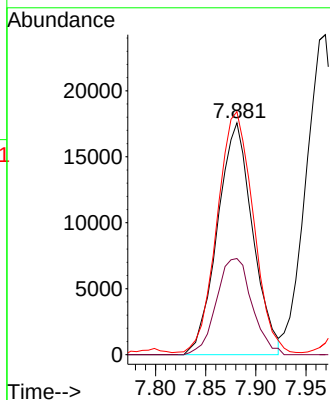
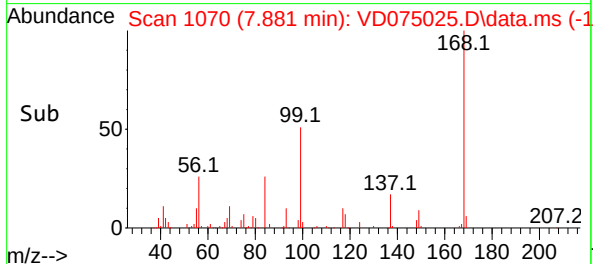


#31
Cyclohexane
Concen: 21.728 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

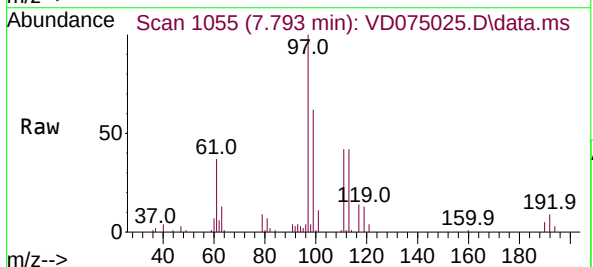
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



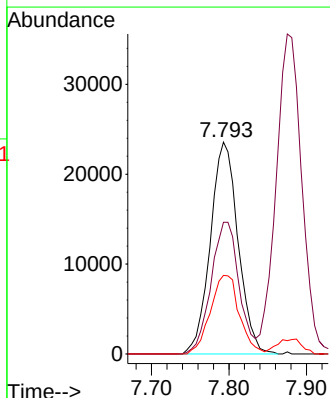
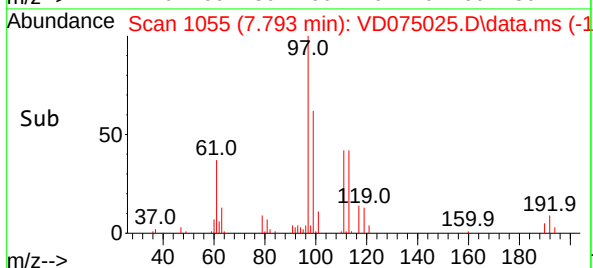
Tgt Ion: 56 Resp: 42904
Ion Ratio Lower Upper
56 100
69 41.5 29.4 44.2
84 103.8 81.8 122.8

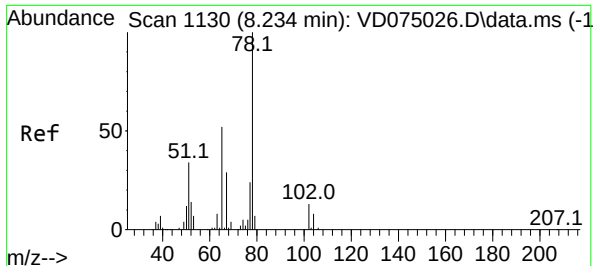


#32
1,1,1-Trichloroethane
Concen: 23.069 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41



Tgt Ion: 97 Resp: 58756
Ion Ratio Lower Upper
97 100
99 62.7 51.6 77.4
61 38.7 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 21.837 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

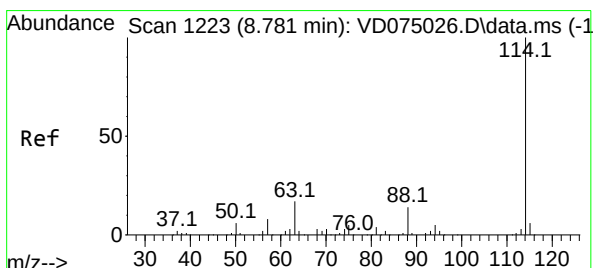
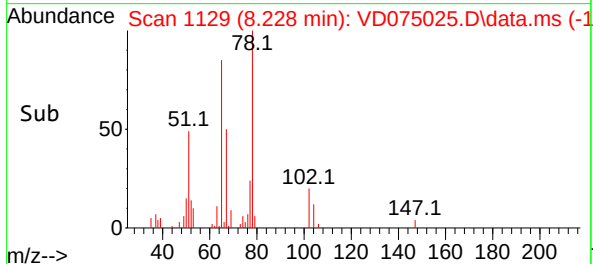
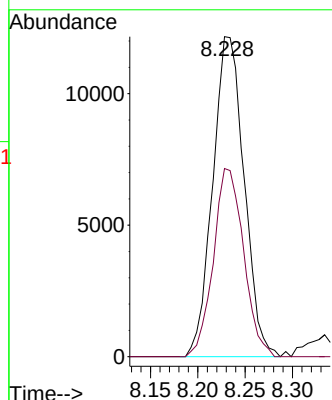
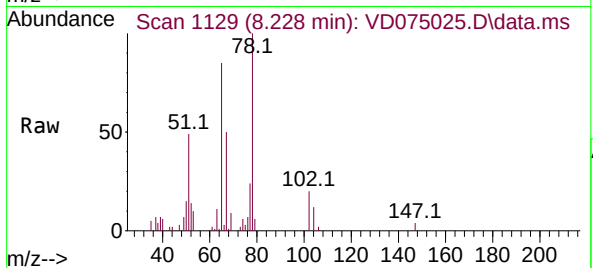
VSTDIC020

Tgt Ion: 65 Resp: 28044

Ion Ratio Lower Upper

65 100

67 56.6 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

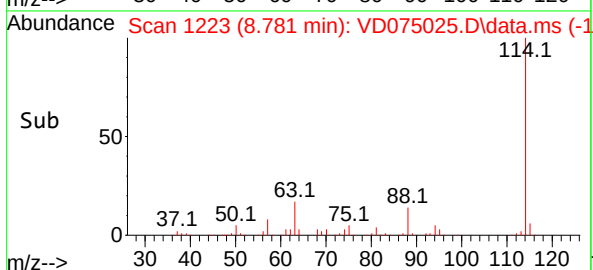
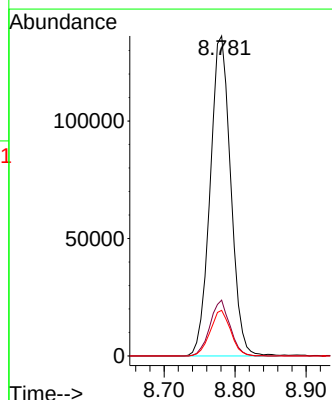
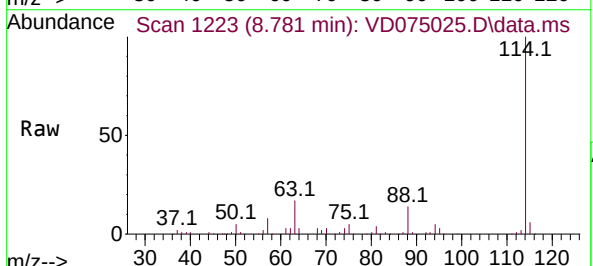
Tgt Ion: 114 Resp: 273471

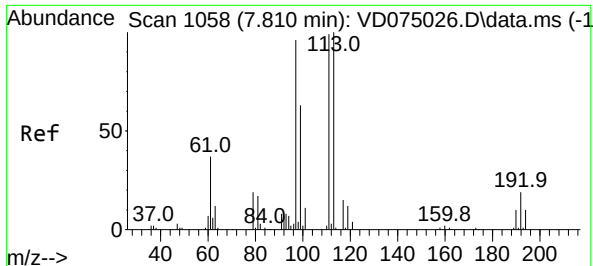
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

88 14.3 0.0 27.8





#35

Dibromofluoromethane

Concen: 19.239 ug/l

RT: 7.805 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

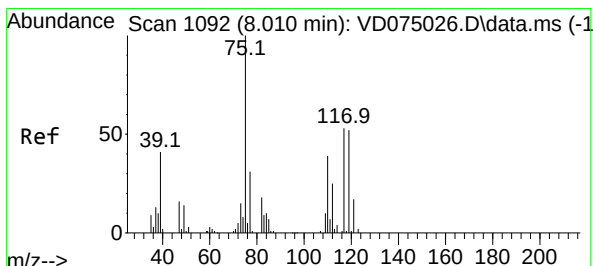
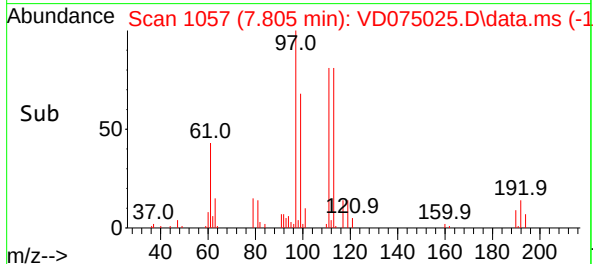
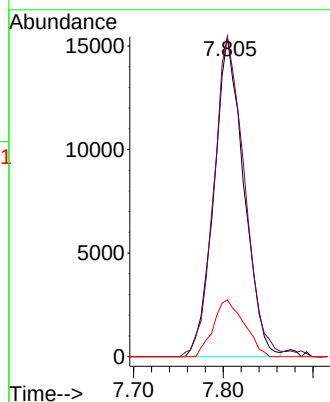
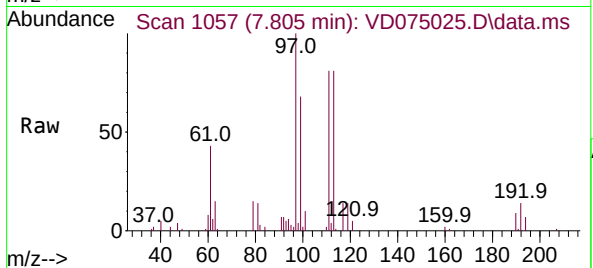
Tgt Ion:113 Resp: 35489

Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 18.5 15.1 22.7



#36

1,1-Dichloropropene

Concen: 20.548 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

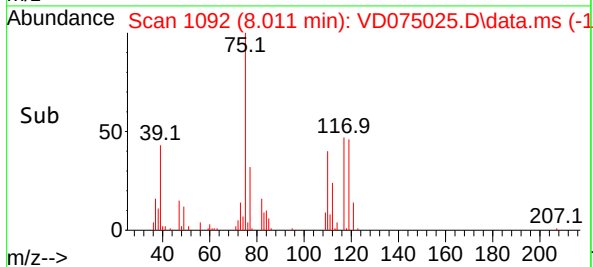
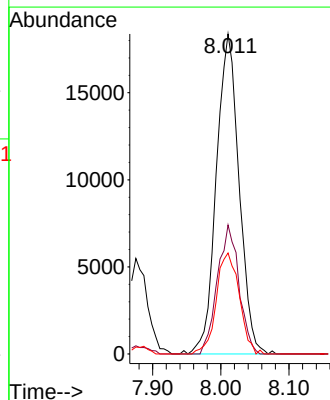
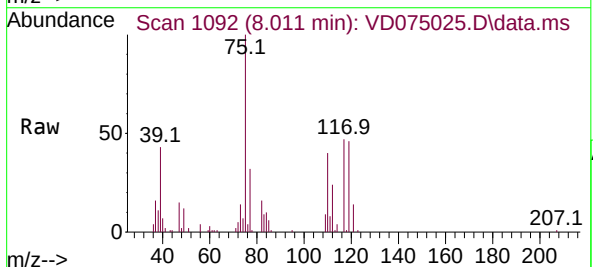
Tgt Ion: 75 Resp: 42676

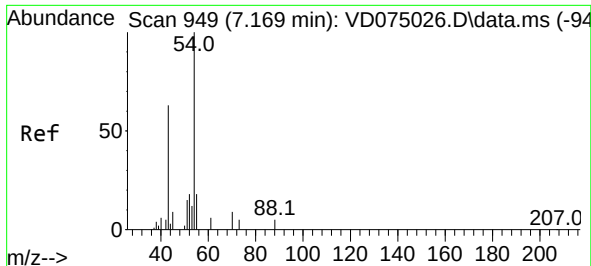
Ion Ratio Lower Upper

75 100

110 38.2 19.0 57.0

77 31.9 25.2 37.8

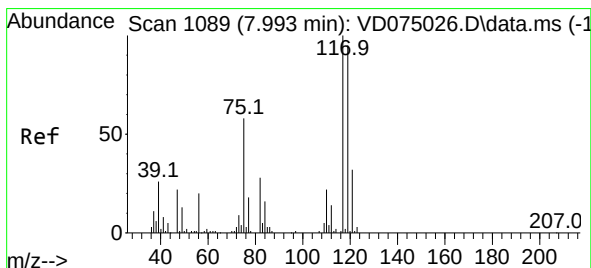
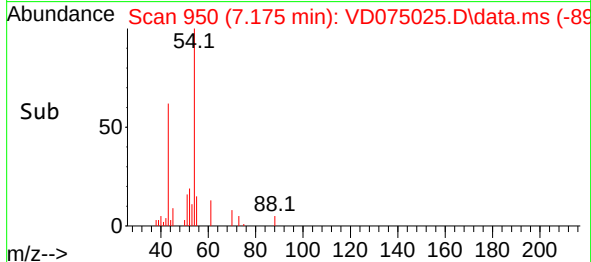
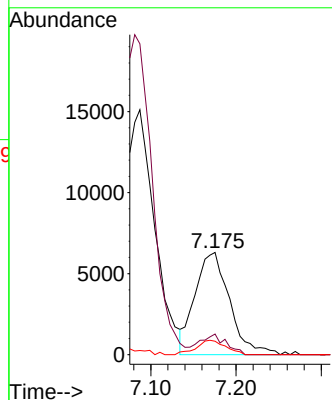
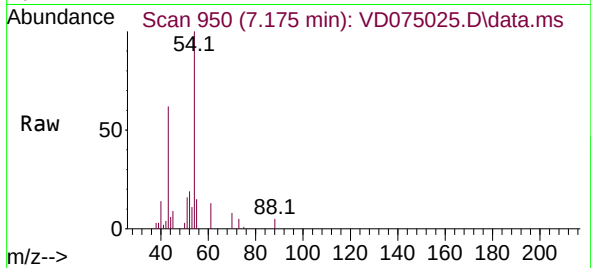




#37
Ethyl Acetate
Concen: 21.620 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

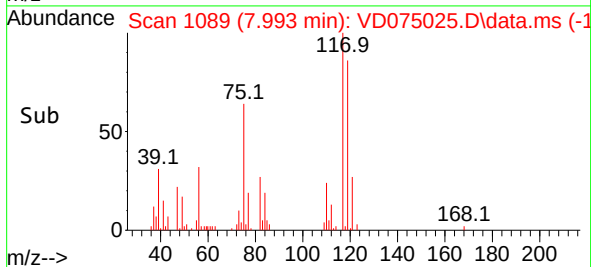
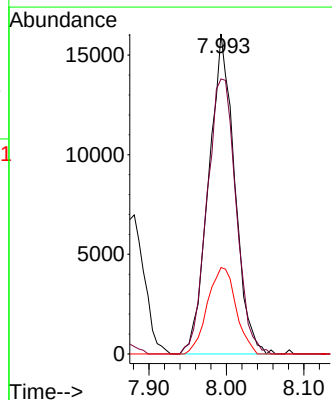
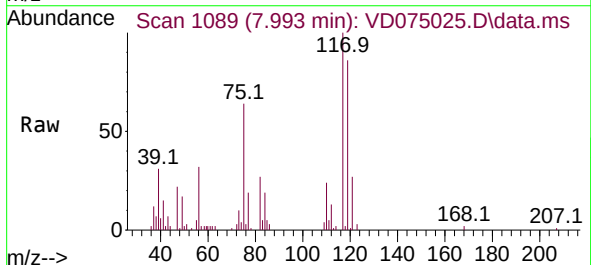
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

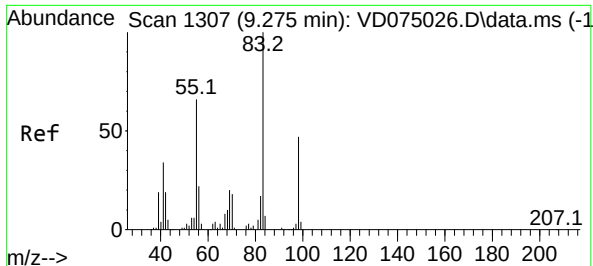
Tgt Ion: 43 Resp: 17817
Ion Ratio Lower Upper
43 100
61 15.0 12.8 19.2
70 11.9 10.2 15.4



#38
Carbon Tetrachloride
Concen: 19.889 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 117 Resp: 37362
Ion Ratio Lower Upper
117 100
119 86.0 75.8 113.6
121 27.0 25.4 38.0





#39

Methylcyclohexane

Concen: 21.656 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

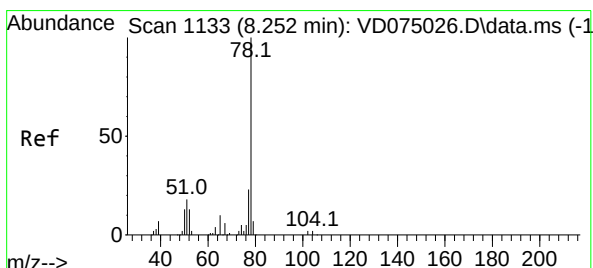
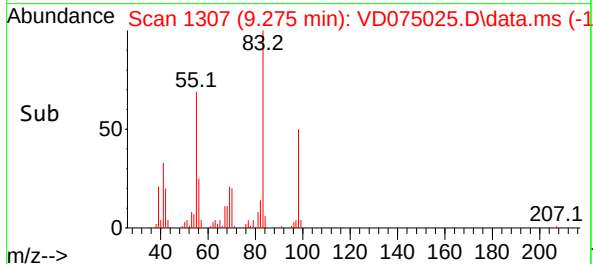
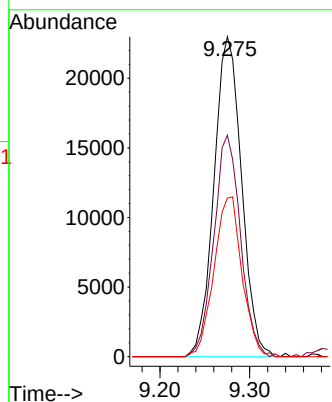
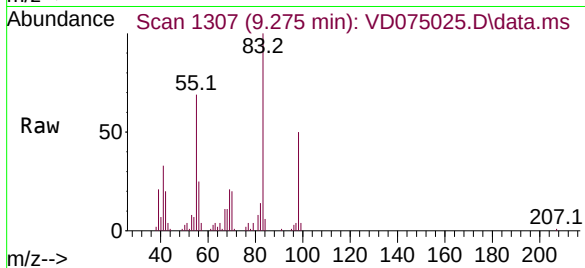
Tgt Ion: 83 Resp: 49025

Ion Ratio Lower Upper

83 100

55 69.2 53.1 79.7

98 49.6 37.5 56.3



#40

Benzene

Concen: 20.790 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075025.D

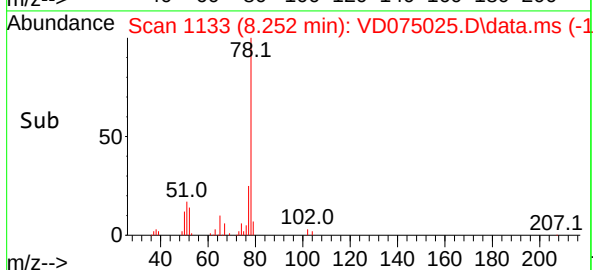
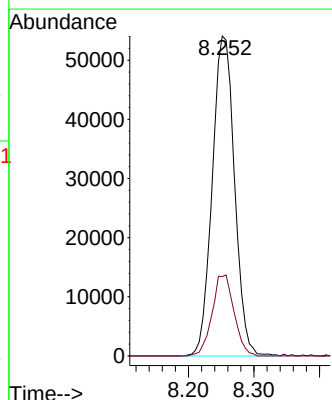
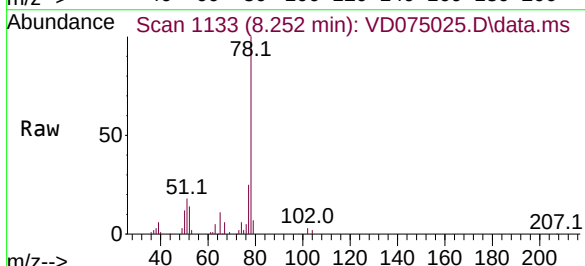
Acq: 15 Dec 2022 13:41

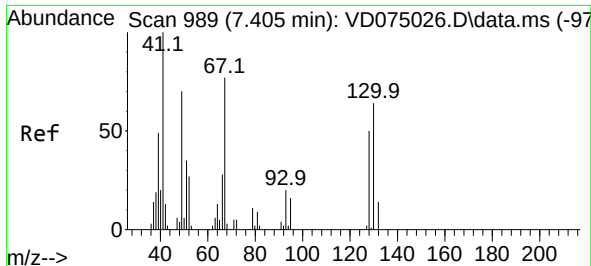
Tgt Ion: 78 Resp: 127696

Ion Ratio Lower Upper

78 100

77 24.8 18.6 27.8

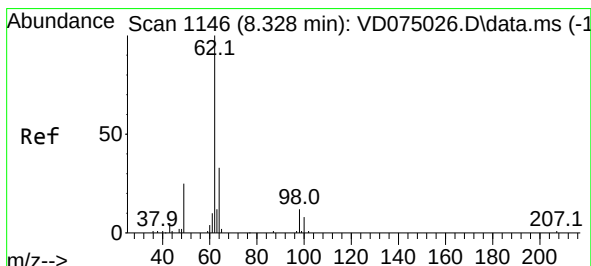
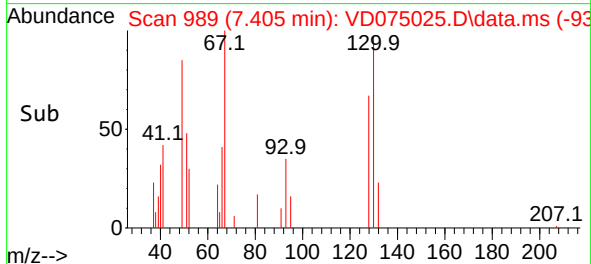
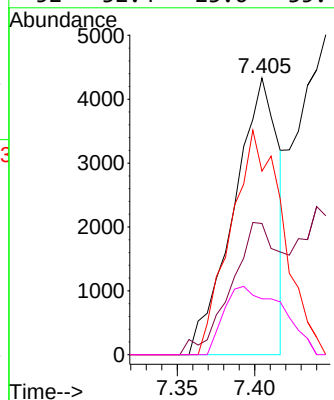
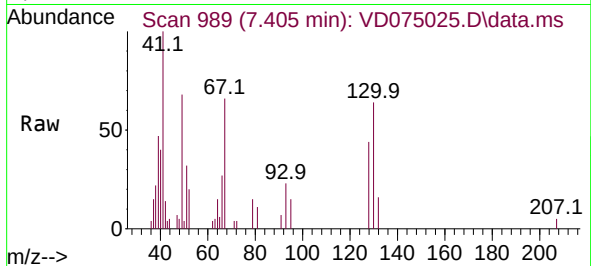




#41
Methacrylonitrile
Concen: 19.001 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

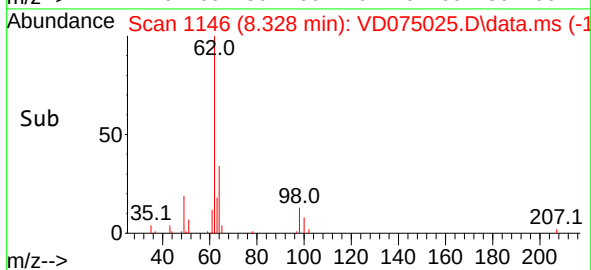
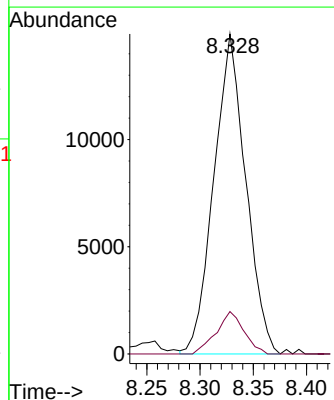
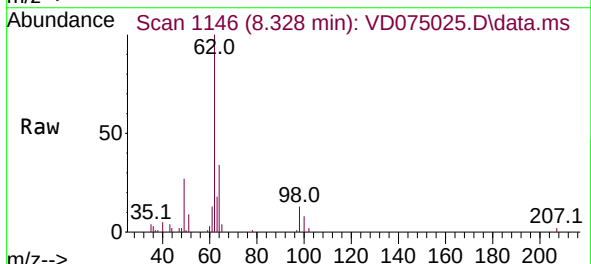
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

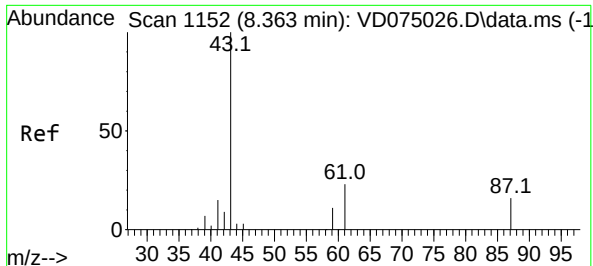
Tgt Ion: 41	Resp: 8649
Ion Ratio	Lower Upper
41 100	
39 56.2	44.8 67.2
67 95.1	69.6 104.4
52 32.4	23.6 35.4



#42
1,2-Dichloroethane
Concen: 20.520 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 62	Resp: 31075
Ion Ratio	Lower Upper
62 100	
98 11.5	0.0 23.4

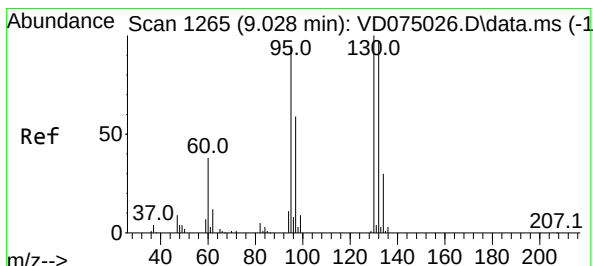
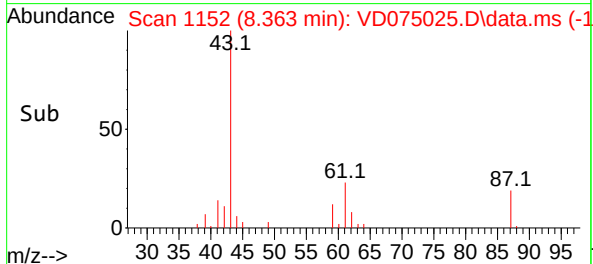
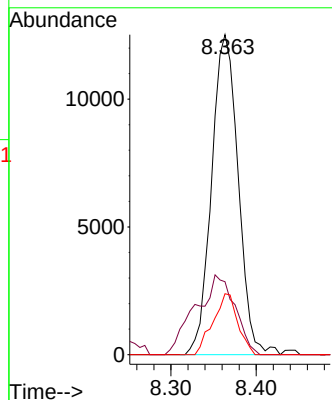
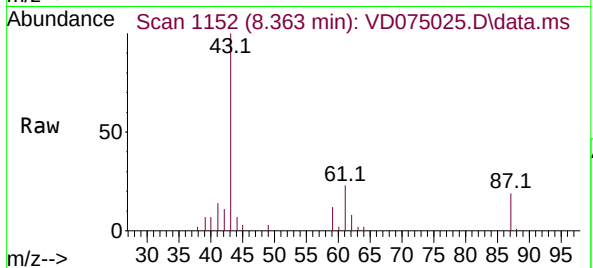




#43
Isopropyl Acetate
Concen: 19.650 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

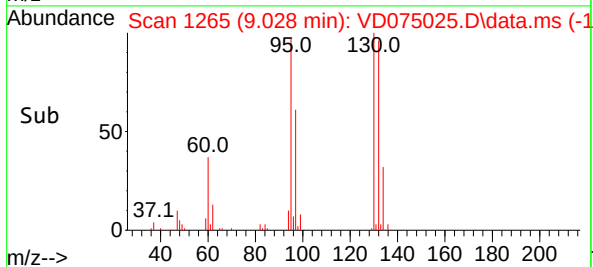
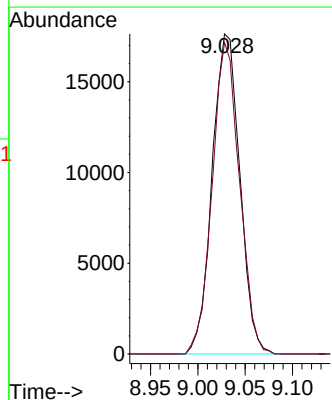
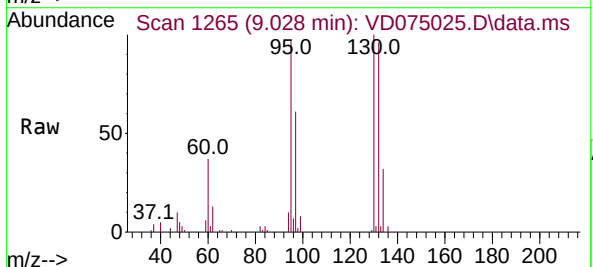
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

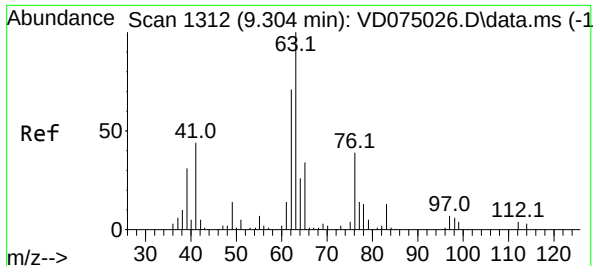
Tgt Ion: 43	Resp: 27175
Ion Ratio	Lower Upper
43	100
61	36.9 28.2 42.4
87	17.6 13.6 20.4



#44
Trichloroethene
Concen: 20.766 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 130	Resp: 35710
Ion Ratio	Lower Upper
130	100
95	97.3 0.0 190.0





#45

1,2-Dichloropropane

Concen: 20.390 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

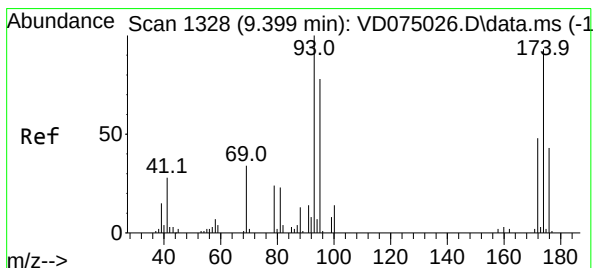
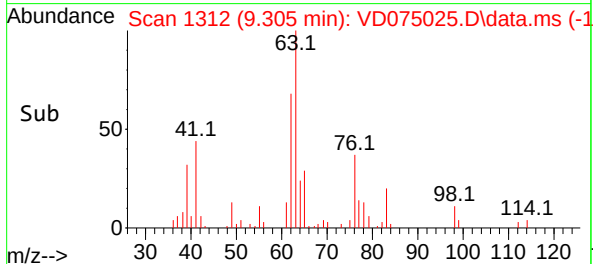
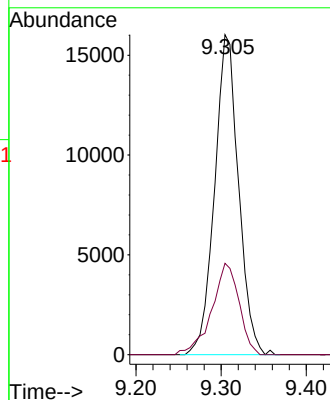
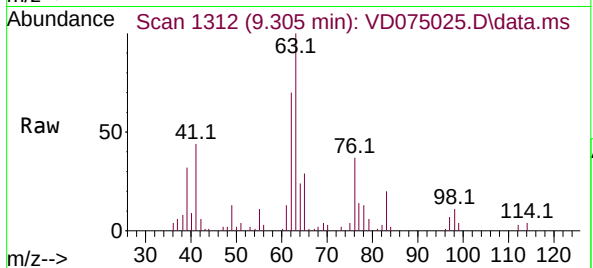
VSTDIC020

Tgt Ion: 63 Resp: 31269

Ion Ratio Lower Upper

63 100

65 28.6 27.0 40.6



#46

Dibromomethane

Concen: 20.189 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

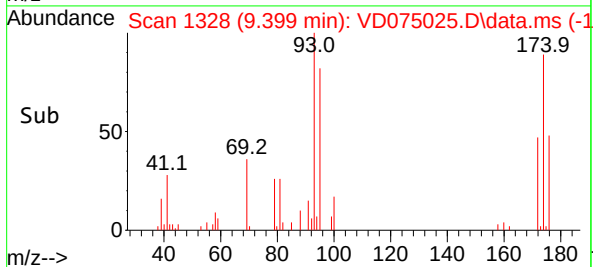
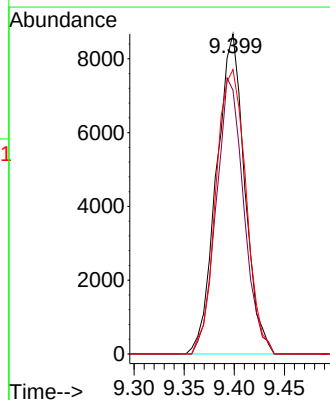
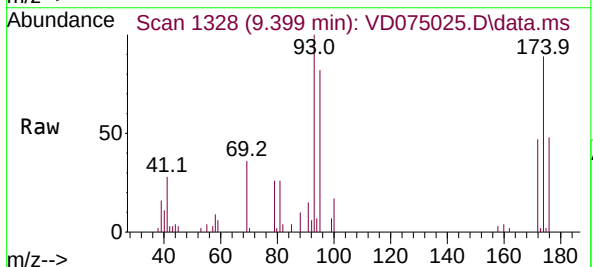
Tgt Ion: 93 Resp: 16988

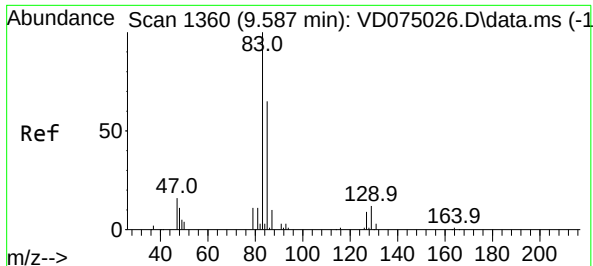
Ion Ratio Lower Upper

93 100

95 84.1 65.7 98.5

174 94.4 74.7 112.1





#47

Bromodichloromethane

Concen: 20.126 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

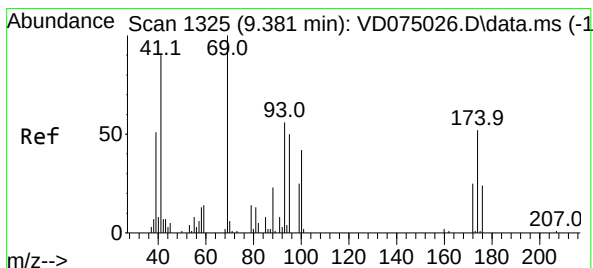
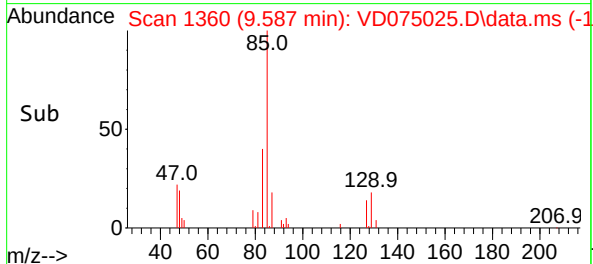
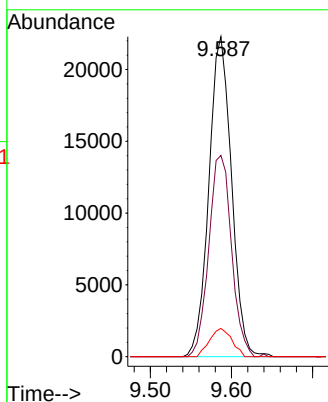
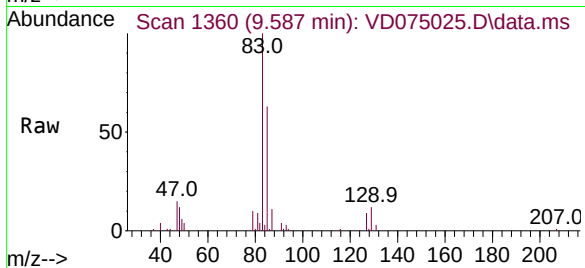
Tgt Ion: 83 Resp: 43162

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.8

127 8.8 7.2 10.8



#48

Methyl methacrylate

Concen: 20.311 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

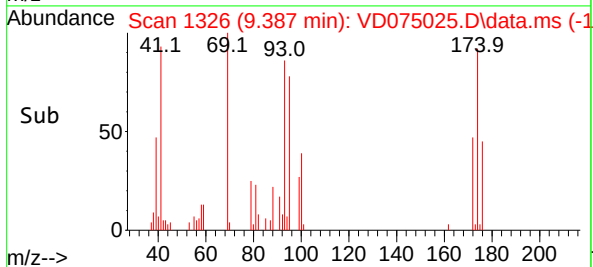
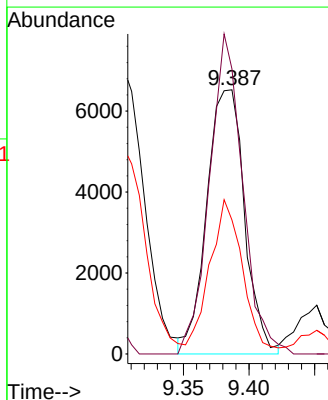
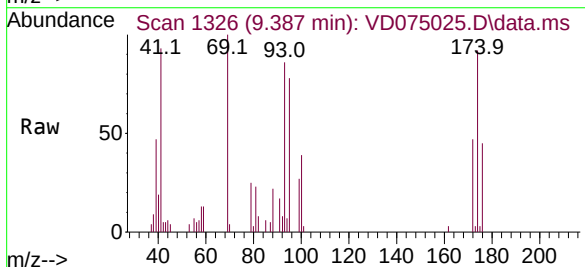
Tgt Ion: 41 Resp: 13087

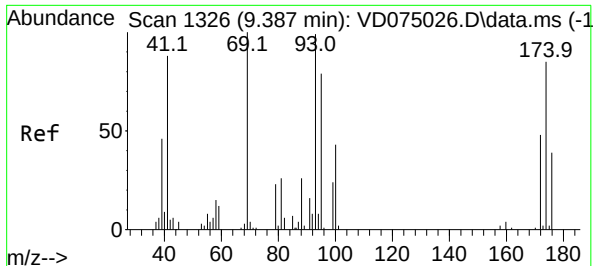
Ion Ratio Lower Upper

41 100

69 106.4 84.8 127.2

39 47.1 43.6 65.4





#49

1,4-Dioxane

Concen: 405.327 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

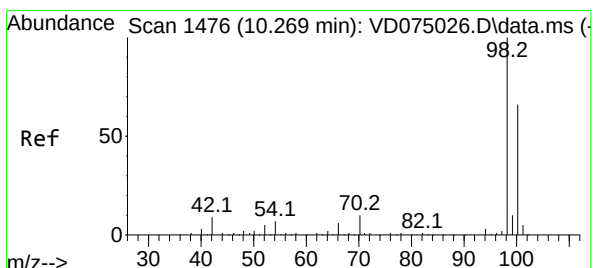
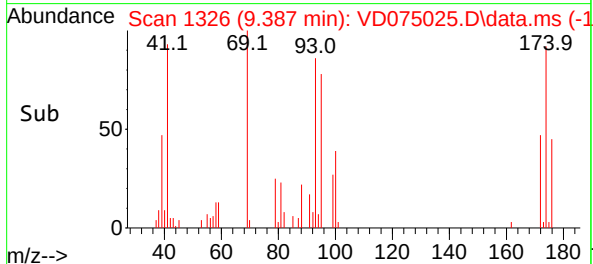
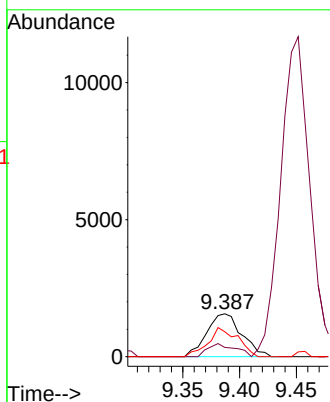
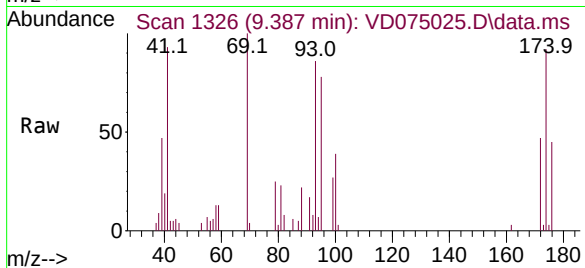
Tgt Ion: 88 Resp: 3354

Ion Ratio Lower Upper

88 100

43 23.9 23.9 35.9

58 56.9 48.4 72.6



#50

Toluene-d8

Concen: 20.007 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075025.D

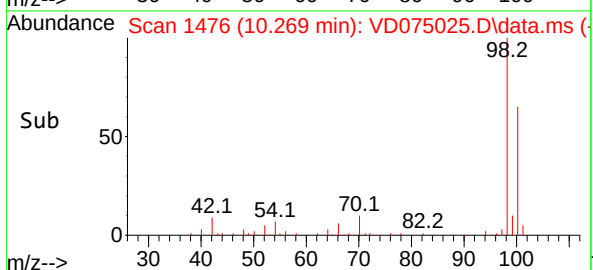
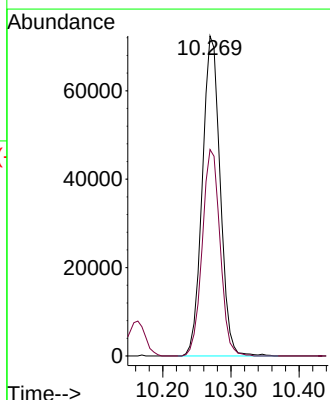
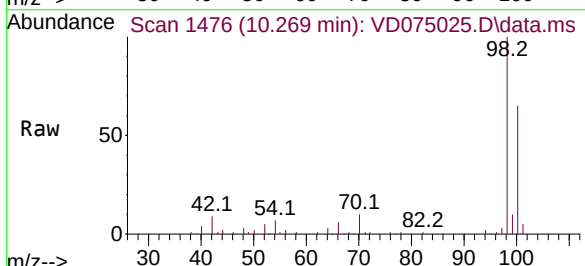
Acq: 15 Dec 2022 13:41

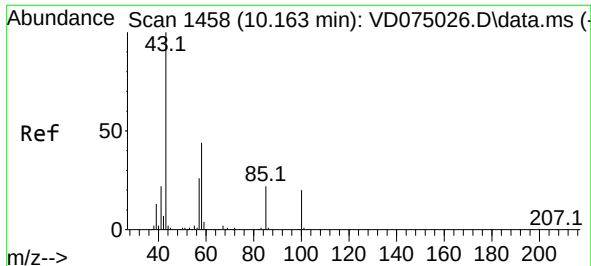
Tgt Ion: 98 Resp: 131837

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2

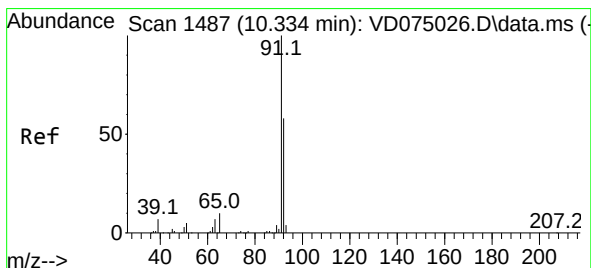
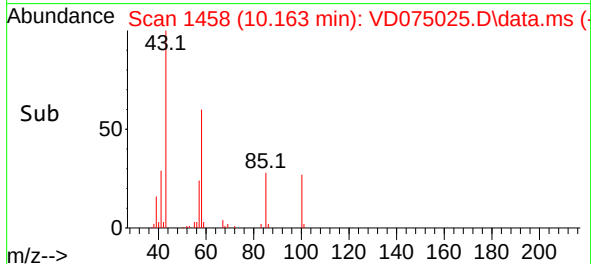
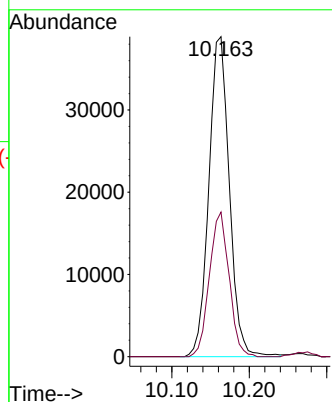
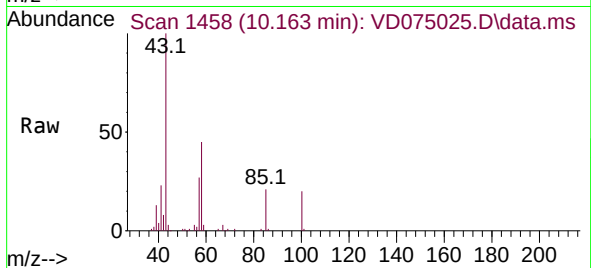




#51
4-Methyl-2-Pentanone
Concen: 99.216 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

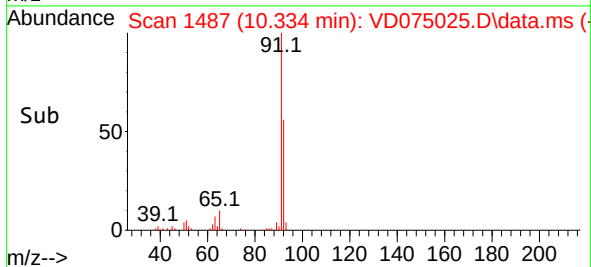
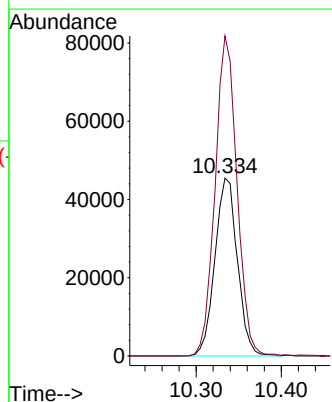
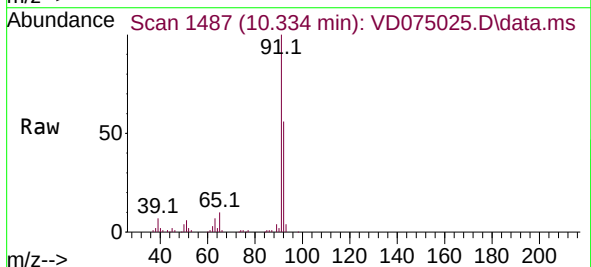
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

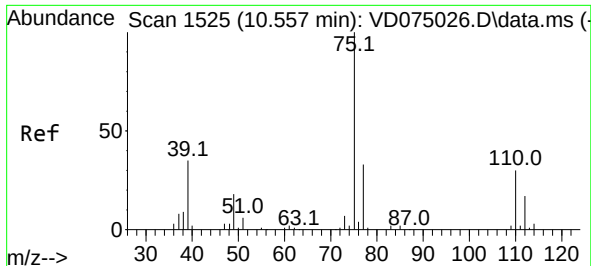
Tgt Ion: 43 Resp: 71469
Ion Ratio Lower Upper
43 100
58 43.4 35.7 53.5



#52
Toluene
Concen: 20.635 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 92 Resp: 83264
Ion Ratio Lower Upper
92 100
91 175.4 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.344 ug/l

RT: 10.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

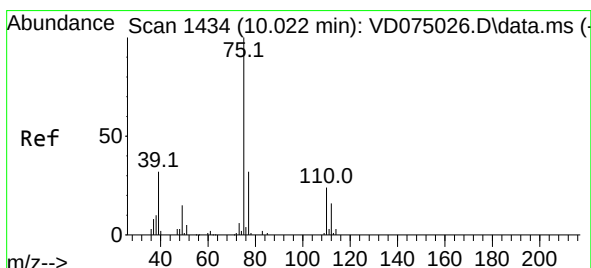
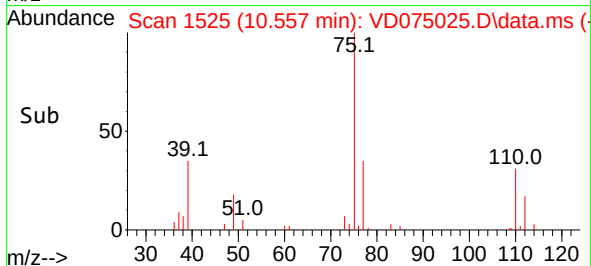
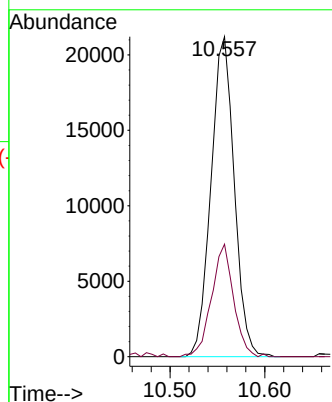
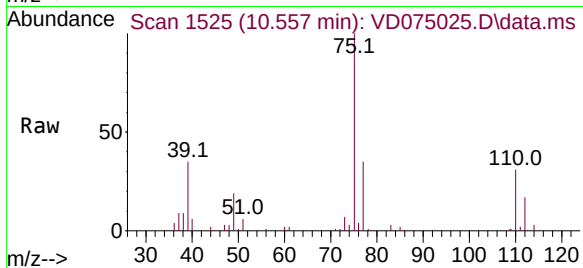
VSTDIC020

Tgt Ion: 75 Resp: 36139

Ion Ratio Lower Upper

75 100

77 35.2 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 20.334 ug/l

RT: 10.022 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

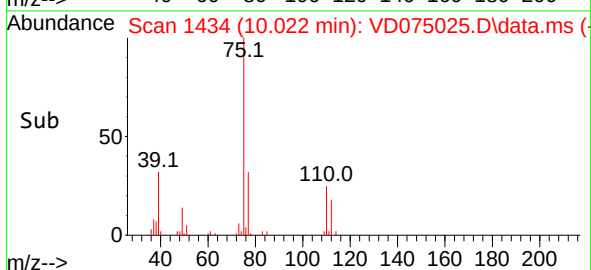
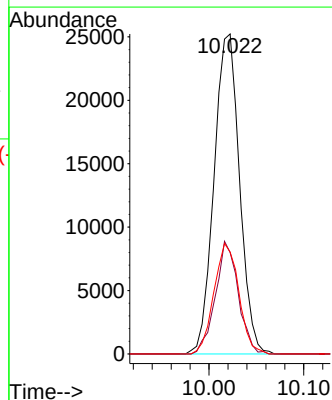
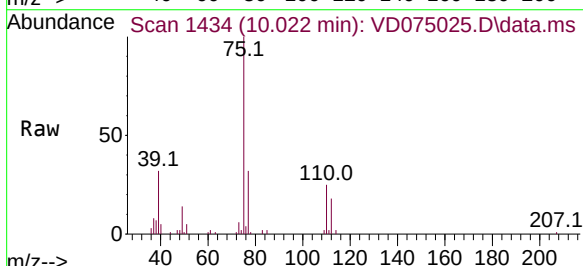
Tgt Ion: 75 Resp: 47153

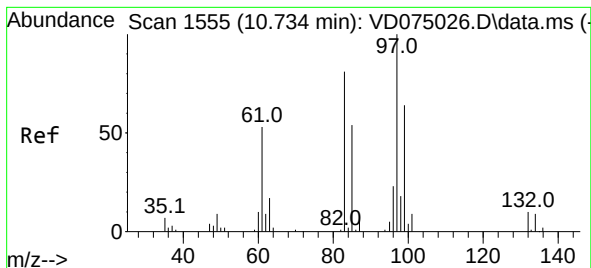
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 31.8 25.7 38.5





#55

1,1,2-Trichloroethane

Concen: 20.510 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 24864

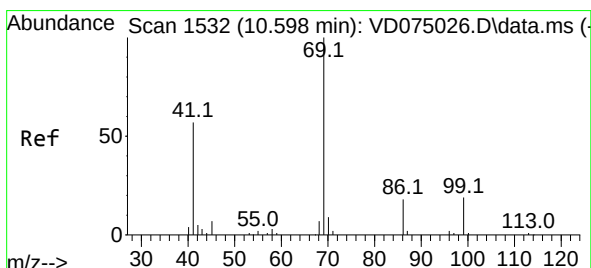
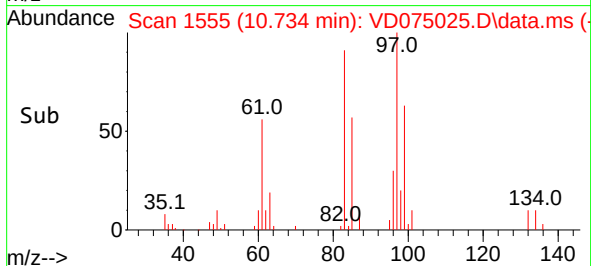
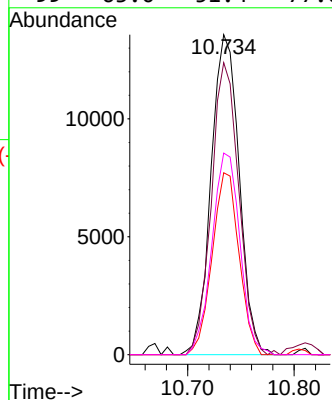
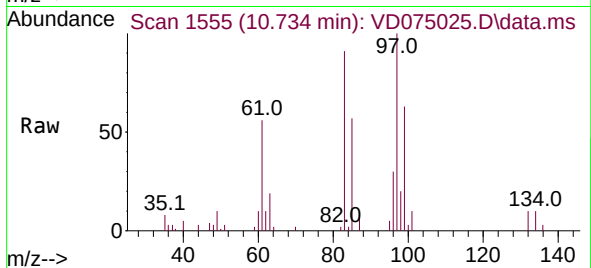
Ion Ratio Lower Upper

97 100

83 91.3 65.1 97.7

85 56.8 43.3 64.9

99 63.0 51.4 77.0



#56

Ethyl methacrylate

Concen: 19.825 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

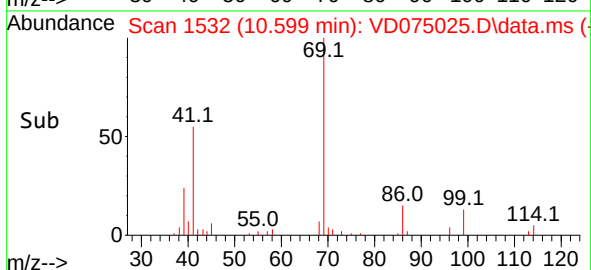
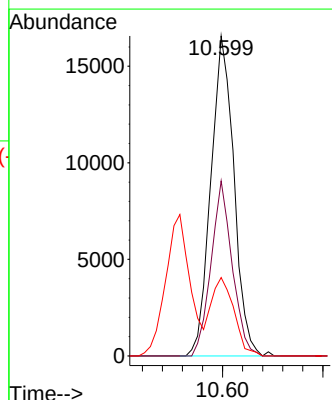
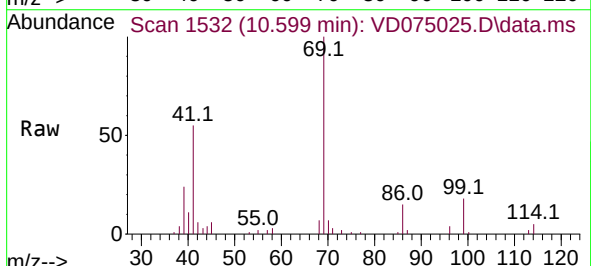
Tgt Ion: 69 Resp: 26516

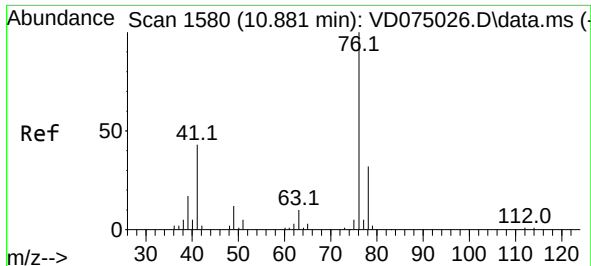
Ion Ratio Lower Upper

69 100

41 50.2 42.2 63.4

39 24.4 20.2 30.4





#57

1,3-Dichloropropane

Concen: 20.271 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

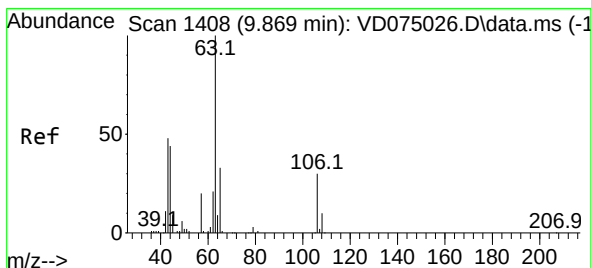
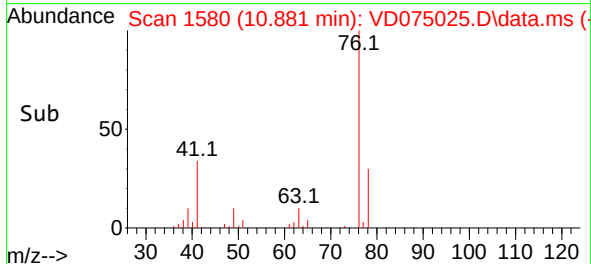
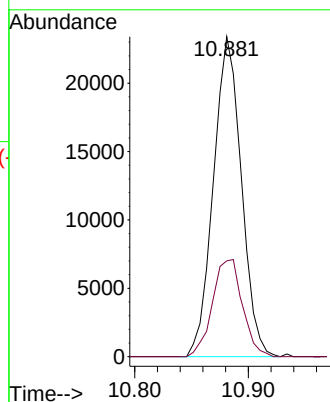
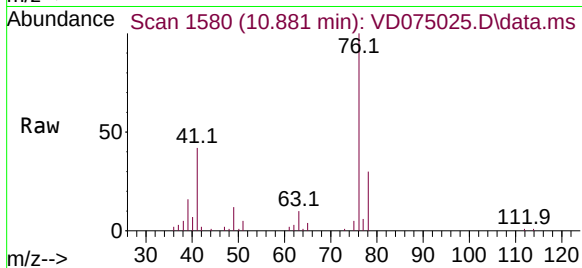
VSTDIC020

Tgt Ion: 76 Resp: 39999

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 94.534 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075025.D

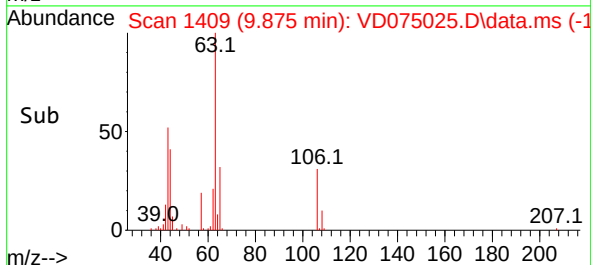
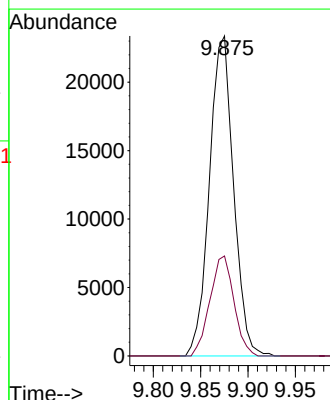
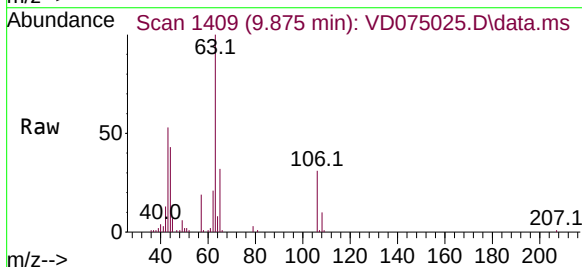
Acq: 15 Dec 2022 13:41

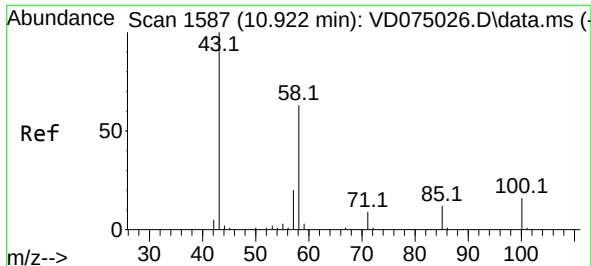
Tgt Ion: 63 Resp: 41413

Ion Ratio Lower Upper

63 100

106 31.0 25.3 37.9

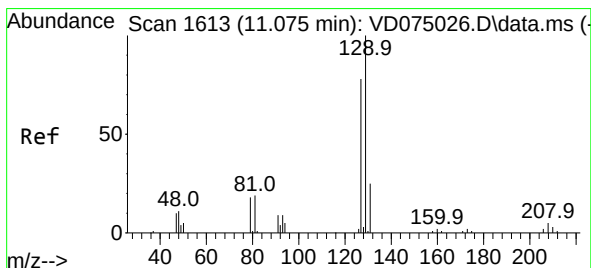
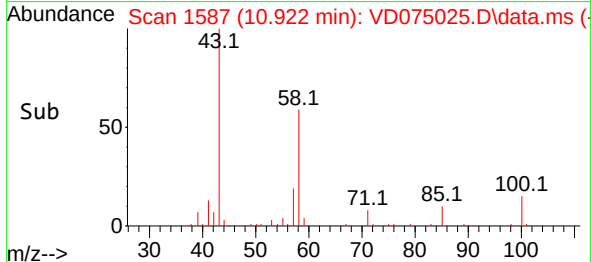
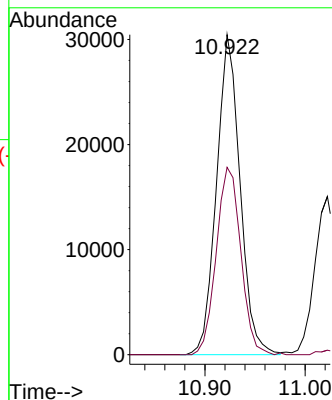
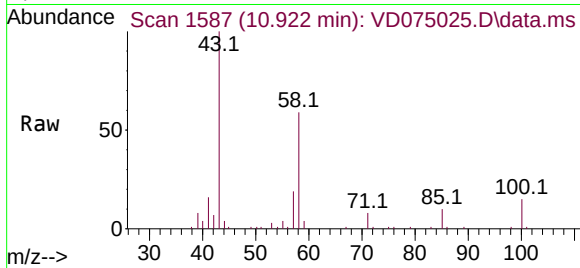




#59
2-Hexanone
Concen: 95.548 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

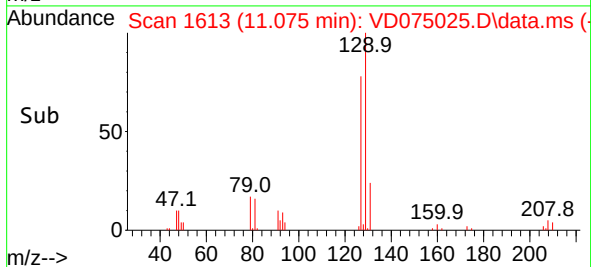
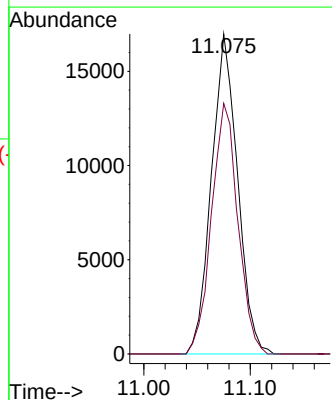
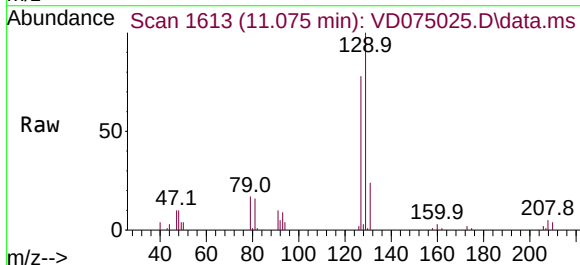
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

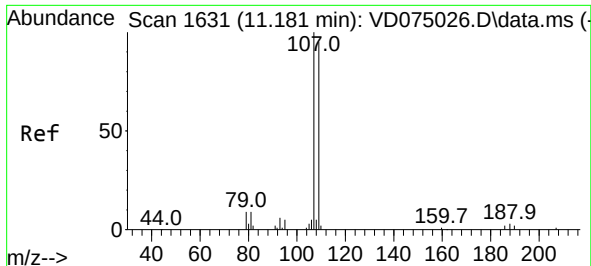
Tgt Ion: 43 Resp: 49563
Ion Ratio Lower Upper
43 100
58 61.1 30.8 92.4



#60
Dibromochloromethane
Concen: 20.379 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 129 Resp: 28914
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.3

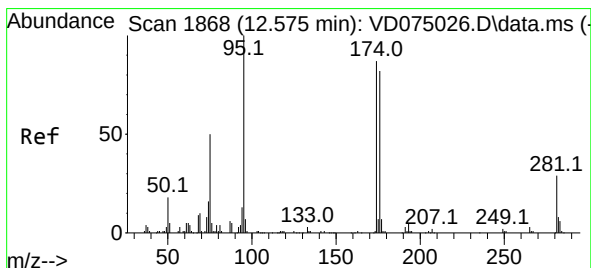
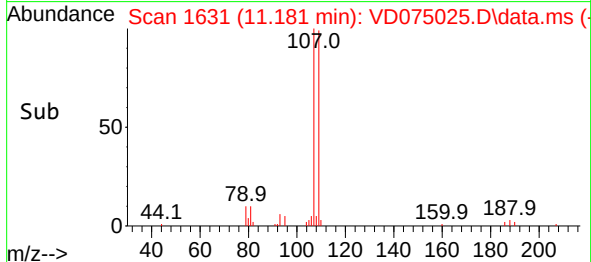
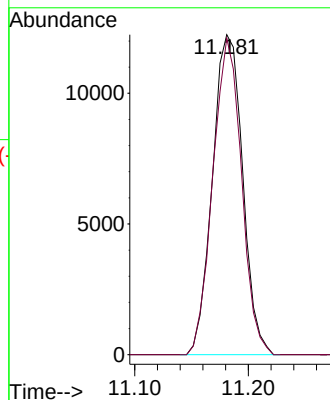
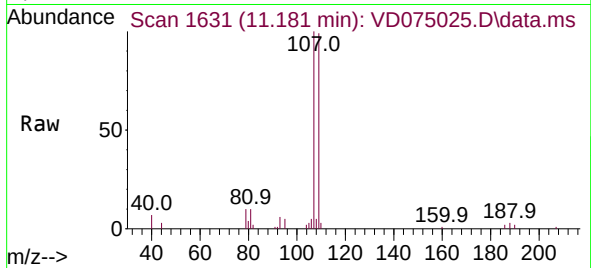




#61
1,2-Dibromoethane
Concen: 20.512 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

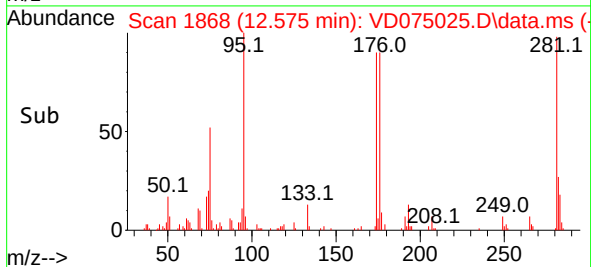
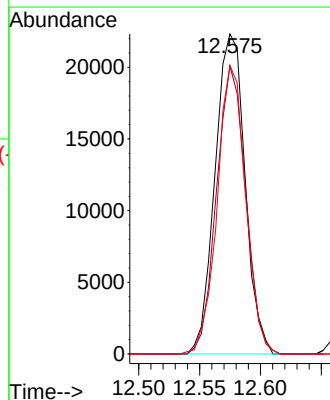
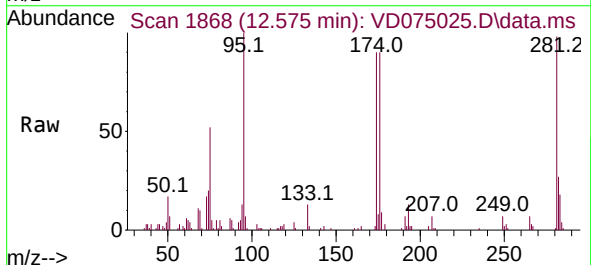
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

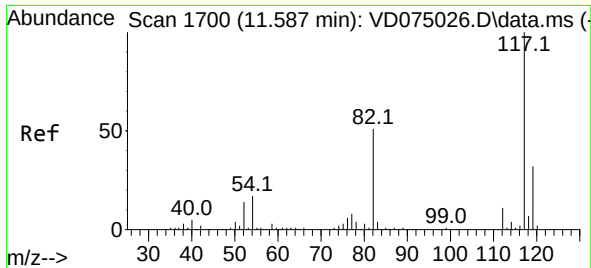
Tgt Ion:107 Resp: 22606
Ion Ratio Lower Upper
107 100
109 94.0 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 19.781 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 95 Resp: 38224
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.2
176 85.7 0.0 165.0

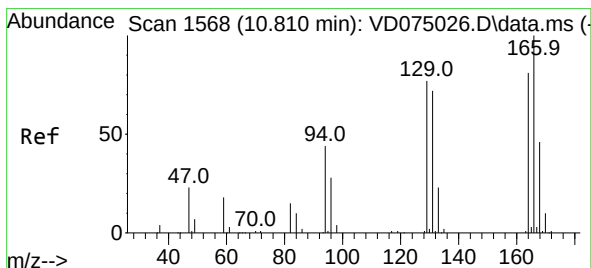
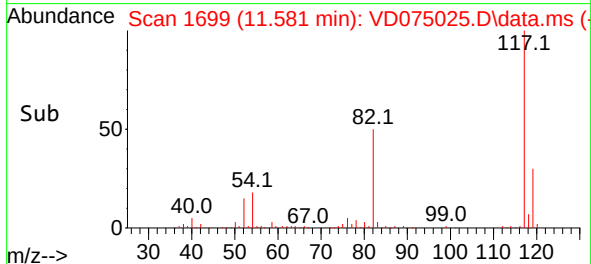
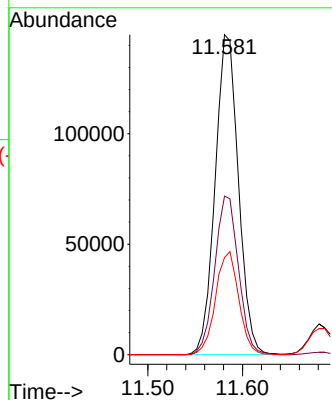
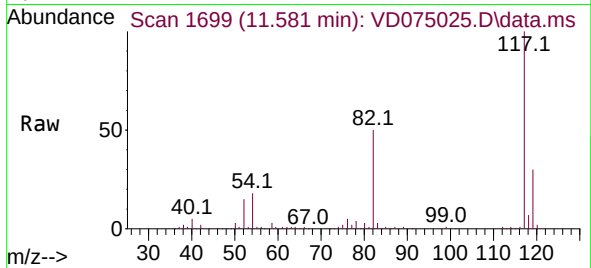




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

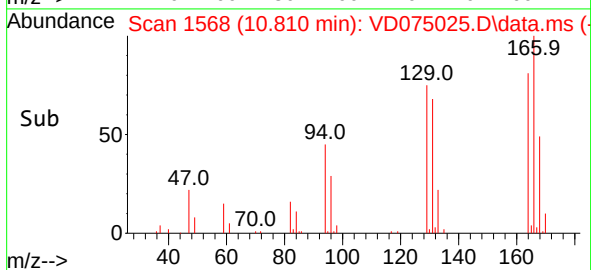
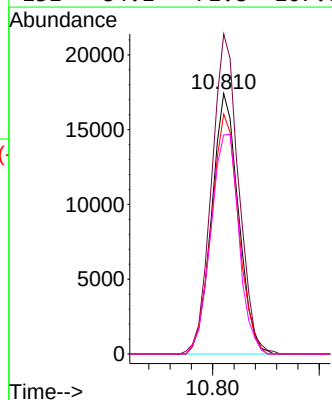
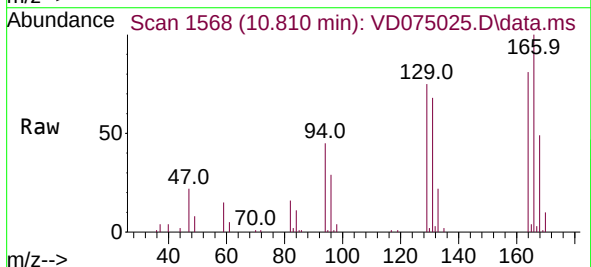
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

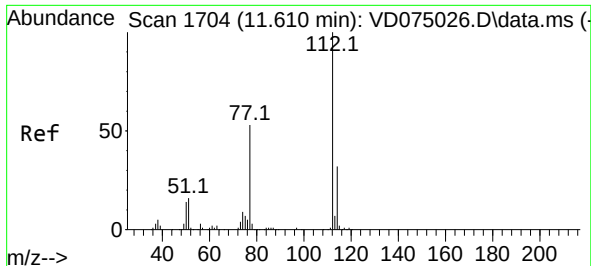
Tgt Ion:117 Resp: 248165
Ion Ratio Lower Upper
117 100
82 49.5 40.9 61.3
119 30.3 25.5 38.3



#64
Tetrachloroethene
Concen: 20.739 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion:164 Resp: 30341
Ion Ratio Lower Upper
164 100
166 122.8 99.4 149.0
129 92.1 76.7 115.1
131 84.1 71.8 107.8

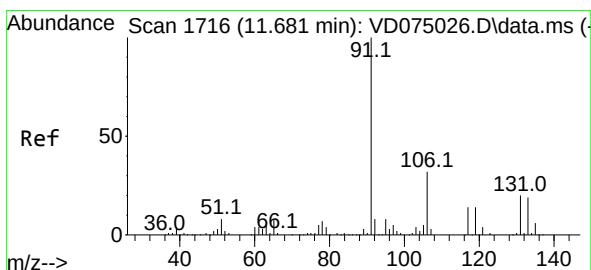
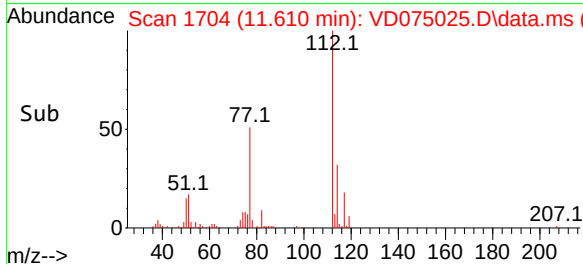
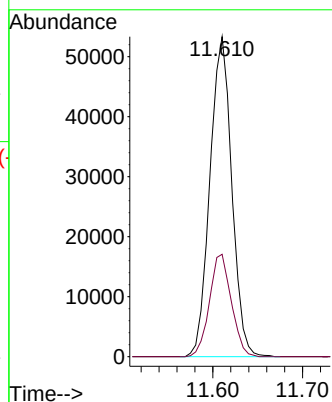
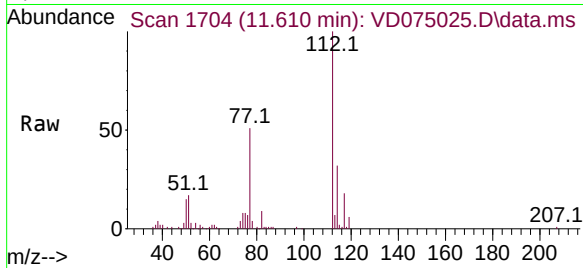




#65
Chlorobenzene
Concen: 20.158 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

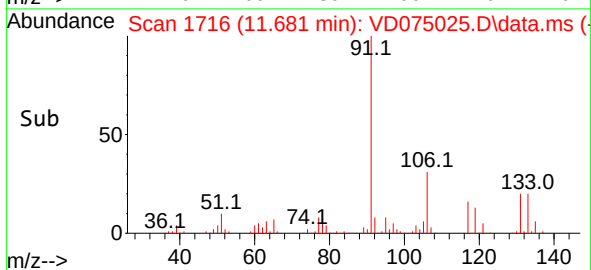
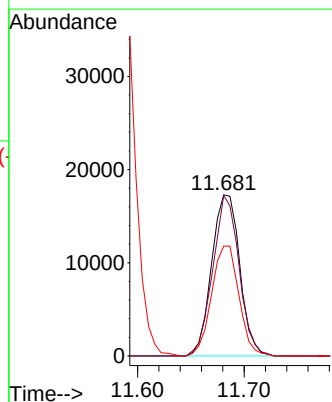
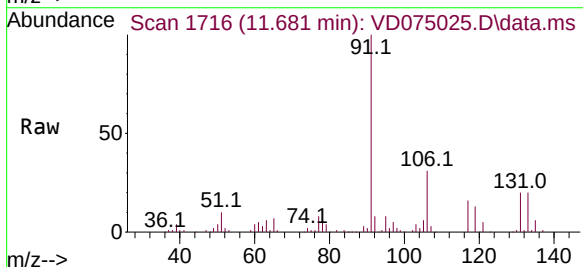
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

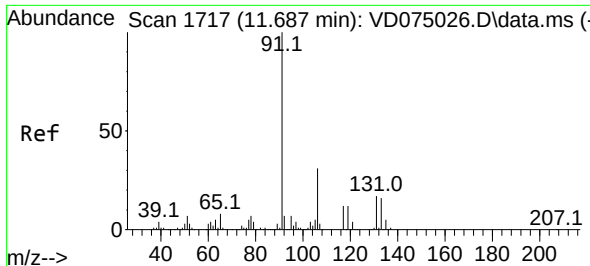
Tgt Ion:112 Resp: 90143
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.709 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion:131 Resp: 31596
Ion Ratio Lower Upper
131 100
133 93.8 48.5 145.6
119 66.5 34.2 102.5

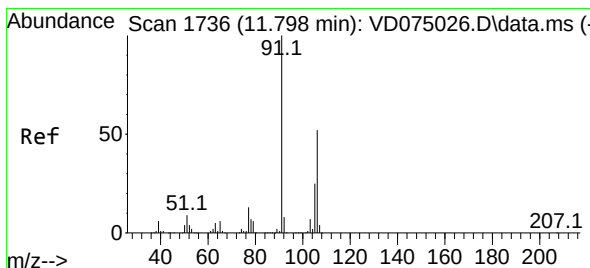
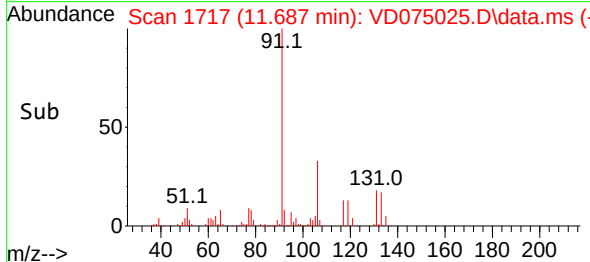
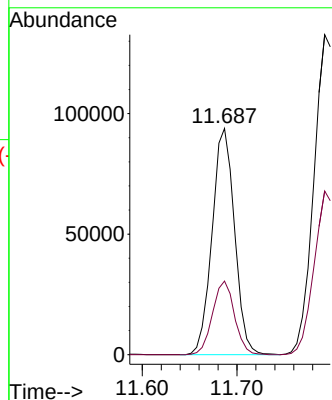
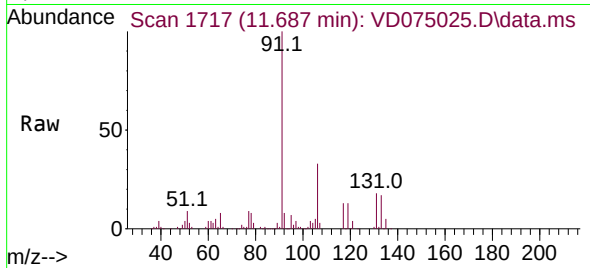




#67
Ethyl Benzene
Concen: 19.805 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

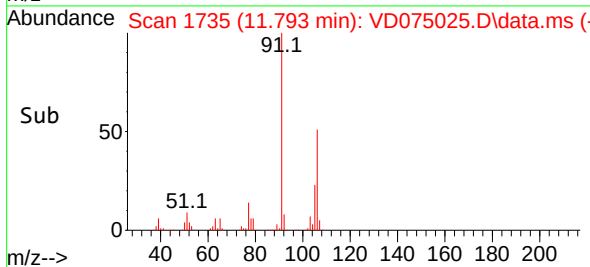
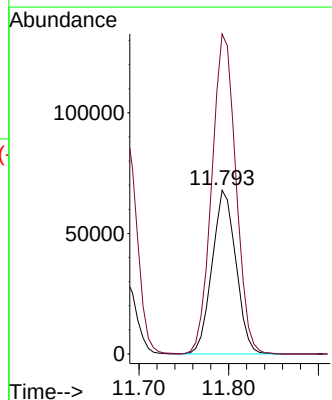
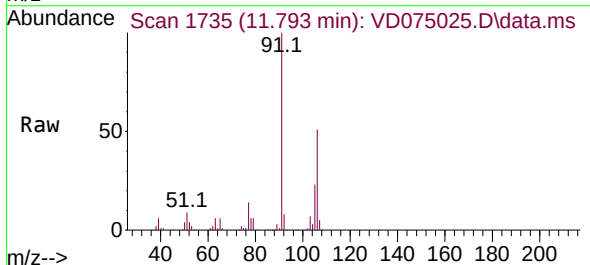
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

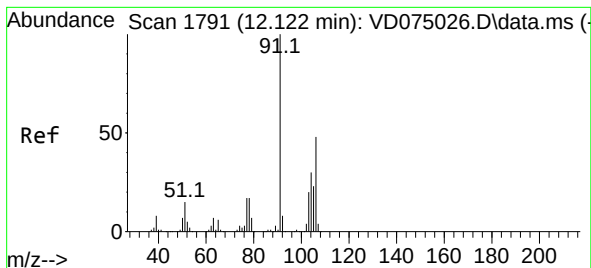
Tgt Ion: 91 Resp: 154227
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3



#68
m/p-Xylenes
Concen: 41.136 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 106 Resp: 125262
Ion Ratio Lower Upper
106 100
91 197.6 156.3 234.5





#69

o-Xylene

Concen: 19.837 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

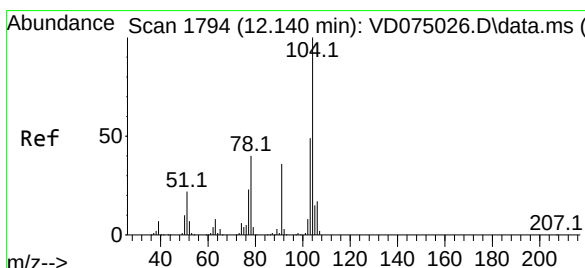
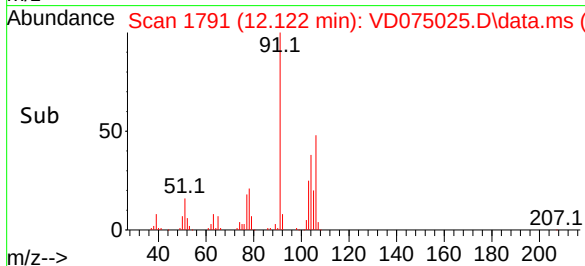
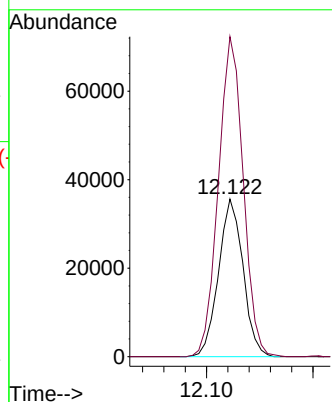
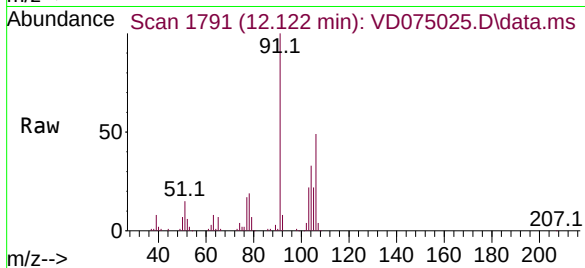
VSTDIC020

Tgt Ion:106 Resp: 56815

Ion Ratio Lower Upper

106 100

91 206.0 102.7 308.1



#70

Styrene

Concen: 20.264 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

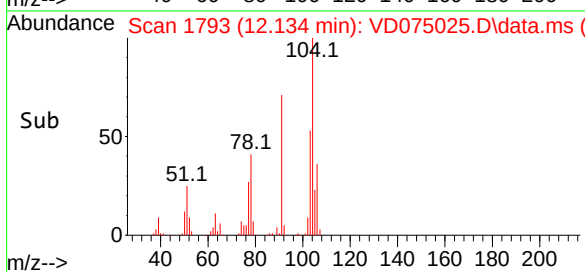
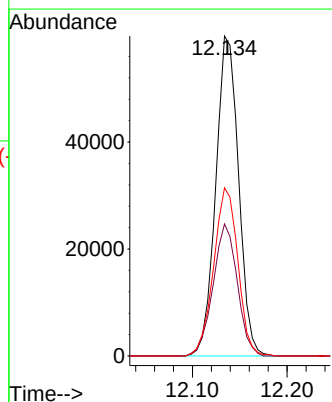
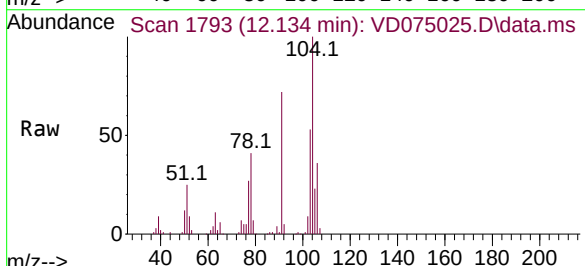
Tgt Ion:104 Resp: 100365

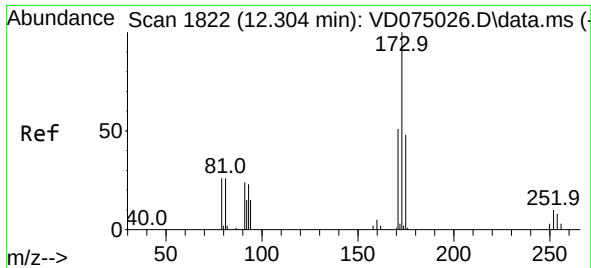
Ion Ratio Lower Upper

104 100

78 43.7 35.5 53.3

103 55.8 43.9 65.9

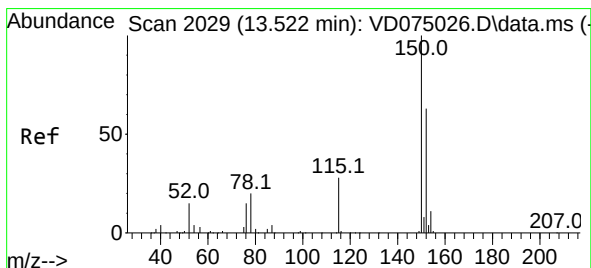
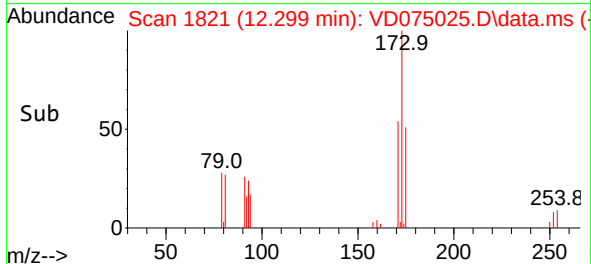
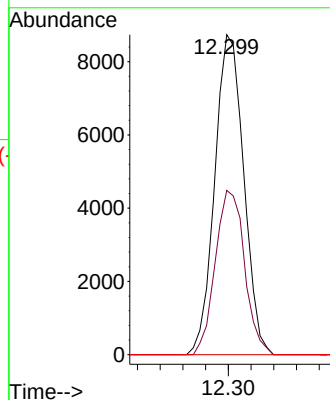
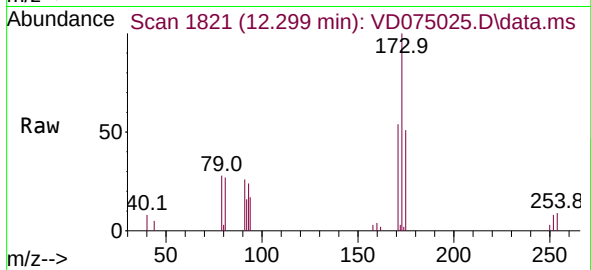




#71
Bromoform
Concen: 18.940 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

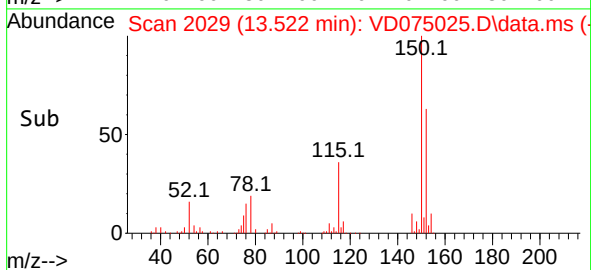
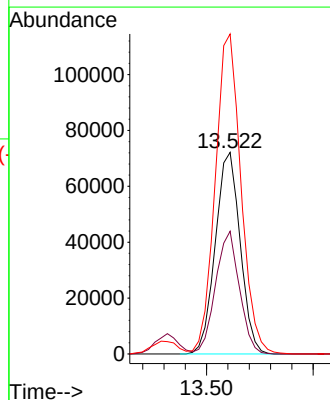
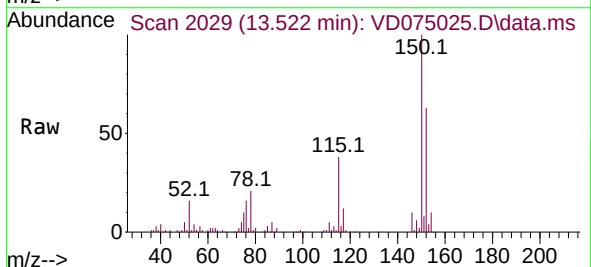
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

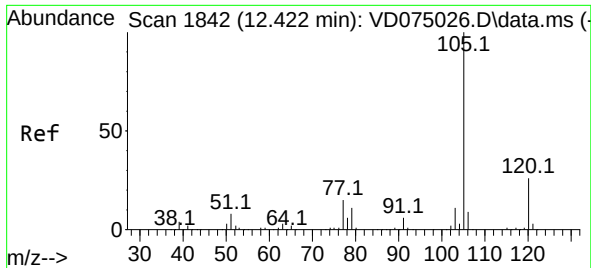
Tgt Ion:173 Resp: 15482
Ion Ratio Lower Upper
173 100
175 51.8 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion:152 Resp: 116675
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 164.5 0.0 354.2

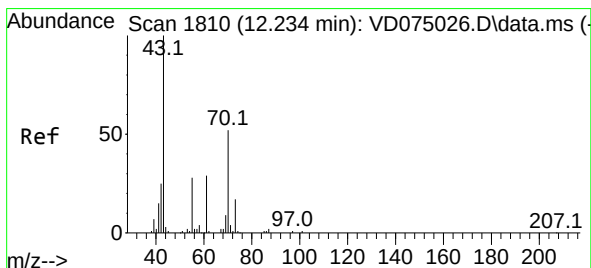
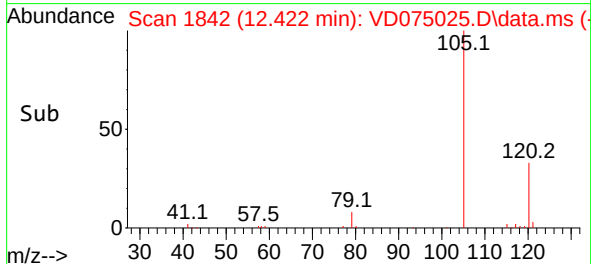
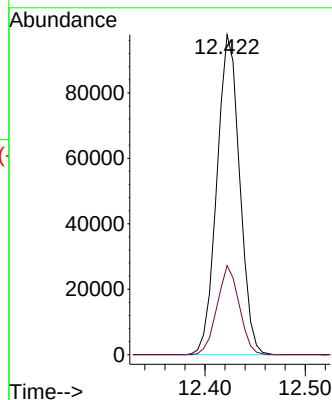
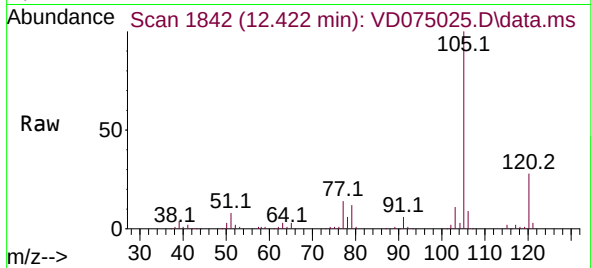




#73
Isopropylbenzene
Concen: 20.177 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

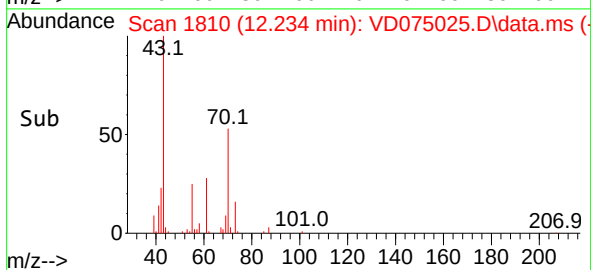
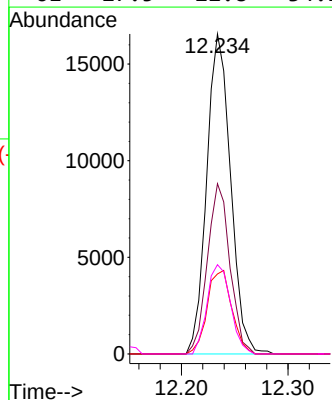
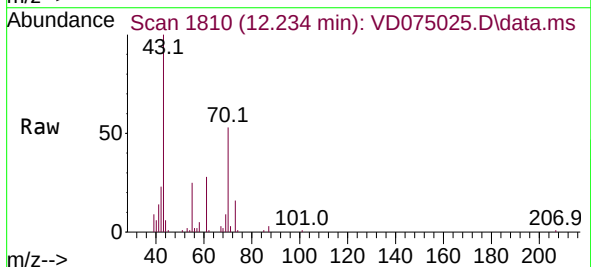
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

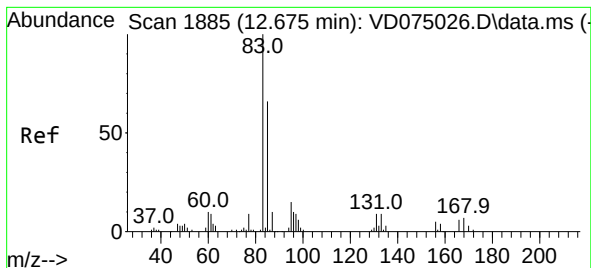
Tgt Ion:105 Resp: 154058
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.6



#74
N-ethyl acetate
Concen: 19.817 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 43 Resp: 25795
Ion Ratio Lower Upper
43 100
70 50.1 40.6 60.8
55 27.0 22.0 33.0
61 27.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.583 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

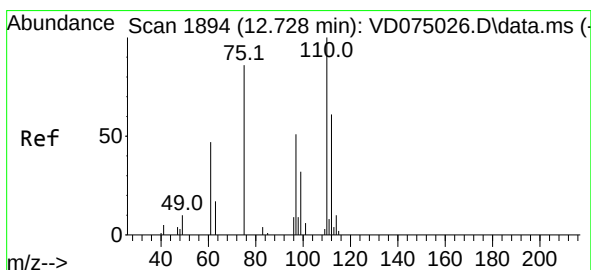
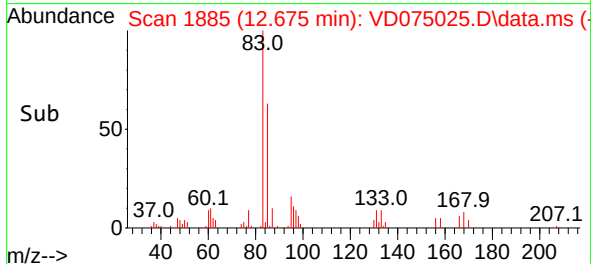
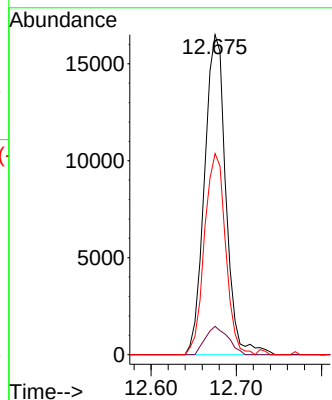
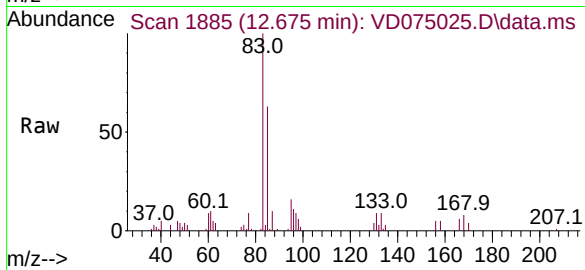
Tgt Ion: 83 Resp: 28680

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 62.1 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 21.682 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD075025.D

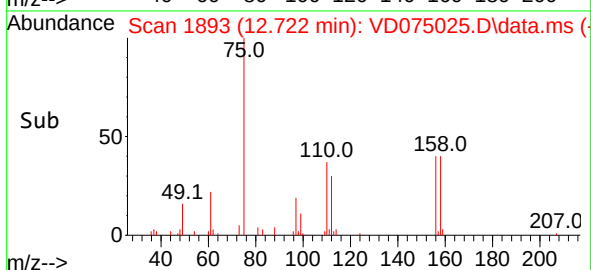
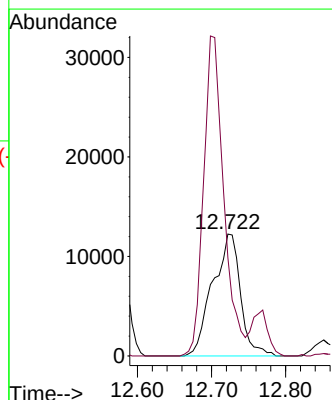
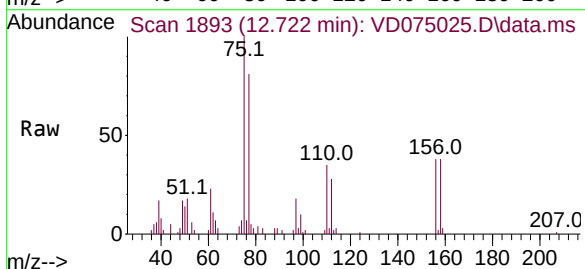
Acq: 15 Dec 2022 13:41

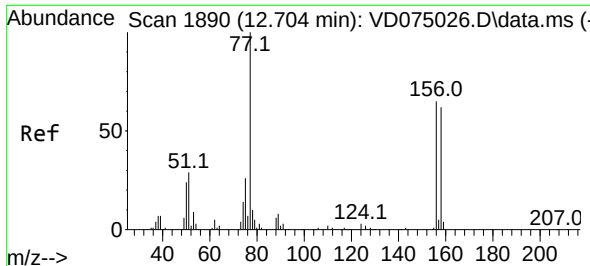
Tgt Ion: 75 Resp: 31949

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

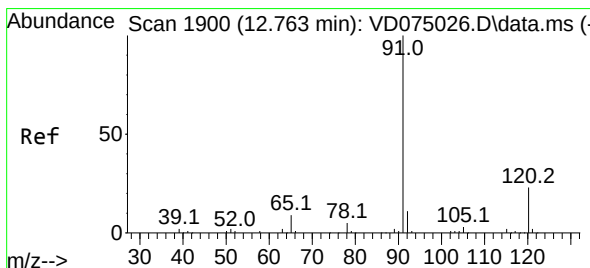
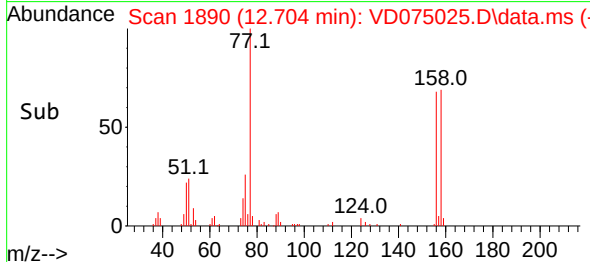
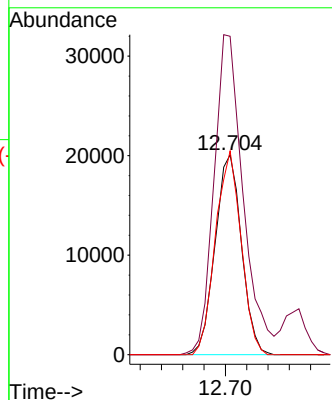
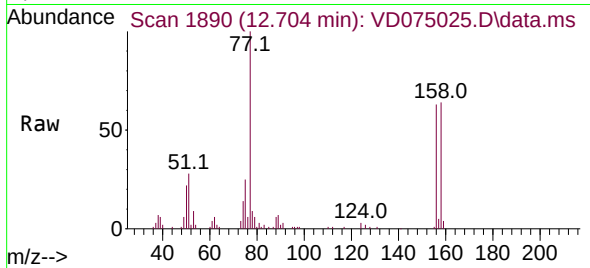




#77
Bromobenzene
Concen: 19.866 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

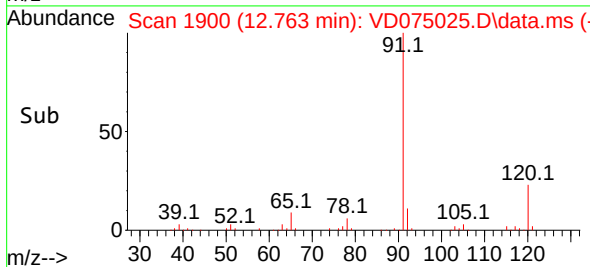
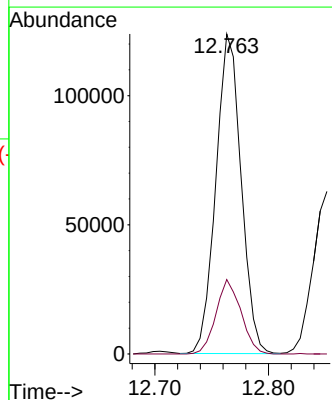
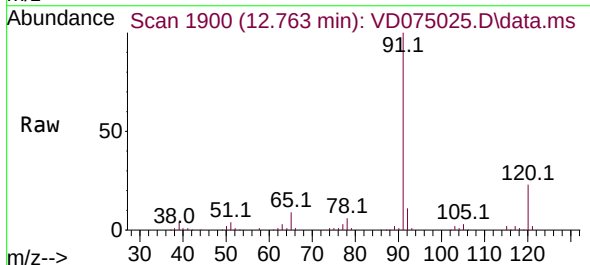
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

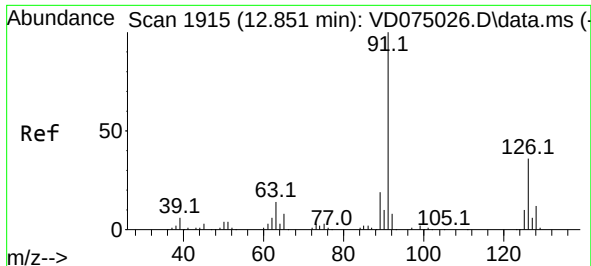
Tgt Ion:156 Resp: 34546
Ion Ratio Lower Upper
156 100
77 176.5 86.3 258.9
158 98.9 48.3 144.9



#78
n-propylbenzene
Concen: 20.448 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 91 Resp: 190854
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7

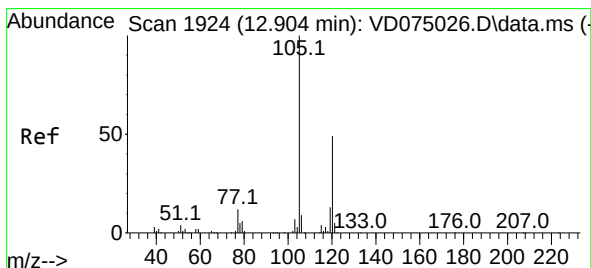
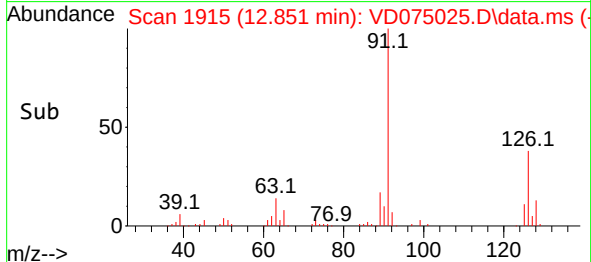
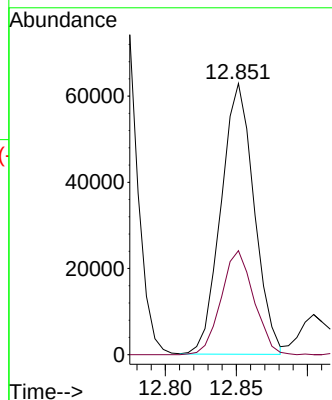
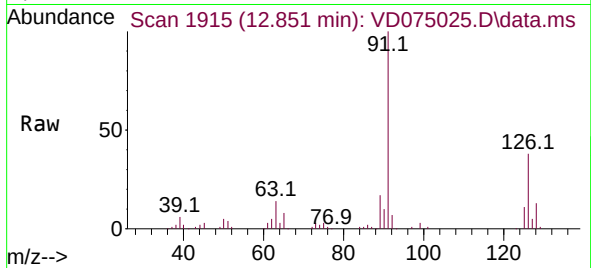




#79
2-Chlorotoluene
Concen: 19.866 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

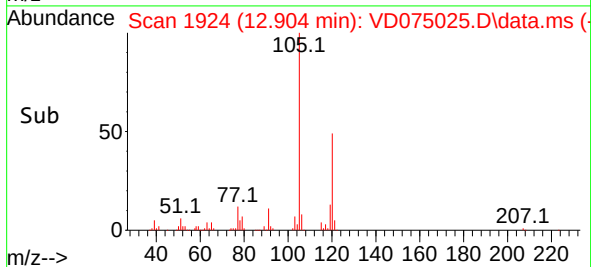
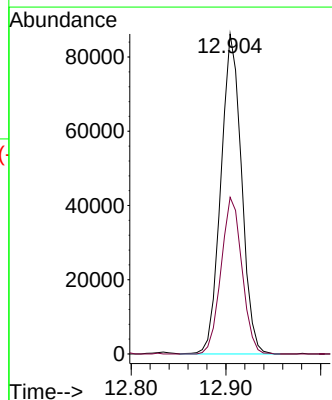
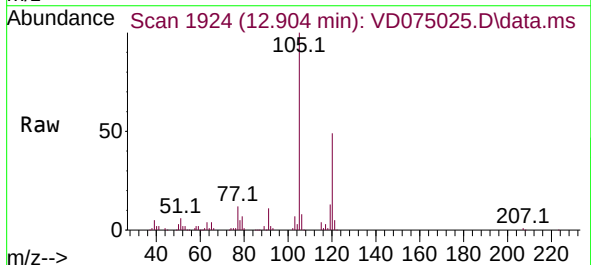
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

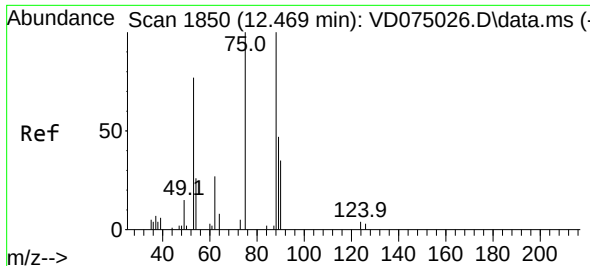
Tgt Ion: 91 Resp: 102138
Ion Ratio Lower Upper
91 100
126 37.8 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 20.619 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 105 Resp: 130691
Ion Ratio Lower Upper
105 100
120 49.5 25.1 75.3

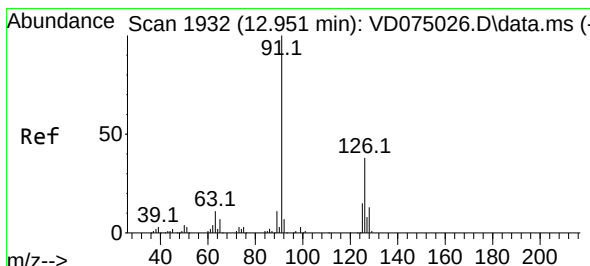
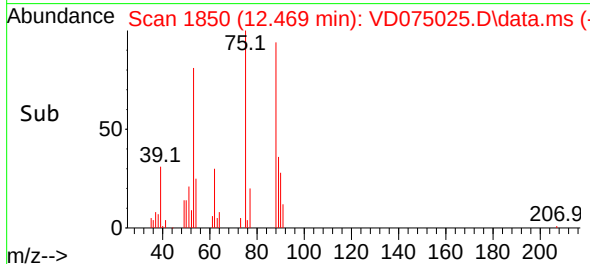
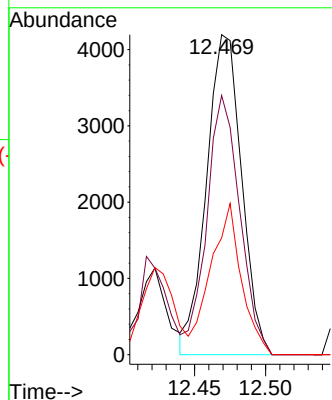
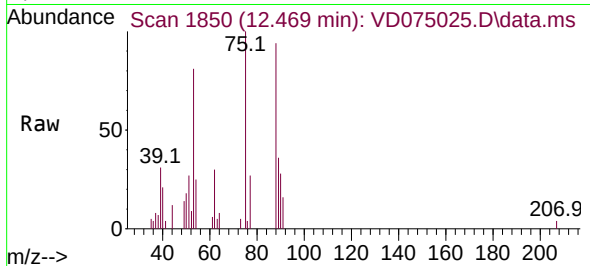




#81
trans-1,4-Dichloro-2-butene
Concen: 19.820 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

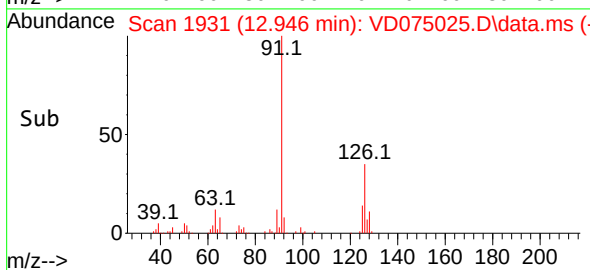
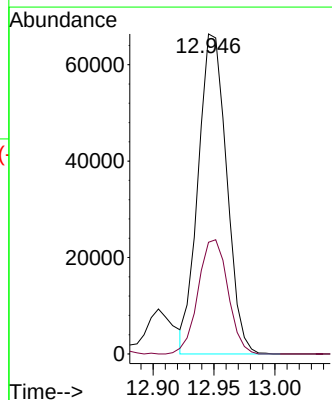
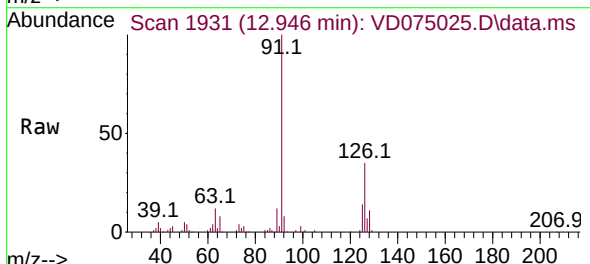
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

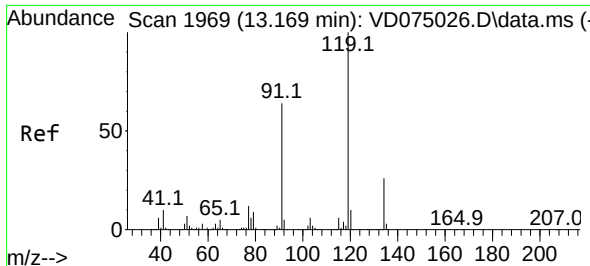
Tgt Ion: 75	Resp: 7194
Ion Ratio	Lower Upper
75	100
53	76.6 60.0 90.0
89	41.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.291 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 91	Resp: 107991
Ion Ratio	Lower Upper
91	100
126	37.3 18.1 54.1

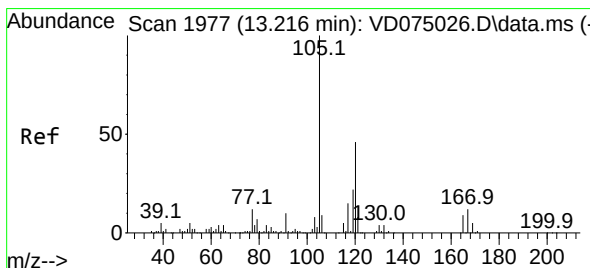
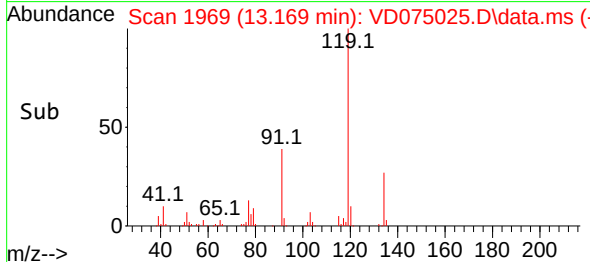
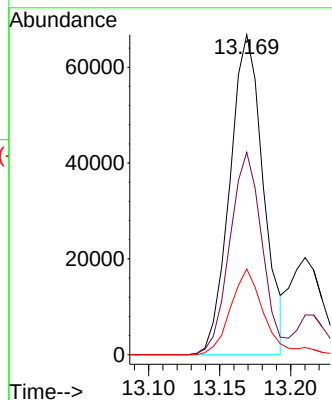
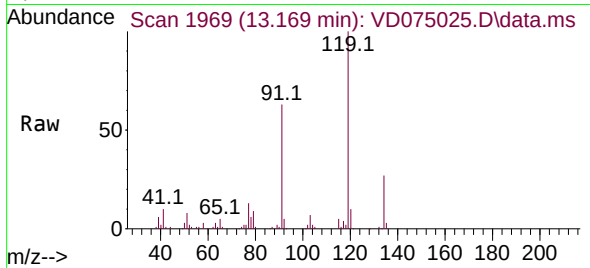




#83
tert-Butylbenzene
Concen: 20.062 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

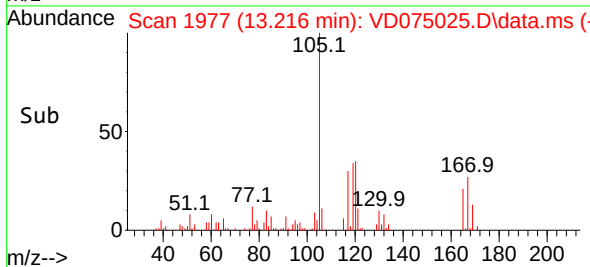
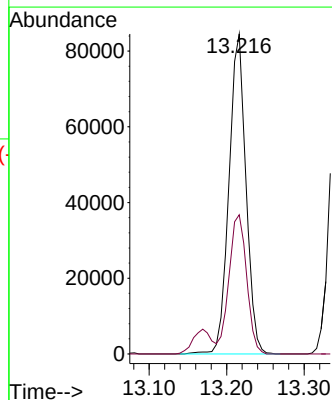
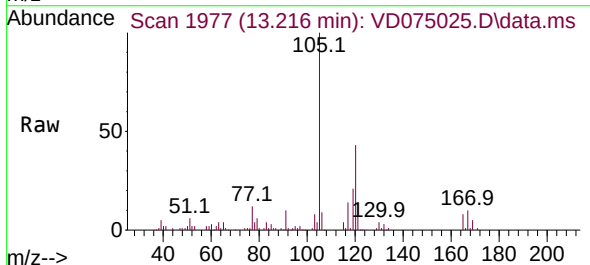
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

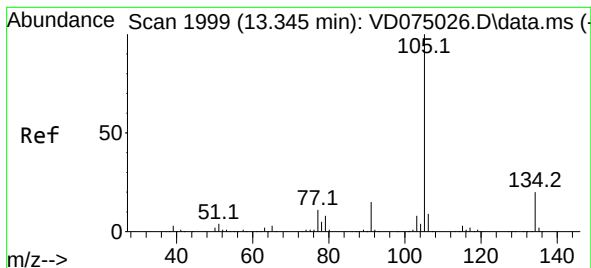
Tgt Ion:119 Resp: 109754
Ion Ratio Lower Upper
119 100
91 61.6 31.2 93.6
134 27.0 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 20.515 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion:105 Resp: 128876
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.185 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

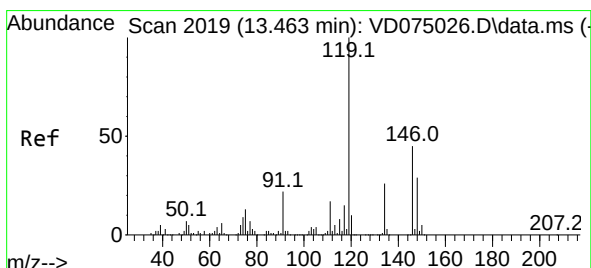
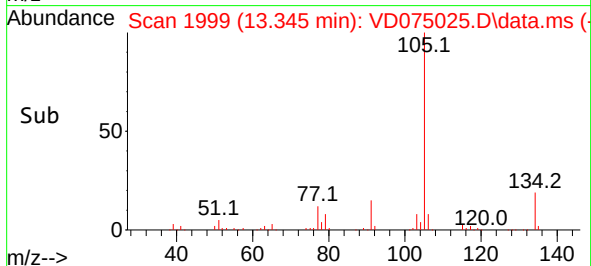
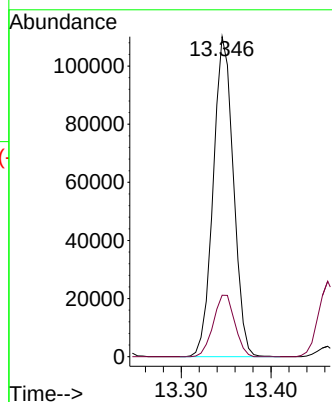
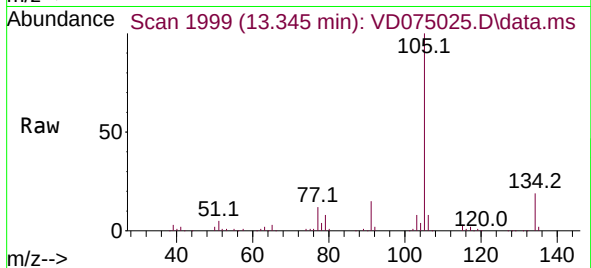
VSTDIC020

Tgt Ion:105 Resp: 172217

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.051 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

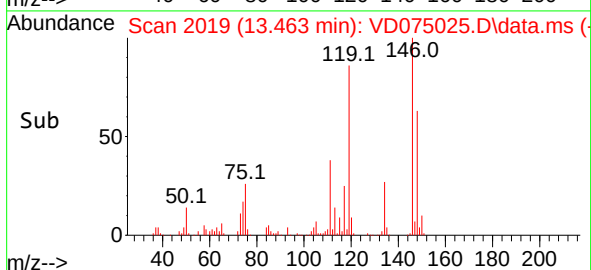
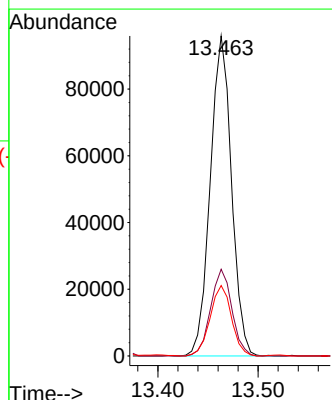
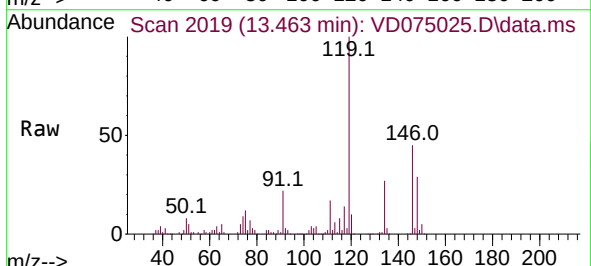
Tgt Ion:119 Resp: 141292

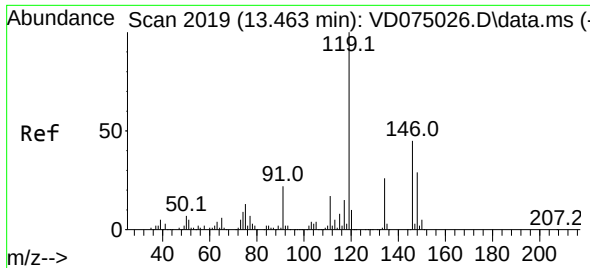
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 22.2 11.1 33.1

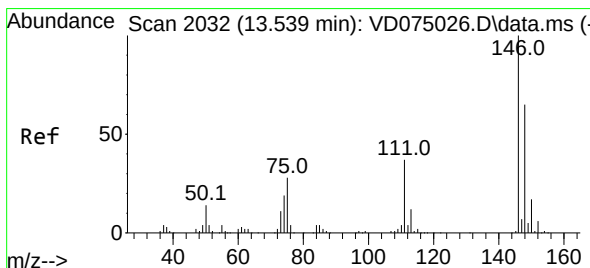
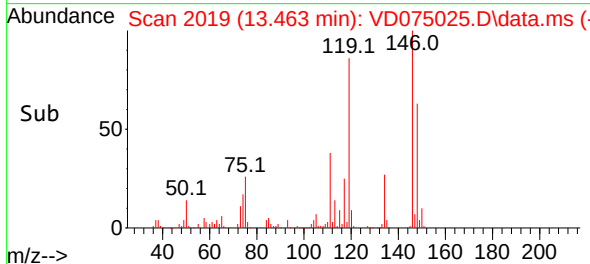
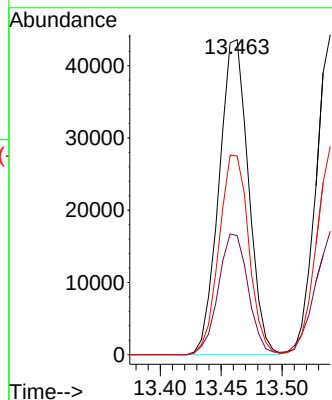
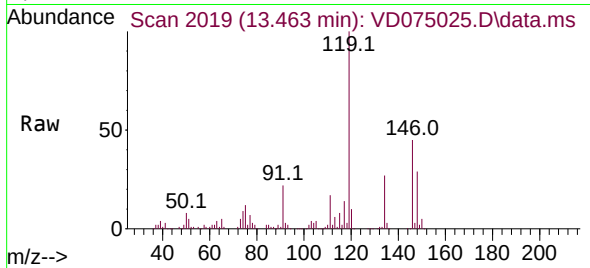




#87
 1,3-Dichlorobenzene
 Concen: 19.832 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075025.D
 Acq: 15 Dec 2022 13:41

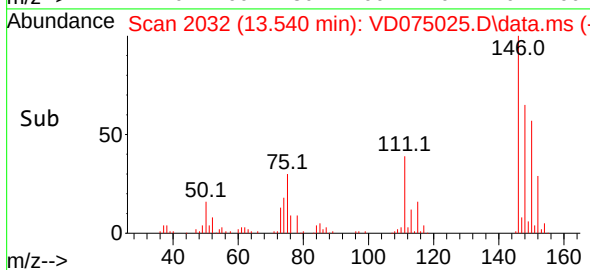
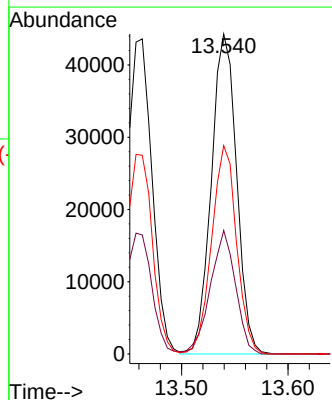
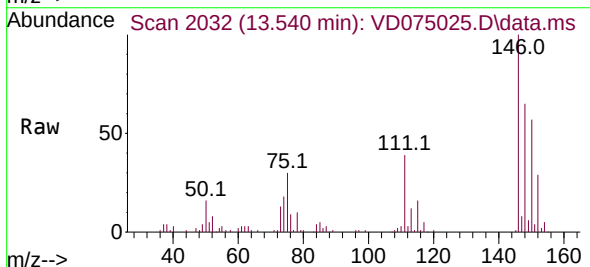
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

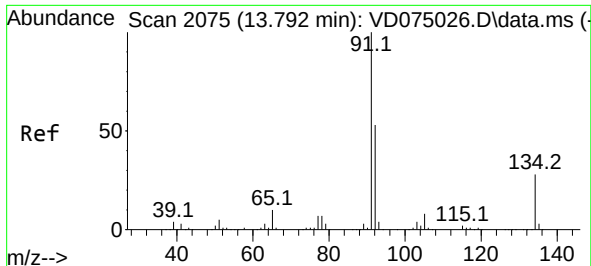
Tgt Ion:146 Resp: 73174
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.1 57.5
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.125 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD075025.D
 Acq: 15 Dec 2022 13:41

Tgt Ion:146 Resp: 72998
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.6
 148 64.2 32.0 96.2

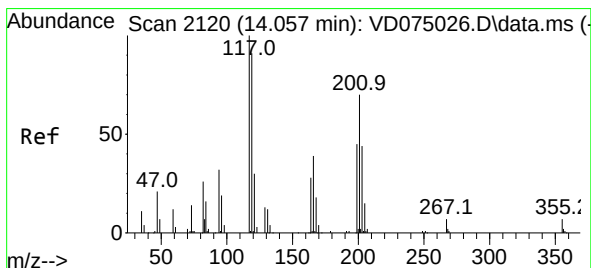
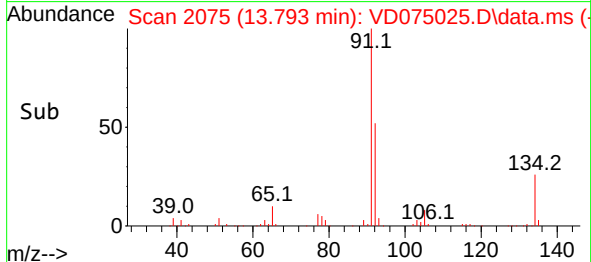
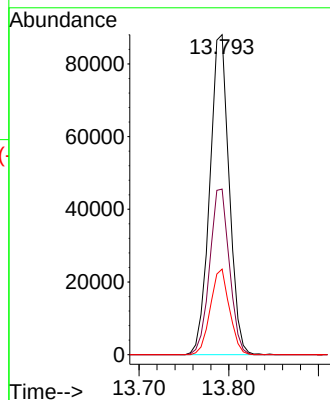
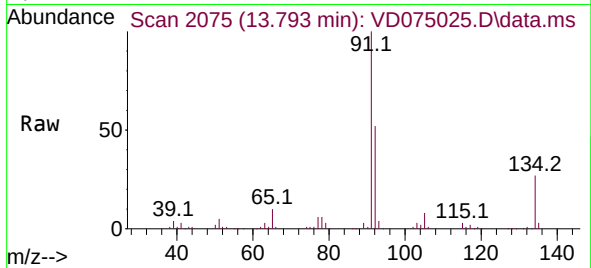




#89
n-Butylbenzene
Concen: 19.944 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

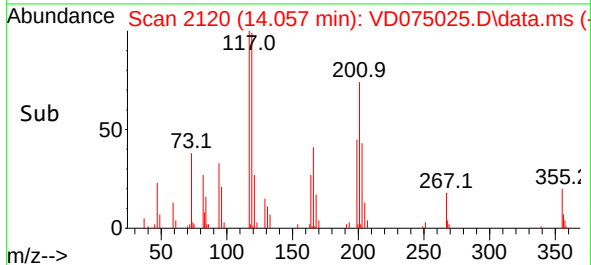
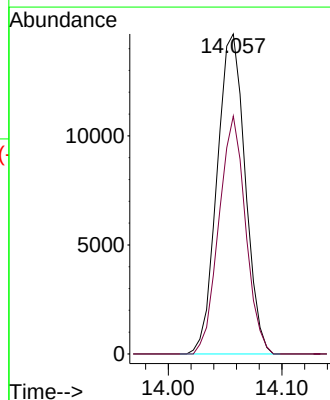
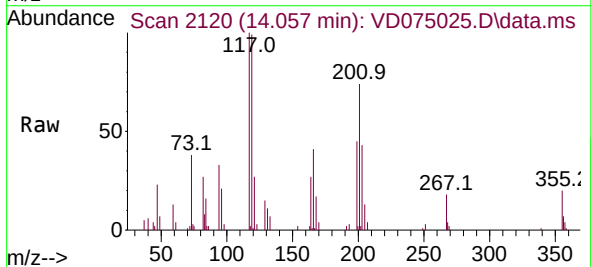
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

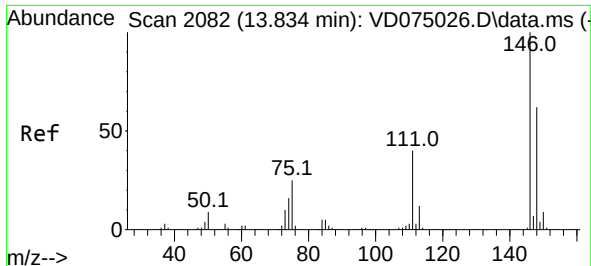
Tgt Ion: 91 Resp: 131809
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.3
134 26.3 13.3 39.8



#90
Hexachloroethane
Concen: 19.936 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion: 117 Resp: 25254
Ion Ratio Lower Upper
117 100
201 70.4 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 19.903 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

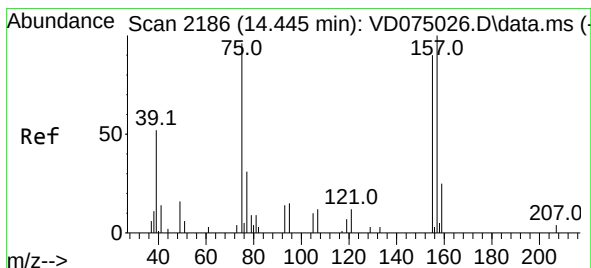
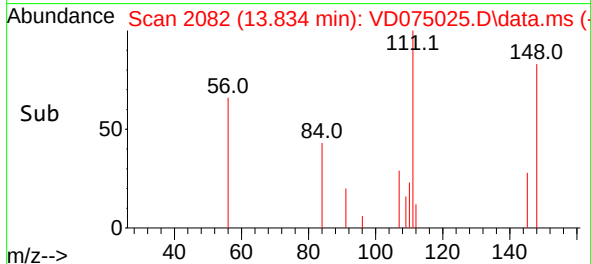
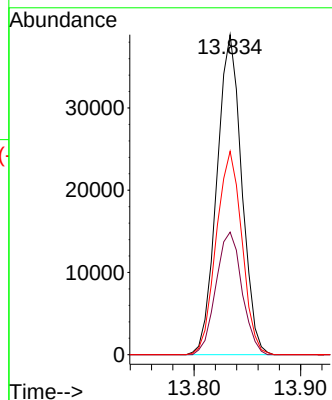
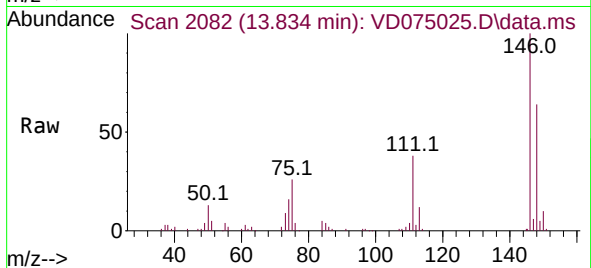
Tgt Ion:146 Resp: 62980

Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.7

148 65.8 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.315 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

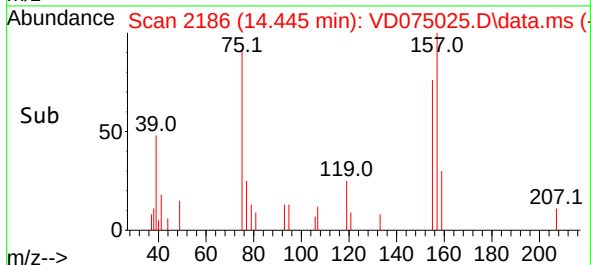
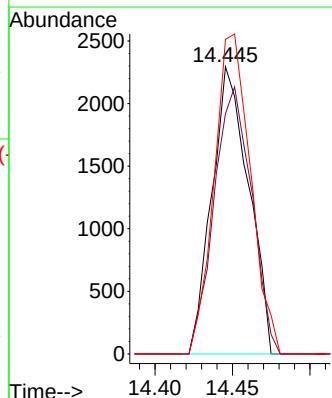
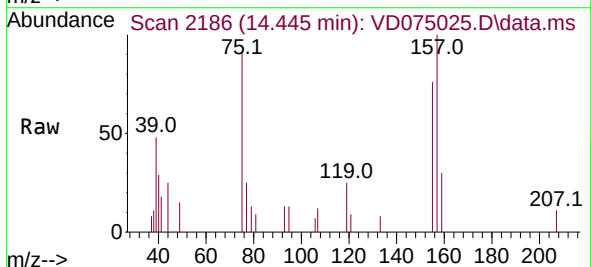
Tgt Ion: 75 Resp: 3771

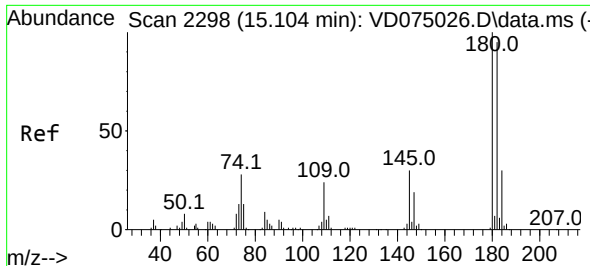
Ion Ratio Lower Upper

75 100

155 95.4 47.1 141.4

157 110.7 56.7 170.1

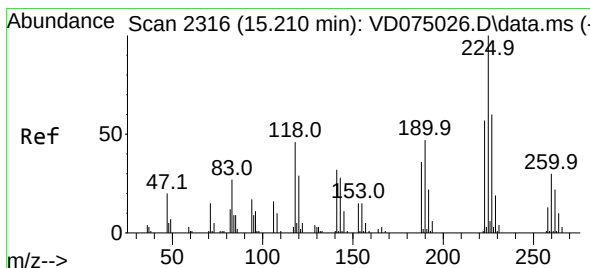
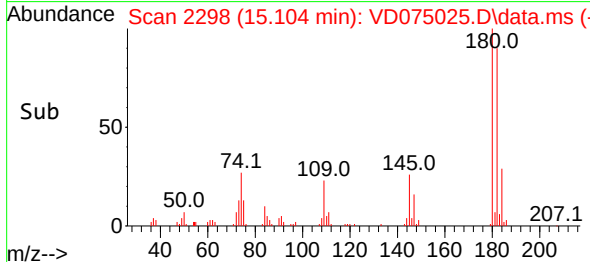
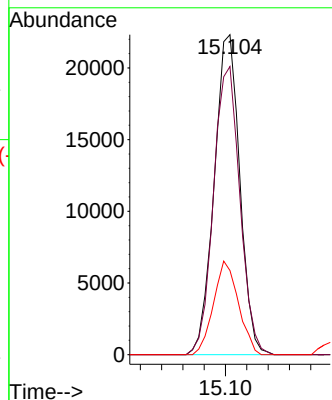
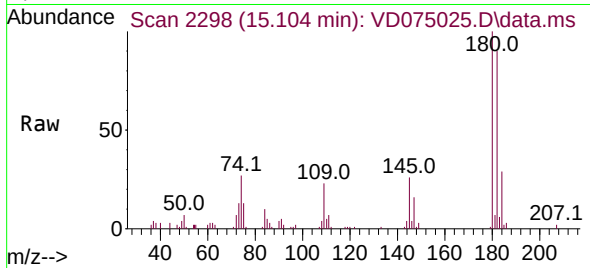




#93
1,2,4-Trichlorobenzene
Concen: 19.483 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

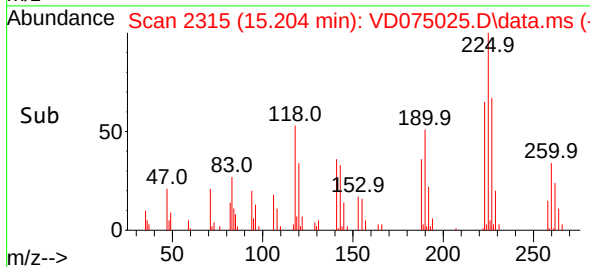
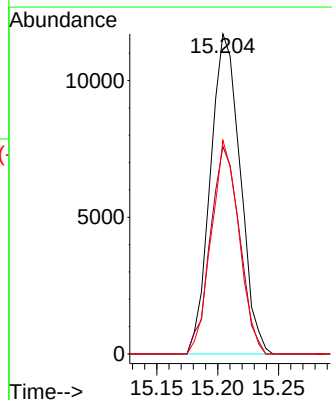
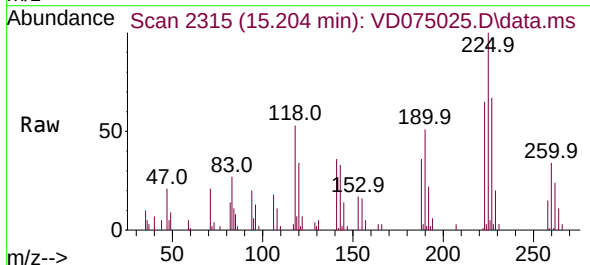
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

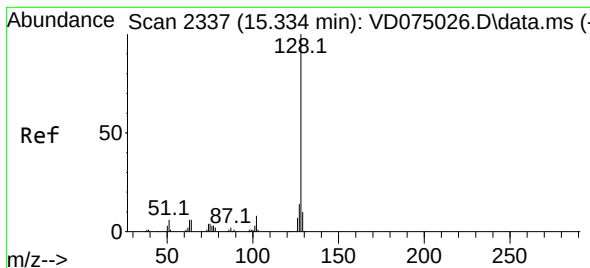
Tgt Ion:180 Resp: 37211
Ion Ratio Lower Upper
180 100
182 92.8 48.5 145.5
145 28.5 14.9 44.5



#94
Hexachlorobutadiene
Concen: 19.669 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.006 min
Lab File: VD075025.D
Acq: 15 Dec 2022 13:41

Tgt Ion:225 Resp: 19937
Ion Ratio Lower Upper
225 100
223 63.6 31.0 93.0
227 61.8 31.0 93.0





#95

Naphthalene

Concen: 18.874 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

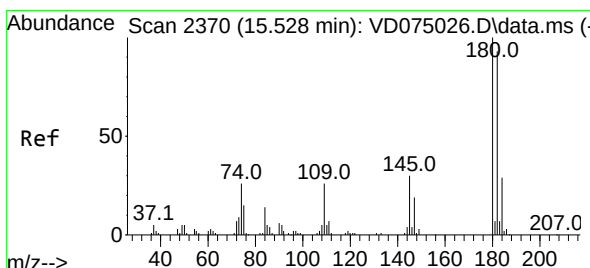
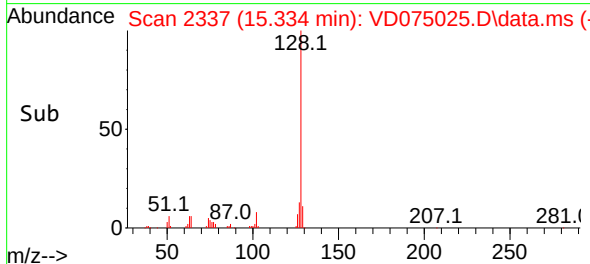
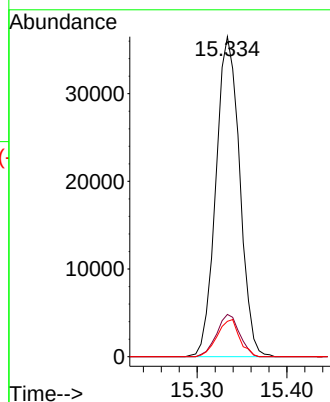
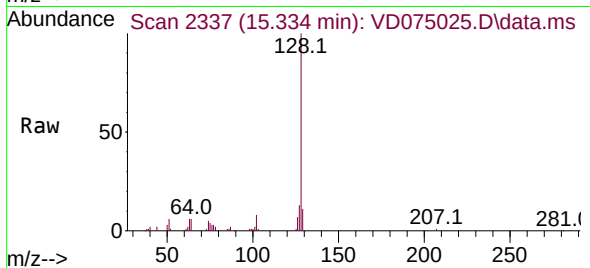
Tgt Ion:128 Resp: 67174

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.106 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075025.D

Acq: 15 Dec 2022 13:41

Tgt Ion:180 Resp: 31933

Ion Ratio Lower Upper

180 100

182 91.5 46.3 138.9

145 32.1 15.3 45.9

