

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
 Data File : VD075128.D
 Acq On : 18 Jan 2023 12:42
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 19 01:10:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	99818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	144508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	94216	92.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.940%#	
35) Dibromofluoromethane	7.810	113	98092	97.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 195.400%#	
50) Toluene-d8	10.269	98	380306	97.395	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 194.780%#	
62) 4-Bromofluorobenzene	12.575	95	117766	95.522	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 191.040%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	74462	85.341	ug/l	99
3) Chloromethane	2.146	50	110994	85.114	ug/l	100
4) Vinyl Chloride	2.281	62	128037	92.192	ug/l	99
5) Bromomethane	2.681	94	82919	86.727	ug/l	99
6) Chloroethane	2.834	64	88867	93.132	ug/l	97
7) Trichlorofluoromethane	3.175	101	166061	95.056	ug/l	98
8) Diethyl Ether	3.593	74	53282	94.905	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	103512	94.708	ug/l	99
10) Methyl Iodide	4.164	142	152278	105.280	ug/l	99
11) Tert butyl alcohol	5.052	59	30005	411.309	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	107121	93.679	ug/l	97
13) Acrolein	3.793	56	26746	381.943	ug/l	96
14) Allyl chloride	4.558	41	170963	93.824	ug/l	98
15) Acrylonitrile	5.258	53	111989	459.933	ug/l	97
16) Acetone	4.022	43	135837	498.007	ug/l	99
17) Carbon Disulfide	4.269	76	341305	92.142	ug/l	99
18) Methyl Acetate	4.558	43	64922	88.181	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	225247	93.821	ug/l	98
20) Methylene Chloride	4.799	84	125499	72.000	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	116292	92.696	ug/l	99
22) Diisopropyl ether	6.216	45	315545	91.628	ug/l	99
23) Vinyl Acetate	6.158	43	761986	509.412	ug/l	98
24) 1,1-Dichloroethane	6.111	63	200112	92.305	ug/l	98
25) 2-Butanone	7.081	43	151060	461.466	ug/l	97
26) 2,2-Dichloropropane	7.081	77	175977	92.192	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	129457	92.995	ug/l	98
28) Bromochloromethane	7.428	49	51552	86.872	ug/l	97
29) Tetrahydrofuran	7.446	42	85422	457.729	ug/l	98
30) Chloroform	7.599	83	196871	91.344	ug/l	99
31) Cyclohexane	7.881	56	178703	88.359	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	175319	93.609	ug/l	99
36) 1,1-Dichloropropene	8.010	75	156466	97.680	ug/l	99
37) Ethyl Acetate	7.175	43	58920	89.698	ug/l	98
38) Carbon Tetrachloride	7.993	117	143279	107.734	ug/l	96
39) Methylcyclohexane	9.275	83	197061	100.348	ug/l	98
40) Benzene	8.252	78	437904	96.253	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	30814	77.864	ug/l	89
42) 1,2-Dichloroethane	8.328	62	117078	97.114	ug/l	100
43) Isopropyl Acetate	8.357	43	120052	95.625	ug/l	99
44) Trichloroethene	9.028	130	124138	97.671	ug/l	98
45) 1,2-Dichloropropane	9.305	63	107821	96.324	ug/l	99
46) Dibromomethane	9.399	93	56994	95.192	ug/l	98
47) Bromodichloromethane	9.587	83	146234	99.652	ug/l	94
48) Methyl methacrylate	9.381	41	60389	98.934	ug/l	96
49) 1,4-Dioxane	9.387	88	10771	1906.744	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	297355	489.388	ug/l	98
52) Toluene	10.334	92	273463	95.605	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	140477	101.231	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	168617	99.066	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	74368	95.957	ug/l	97
56) Ethyl methacrylate	10.599	69	94549	98.629	ug/l	99
57) 1,3-Dichloropropane	10.881	76	129957	96.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	162760	507.825	ug/l	99
59) 2-Hexanone	10.922	43	216582	491.515	ug/l	100
60) Dibromochloromethane	11.075	129	93345	98.487	ug/l	99
61) 1,2-Dibromoethane	11.181	107	71498	95.423	ug/l	99
64) Tetrachloroethene	10.810	164	100049	96.569	ug/l	98
65) Chlorobenzene	11.610	112	280992	96.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	97906	98.932	ug/l	95
67) Ethyl Benzene	11.687	91	521627	97.825	ug/l	99
68) m/p-Xylenes	11.793	106	398055	193.726	ug/l	100
69) o-Xylene	12.122	106	186962	96.623	ug/l	96
70) Styrene	12.140	104	310062	95.771	ug/l	98
71) Bromoform	12.298	173	53114	101.888	ug/l #	95
73) Isopropylbenzene	12.422	105	498545	101.049	ug/l	98
74) N-amyl acetate	12.234	43	110144	101.572	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	77428	96.316	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	100910	169.695	ug/l #	100
77) Bromobenzene	12.704	156	110681	98.771	ug/l	98
78) n-propylbenzene	12.769	91	604678	98.804	ug/l	99
79) 2-Chlorotoluene	12.851	91	327943	97.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	409070	100.884	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	23991	105.492	ug/l	95
82) 4-Chlorotoluene	12.951	91	335953	96.670	ug/l	100
83) tert-Butylbenzene	13.169	119	352991	99.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	394661	99.293	ug/l	99
85) sec-Butylbenzene	13.345	105	532931	99.827	ug/l	98
86) p-Isopropyltoluene	13.463	119	441202	100.558	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	212372	95.835	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	211306	98.017	ug/l	99
89) n-Butylbenzene	13.793	91	426802	100.263	ug/l	99
90) Hexachloroethane	14.057	117	77415	101.539	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	183265	97.016	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12243	100.464	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	124398	101.569	ug/l	98
94) Hexachlorobutadiene	15.210	225	62745	103.796	ug/l	99
95) Naphthalene	15.334	128	237651	97.739	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	106776	100.615	ug/l	100

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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:06:43 2023
Response via : Initial Calibration

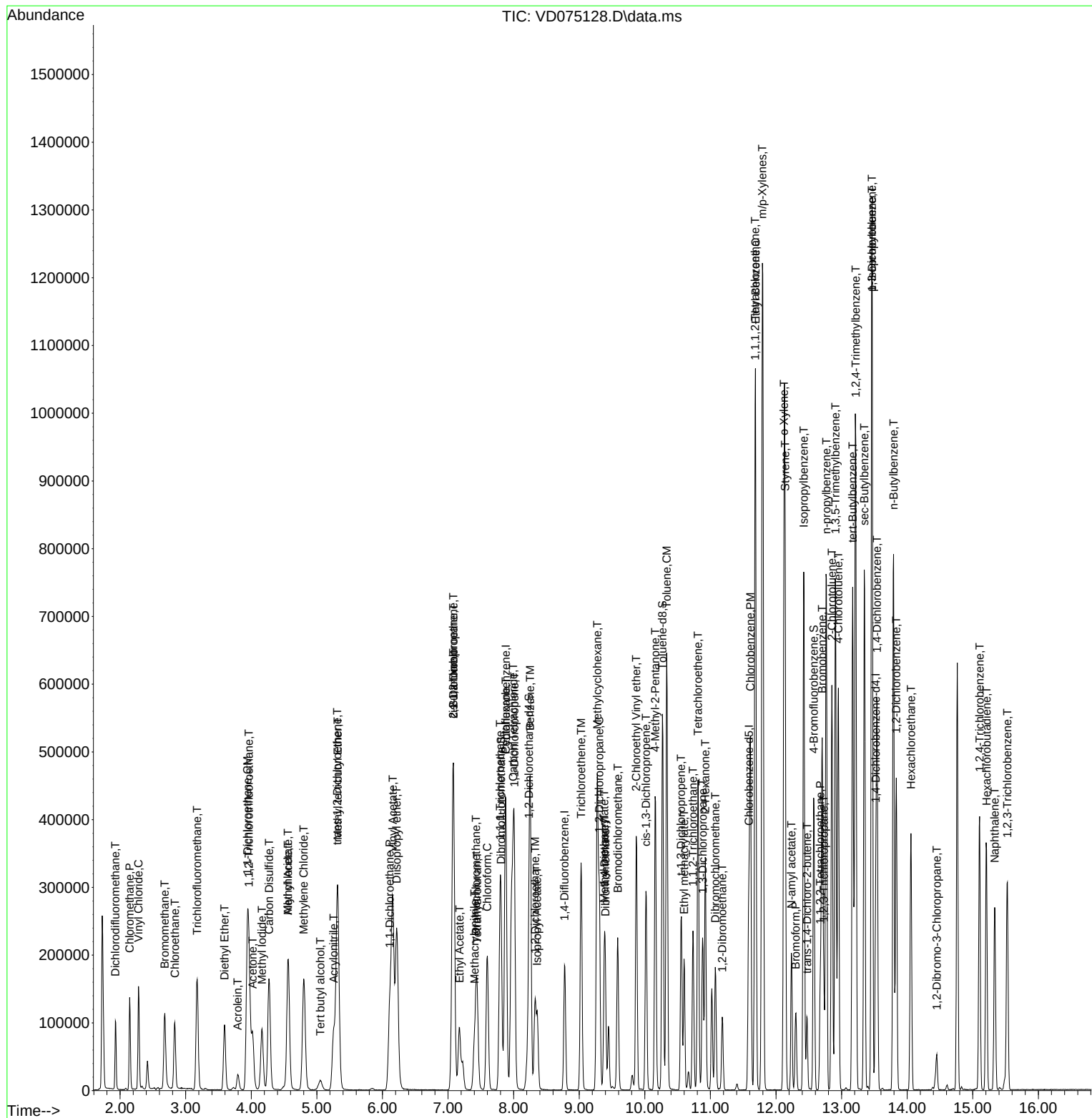
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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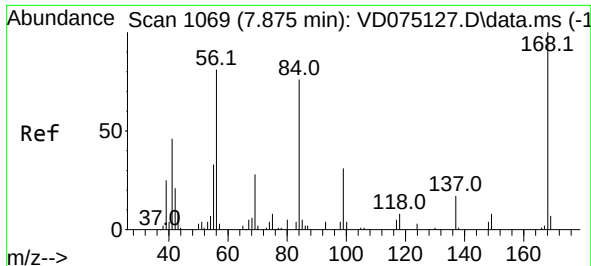
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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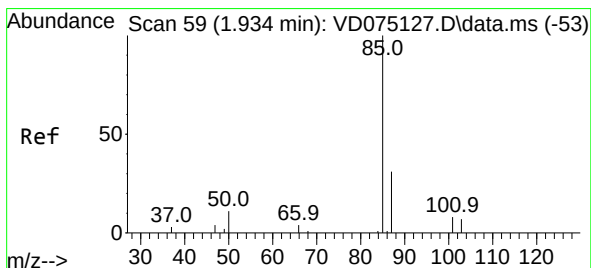
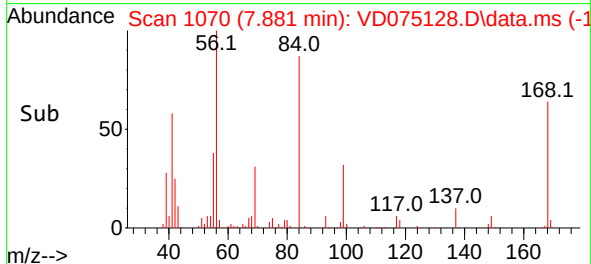
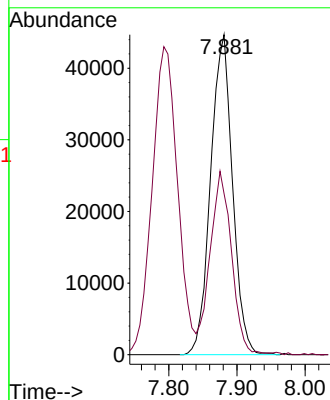
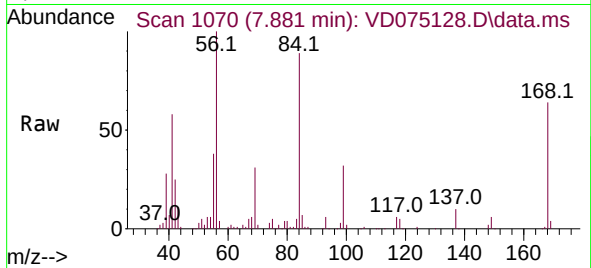




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075128.D
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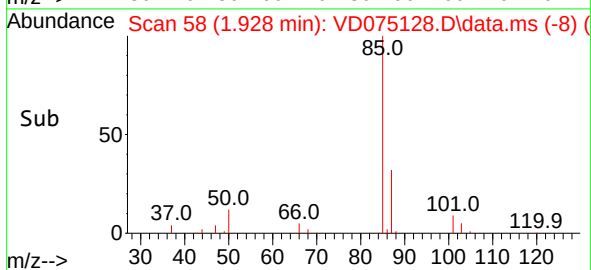
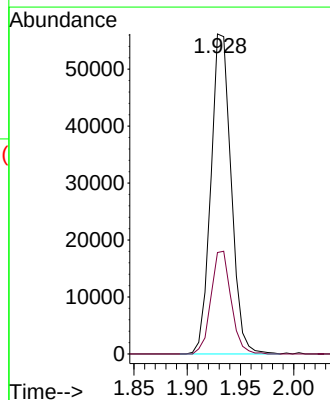
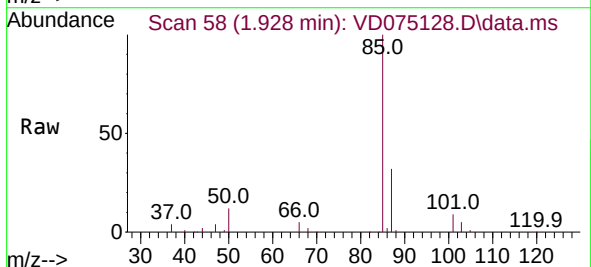
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

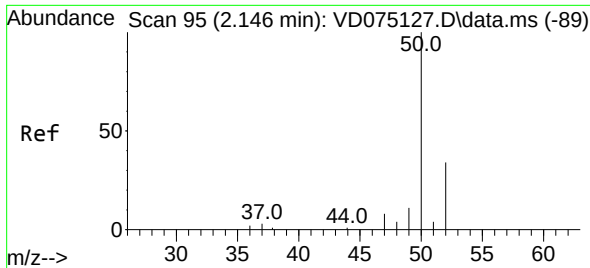
Tgt Ion:168 Resp: 99818
Ion Ratio Lower Upper
168 100
99 49.9 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 85.341 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 85 Resp: 74462
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

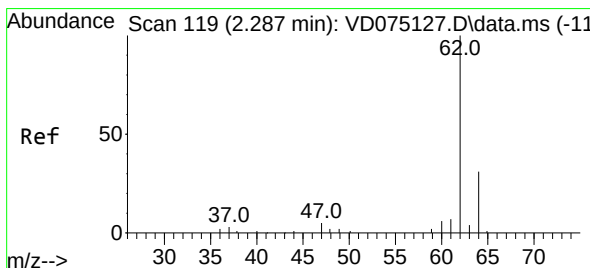
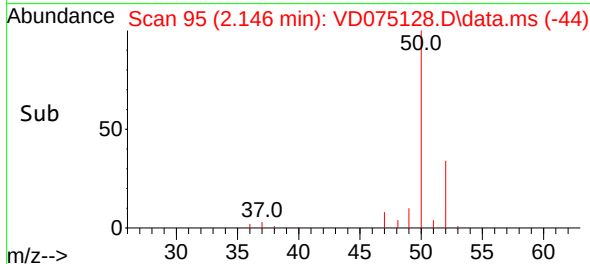
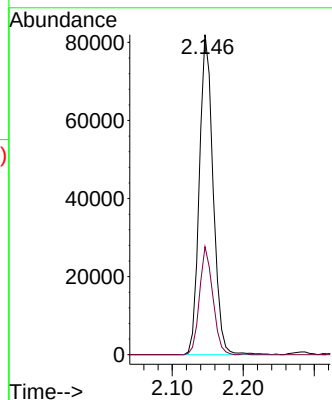
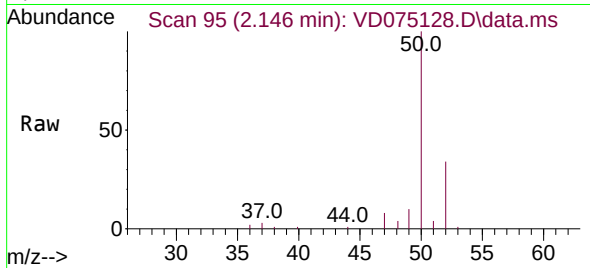




#3
Chloromethane
Concen: 85.114 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

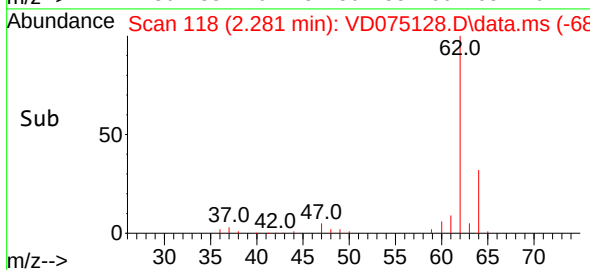
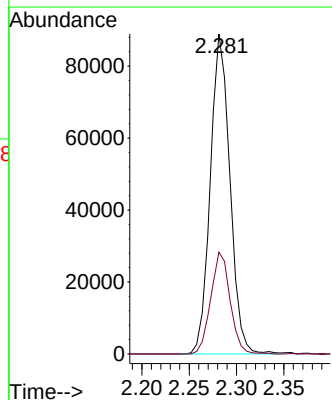
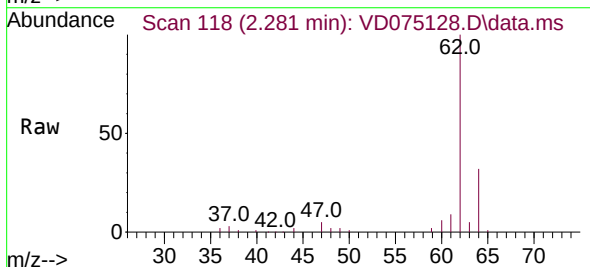
Instrument :
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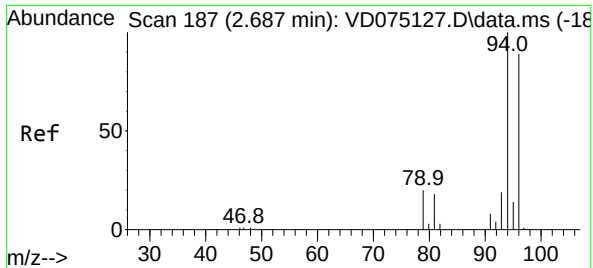
Tgt Ion: 50 Resp: 110994
Ion Ratio Lower Upper
50 100
52 33.8 27.0 40.6



#4
Vinyl Chloride
Concen: 92.192 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 62 Resp: 128037
Ion Ratio Lower Upper
62 100
64 31.8 24.8 37.2

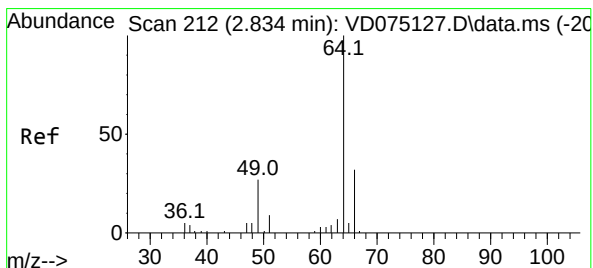
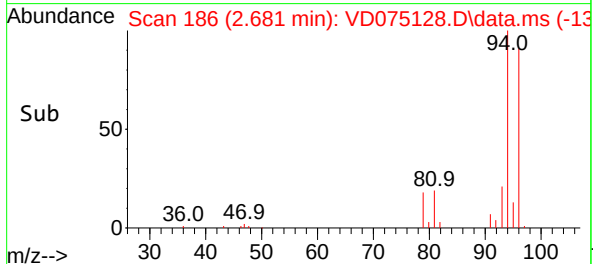
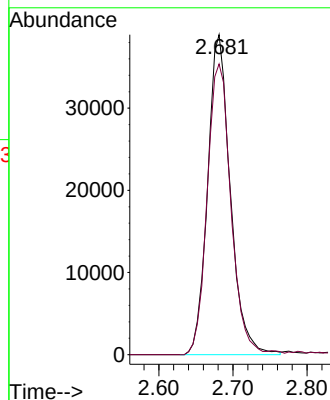
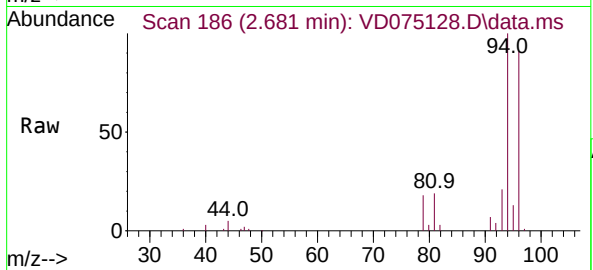




#5
Bromomethane
Concen: 86.727 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD075128.D
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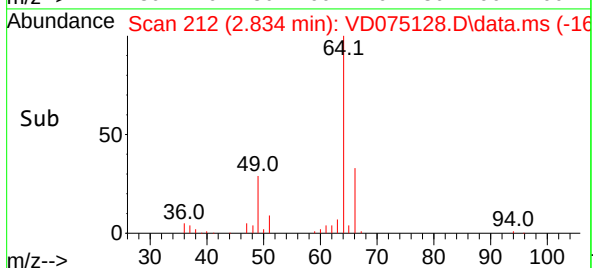
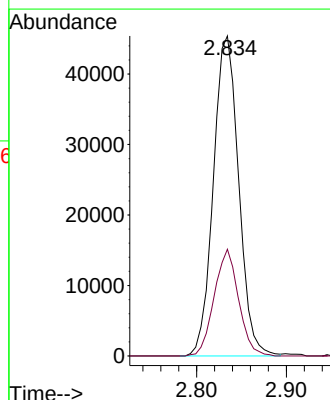
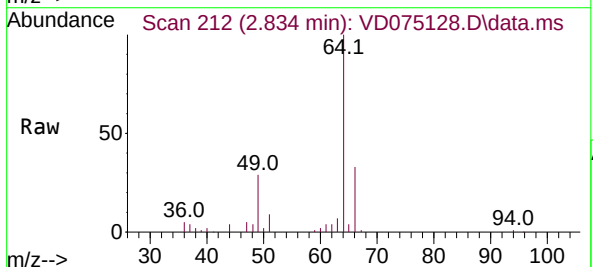
Instrument :
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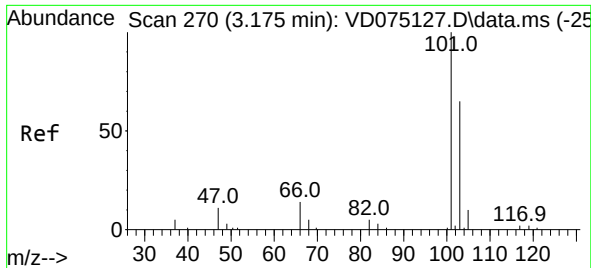
Tgt Ion: 94 Resp: 82919
Ion Ratio Lower Upper
94 100
96 94.8 74.8 112.2



#6
Chloroethane
Concen: 93.132 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 64 Resp: 88867
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2

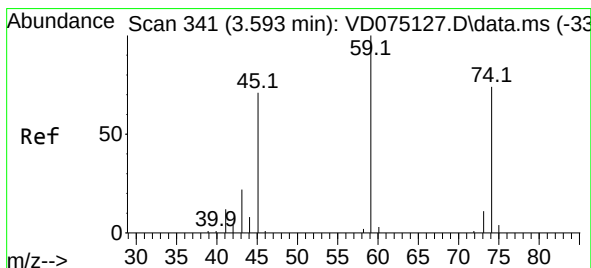
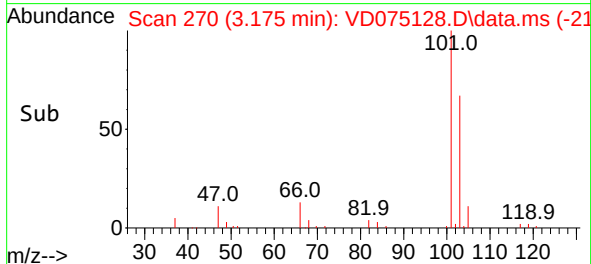
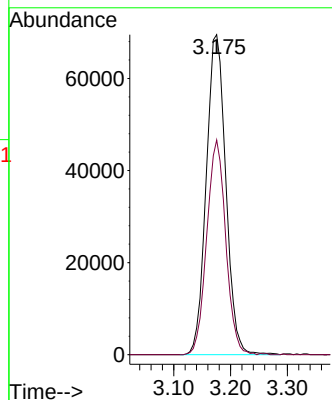
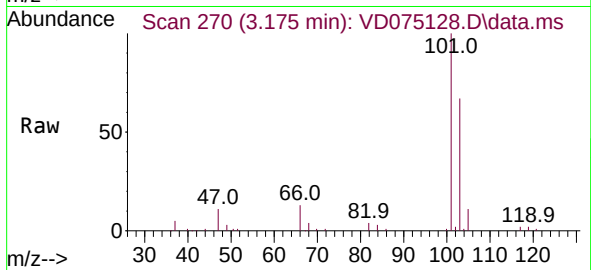




#7
Trichlorofluoromethane
Concen: 95.056 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

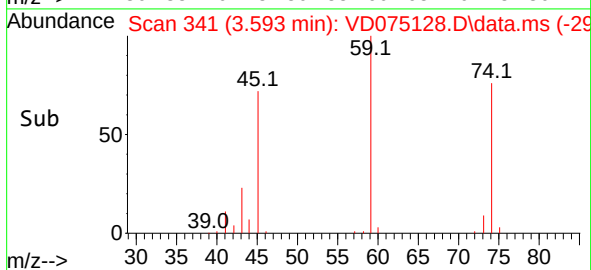
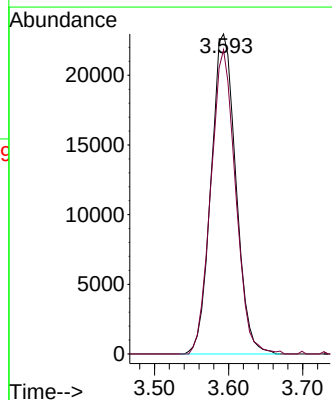
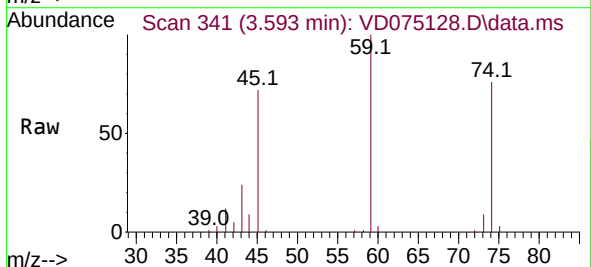
Instrument :
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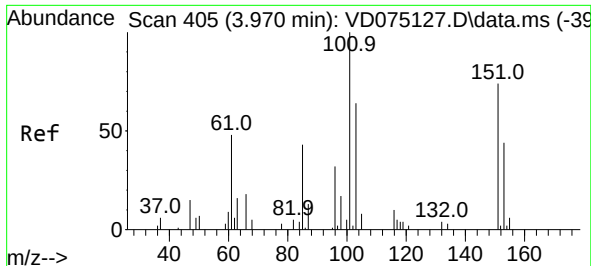
Tgt Ion:101 Resp: 166061
Ion Ratio Lower Upper
101 100
103 67.1 52.2 78.4



#8
Diethyl Ether
Concen: 94.905 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 74 Resp: 53282
Ion Ratio Lower Upper
74 100
45 94.7 49.8 149.3

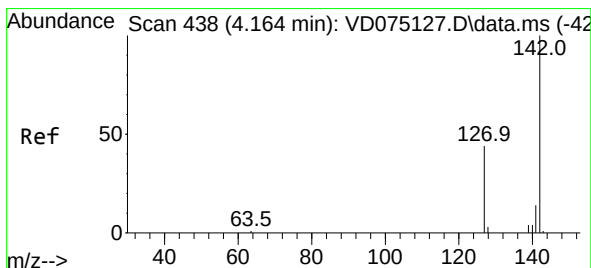
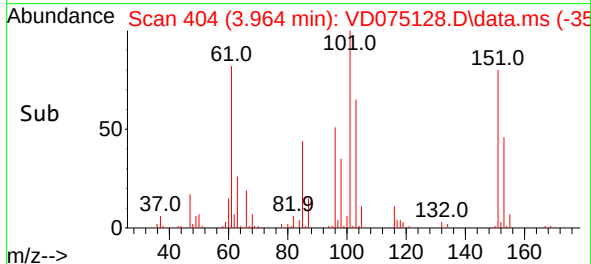
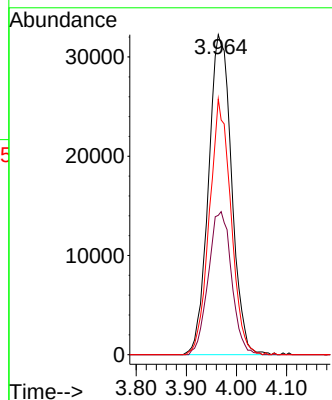
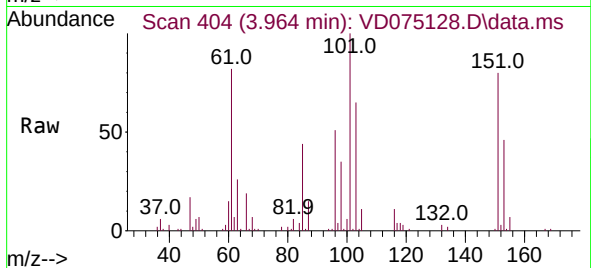




#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.708 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

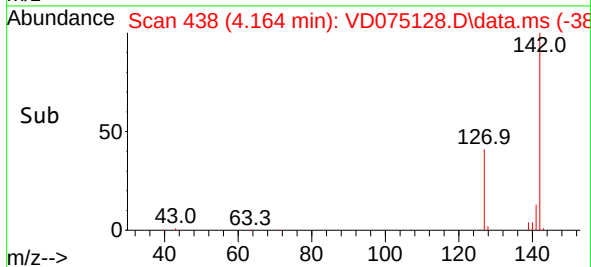
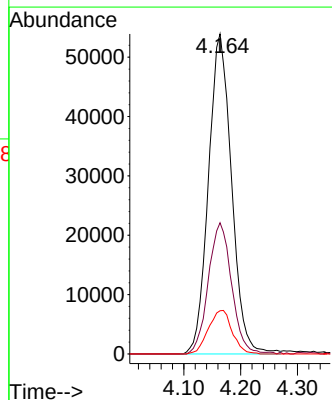
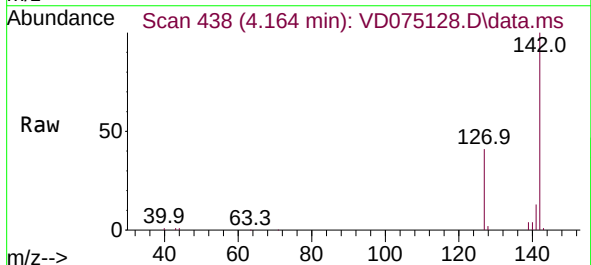
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

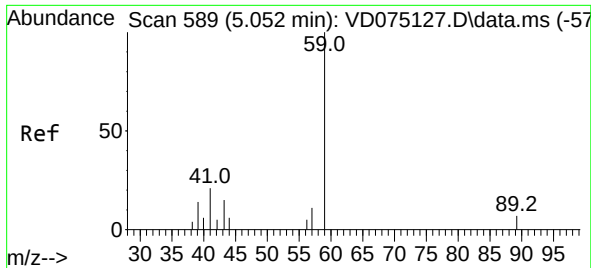
Tgt Ion:101 Resp: 103512
Ion Ratio Lower Upper
101 100
85 44.8 36.9 55.3
151 74.4 58.9 88.3



#10
Methyl Iodide
Concen: 105.280 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion:142 Resp: 152278
Ion Ratio Lower Upper
142 100
127 41.4 33.6 50.4
141 14.0 11.1 16.7

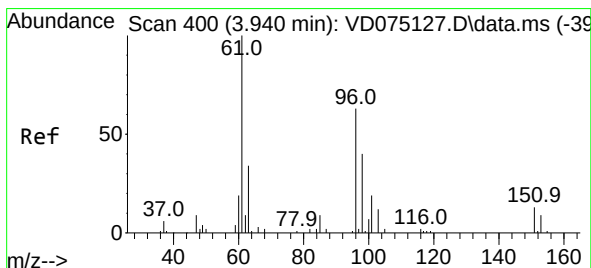
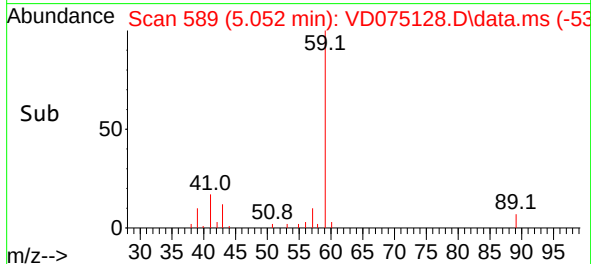
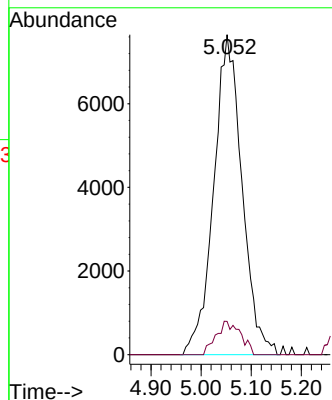
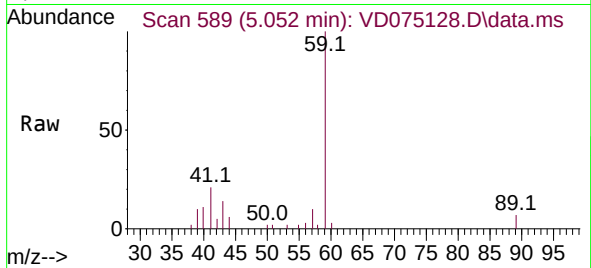




#11
Tert butyl alcohol
Concen: 411.309 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

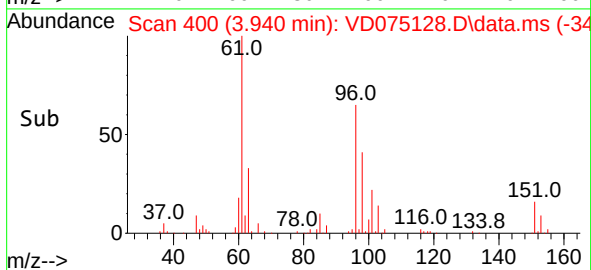
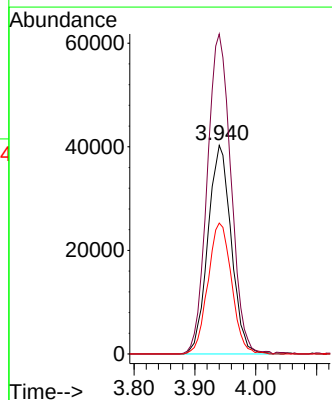
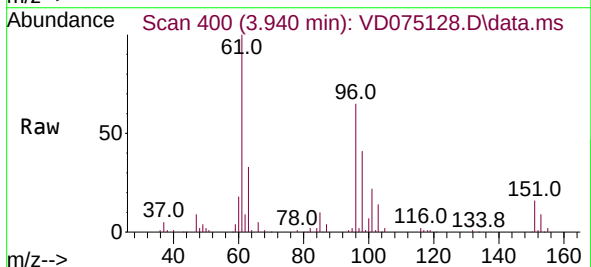
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

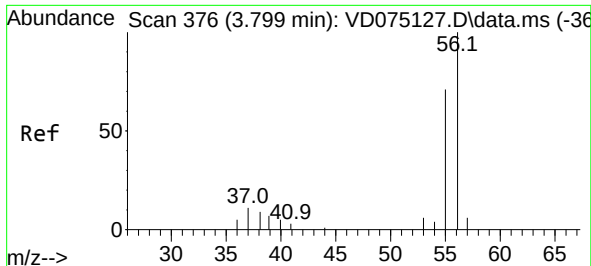
Tgt Ion: 59 Resp: 30005
Ion Ratio Lower Upper
59 100
57 9.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 93.679 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 96 Resp: 107121
Ion Ratio Lower Upper
96 100
61 153.4 126.8 190.2
98 62.7 50.4 75.6





#13

Acrolein

Concen: 381.943 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

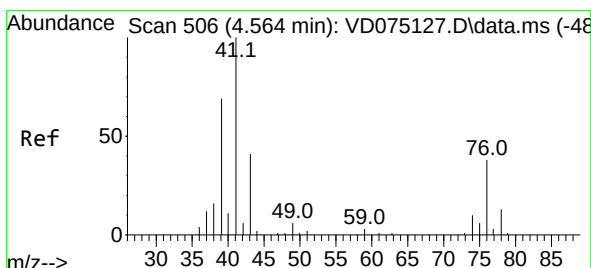
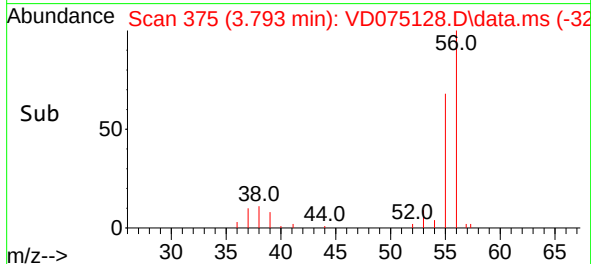
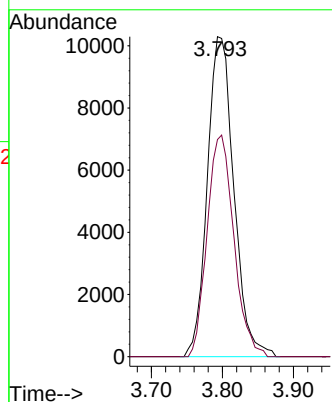
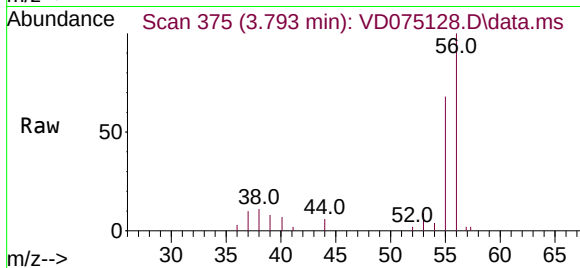
VSTDICC100

Tgt Ion: 56 Resp: 26746

Ion Ratio Lower Upper

56 100

55 69.7 53.0 79.6



#14

Allyl chloride

Concen: 93.824 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

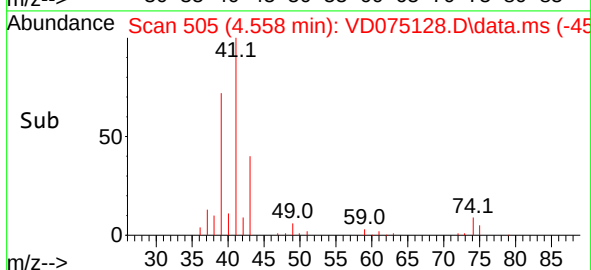
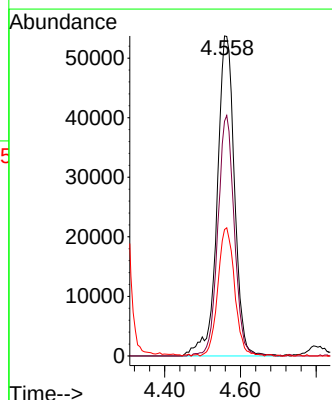
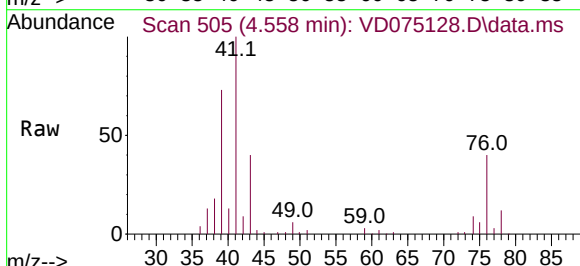
Tgt Ion: 41 Resp: 170963

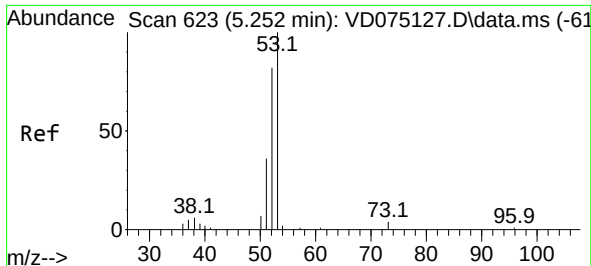
Ion Ratio Lower Upper

41 100

39 70.7 55.4 83.0

76 38.6 30.2 45.2

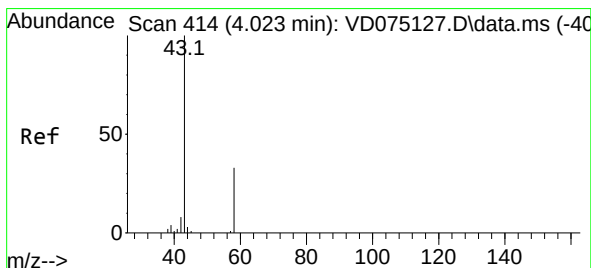
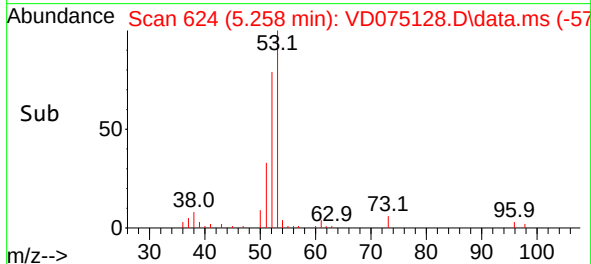
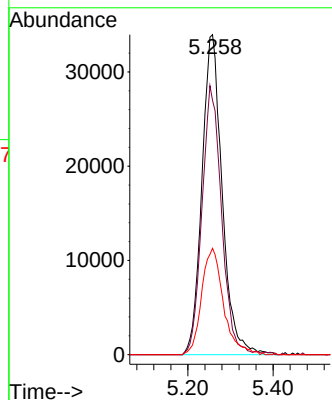
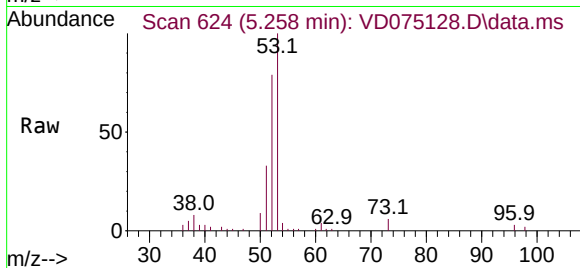




#15
Acrylonitrile
Concen: 459.933 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

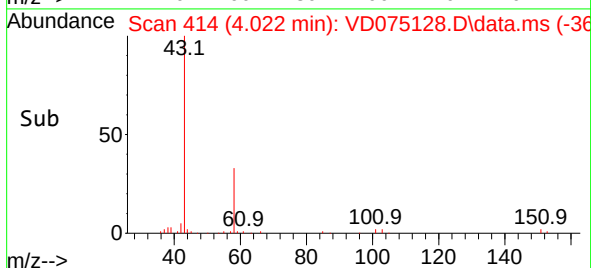
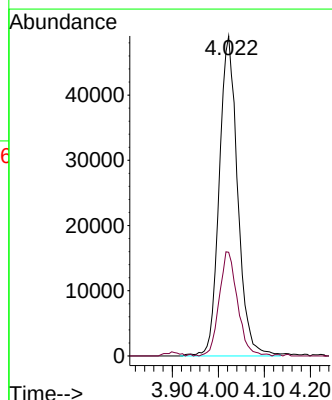
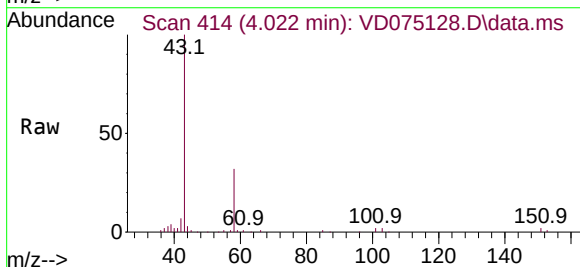
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

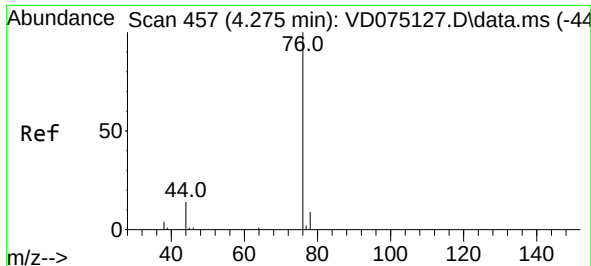
Tgt Ion: 53 Resp: 111989
Ion Ratio Lower Upper
53 100
52 80.9 67.0 100.6
51 35.9 30.1 45.1



#16
Acetone
Concen: 498.007 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 43 Resp: 135837
Ion Ratio Lower Upper
43 100
58 32.1 26.0 39.0

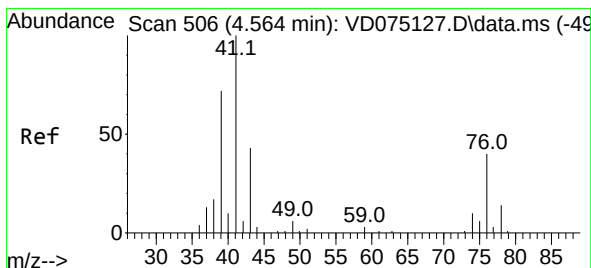
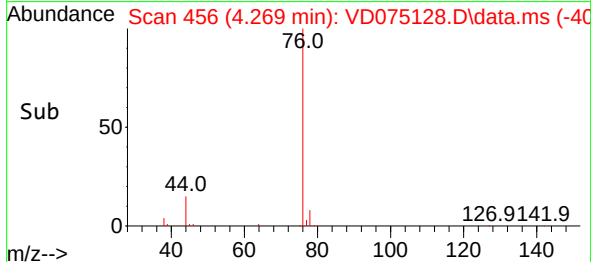
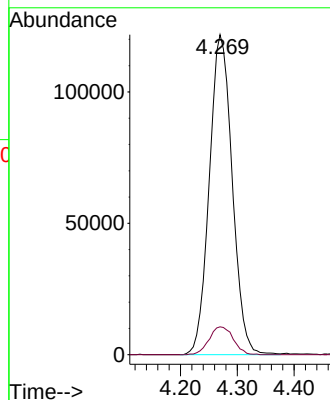
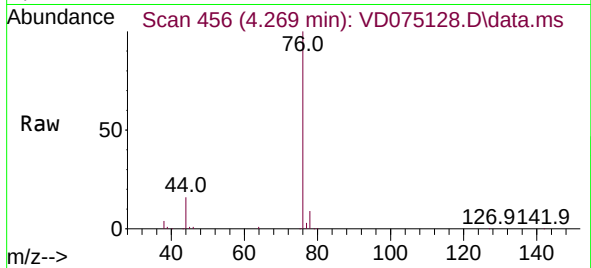




#17
Carbon Disulfide
Concen: 92.142 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

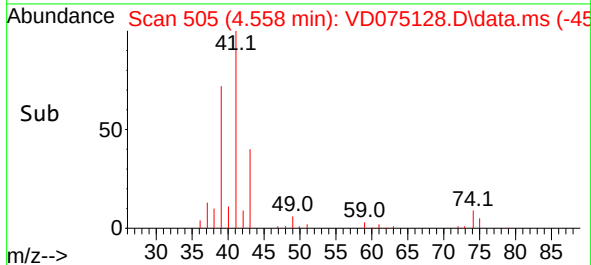
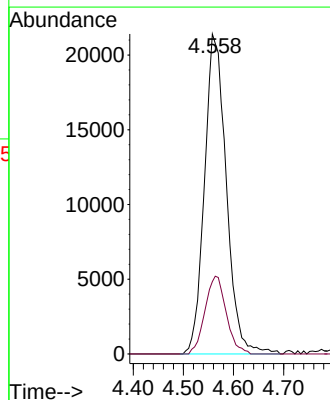
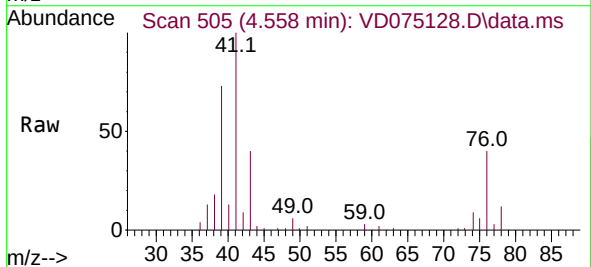
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

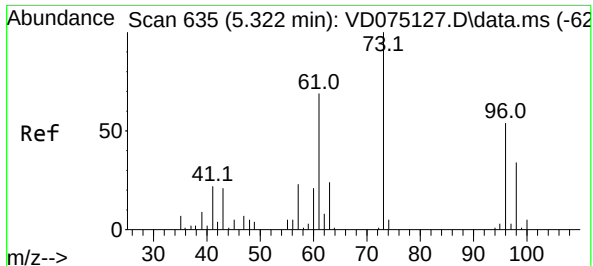
Tgt Ion: 76 Resp: 341305
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 88.181 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 43 Resp: 64922
Ion Ratio Lower Upper
43 100
74 23.6 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 93.821 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

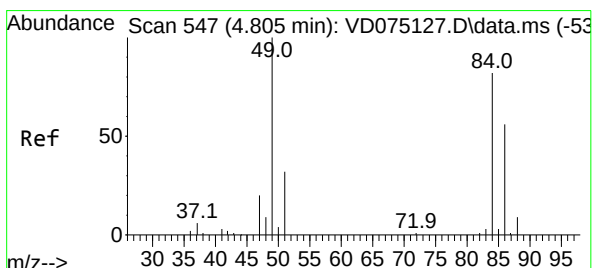
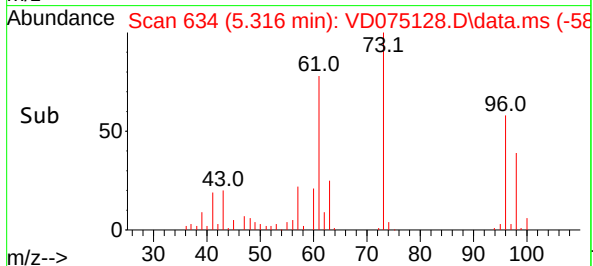
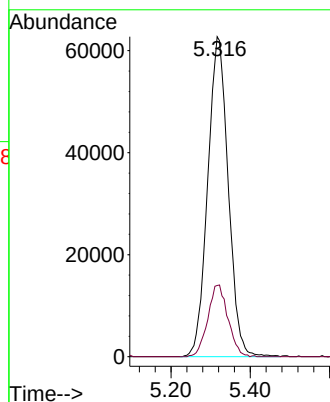
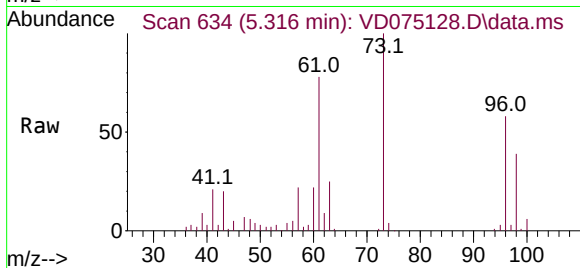
VSTDICC100

Tgt Ion: 73 Resp: 225247

Ion Ratio Lower Upper

73 100

57 22.3 18.5 27.7



#20

Methylene Chloride

Concen: 72.000 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Tgt Ion: 84 Resp: 125499

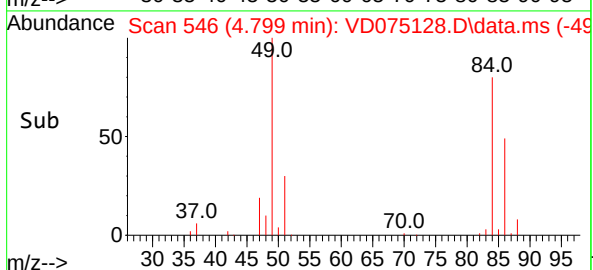
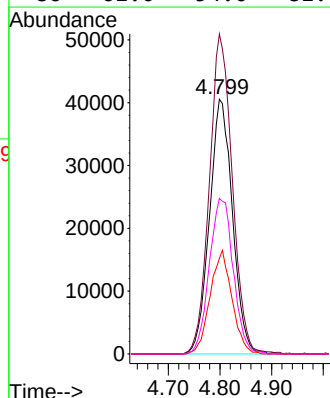
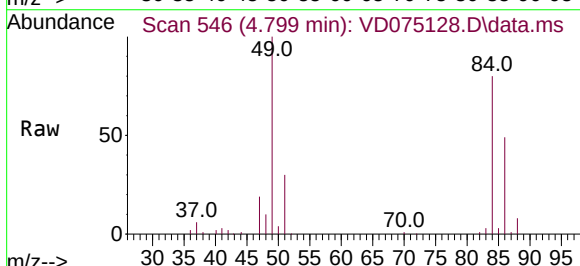
Ion Ratio Lower Upper

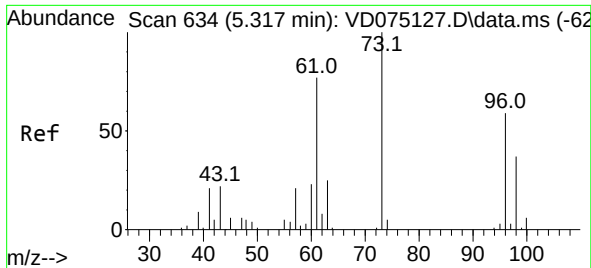
84 100

49 125.6 97.0 145.6

51 37.5 30.9 46.3

86 61.0 54.0 81.0

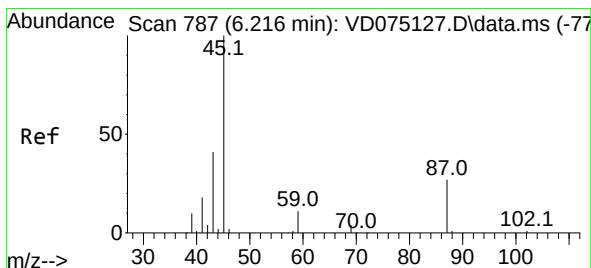
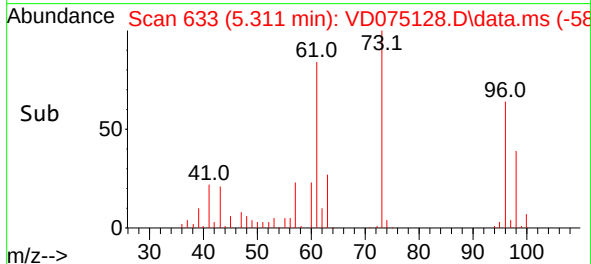
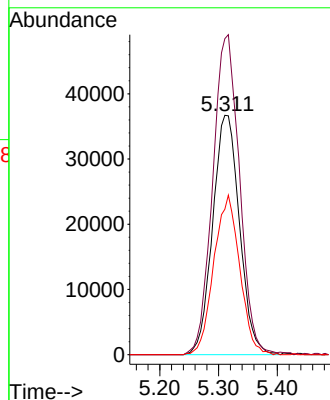
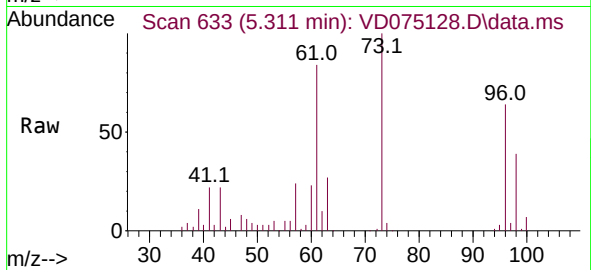




#21
trans-1,2-Dichloroethene
Concen: 92.696 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

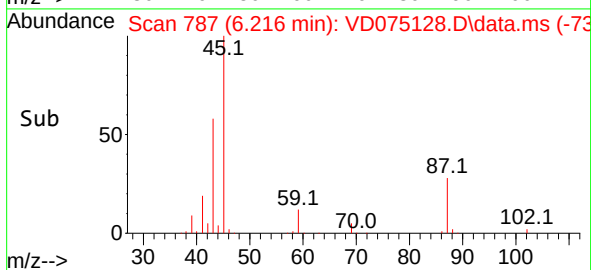
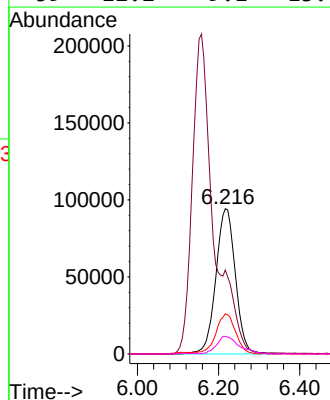
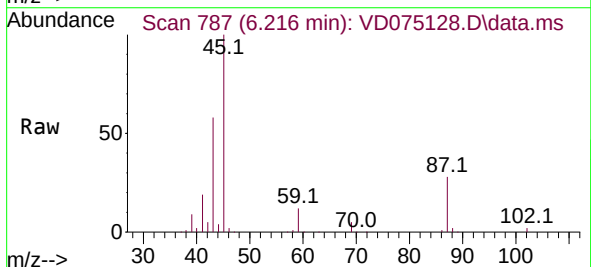
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

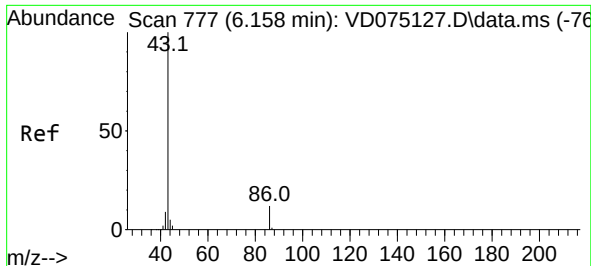
Tgt Ion: 96 Resp: 116292
Ion Ratio Lower Upper
96 100
61 132.0 105.7 158.5
98 60.8 50.4 75.6



#22
Diisopropyl ether
Concen: 91.628 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 45 Resp: 315545
Ion Ratio Lower Upper
45 100
43 57.1 45.3 67.9
87 27.7 22.1 33.1
59 12.2 9.1 13.7

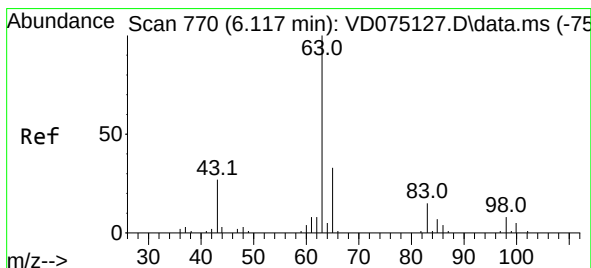
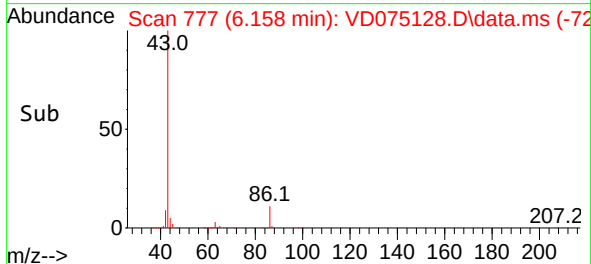
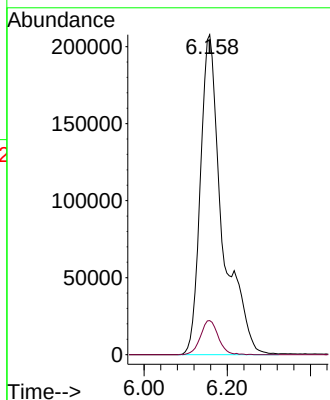
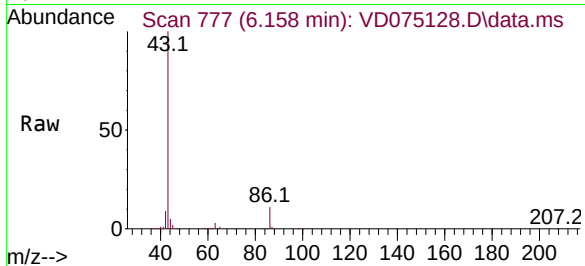




#23
 Vinyl Acetate
 Concen: 509.412 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075128.D
 Acq: 18 Jan 2023 12:42

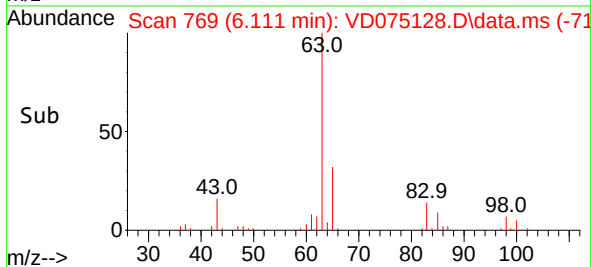
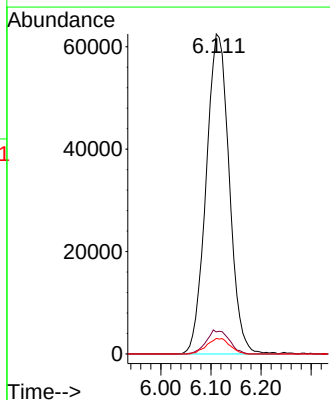
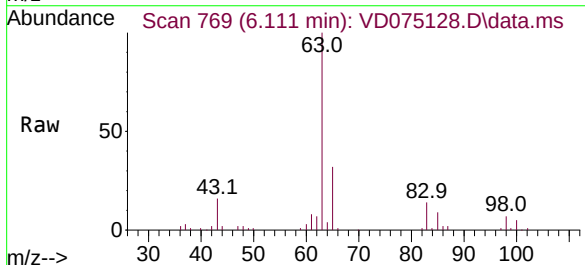
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

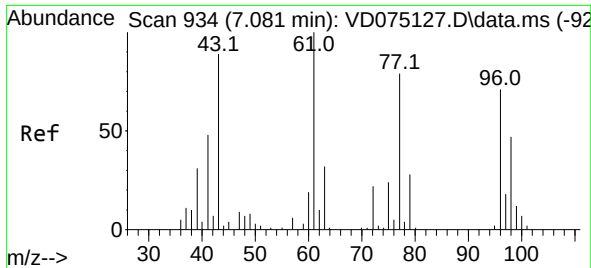
Tgt Ion: 43 Resp: 761986
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 92.305 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD075128.D
 Acq: 18 Jan 2023 12:42

Tgt Ion: 63 Resp: 200112
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.8 2.5 7.4

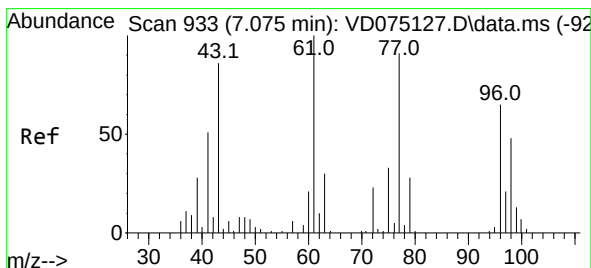
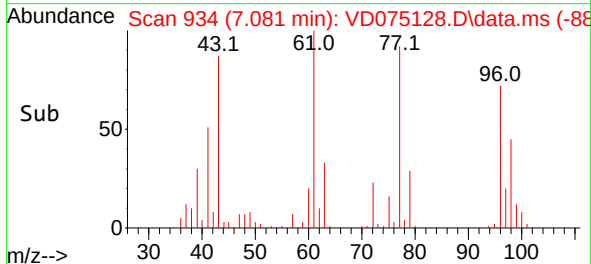
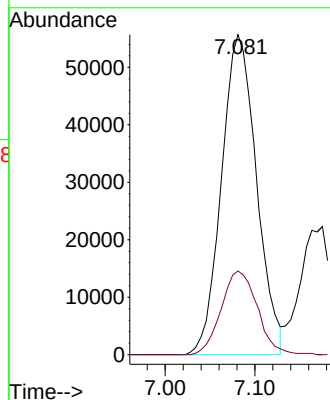
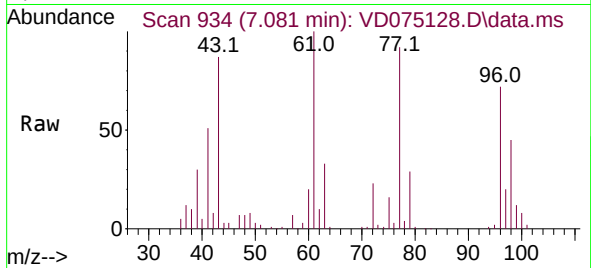




#25
2-Butanone
Concen: 461.466 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

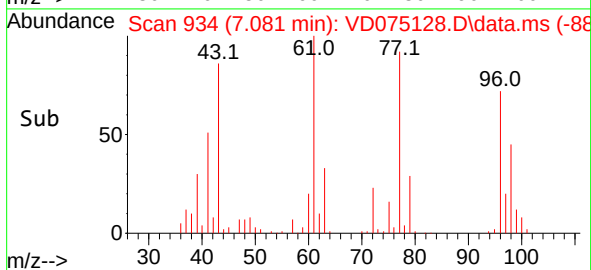
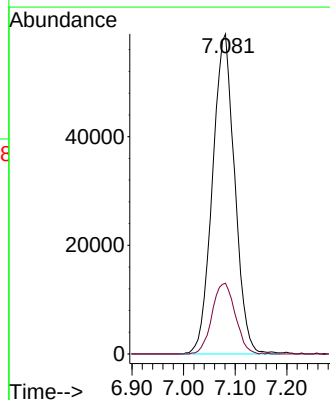
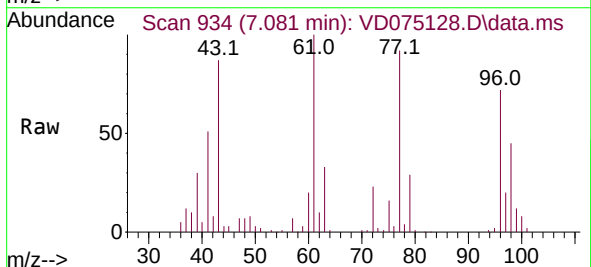
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

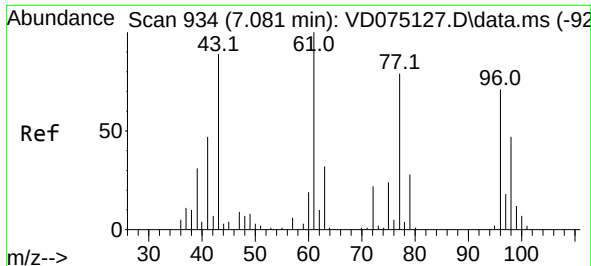
Tgt Ion: 43 Resp: 151060
Ion Ratio Lower Upper
43 100
72 26.1 19.8 29.8



#26
2,2-Dichloropropane
Concen: 92.192 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 77 Resp: 175977
Ion Ratio Lower Upper
77 100
97 23.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 92.995 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

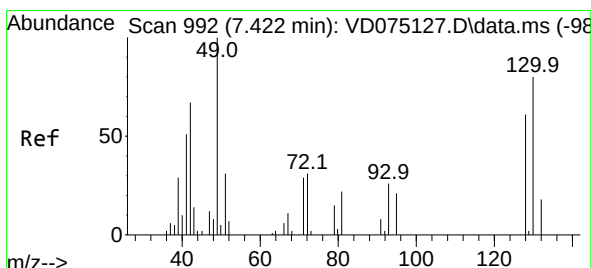
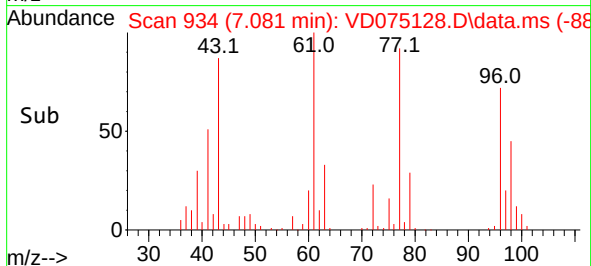
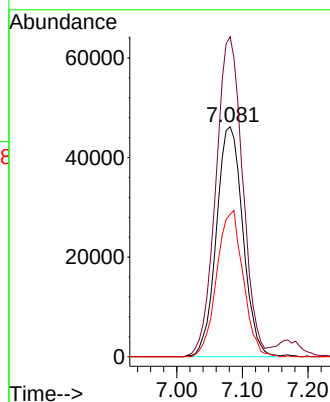
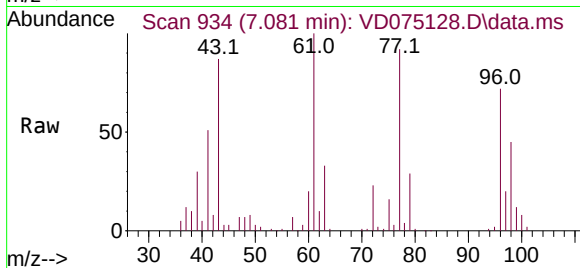
Tgt Ion: 96 Resp: 129457

Ion Ratio Lower Upper

96 100

61 141.5 0.0 287.4

98 63.3 0.0 129.8



#28

Bromochloromethane

Concen: 86.872 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

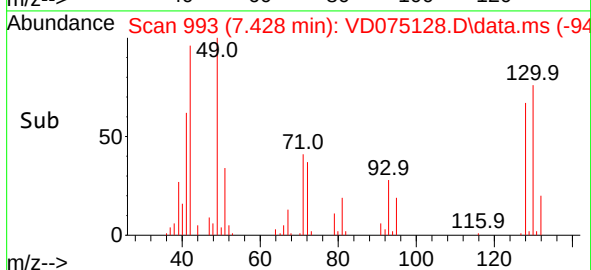
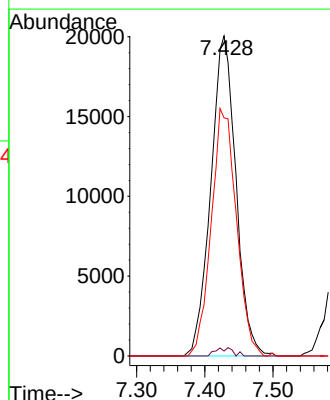
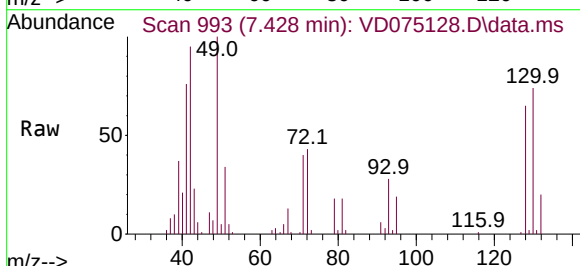
Tgt Ion: 49 Resp: 51552

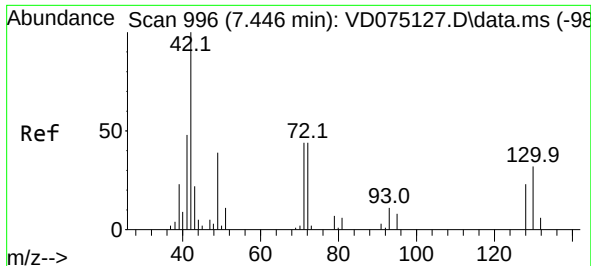
Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.6

130 77.1 63.6 95.4

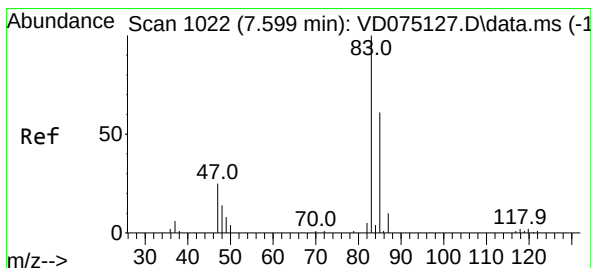
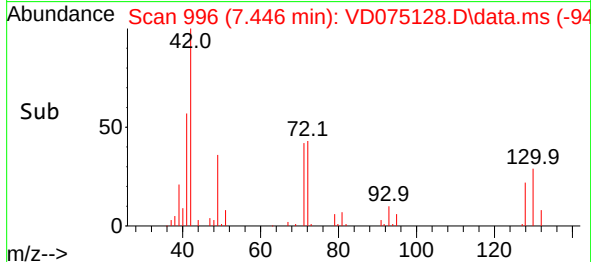
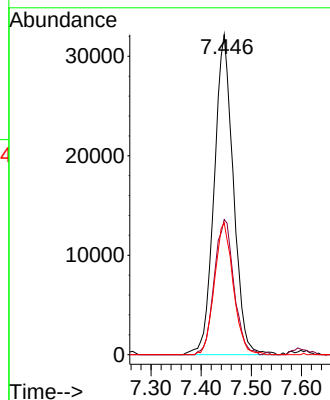
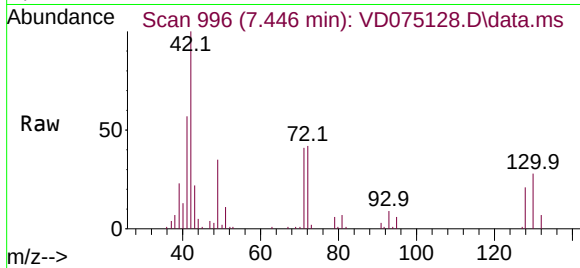




#29
Tetrahydrofuran
Concen: 457.729 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

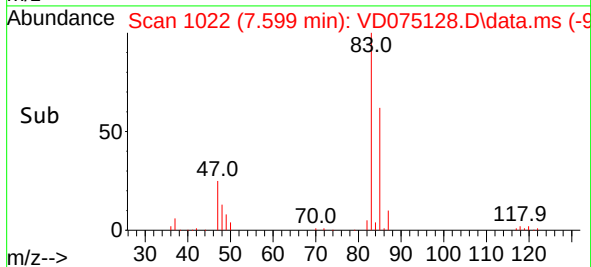
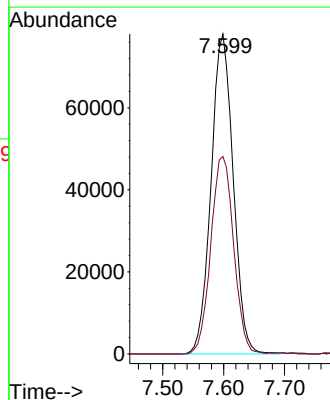
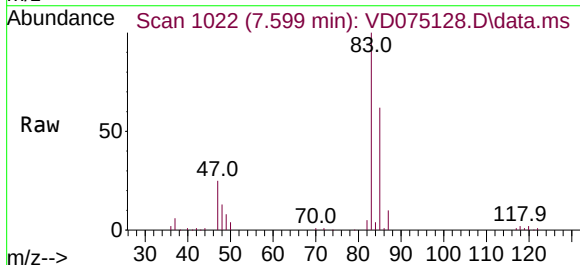
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

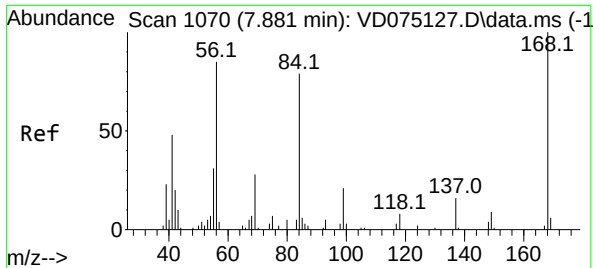
Tgt Ion: 42 Resp: 85422
Ion Ratio Lower Upper
42 100
72 43.2 33.8 50.8
71 40.6 31.6 47.4



#30
Chloroform
Concen: 91.344 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 83 Resp: 196871
Ion Ratio Lower Upper
83 100
85 61.7 48.5 72.7

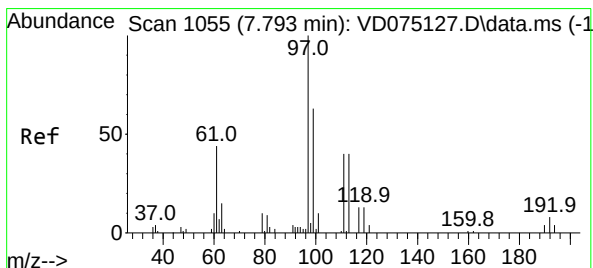
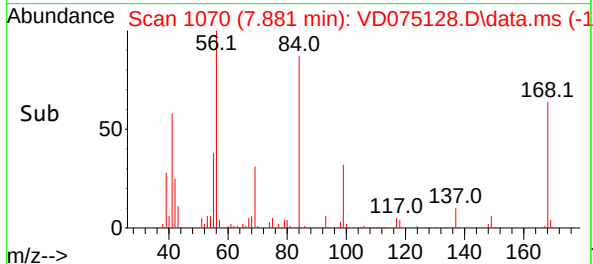
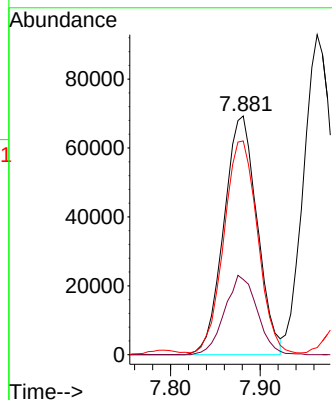
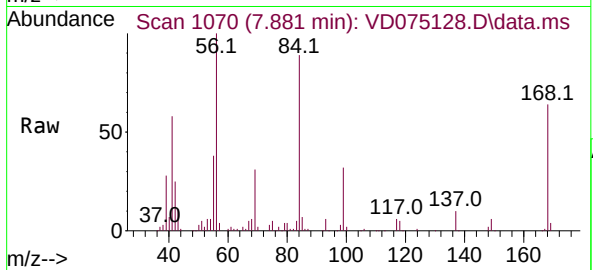




#31
Cyclohexane
Concen: 88.359 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

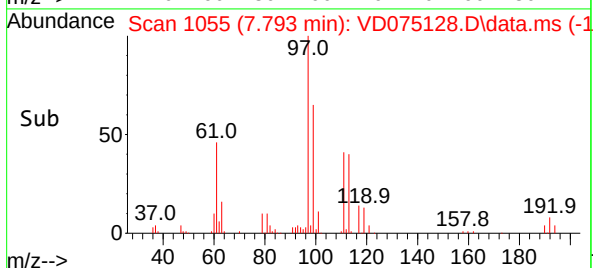
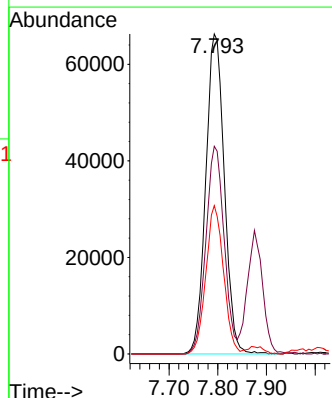
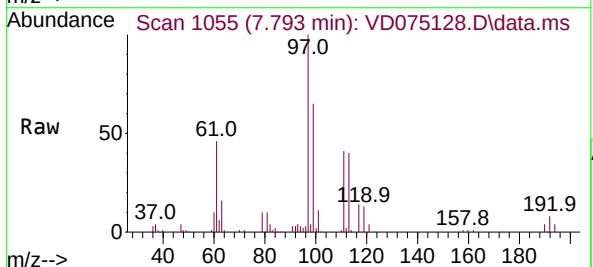
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

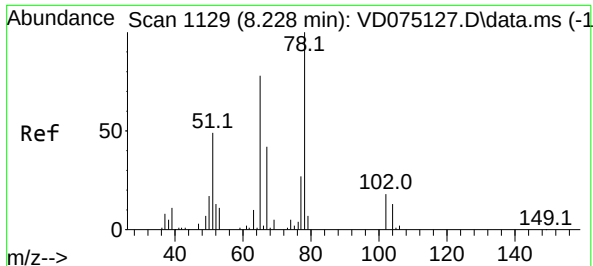
Tgt Ion: 56 Resp: 178703
Ion Ratio Lower Upper
56 100
69 31.5 26.6 40.0
84 88.5 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 93.609 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 97 Resp: 175319
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 44.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 92.468 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

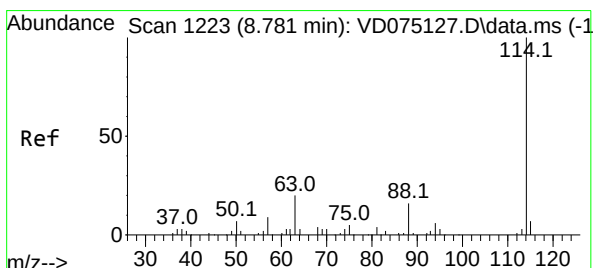
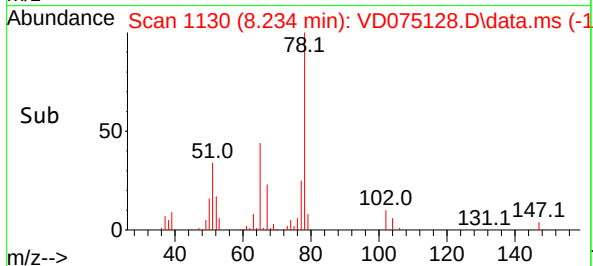
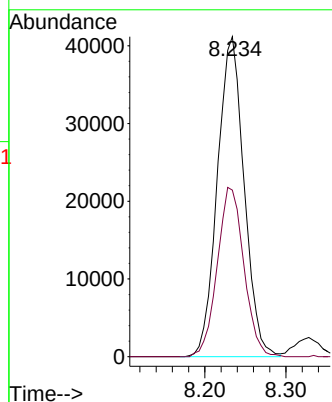
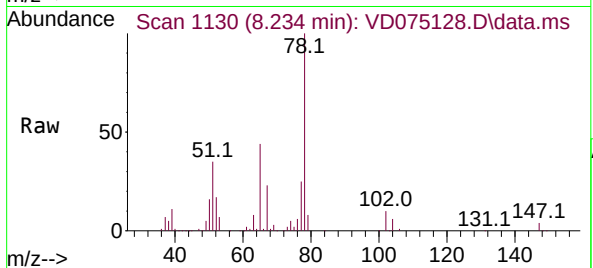
VSTDIC100

Tgt Ion: 65 Resp: 94216

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

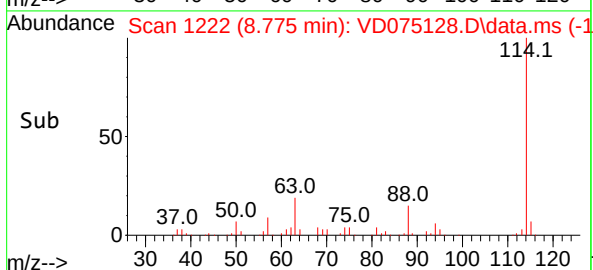
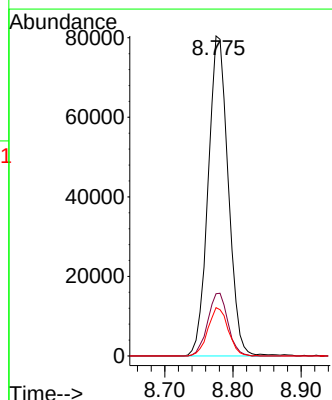
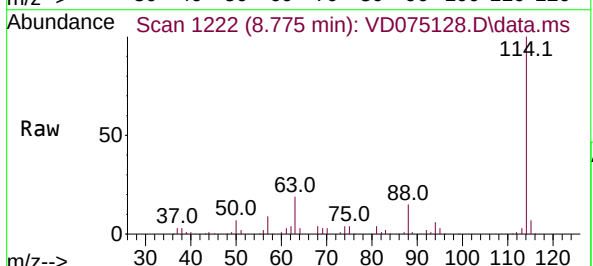
Tgt Ion: 114 Resp: 164910

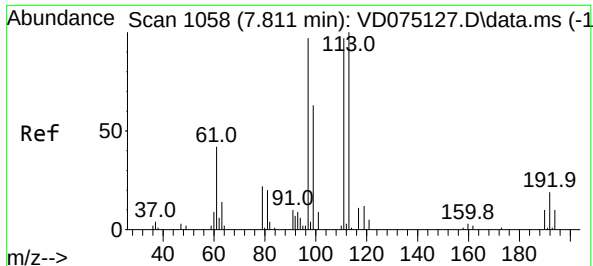
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 15.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 97.703 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

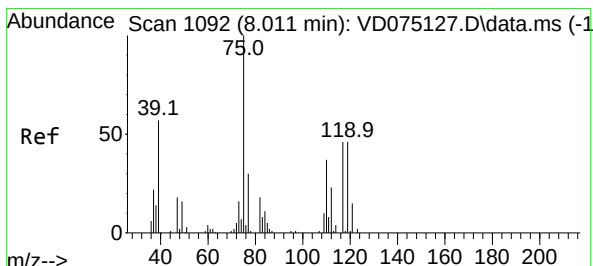
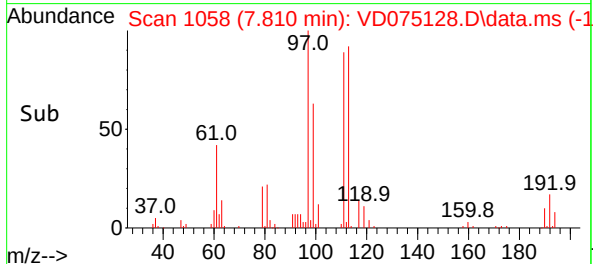
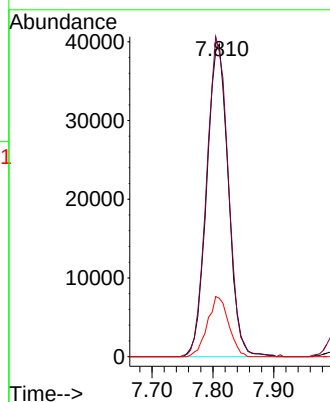
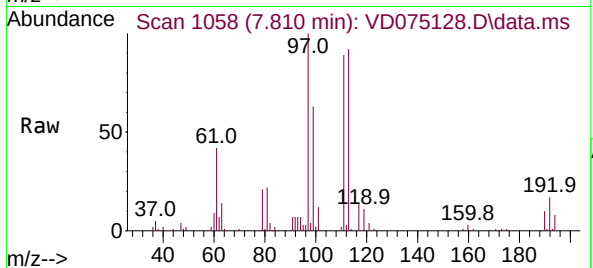
Tgt Ion:113 Resp: 98092

Ion Ratio Lower Upper

113 100

111 102.5 80.1 120.1

192 18.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 97.680 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

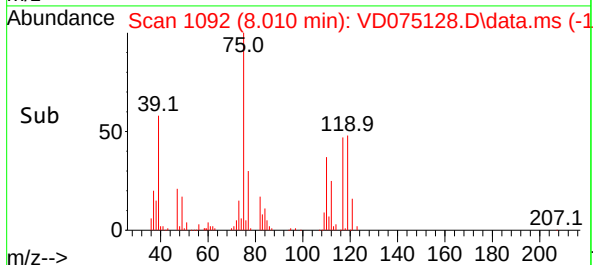
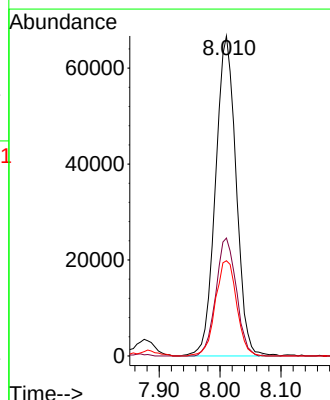
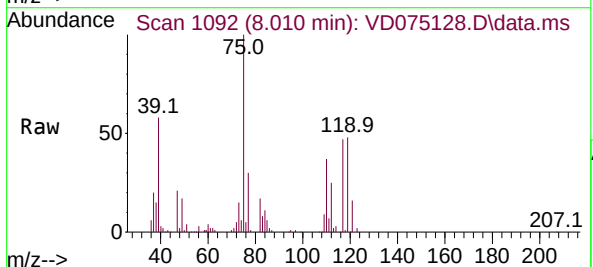
Tgt Ion: 75 Resp: 156466

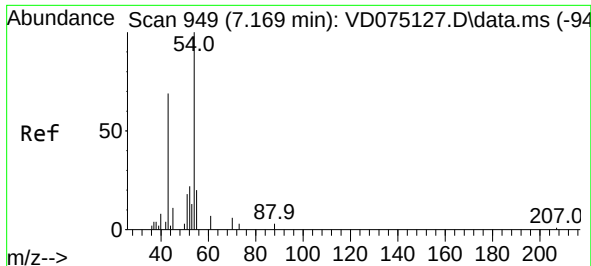
Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.4

77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 89.698 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

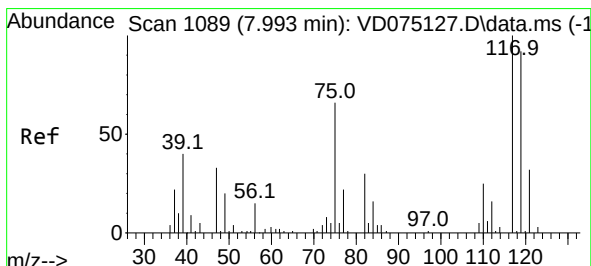
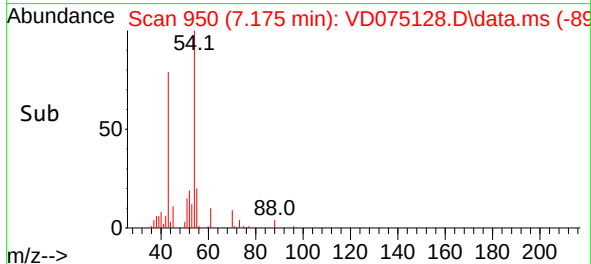
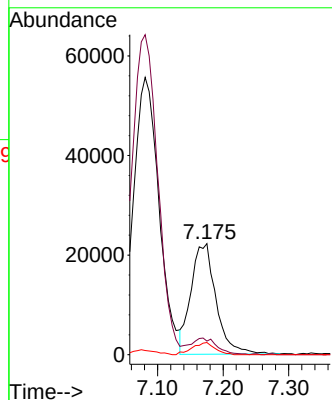
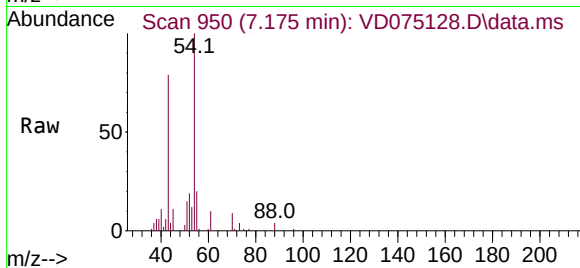
Tgt Ion: 43 Resp: 58920

Ion Ratio Lower Upper

43 100

61 15.5 11.7 17.5

70 9.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 107.734 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

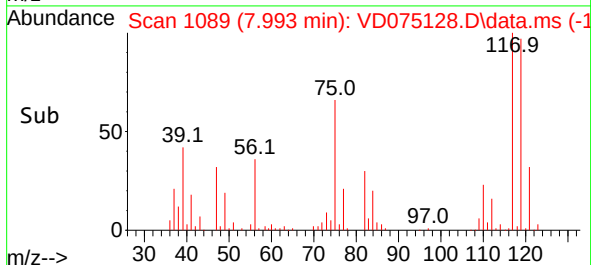
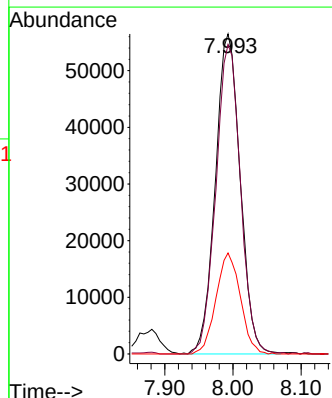
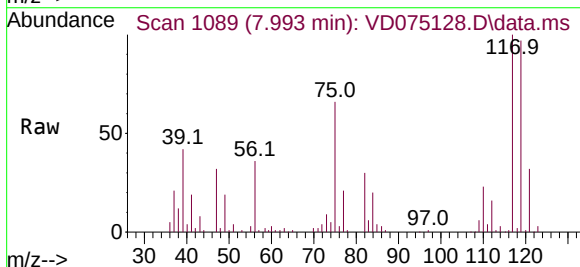
Tgt Ion: 117 Resp: 143279

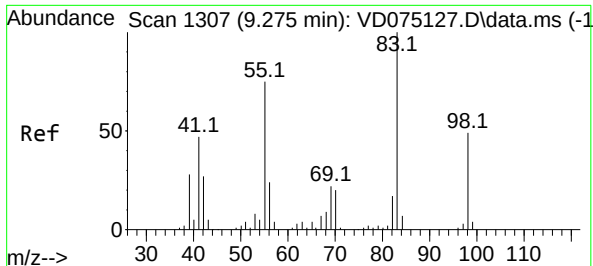
Ion Ratio Lower Upper

117 100

119 96.7 73.6 110.4

121 31.5 25.4 38.0





#39

Methylcyclohexane

Concen: 100.348 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

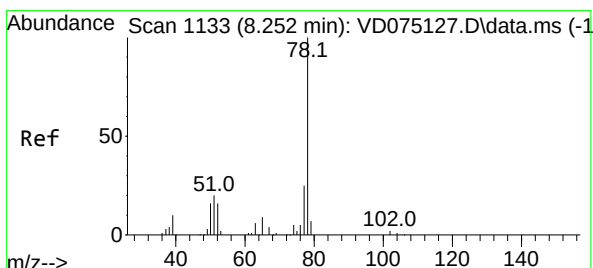
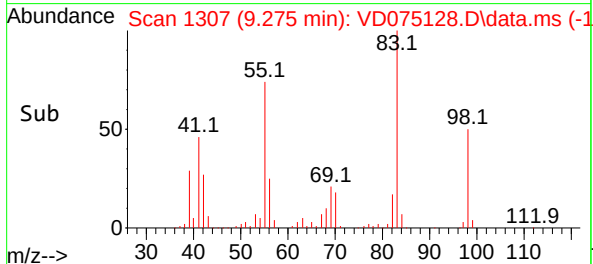
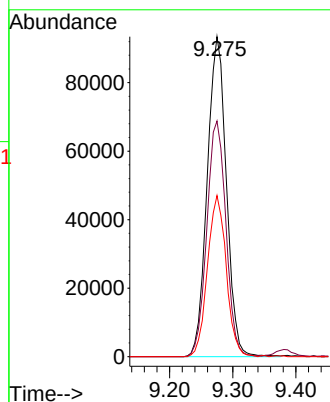
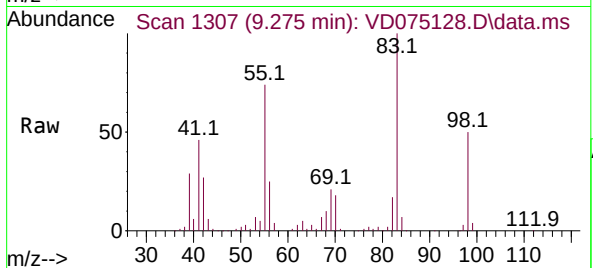
Tgt Ion: 83 Resp: 197061

Ion Ratio Lower Upper

83 100

55 73.7 60.0 90.0

98 50.4 39.0 58.4



#40

Benzene

Concen: 96.253 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075128.D

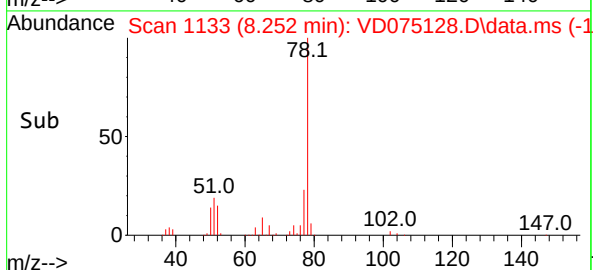
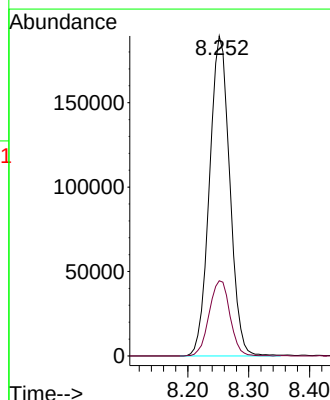
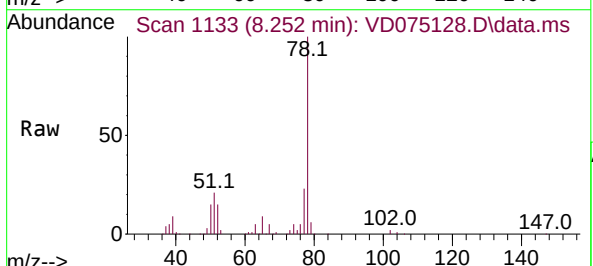
Acq: 18 Jan 2023 12:42

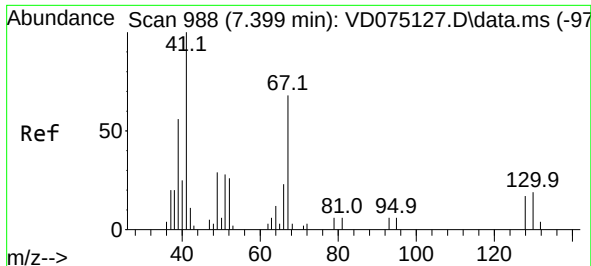
Tgt Ion: 78 Resp: 437904

Ion Ratio Lower Upper

78 100

77 23.5 19.8 29.6



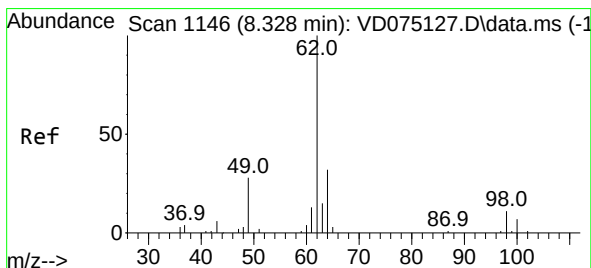
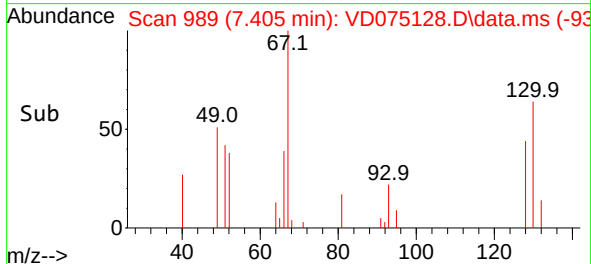
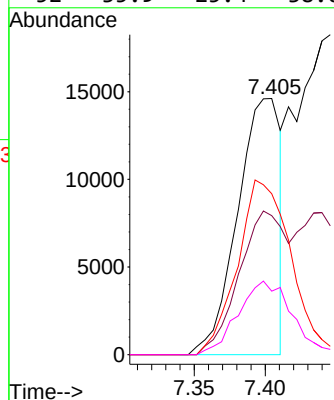
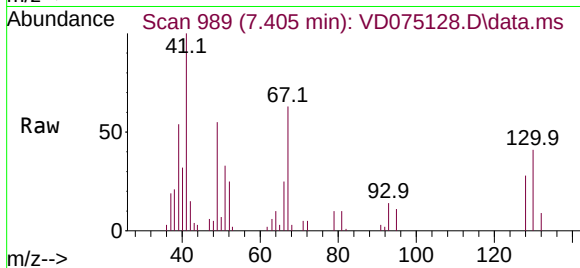


#41
Methacrylonitrile
Concen: 77.864 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 30814

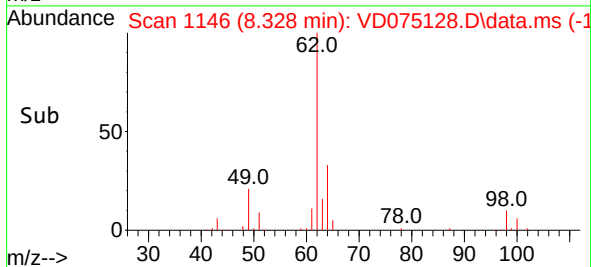
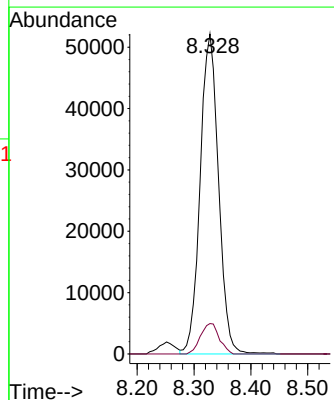
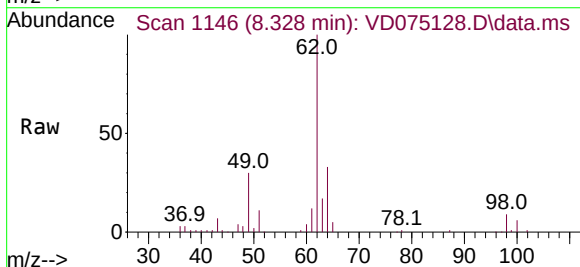
Ion	Ratio	Lower	Upper
41	100		
39	61.3	57.8	86.6
67	84.6	60.5	90.7
52	35.9	25.4	38.0

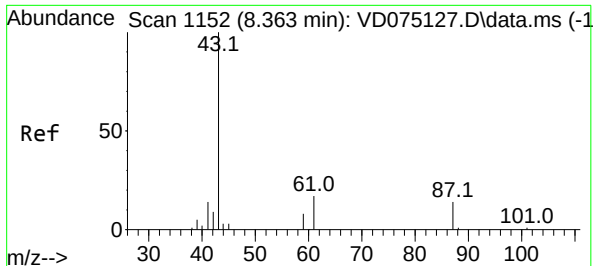


#42
1,2-Dichloroethane
Concen: 97.114 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 62 Resp: 117078

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2





#43

Isopropyl Acetate

Concen: 95.625 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

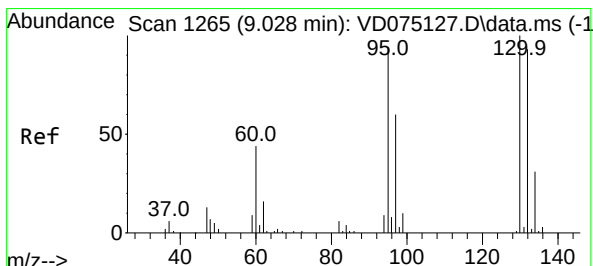
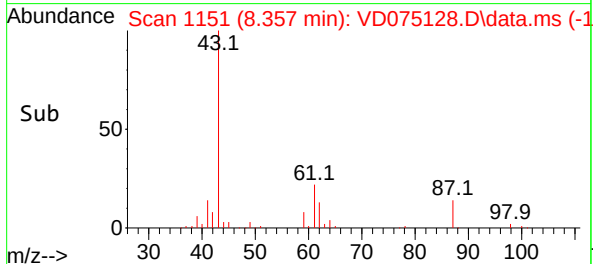
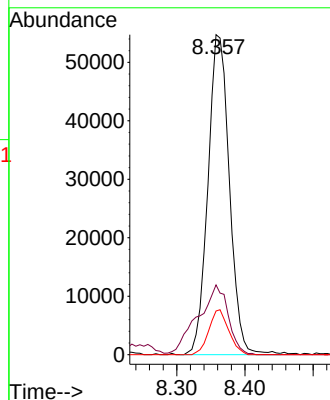
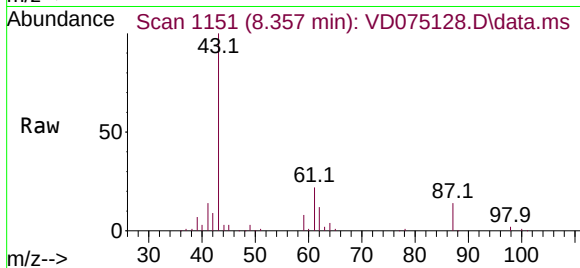
Tgt Ion: 43 Resp: 120052

Ion Ratio Lower Upper

43 100

61 30.7 25.0 37.6

87 13.0 10.6 16.0



#44

Trichloroethene

Concen: 97.671 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075128.D

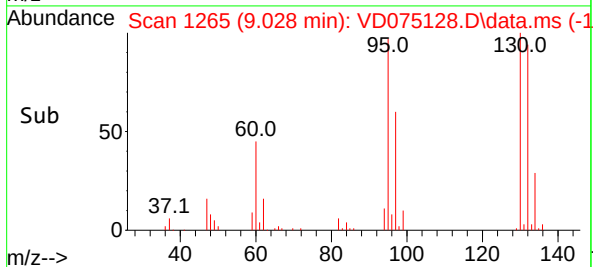
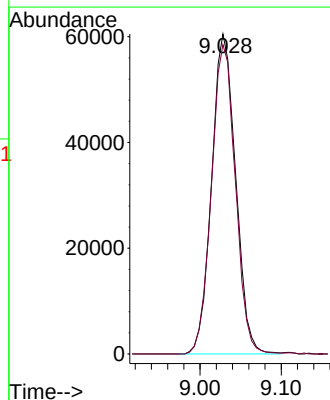
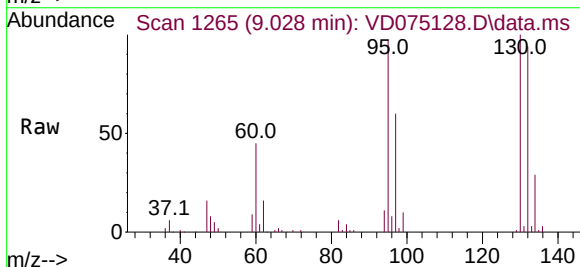
Acq: 18 Jan 2023 12:42

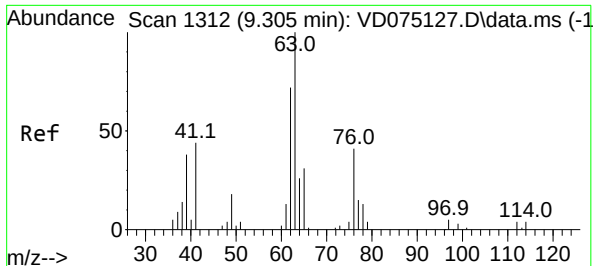
Tgt Ion:130 Resp: 124138

Ion Ratio Lower Upper

130 100

95 96.7 0.0 188.6





#45

1,2-Dichloropropane

Concen: 96.324 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

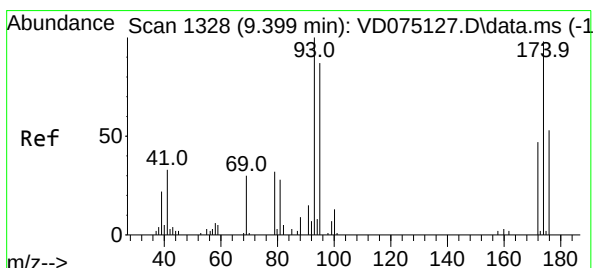
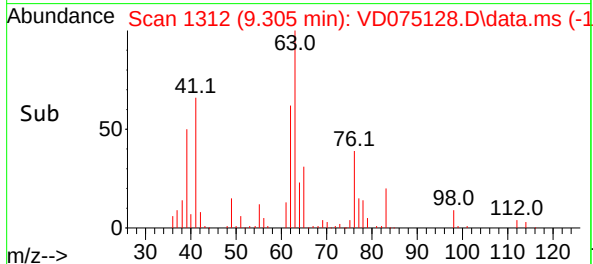
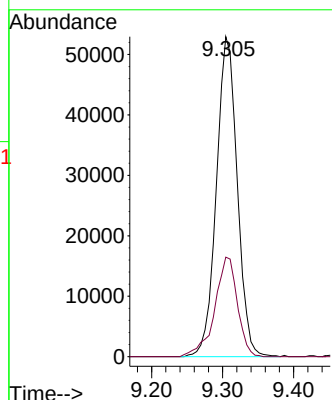
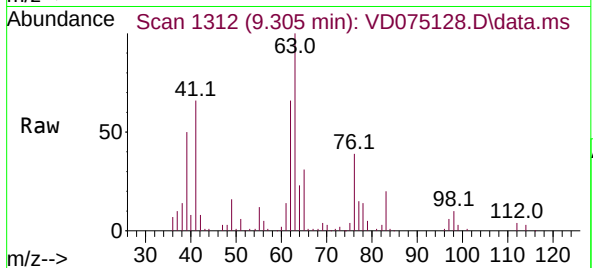
VSTDICC100

Tgt Ion: 63 Resp: 107821

Ion Ratio Lower Upper

63 100

65 31.1 25.1 37.7



#46

Dibromomethane

Concen: 95.192 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

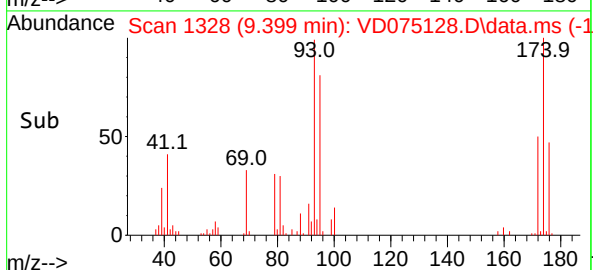
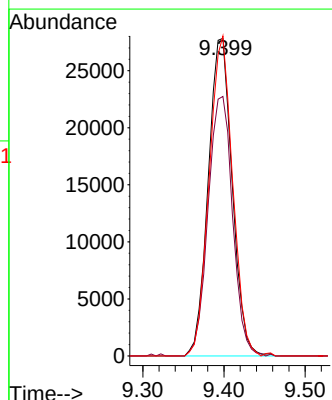
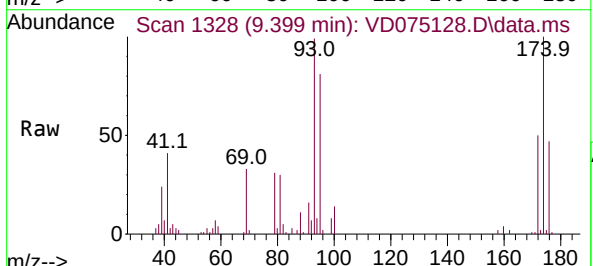
Tgt Ion: 93 Resp: 56994

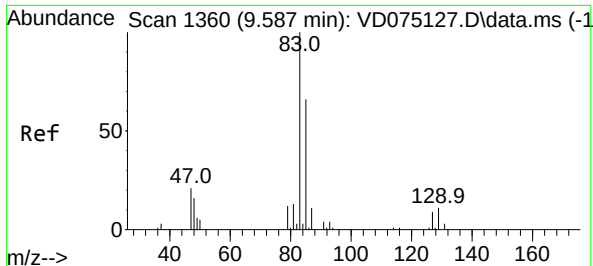
Ion Ratio Lower Upper

93 100

95 83.7 68.3 102.5

174 98.5 77.4 116.0

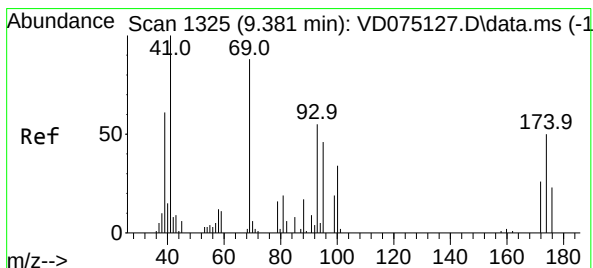
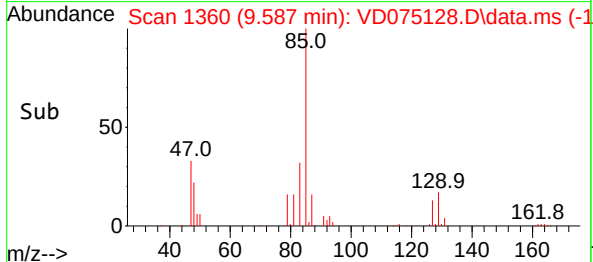
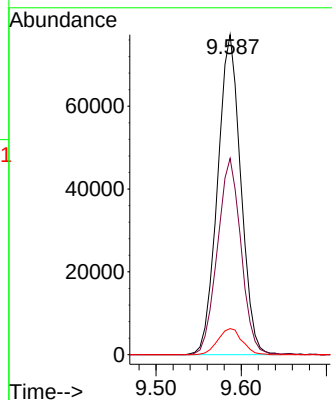
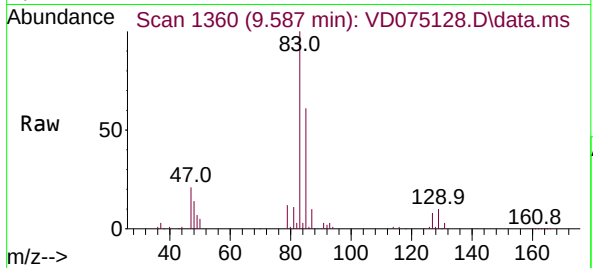




#47
Bromodichloromethane
Concen: 99.652 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

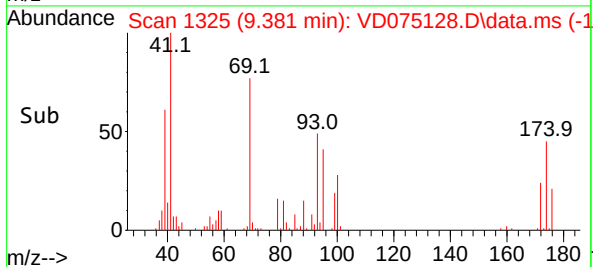
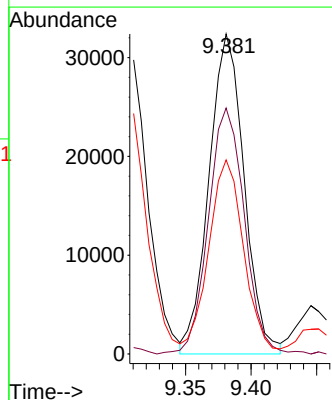
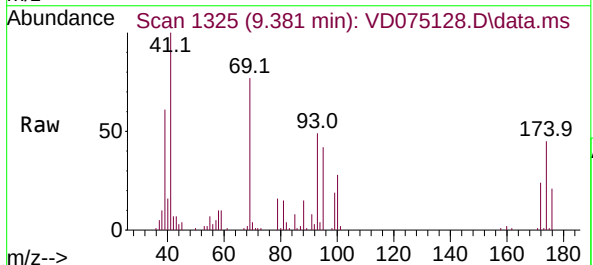
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

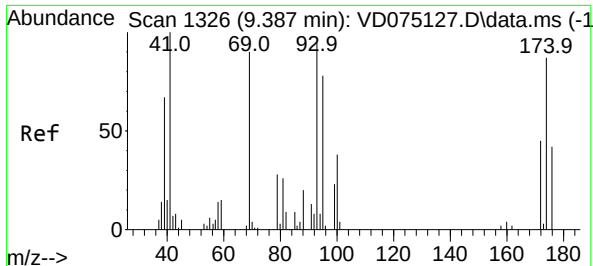
Tgt Ion: 83 Resp: 146234
Ion Ratio Lower Upper
83 100
85 61.4 53.0 79.4
127 8.1 7.0 10.4



#48
Methyl methacrylate
Concen: 98.934 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 41 Resp: 60389
Ion Ratio Lower Upper
41 100
69 78.8 67.8 101.6
39 56.8 46.0 69.0





#49

1,4-Dioxane

Concen: 1906.744 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

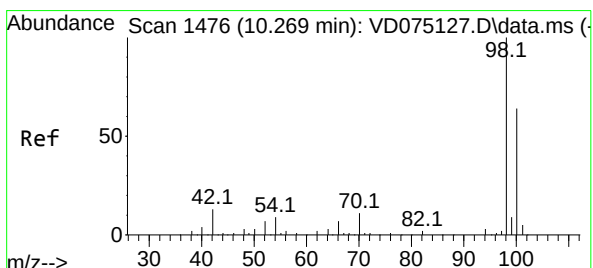
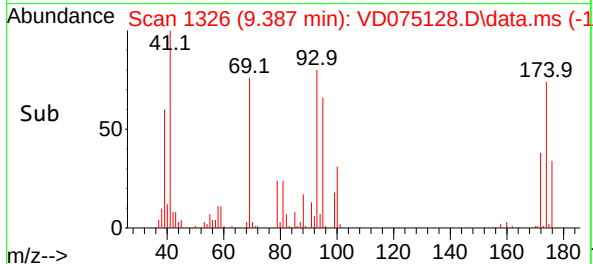
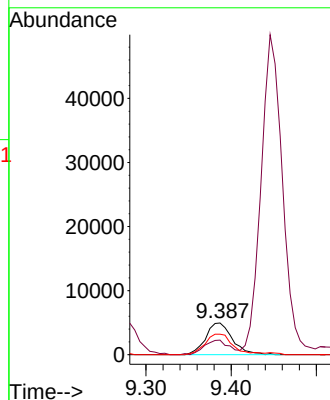
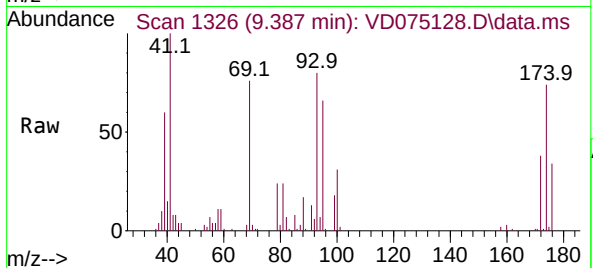
Tgt Ion: 88 Resp: 10771

Ion Ratio Lower Upper

88 100

43 43.8 35.6 53.4

58 67.8 57.4 86.2



#50

Toluene-d8

Concen: 97.395 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075128.D

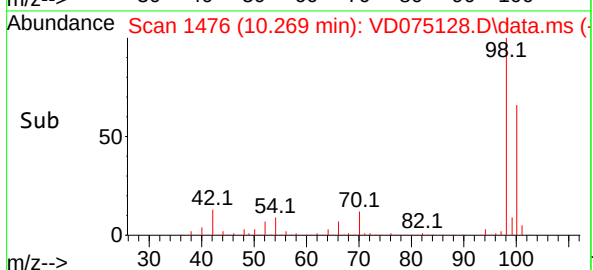
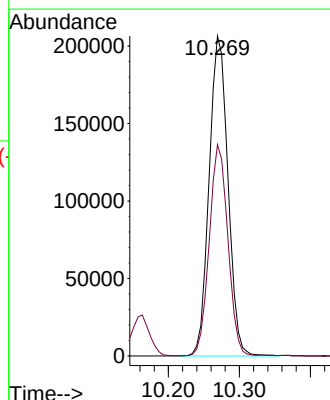
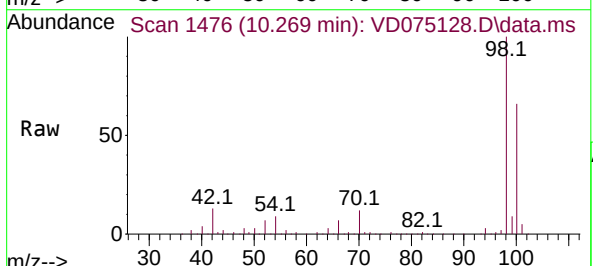
Acq: 18 Jan 2023 12:42

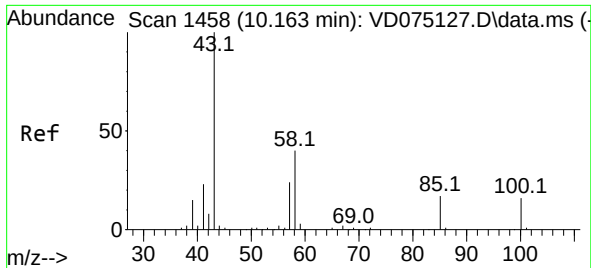
Tgt Ion: 98 Resp: 380306

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1

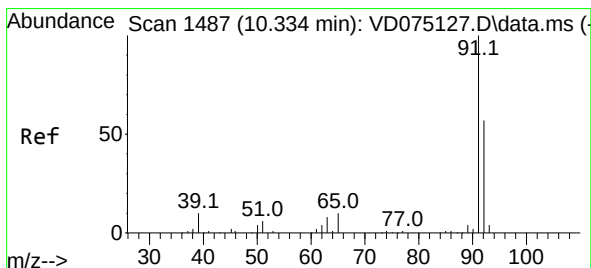
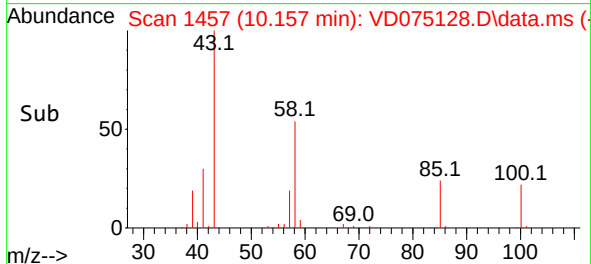
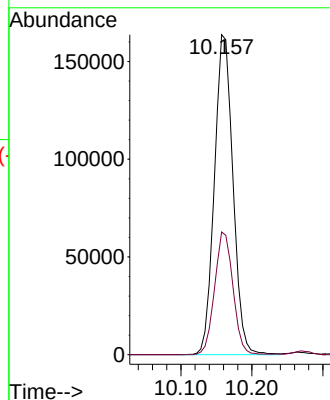
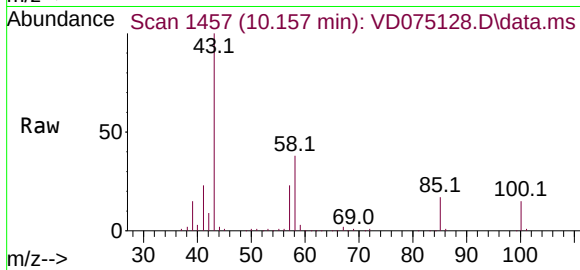




#51
4-Methyl-2-Pentanone
Concen: 489.388 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

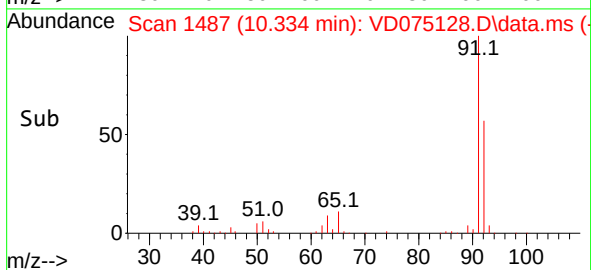
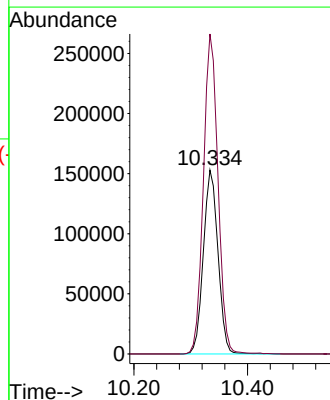
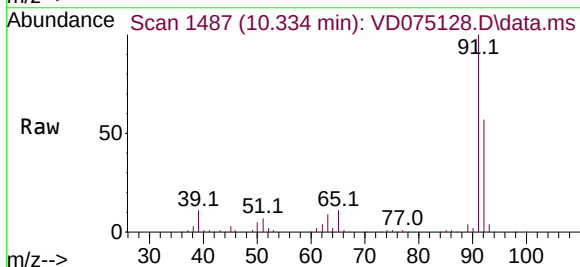
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

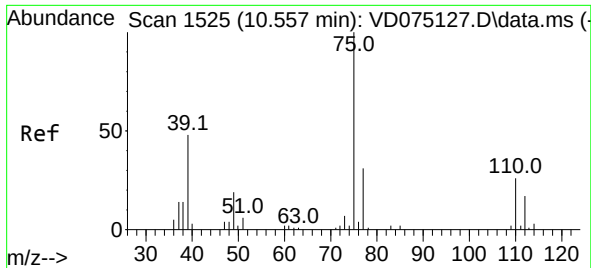
Tgt Ion: 43 Resp: 297355
Ion Ratio Lower Upper
43 100
58 37.9 31.4 47.0



#52
Toluene
Concen: 95.605 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 92 Resp: 273463
Ion Ratio Lower Upper
92 100
91 173.2 137.0 205.4

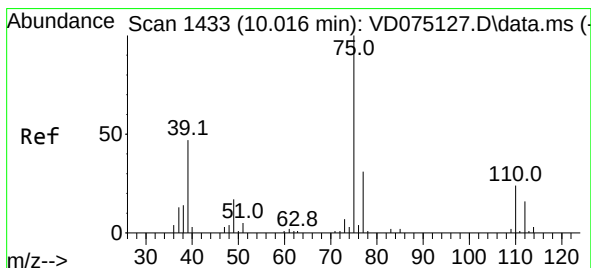
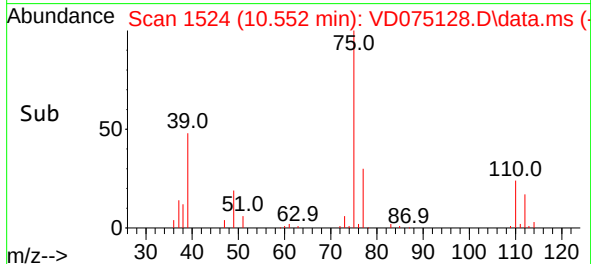
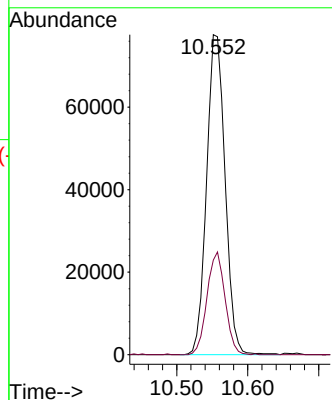
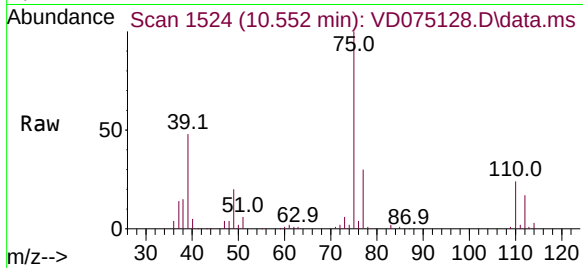




#53
 t-1,3-Dichloropropene
 Concen: 101.231 ug/l
 RT: 10.552 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VD075128.D
 Acq: 18 Jan 2023 12:42

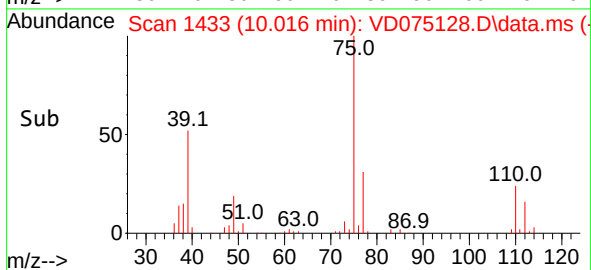
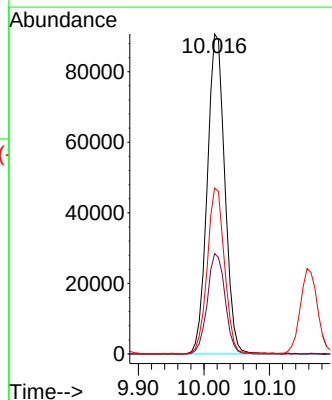
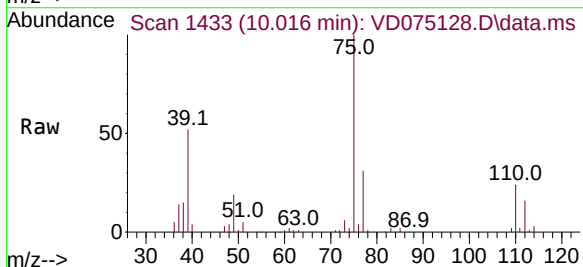
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

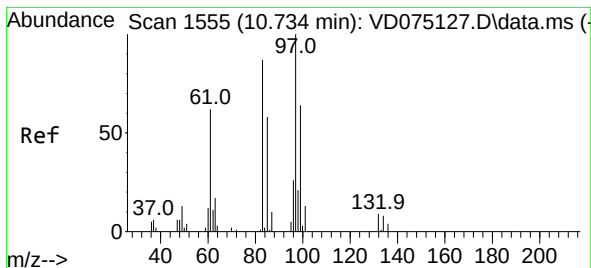
Tgt Ion: 75 Resp: 140477
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 99.066 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075128.D
 Acq: 18 Jan 2023 12:42

Tgt Ion: 75 Resp: 168617
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7
 39 51.8 37.9 56.9

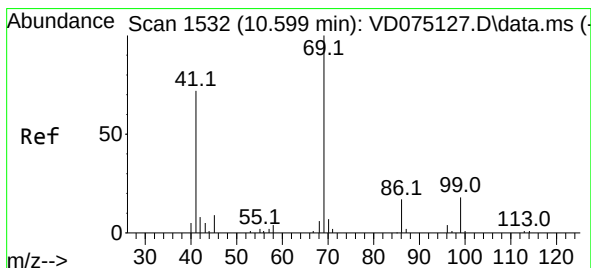
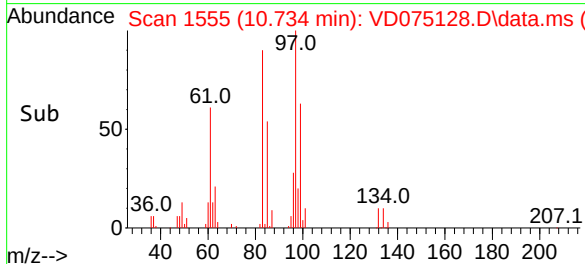
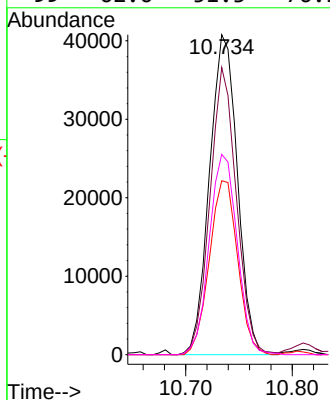
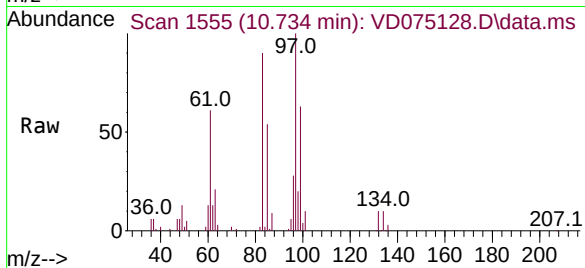




#55
1,1,2-Trichloroethane
Concen: 95.957 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

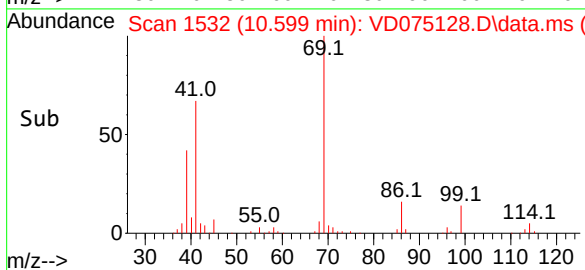
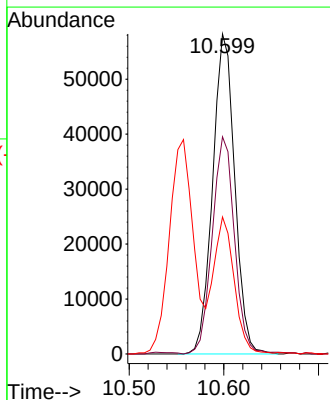
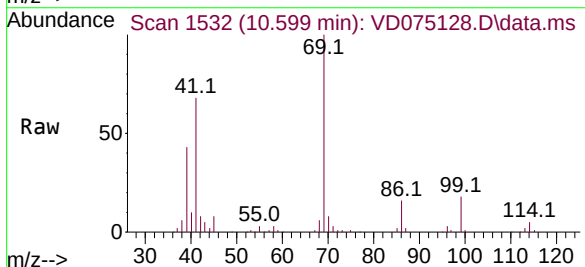
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

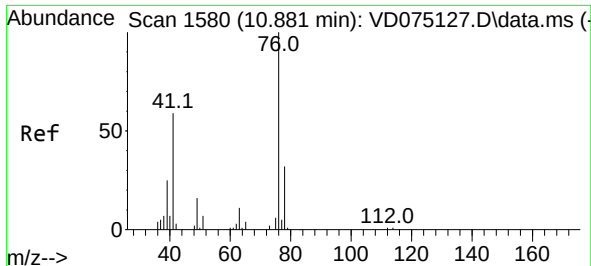
Tgt Ion: 97	Resp: 74368
Ion Ratio	Lower Upper
97 100	
83 89.7	69.4 104.0
85 54.4	46.0 69.0
99 62.6	51.3 76.9



#56
Ethyl methacrylate
Concen: 98.629 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 69	Resp: 94549
Ion Ratio	Lower Upper
69 100	
41 68.7	55.7 83.5
39 39.8	31.4 47.0





#57

1,3-Dichloropropane

Concen: 96.010 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

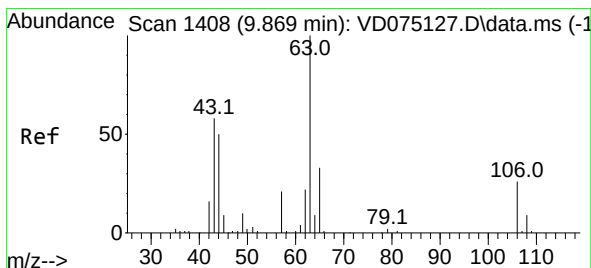
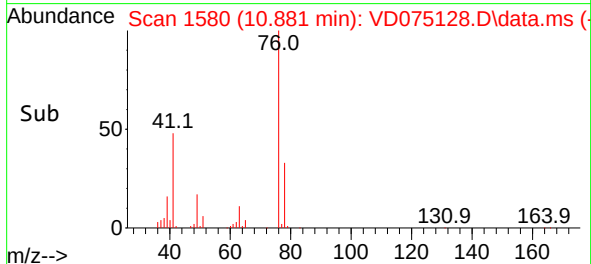
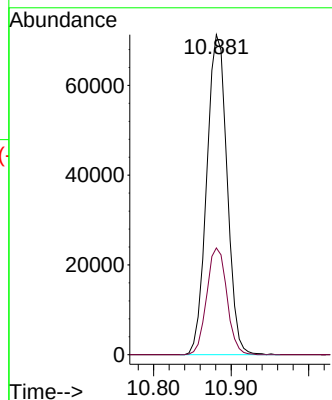
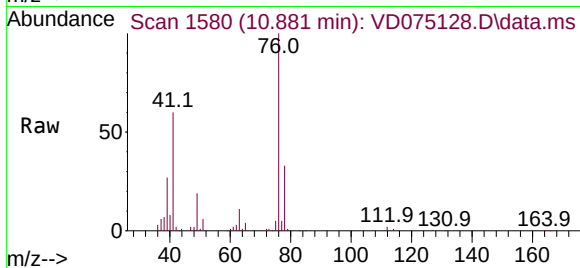
VSTDIC100

Tgt Ion: 76 Resp: 129957

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 507.825 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075128.D

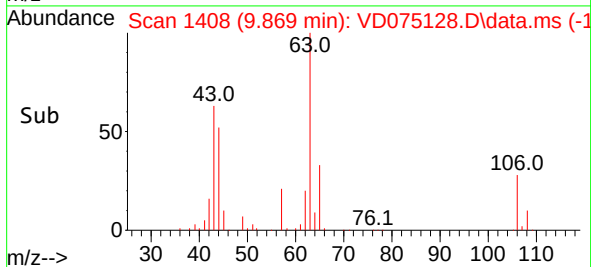
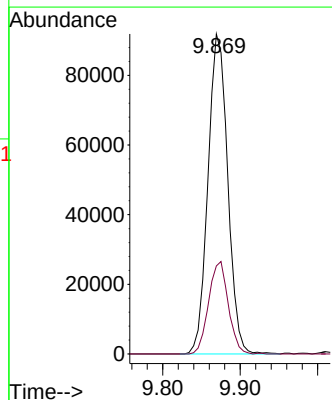
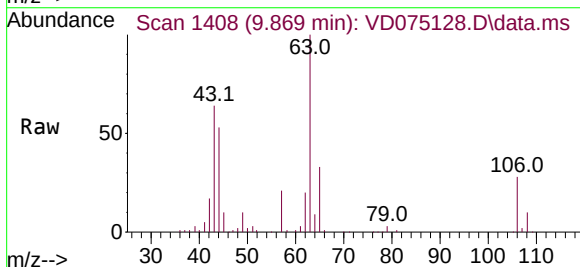
Acq: 18 Jan 2023 12:42

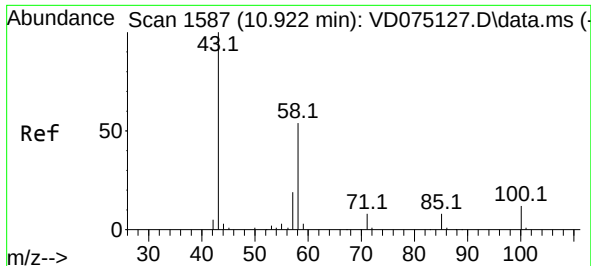
Tgt Ion: 63 Resp: 162760

Ion Ratio Lower Upper

63 100

106 28.8 22.6 33.8

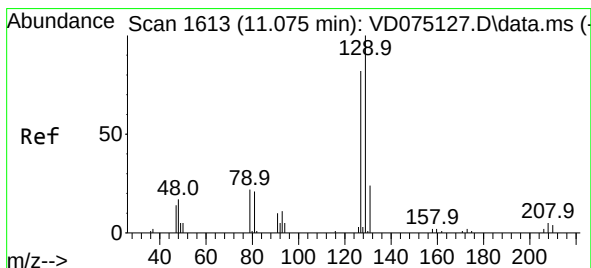
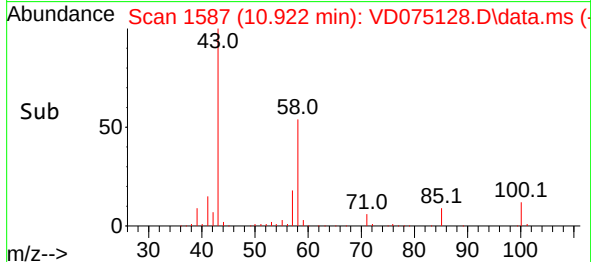
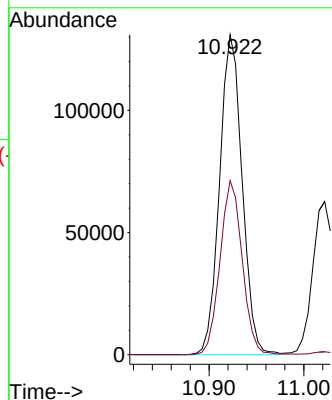
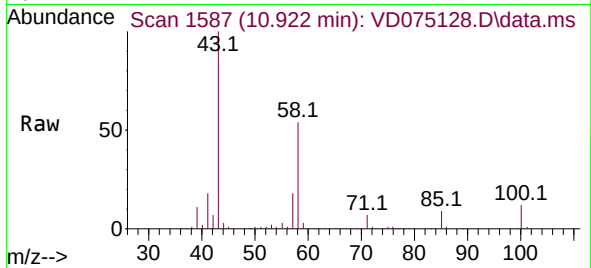




#59
2-Hexanone
Concen: 491.515 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

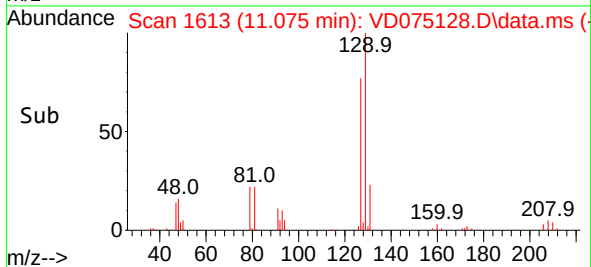
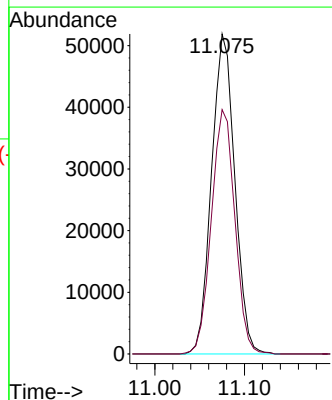
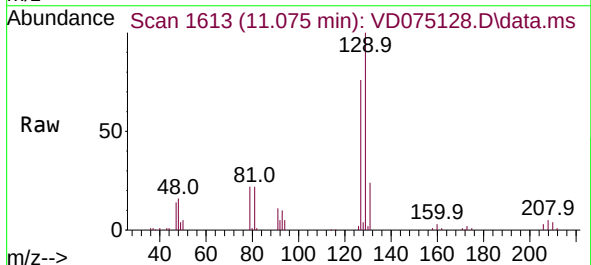
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

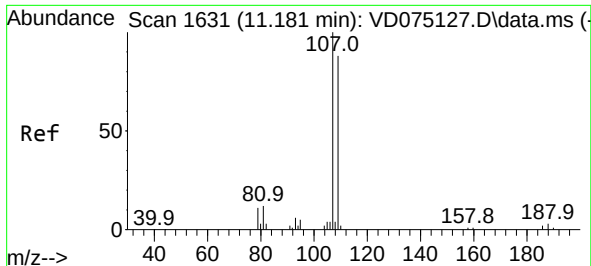
Tgt Ion: 43 Resp: 216582
Ion Ratio Lower Upper
43 100
58 53.7 26.8 80.4



#60
Dibromochloromethane
Concen: 98.487 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 129 Resp: 93345
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

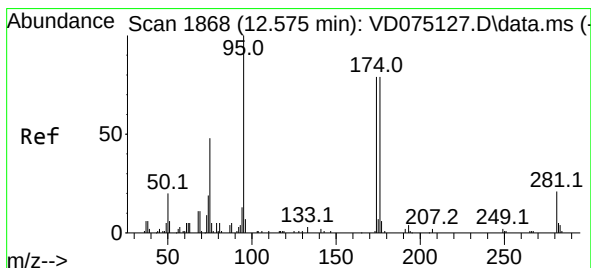
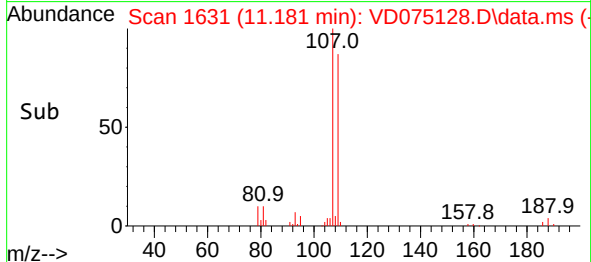
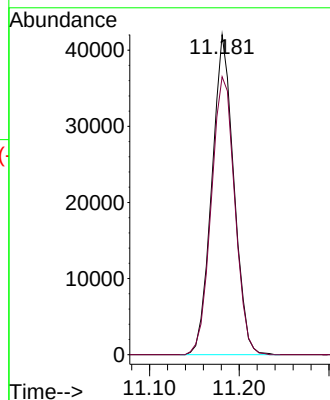
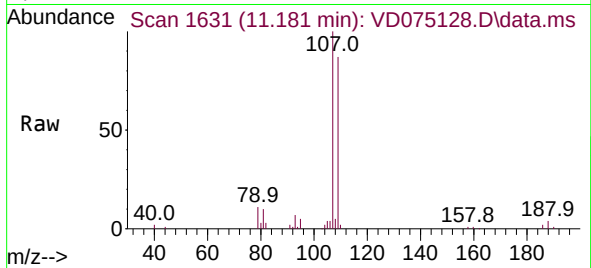




#61
1,2-Dibromoethane
Concen: 95.423 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

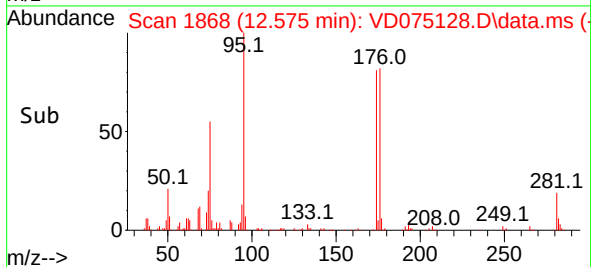
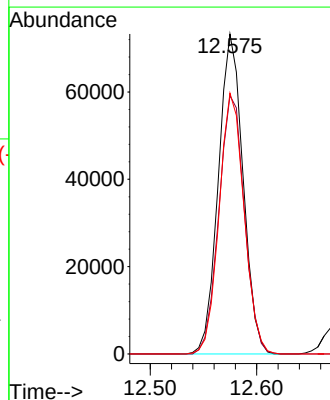
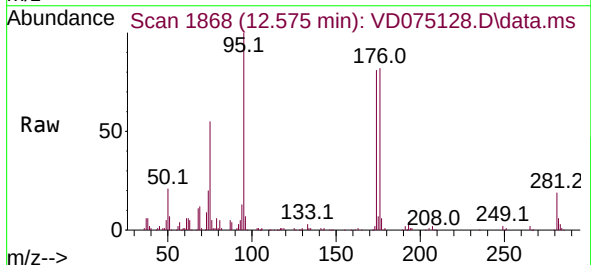
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

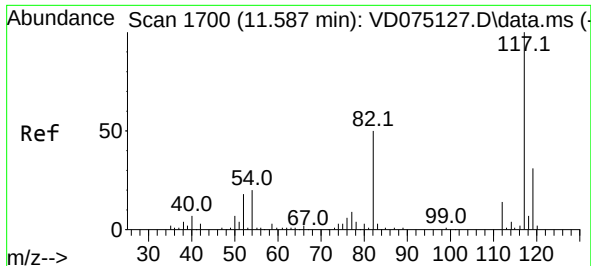
Tgt Ion:107 Resp: 71498
Ion Ratio Lower Upper
107 100
109 92.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 95.522 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 95 Resp: 117766
Ion Ratio Lower Upper
95 100
174 83.4 0.0 161.2
176 82.4 0.0 160.2

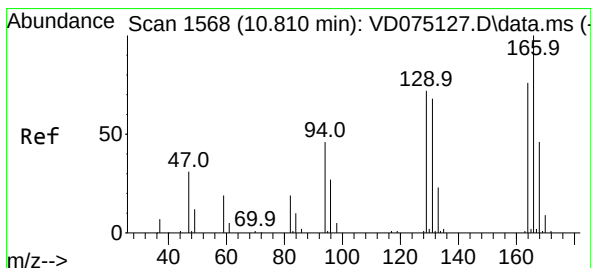
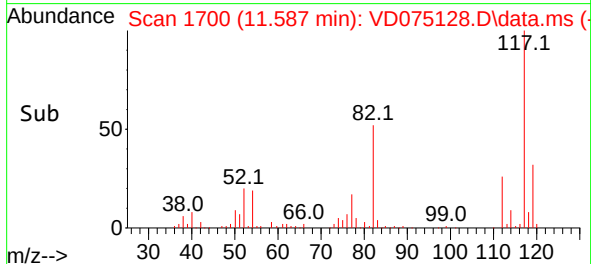
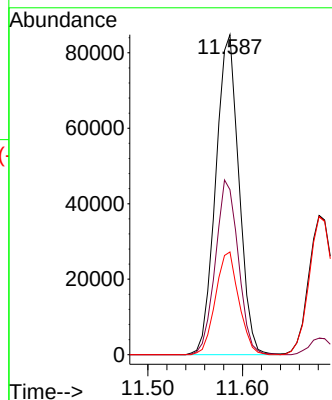
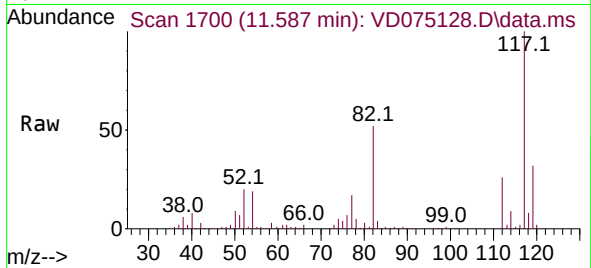




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

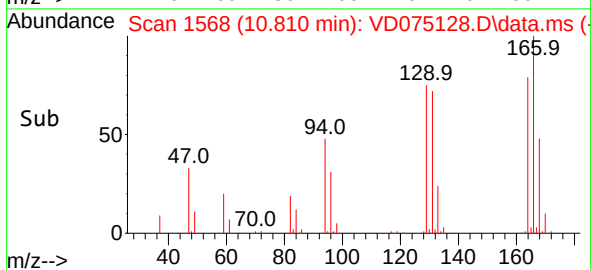
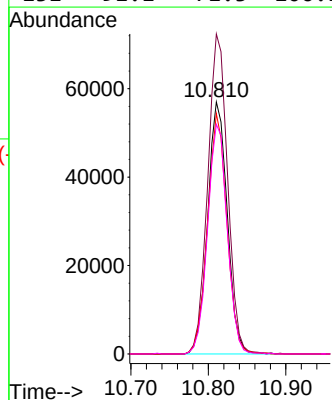
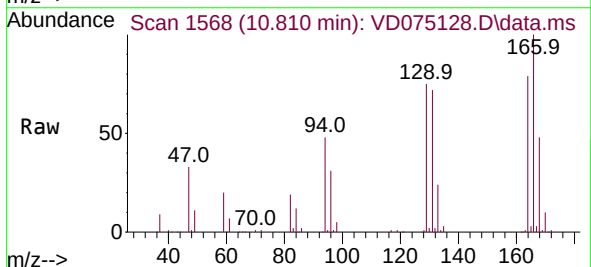
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

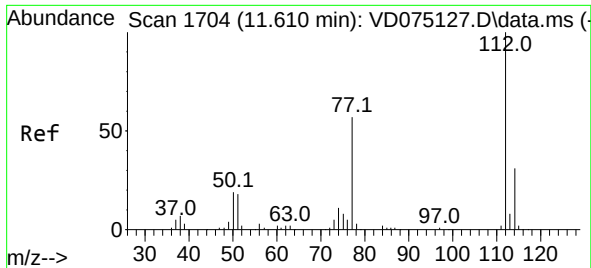
Tgt Ion:117 Resp: 144508
Ion Ratio Lower Upper
117 100
82 51.5 39.6 59.4
119 32.1 24.6 37.0



#64
Tetrachloroethene
Concen: 96.569 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion:164 Resp: 100049
Ion Ratio Lower Upper
164 100
166 127.0 105.3 157.9
129 95.4 76.2 114.4
131 91.1 71.3 106.9

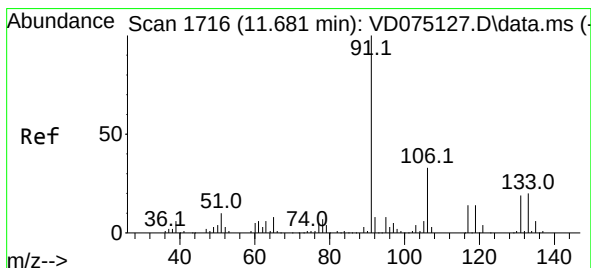
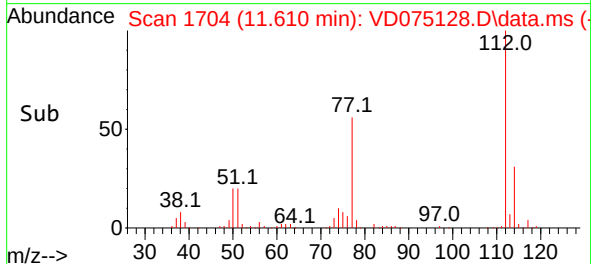
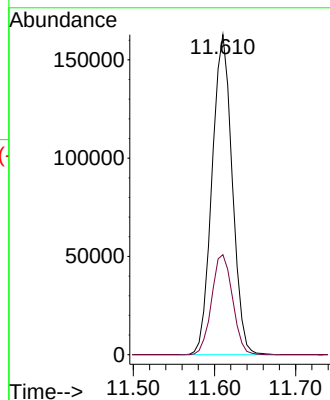
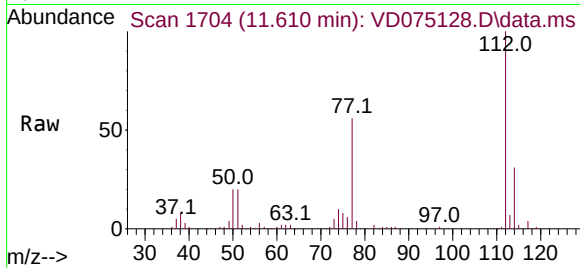




#65
Chlorobenzene
Concen: 96.161 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

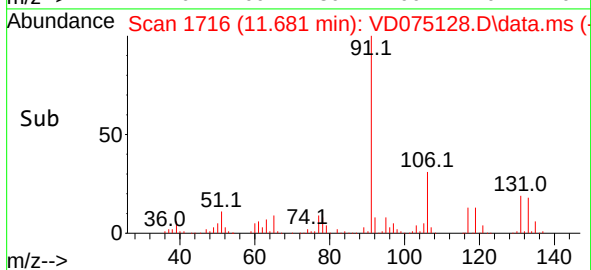
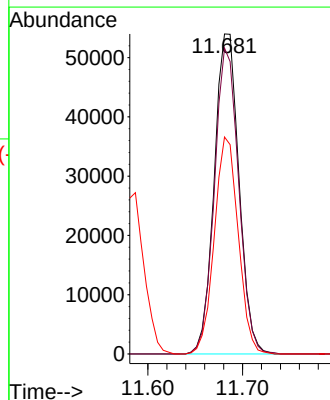
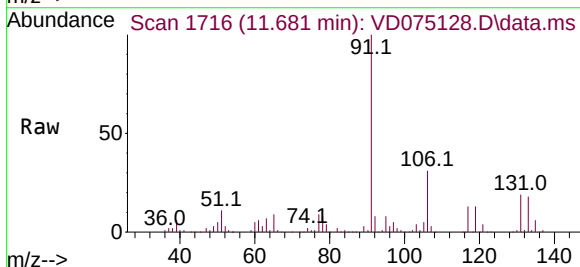
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

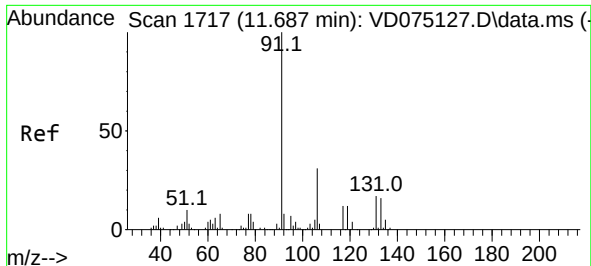
Tgt Ion:112 Resp: 280992
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 98.932 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion:131 Resp: 97906
Ion Ratio Lower Upper
131 100
133 93.9 49.0 147.2
119 65.6 34.8 104.5

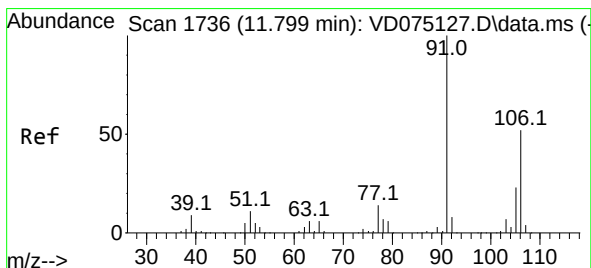
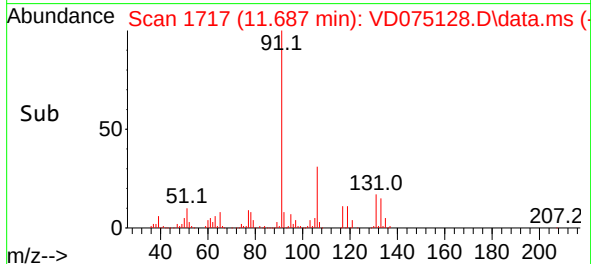
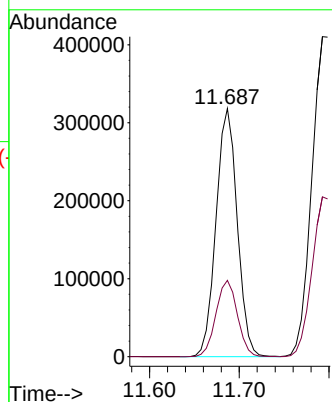
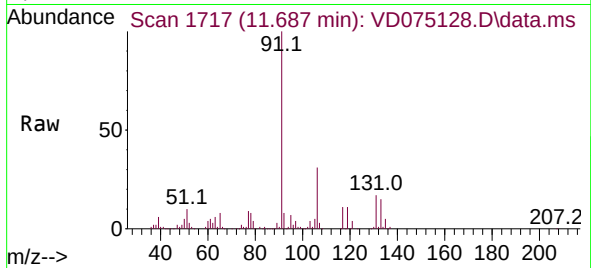




#67
Ethyl Benzene
Concen: 97.825 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

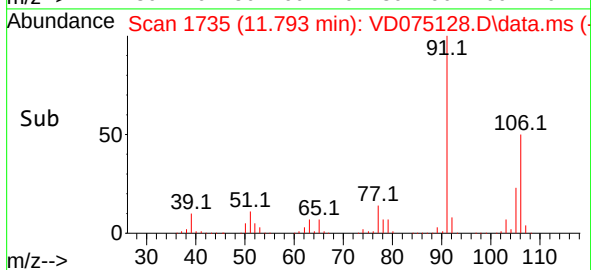
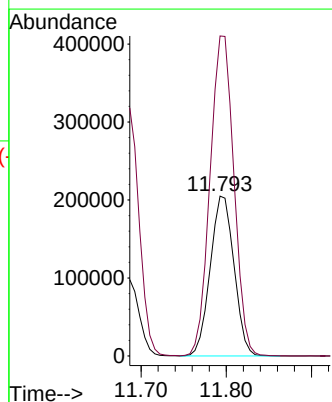
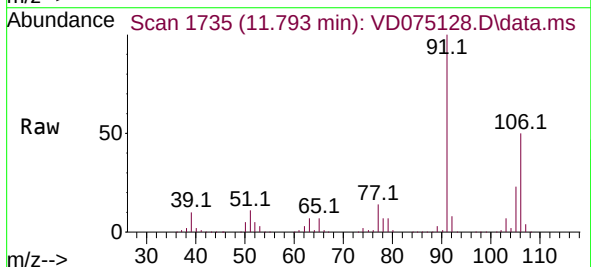
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

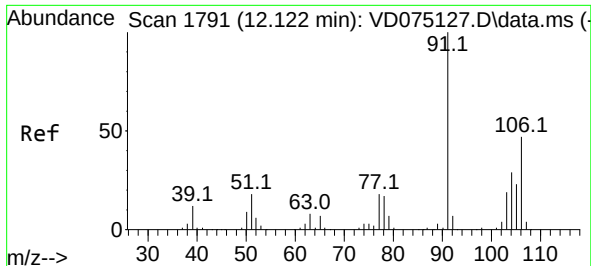
Tgt Ion: 91 Resp: 521627
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 193.726 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion:106 Resp: 398055
Ion Ratio Lower Upper
106 100
91 201.1 160.3 240.5





#69

o-Xylene

Concen: 96.623 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

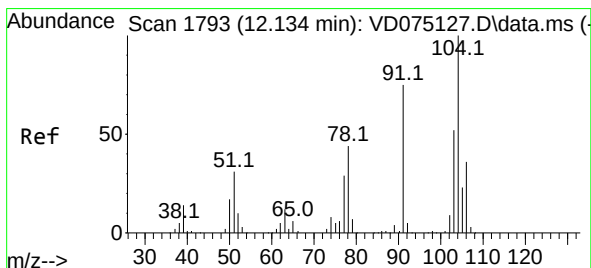
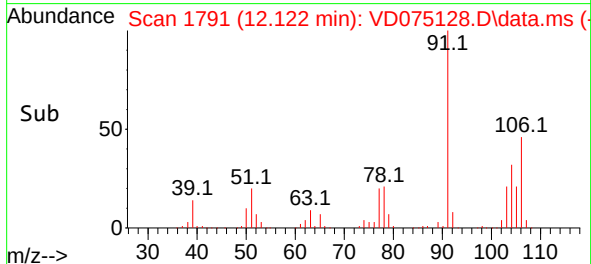
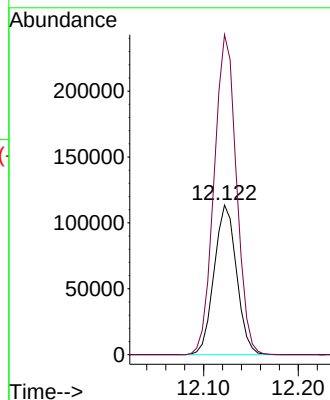
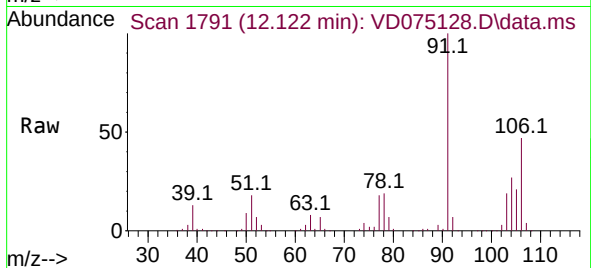
VSTDICC100

Tgt Ion:106 Resp: 186962

Ion Ratio Lower Upper

106 100

91 213.0 103.6 310.9



#70

Styrene

Concen: 95.771 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

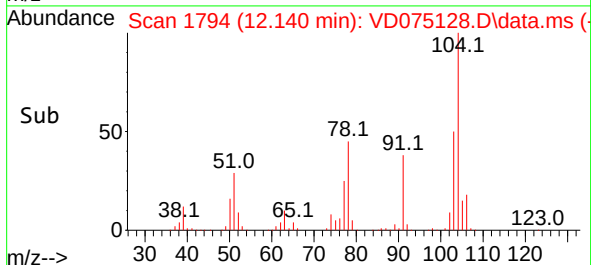
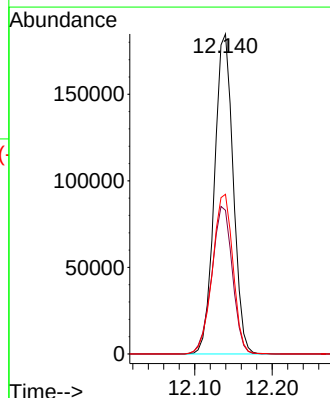
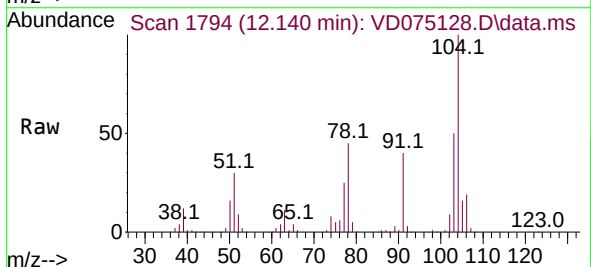
Tgt Ion:104 Resp: 310062

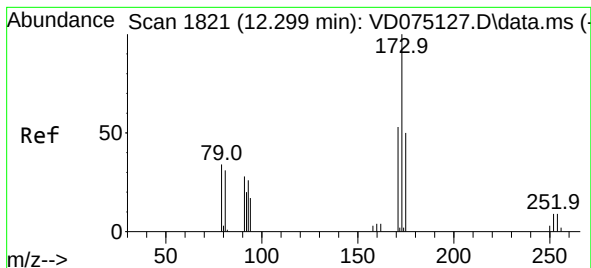
Ion Ratio Lower Upper

104 100

78 50.9 38.9 58.3

103 54.7 43.6 65.4





#71

Bromoform

Concen: 101.888 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

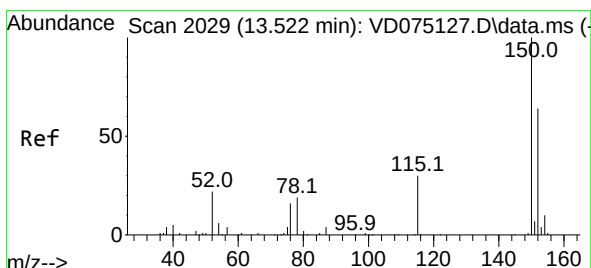
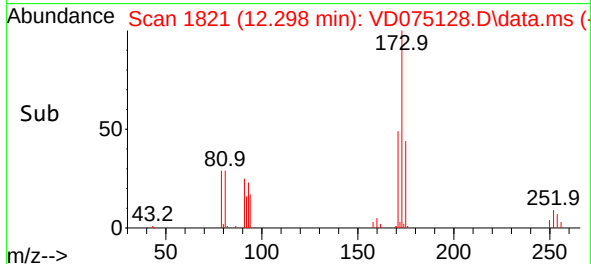
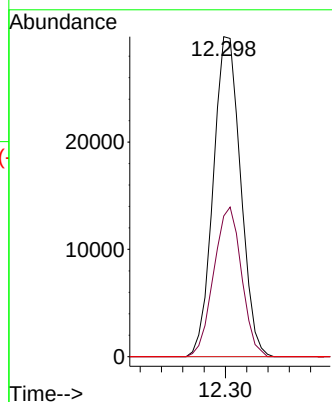
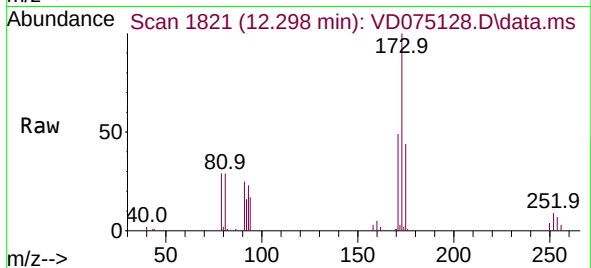
Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion:	173	Resp:	53114
Ion Ratio	Lower	Upper	
173	100		
175	47.5	25.4	76.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

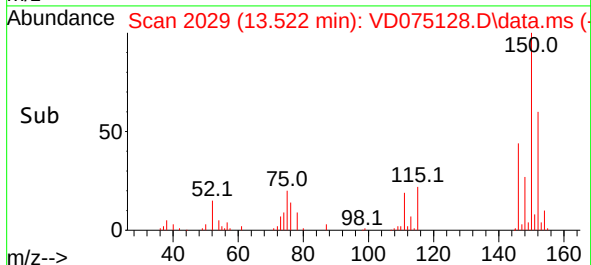
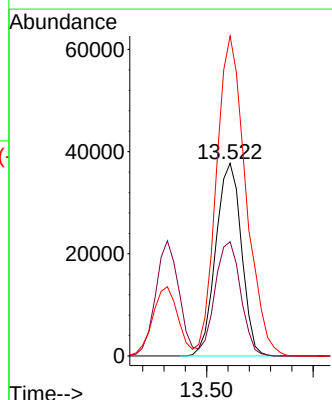
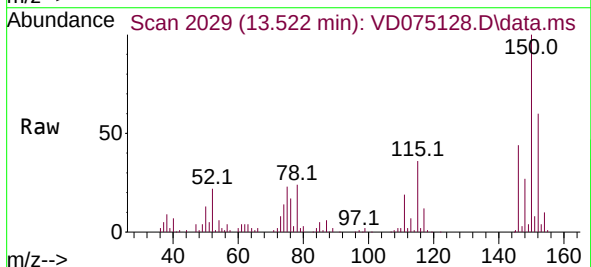
RT: 13.522 min Scan# 2029

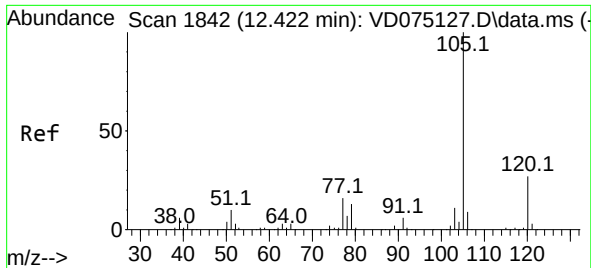
Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Tgt Ion:	152	Resp:	63041
Ion Ratio	Lower	Upper	
152	100		
115	59.3	28.8	86.4
150	190.8	0.0	348.6

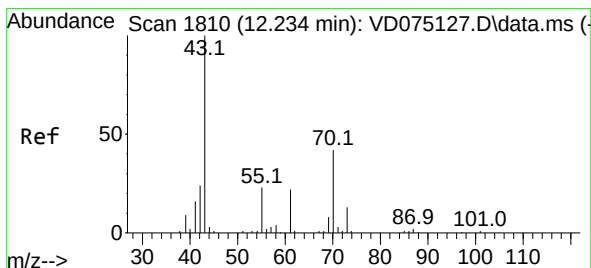
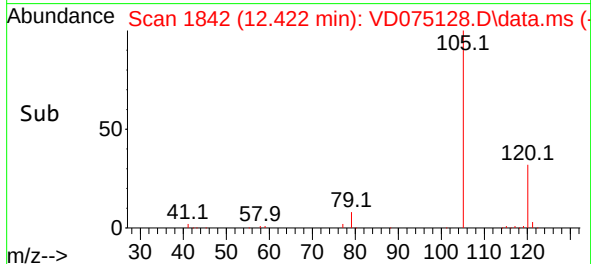
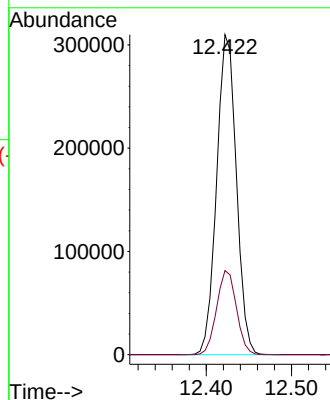
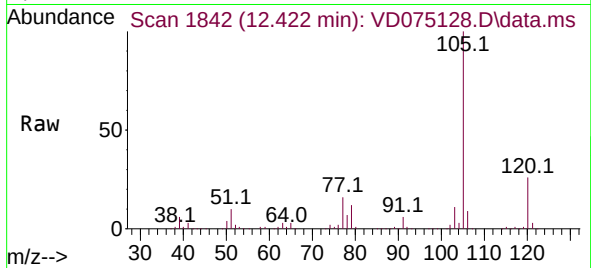




#73
Isopropylbenzene
Concen: 101.049 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

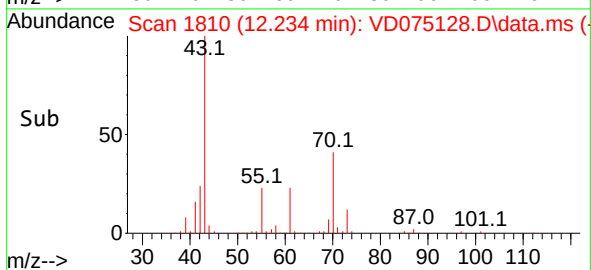
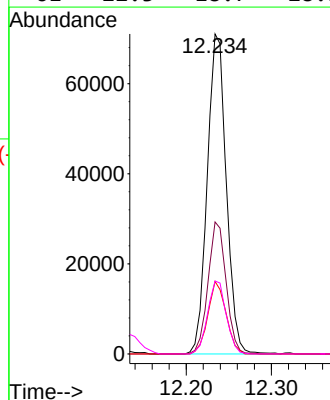
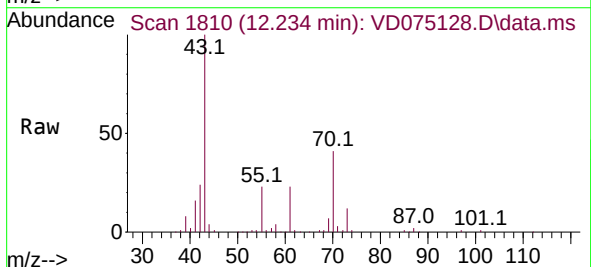
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

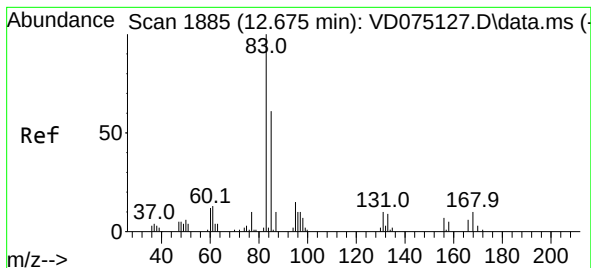
Tgt Ion:105 Resp: 498545
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.1



#74
N-ethyl acetate
Concen: 101.572 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 43 Resp: 110144
Ion Ratio Lower Upper
43 100
70 39.3 32.6 49.0
55 21.6 17.8 26.8
61 22.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 96.316 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

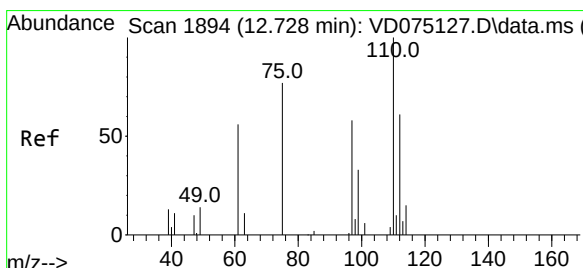
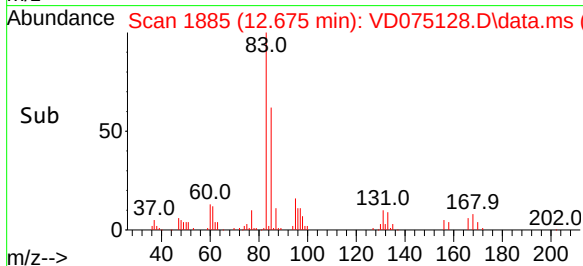
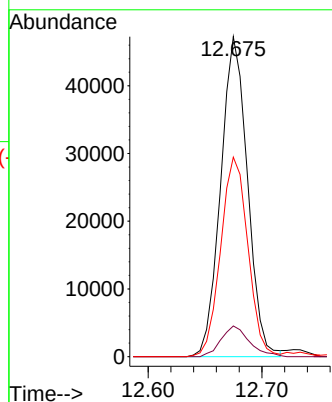
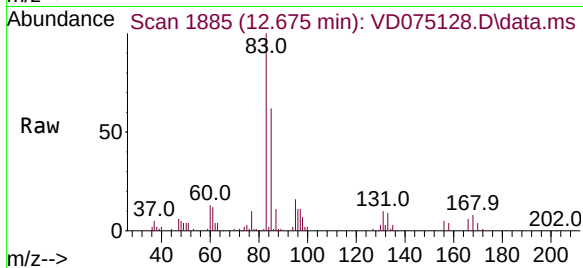
Tgt Ion: 83 Resp: 77428

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.6

85 63.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 169.695 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075128.D

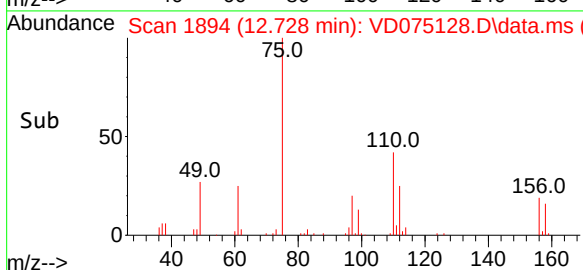
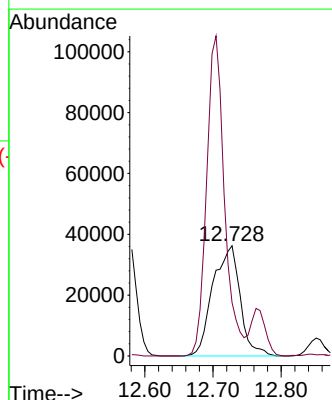
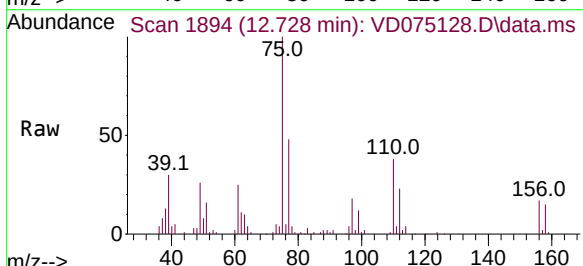
Acq: 18 Jan 2023 12:42

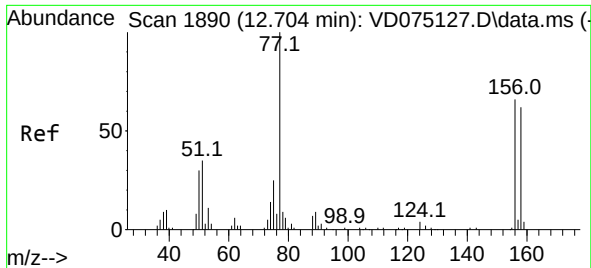
Tgt Ion: 75 Resp: 100910

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

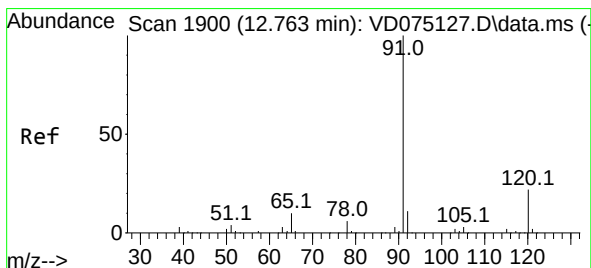
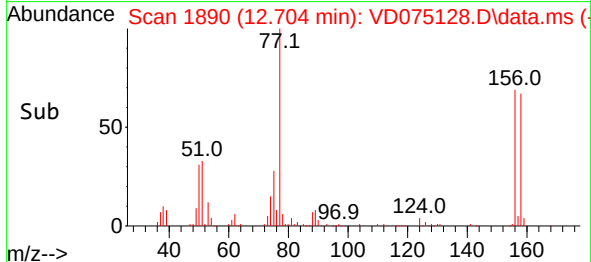
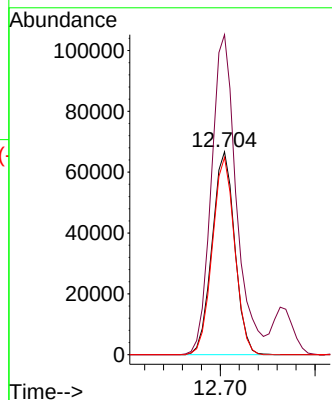
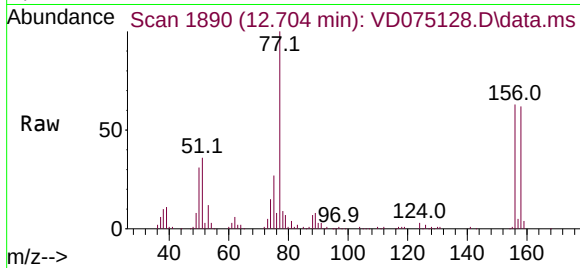




#77
Bromobenzene
Concen: 98.771 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

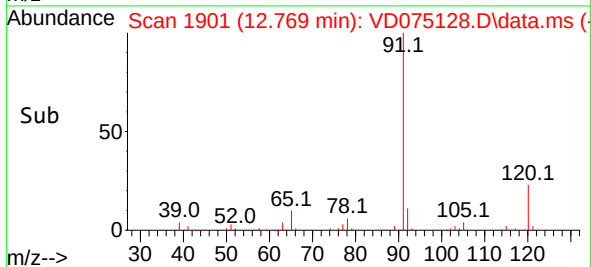
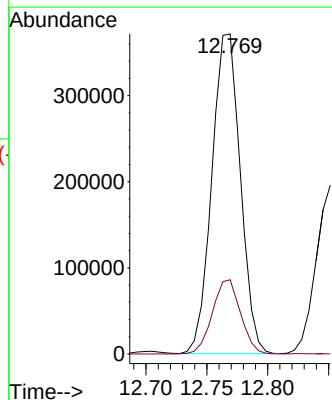
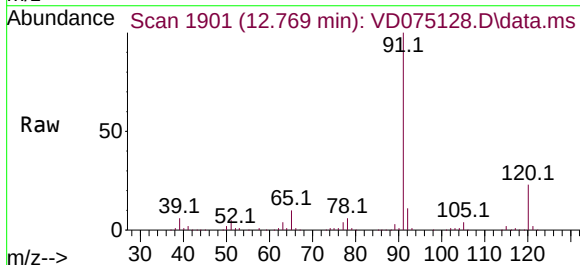
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

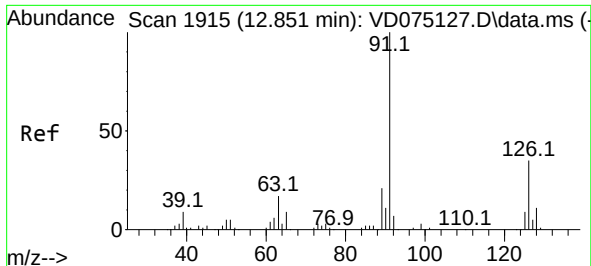
Tgt Ion:156 Resp: 110681
Ion Ratio Lower Upper
156 100
77 174.3 85.6 256.8
158 96.0 47.3 141.9



#78
n-propylbenzene
Concen: 98.804 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 91 Resp: 604678
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.0

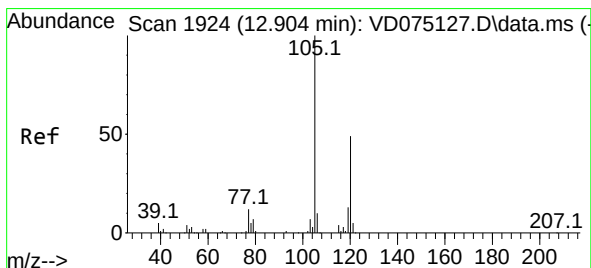
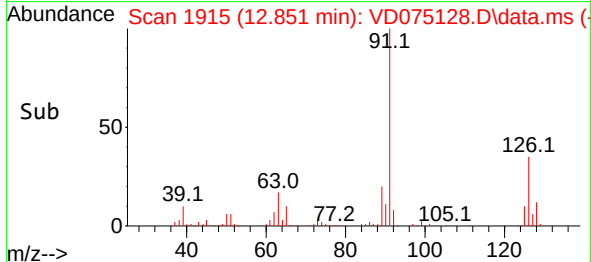
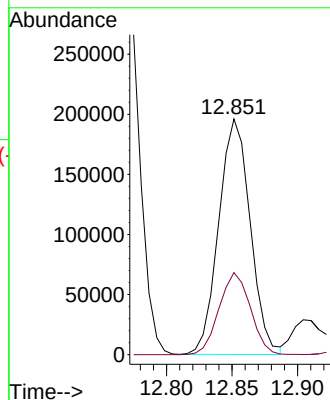
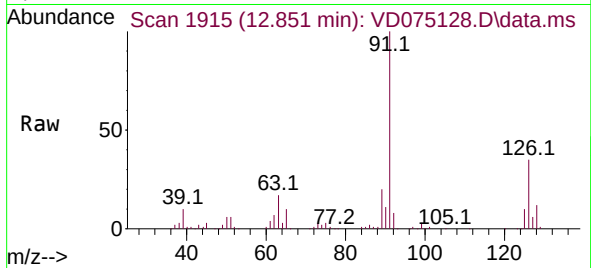




#79
2-Chlorotoluene
Concen: 97.719 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

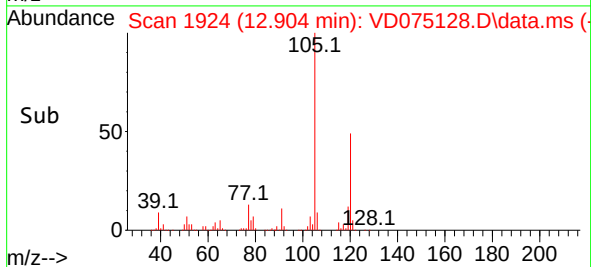
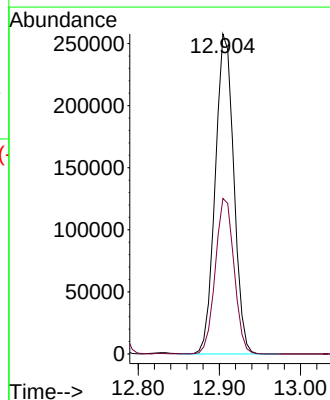
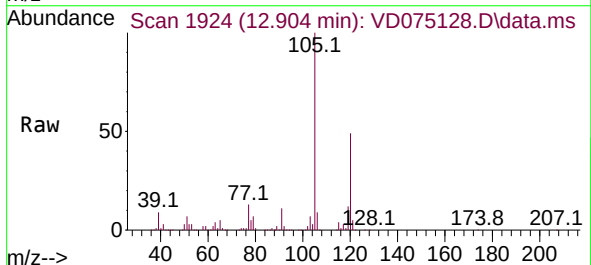
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

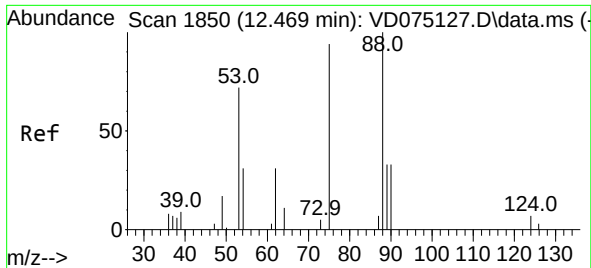
Tgt Ion: 91 Resp: 327943
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 100.884 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 105 Resp: 409070
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8

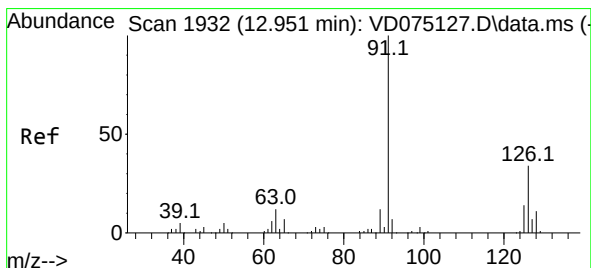
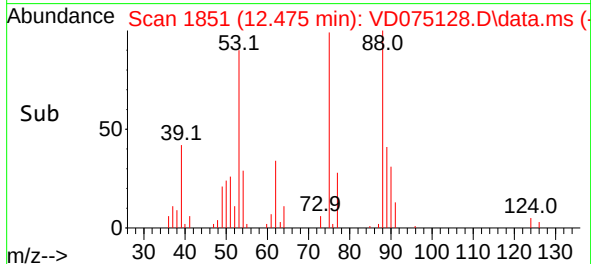
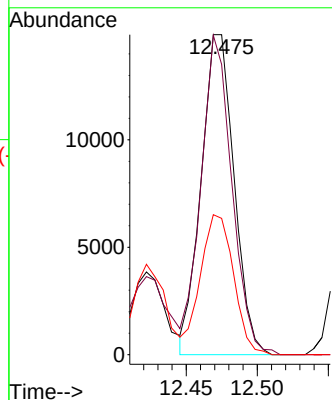
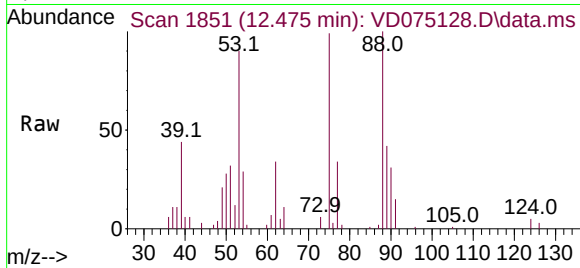




#81
trans-1,4-Dichloro-2-butene
Concen: 105.492 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

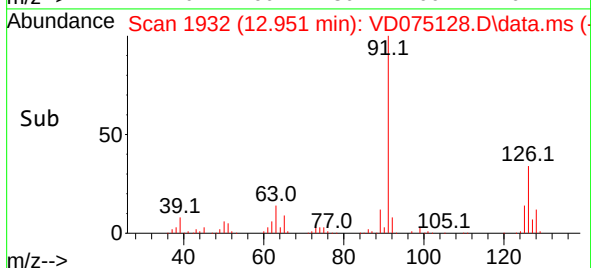
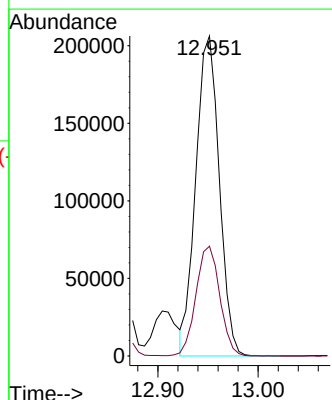
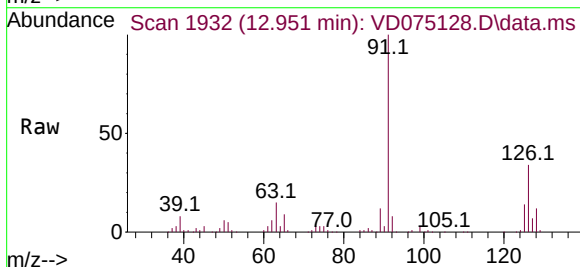
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

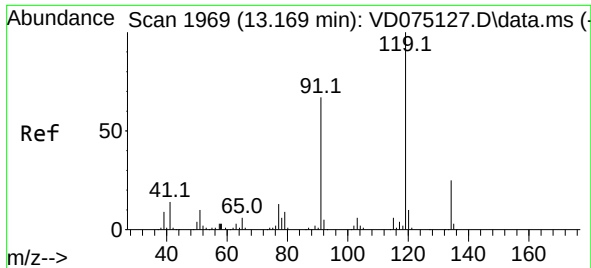
Tgt Ion: 75 Resp: 23991
Ion Ratio Lower Upper
75 100
53 93.8 70.5 105.7
89 44.3 34.6 52.0



#82
4-Chlorotoluene
Concen: 96.670 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion: 91 Resp: 335953
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0

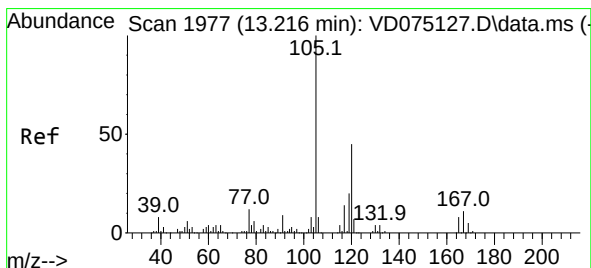
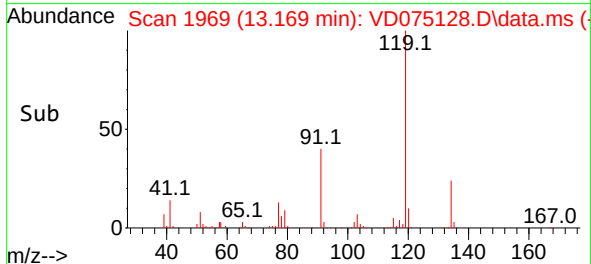
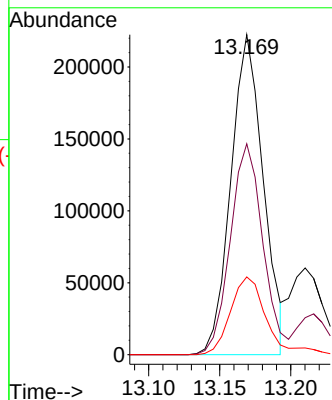
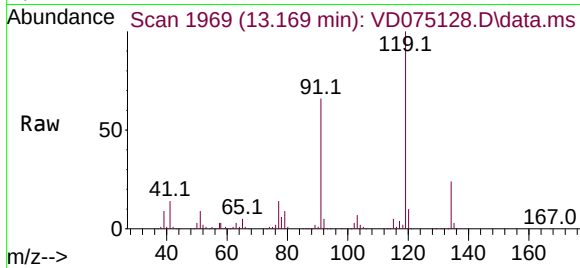




#83
tert-Butylbenzene
Concen: 99.976 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

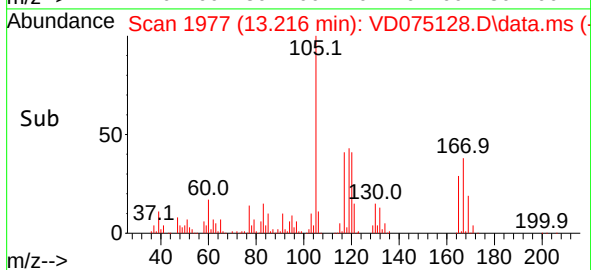
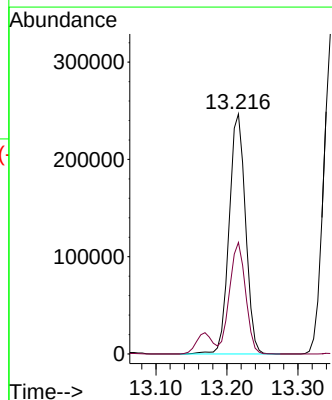
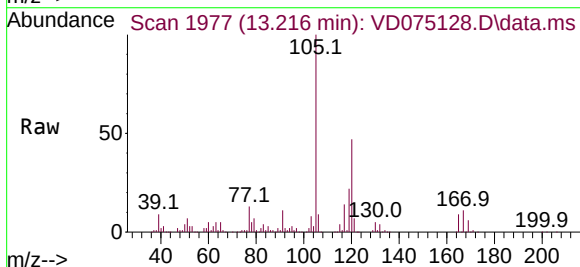
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

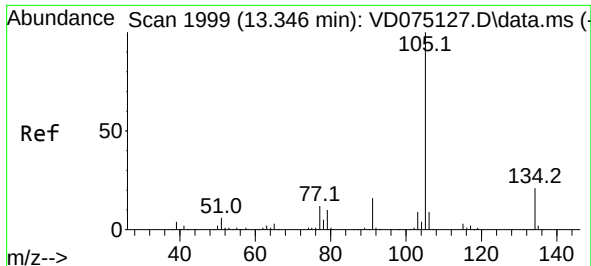
Tgt Ion:119 Resp: 352991
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.6
134 27.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 99.293 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion:105 Resp: 394661
Ion Ratio Lower Upper
105 100
120 45.6 23.2 69.5

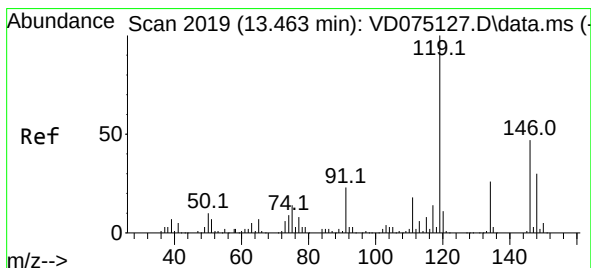
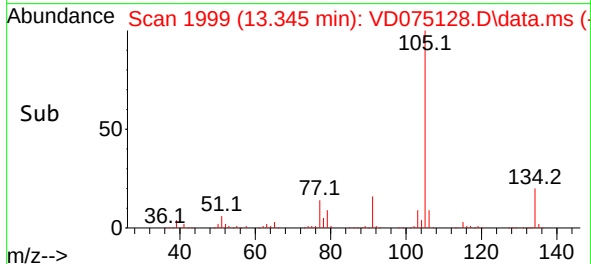
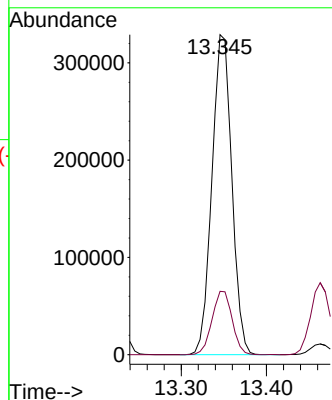
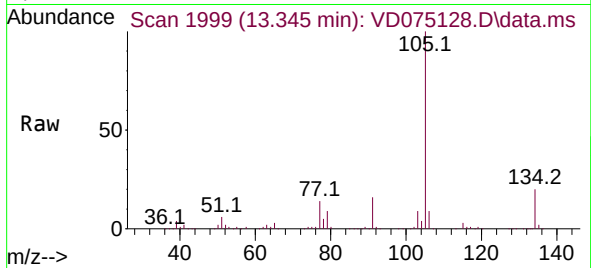




#85
 sec-Butylbenzene
 Concen: 99.827 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD075128.D
 Acq: 18 Jan 2023 12:42

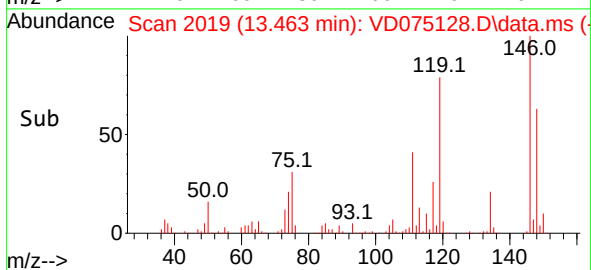
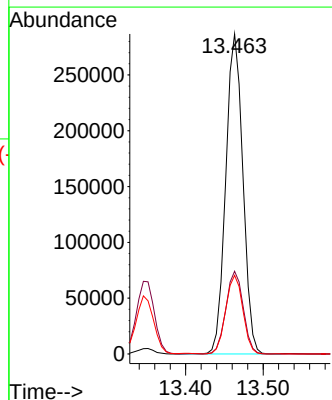
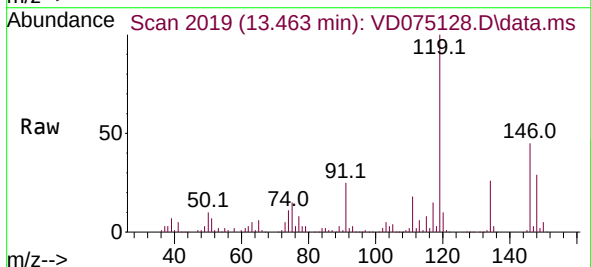
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

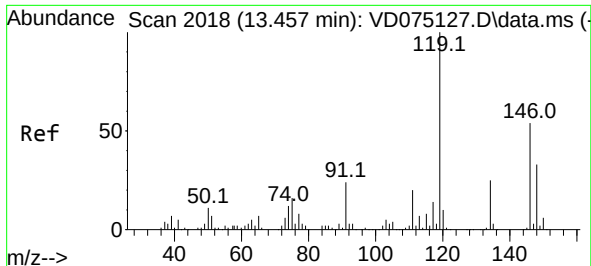
Tgt Ion:105 Resp: 532931
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 100.558 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075128.D
 Acq: 18 Jan 2023 12:42

Tgt Ion:119 Resp: 441202
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 24.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 95.835 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

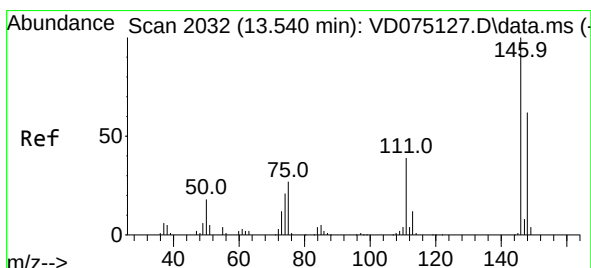
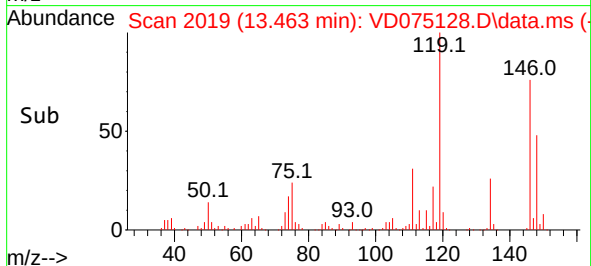
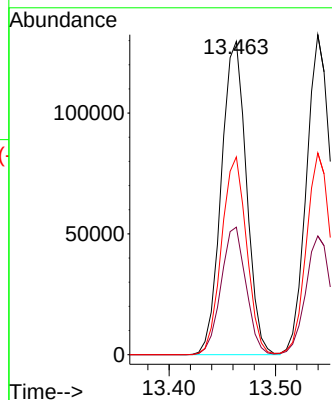
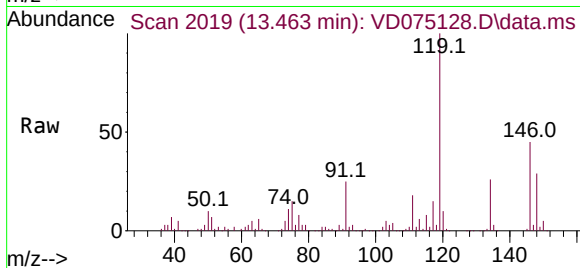
Tgt Ion:146 Resp: 212372

Ion Ratio Lower Upper

146 100

111 40.4 18.9 56.9

148 62.8 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 98.017 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

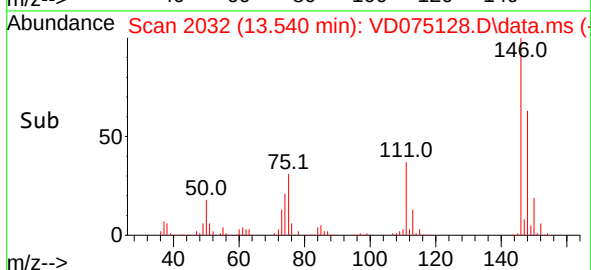
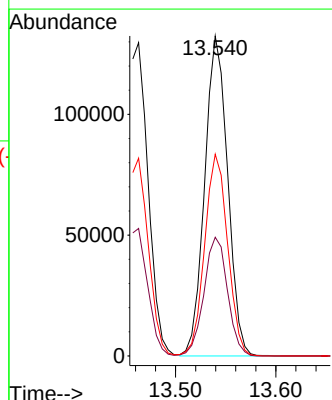
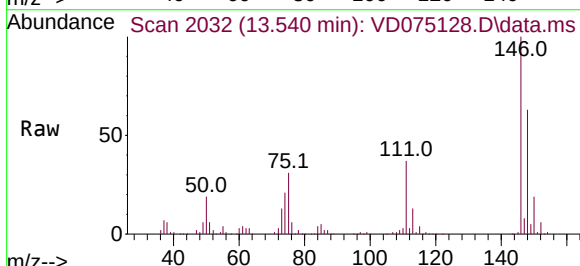
Tgt Ion:146 Resp: 211306

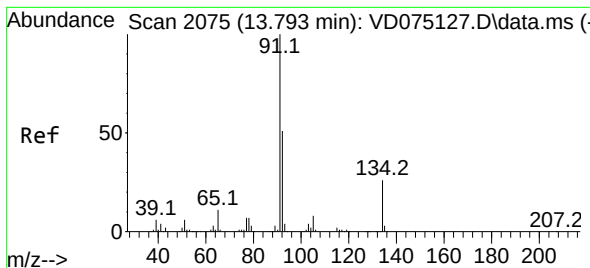
Ion Ratio Lower Upper

146 100

111 38.1 19.7 59.1

148 63.2 31.9 95.5





#89

n-Butylbenzene

Concen: 100.263 ug/l

RT: 13.793 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

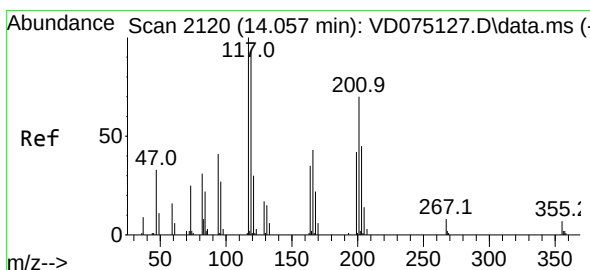
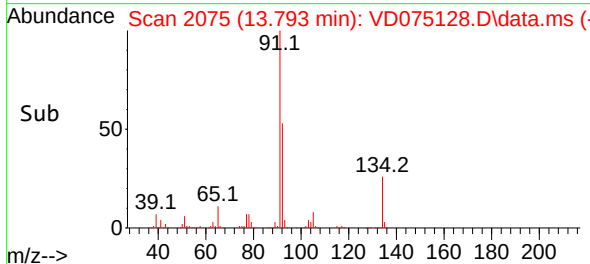
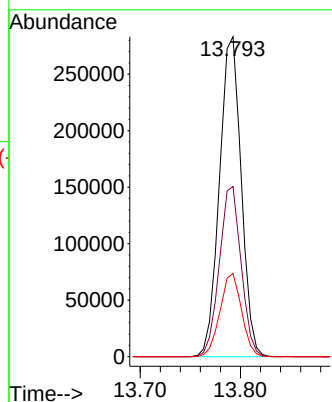
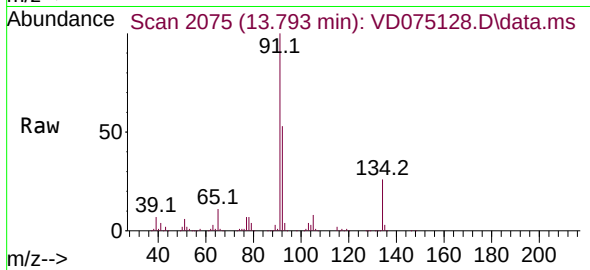
Tgt Ion: 91 Resp: 426802

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.3

134 25.8 13.3 39.8



#90

Hexachloroethane

Concen: 101.539 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD075128.D

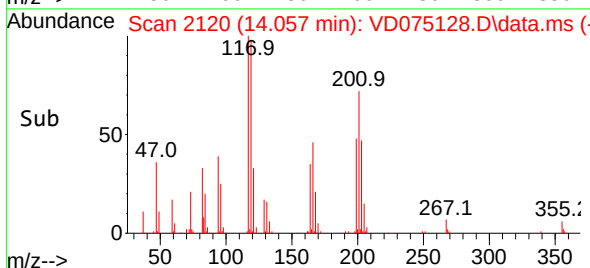
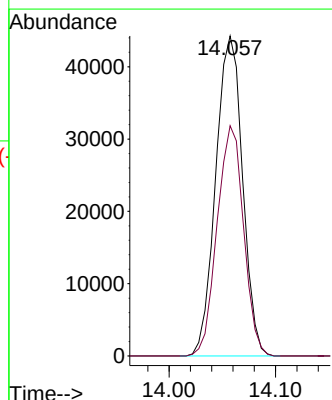
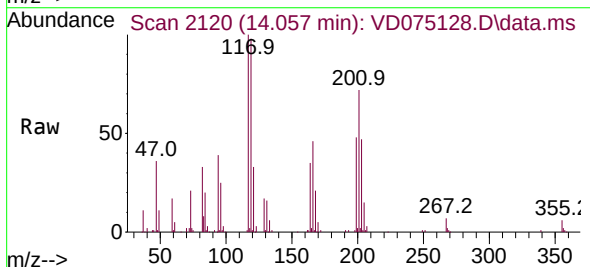
Acq: 18 Jan 2023 12:42

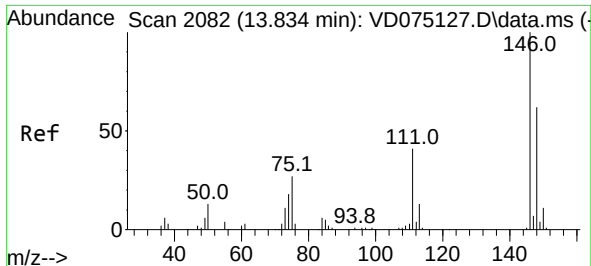
Tgt Ion: 117 Resp: 77415

Ion Ratio Lower Upper

117 100

201 70.9 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 97.016 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

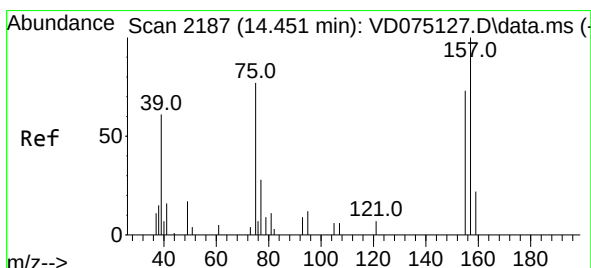
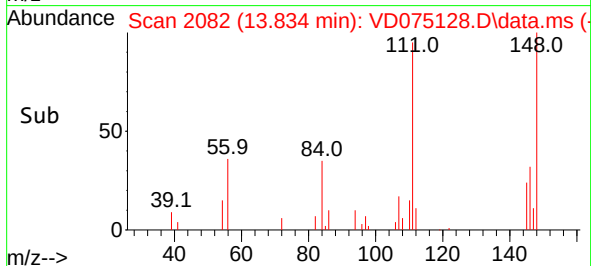
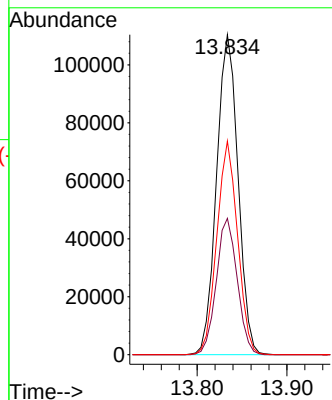
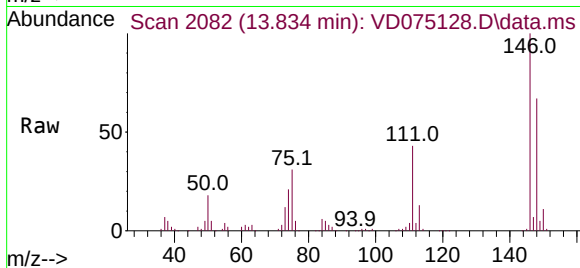
Tgt Ion:146 Resp: 183265

Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.2

148 64.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.464 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075128.D

Acq: 18 Jan 2023 12:42

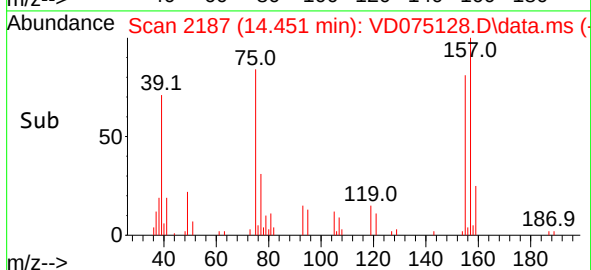
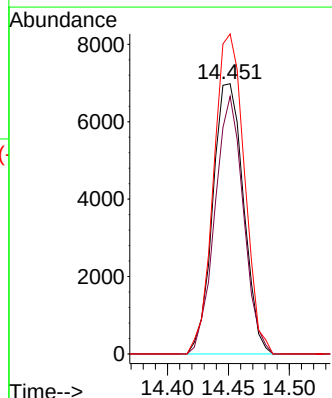
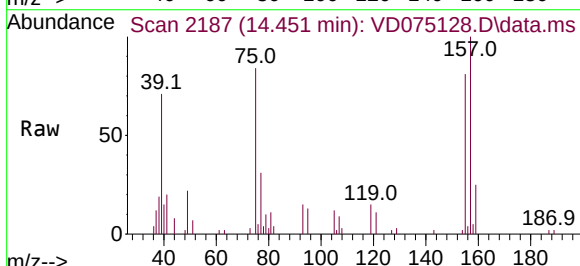
Tgt Ion: 75 Resp: 12243

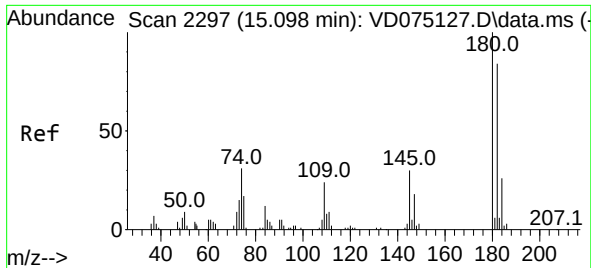
Ion Ratio Lower Upper

75 100

155 88.8 43.4 130.2

157 118.2 56.4 169.2

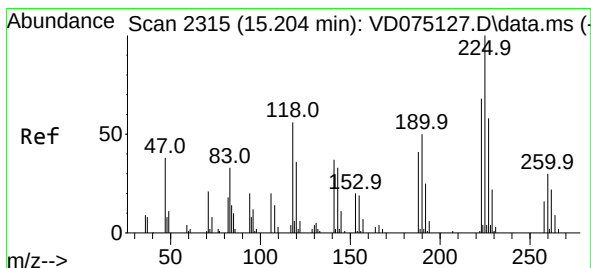
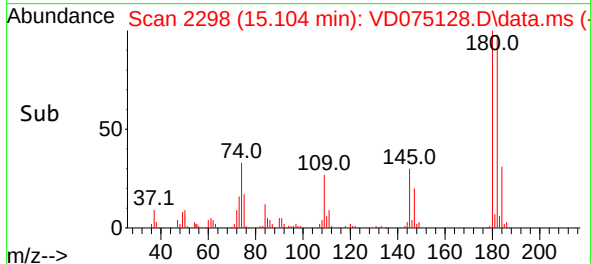
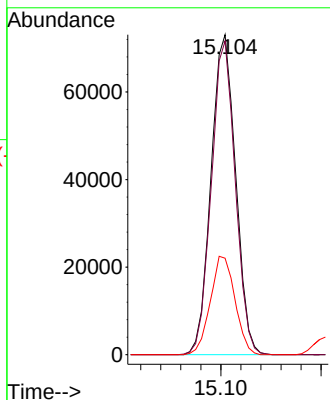
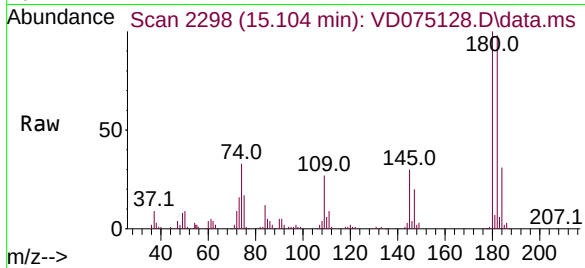




#93
1,2,4-Trichlorobenzene
Concen: 101.569 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

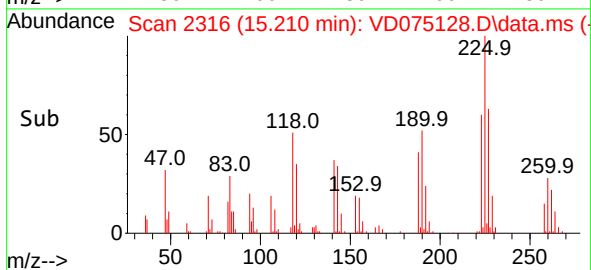
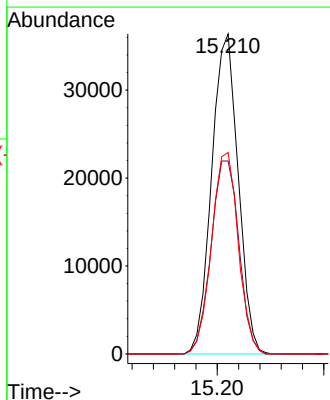
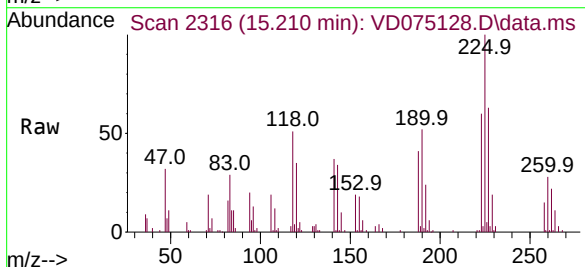
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

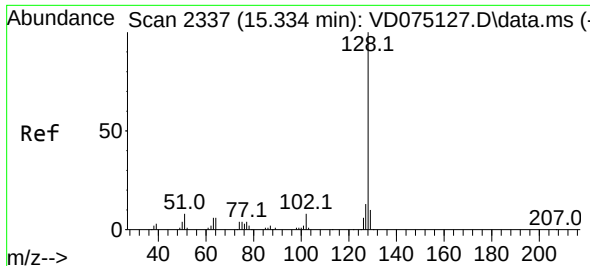
Tgt Ion:180 Resp: 124398
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 30.8 15.8 47.4



#94
Hexachlorobutadiene
Concen: 103.796 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion:225 Resp: 62745
Ion Ratio Lower Upper
225 100
223 63.5 31.8 95.4
227 63.6 30.7 92.1

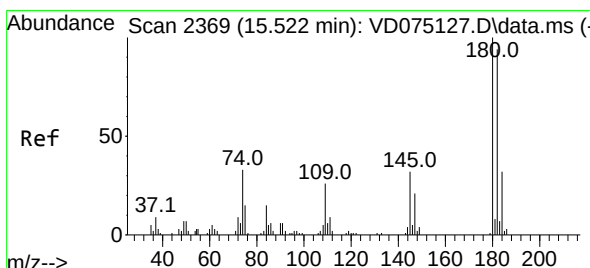
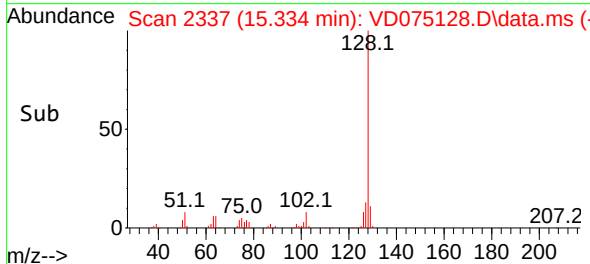
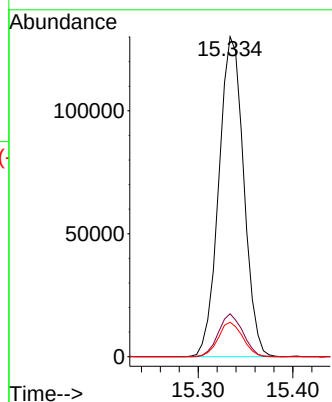
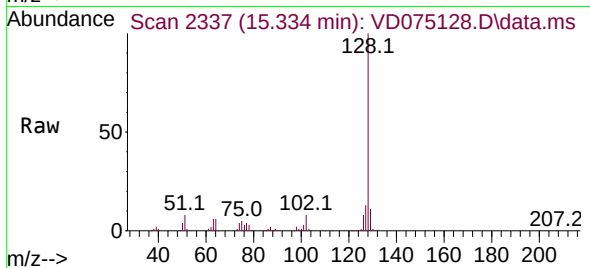




#95
Naphthalene
Concen: 97.739 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128	Resp: 237651
Ion Ratio	Lower Upper
128 100	
127 13.2	10.6 15.8
129 10.6	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 100.615 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075128.D
Acq: 18 Jan 2023 12:42

Tgt Ion:180	Resp: 106776
Ion Ratio	Lower Upper
180 100	
182 94.1	47.0 141.0
145 32.7	16.1 48.3

