

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075027.D
 Acq On : 15 Dec 2022 14:36
 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: Dec 16 05:03:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:00:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	290661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	264184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	125041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	149800	102.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 204.680%#	
35) Dibromofluoromethane	7.810	113	209307	106.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 213.520%#	
50) Toluene-d8	10.269	98	723170	103.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 206.520%#	
62) 4-Bromofluorobenzene	12.575	95	215564	104.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 209.920%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	98439	86.176	ug/l	98
3) Chloromethane	2.146	50	156544	83.573	ug/l	96
4) Vinyl Chloride	2.281	62	207958	90.433	ug/l	98
5) Bromomethane	2.675	94	160785	84.786	ug/l	97
6) Chloroethane	2.834	64	159208	93.217	ug/l	100
7) Trichlorofluoromethane	3.175	101	263745	92.962	ug/l	96
8) Diethyl Ether	3.593	74	86291	102.755	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	178755	95.862	ug/l	99
10) Methyl Iodide	4.169	142	223237	110.547	ug/l	99
11) Tert butyl alcohol	5.058	59	47702	511.417	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	170472	97.414	ug/l	98
13) Acrolein	3.799	56	94264	515.947	ug/l	99
14) Allyl chloride	4.564	41	203225	101.262	ug/l	98
15) Acrylonitrile	5.258	53	187140	530.748	ug/l	99
16) Acetone	4.022	43	200591	566.878	ug/l	97
17) Carbon Disulfide	4.275	76	369881	91.700	ug/l	99
18) Methyl Acetate	4.564	43	85855	87.344	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	397011	106.164	ug/l	97
20) Methylene Chloride	4.805	84	214347	55.415	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	187575	96.491	ug/l	96
22) Diisopropyl ether	6.216	45	478818	105.883	ug/l	99
23) Vinyl Acetate	6.158	43	844493	533.319	ug/l	100
24) 1,1-Dichloroethane	6.116	63	318816	96.692	ug/l	99
25) 2-Butanone	7.087	43	237740	544.407	ug/l	96
26) 2,2-Dichloropropane	7.081	77	296245	98.559	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	231860	100.726	ug/l	98
28) Bromochloromethane	7.428	49	105150	102.856	ug/l	99
29) Tetrahydrofuran	7.440	42	125439	555.407	ug/l	99
30) Chloroform	7.599	83	354707	103.577	ug/l	99
31) Cyclohexane	7.881	56	205730	91.417	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	304273	104.818	ug/l	99
36) 1,1-Dichloropropene	8.010	75	207623	94.056	ug/l	99
37) Ethyl Acetate	7.175	43	90402	103.210	ug/l	98
38) Carbon Tetrachloride	7.993	117	197970	99.153	ug/l	97
39) Methylcyclohexane	9.275	83	241527	100.382	ug/l	97
40) Benzene	8.252	78	631331	96.709	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	49478	102.271	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	154642	96.078	ug/l	100
43) Isopropyl Acetate	8.363	43	153961	104.741	ug/l	99
44) Trichloroethene	9.028	130	177027	96.858	ug/l	98
45) 1,2-Dichloropropane	9.304	63	159791	98.037	ug/l	96
46) Dibromomethane	9.393	93	86934	97.203	ug/l	97
47) Bromodichloromethane	9.587	83	223104	97.878	ug/l	99
48) Methyl methacrylate	9.381	41	71204	103.973	ug/l	95
49) 1,4-Dioxane	9.387	88	19066	2167.839	ug/l	97
51) 4-Methyl-2-Pentanone	10.163	43	409282	534.576	ug/l	98
52) Toluene	10.334	92	422148	98.434	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	207106	104.300	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	250246	101.532	ug/l	97
55) 1,1,2-Trichloroethane	10.740	97	126800	98.408	ug/l	97
56) Ethyl methacrylate	10.599	69	155293	109.241	ug/l	99
57) 1,3-Dichloropropane	10.881	76	209283	99.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	284168	610.309	ug/l	99
59) 2-Hexanone	10.922	43	307791	558.269	ug/l	97
60) Dibromochloromethane	11.075	129	152424	101.075	ug/l	99
61) 1,2-Dibromoethane	11.181	107	117305	100.146	ug/l	97
64) Tetrachloroethene	10.810	164	143787	92.322	ug/l	99
65) Chlorobenzene	11.610	112	459365	96.495	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	168030	98.461	ug/l	98
67) Ethyl Benzene	11.687	91	847314	102.211	ug/l	99
68) m/p-Xylenes	11.793	106	656503	202.522	ug/l	100
69) o-Xylene	12.122	106	309788	101.605	ug/l	98
70) Styrene	12.140	104	539796	102.379	ug/l	99
71) Bromoform	12.298	173	86532	99.438	ug/l #	100
73) Isopropylbenzene	12.422	105	827841	101.168	ug/l	99
74) N-amyl acetate	12.234	43	147988	106.086	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	145216	97.248	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	172123	108.996	ug/l #	100
77) Bromobenzene	12.704	156	184792	99.158	ug/l	98
78) n-propylbenzene	12.763	91	998807	99.852	ug/l	100
79) 2-Chlorotoluene	12.851	91	540956	98.178	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	679501	100.031	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	39954	102.713	ug/l	98
82) 4-Chlorotoluene	12.951	91	553664	97.073	ug/l	99
83) tert-Butylbenzene	13.169	119	596055	101.663	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	678283	100.747	ug/l	100
85) sec-Butylbenzene	13.345	105	922184	100.856	ug/l	100
86) p-Isopropyltoluene	13.463	119	771829	102.205	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	384284	97.184	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	369706	95.105	ug/l	100
89) n-Butylbenzene	13.787	91	716618	101.178	ug/l	99
90) Hexachloroethane	14.057	117	135100	99.516	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	327596	96.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20114	101.110	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	206199	100.740	ug/l	98
94) Hexachlorobutadiene	15.210	225	107519	98.978	ug/l	99
95) Naphthalene	15.334	128	407327	106.788	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	180184	100.595	ug/l	98

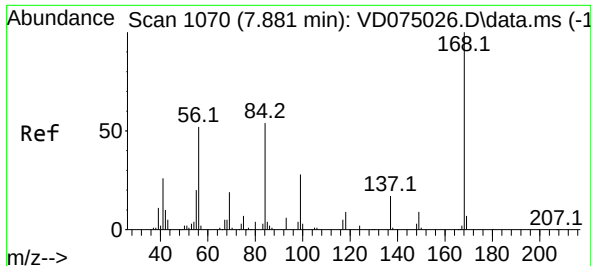
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Response via : Initial Calibration

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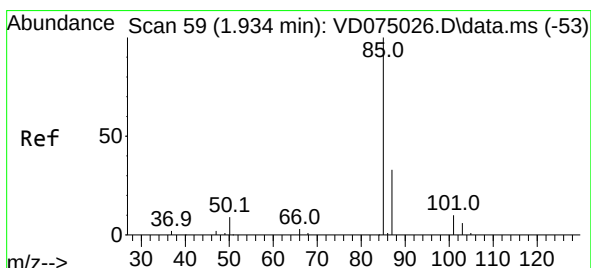
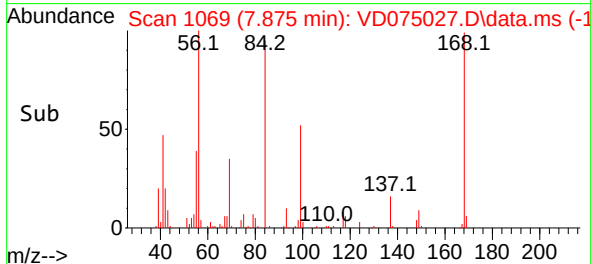
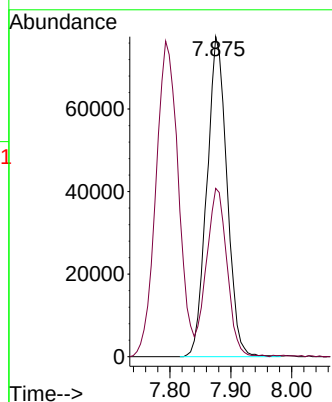
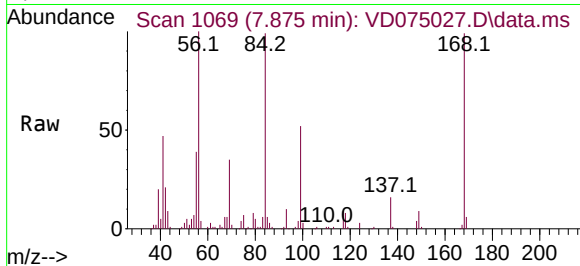
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

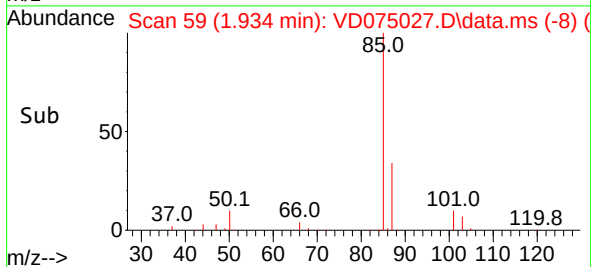
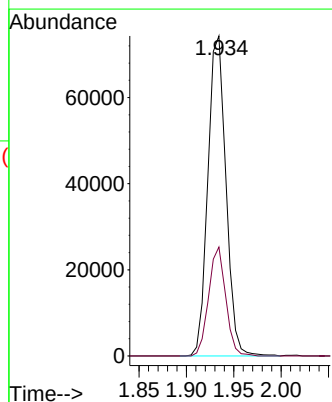
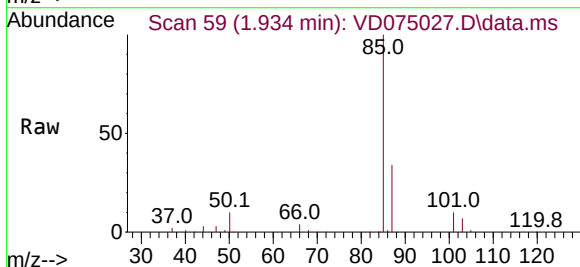
Instrument :
MSVOA_D
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VSTDIC100

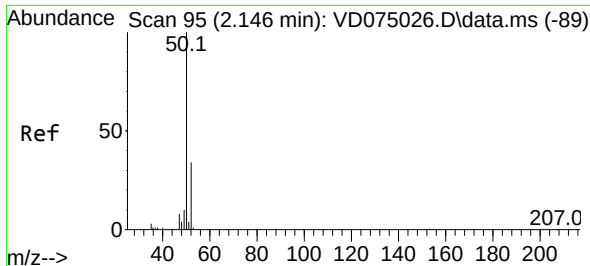
Tgt Ion:168 Resp: 177664
Ion Ratio Lower Upper
168 100
99 52.2 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 86.176 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 85 Resp: 98439
Ion Ratio Lower Upper
85 100
87 34.0 16.5 49.5

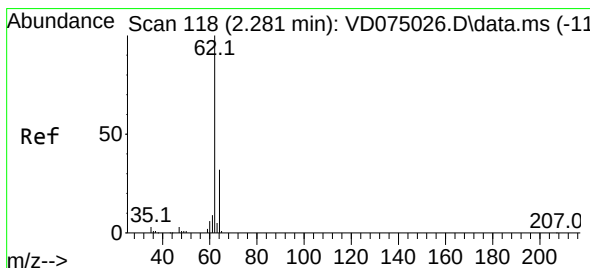
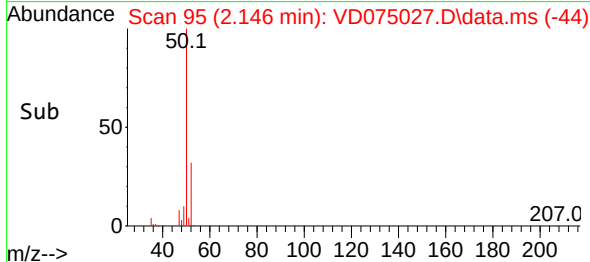
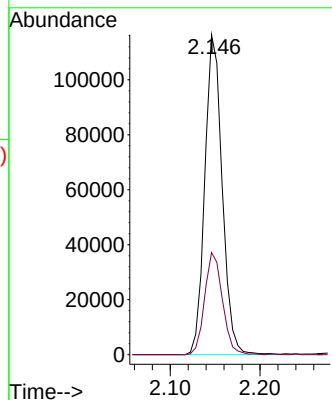
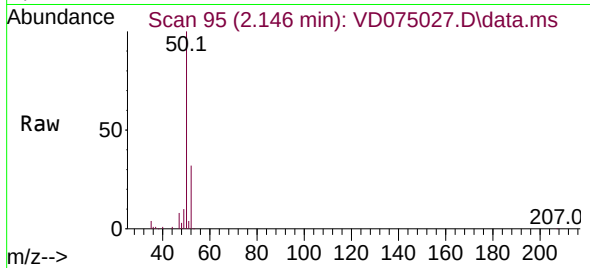




#3
Chloromethane
Concen: 83.573 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

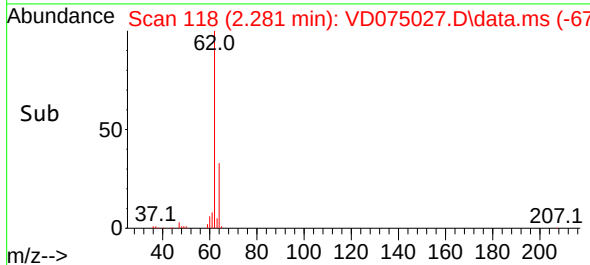
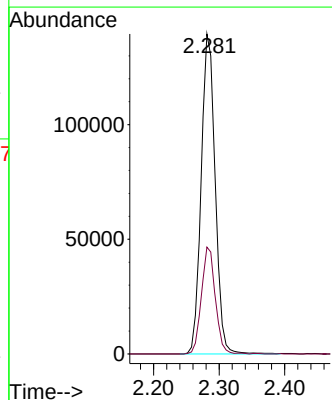
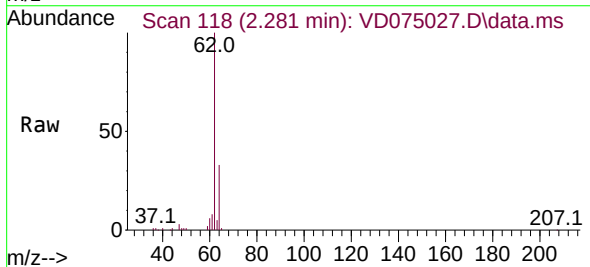
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

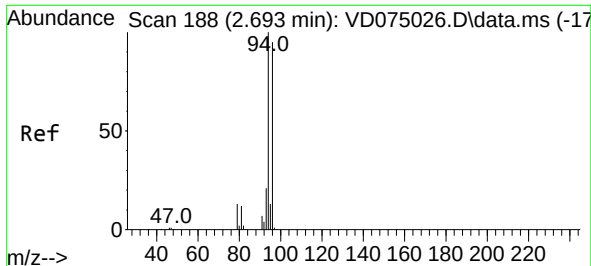
Tgt Ion: 50 Resp: 156544
Ion Ratio Lower Upper
50 100
52 31.9 27.2 40.8



#4
Vinyl Chloride
Concen: 90.433 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 62 Resp: 207958
Ion Ratio Lower Upper
62 100
64 33.4 25.8 38.6

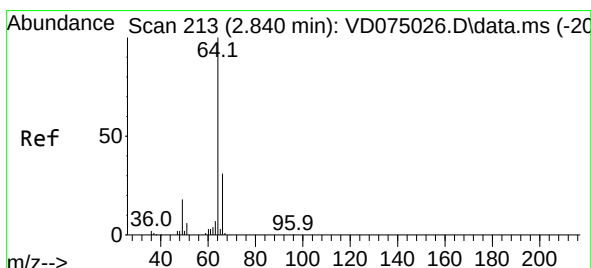
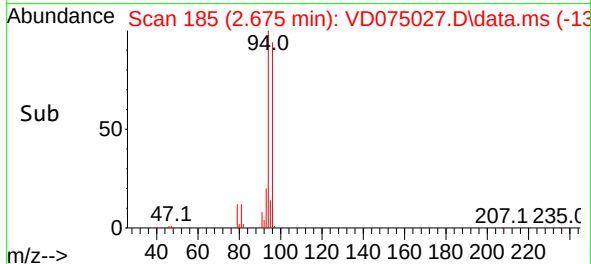
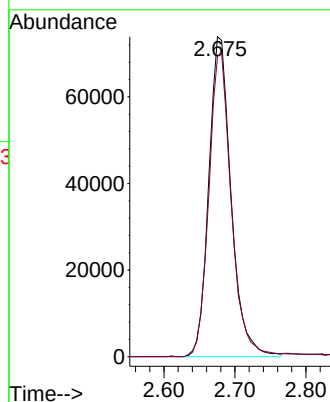
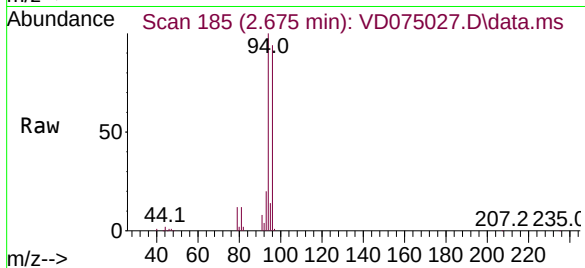




#5
Bromomethane
Concen: 84.786 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

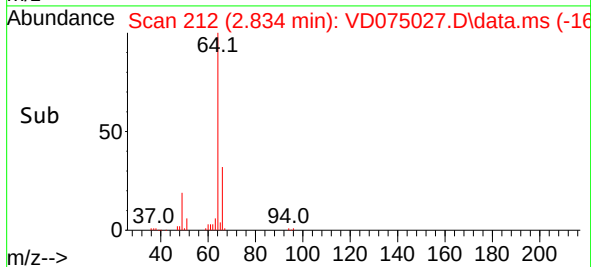
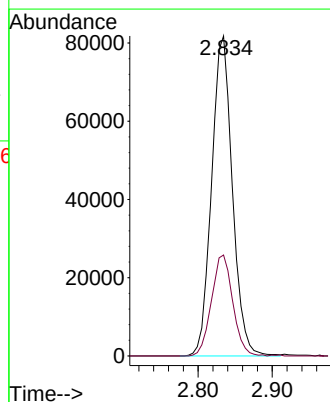
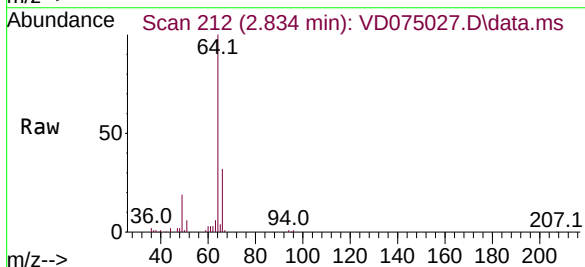
Instrument :
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ClientSampleId :
VSTDIC100

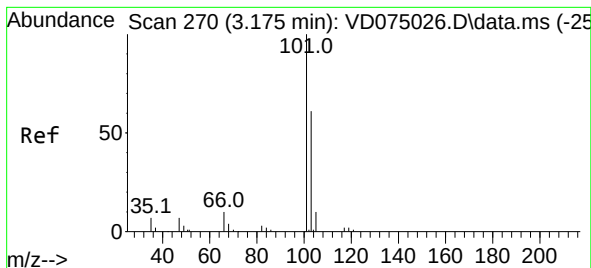
Tgt Ion: 94 Resp: 160785
Ion Ratio Lower Upper
94 100
96 97.2 75.2 112.8



#6
Chloroethane
Concen: 93.217 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 64 Resp: 159208
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7





#7

Trichlorofluoromethane

Concen: 92.962 ug/l

RT: 3.175 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

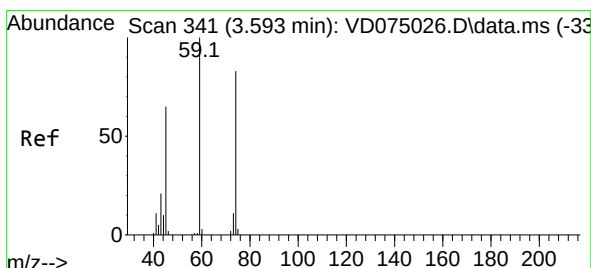
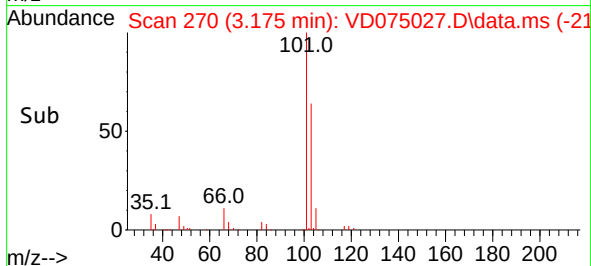
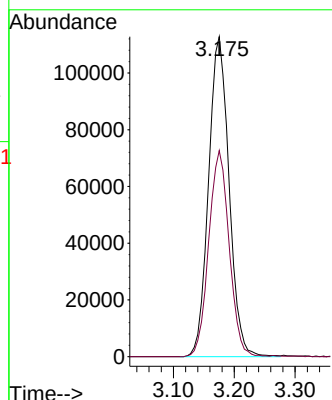
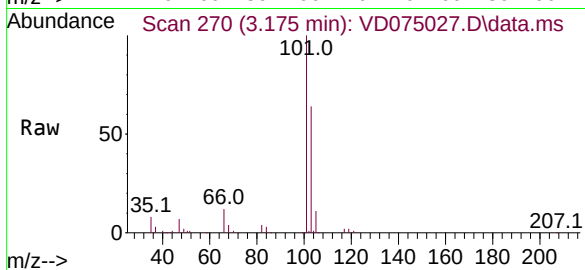
VSTDIC100

Tgt Ion:101 Resp: 263745

Ion Ratio Lower Upper

101 100

103 64.4 49.1 73.7



#8

Diethyl Ether

Concen: 102.755 ug/l

RT: 3.593 min Scan# 341

Delta R.T. 0.000 min

Lab File: VD075027.D

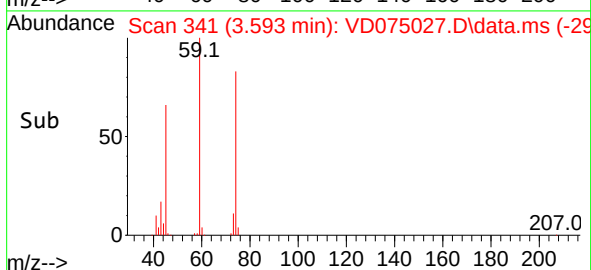
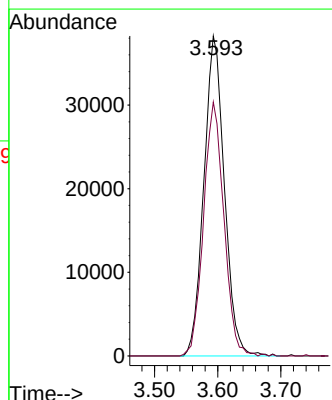
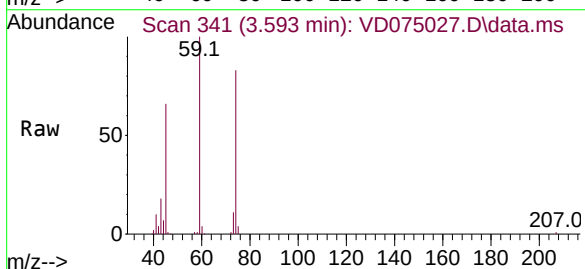
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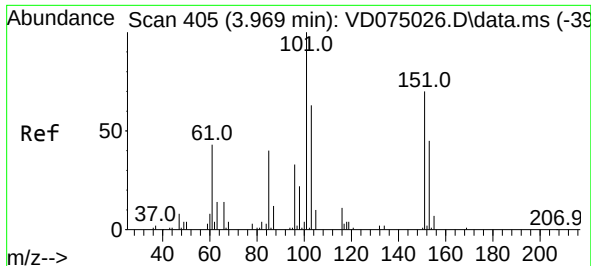
Tgt Ion: 74 Resp: 86291

Ion Ratio Lower Upper

74 100

45 78.6 40.2 120.5

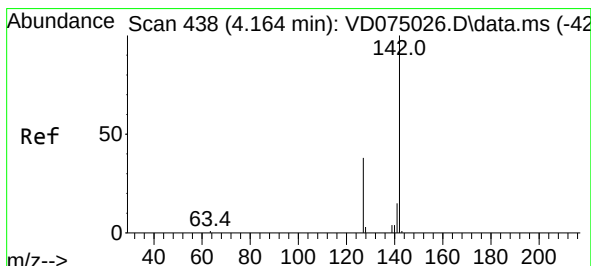
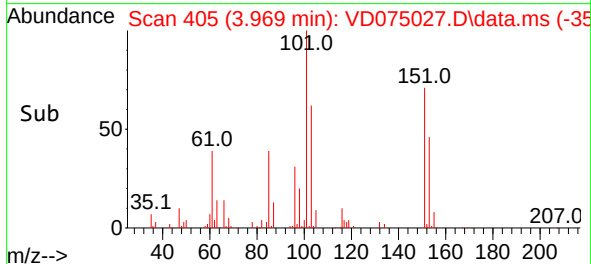
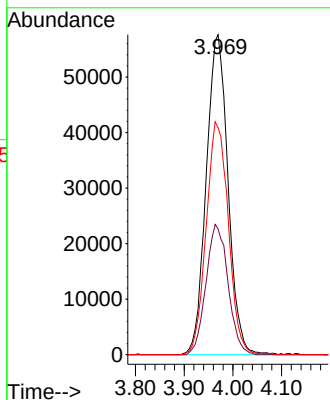
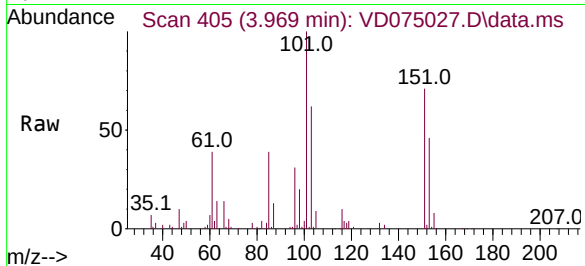




#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.862 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075027.D
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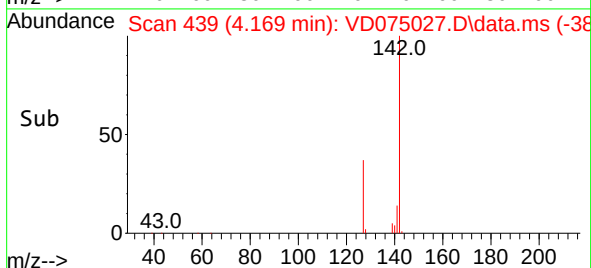
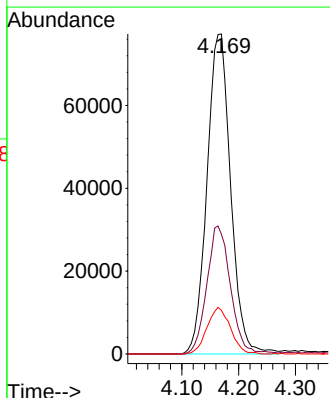
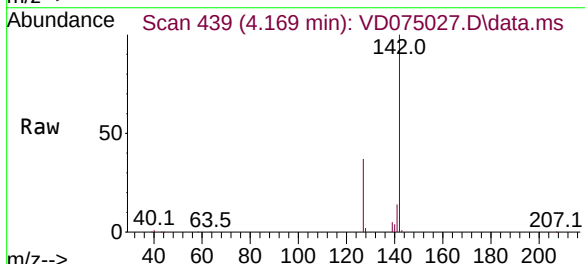
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

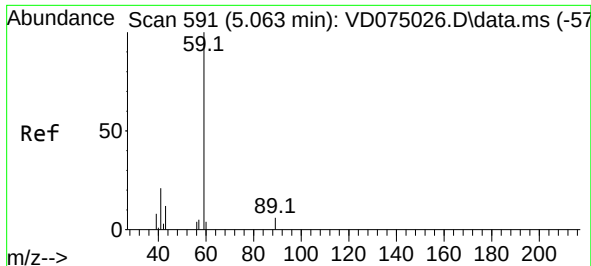
Tgt Ion:101 Resp: 178755
Ion Ratio Lower Upper
101 100
85 41.2 33.4 50.0
151 74.1 58.9 88.3



#10
Methyl Iodide
Concen: 110.547 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion:142 Resp: 223237
Ion Ratio Lower Upper
142 100
127 40.0 31.4 47.2
141 14.4 11.4 17.2

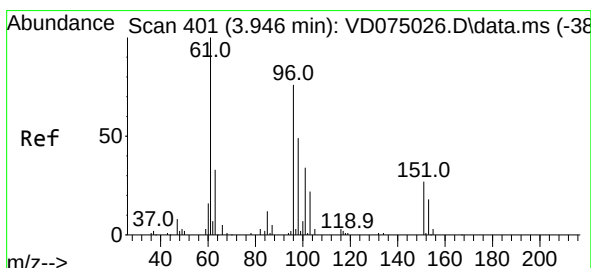
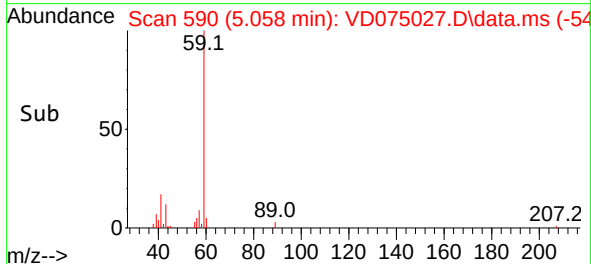
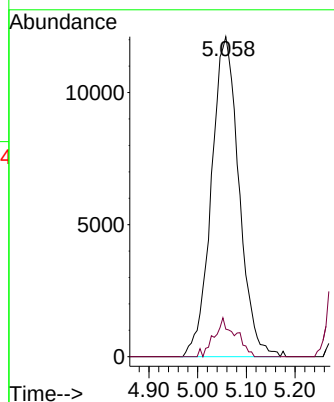
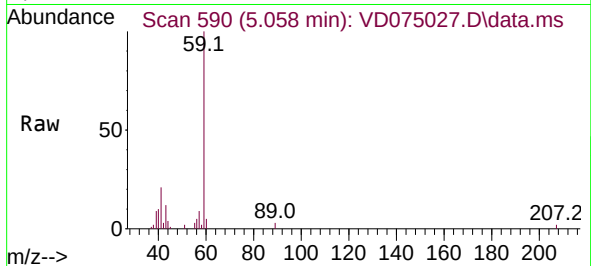




#11
Tert butyl alcohol
Concen: 511.417 ug/l
RT: 5.058 min Scan# 591
Delta R.T. -0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

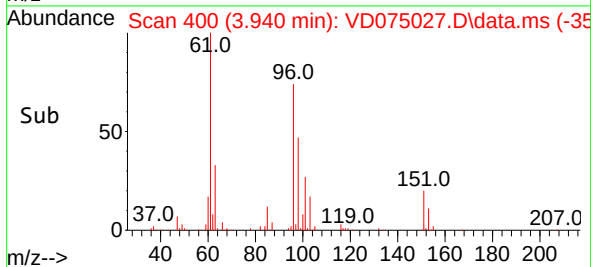
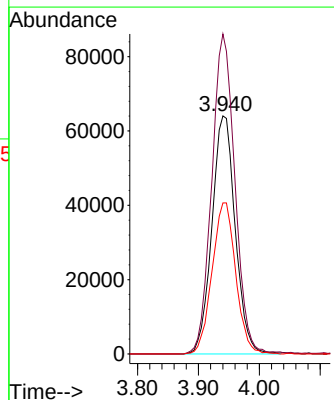
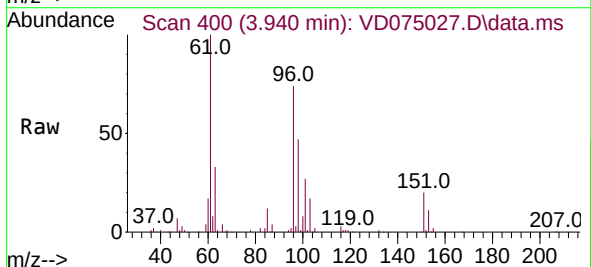
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

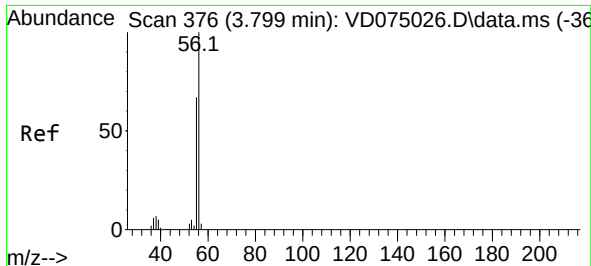
Tgt Ion: 59 Resp: 47702
Ion Ratio Lower Upper
59 100
57 9.4 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 97.414 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 96 Resp: 170472
Ion Ratio Lower Upper
96 100
61 134.4 104.9 157.3
98 63.4 51.8 77.8





#13

Acrolein

Concen: 515.947 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

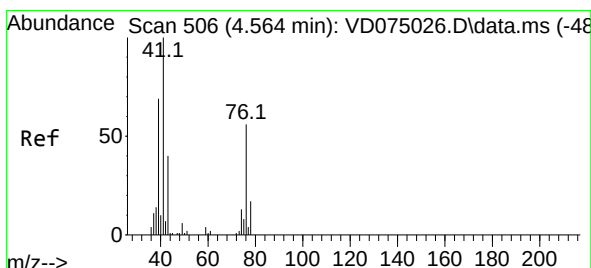
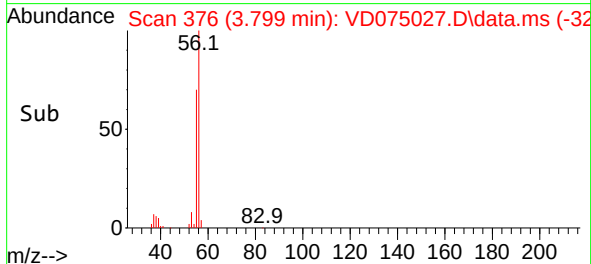
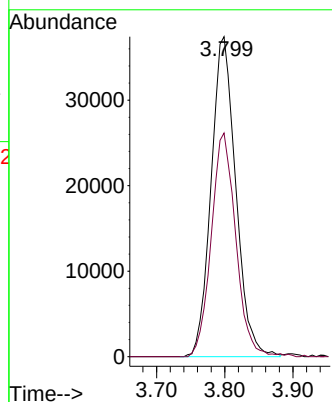
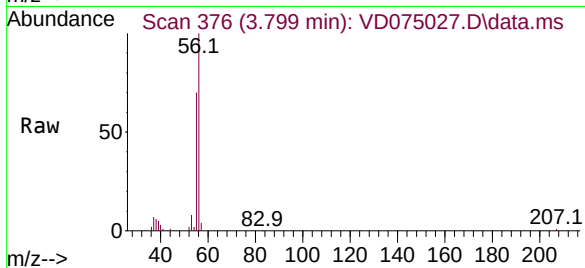
VSTDIC100

Tgt Ion: 56 Resp: 94264

Ion Ratio Lower Upper

56 100

55 69.5 56.6 84.8



#14

Allyl chloride

Concen: 101.262 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

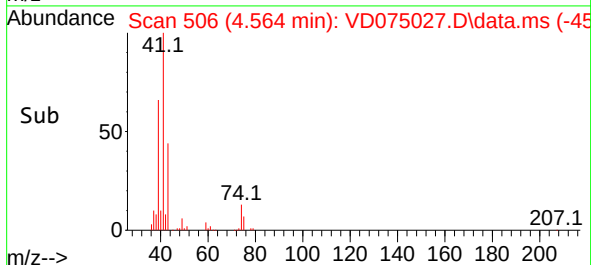
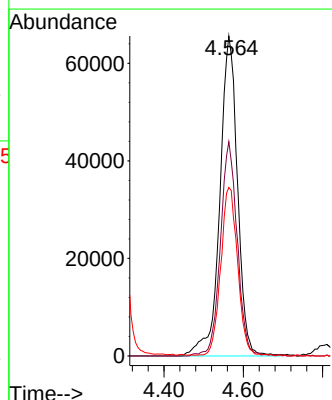
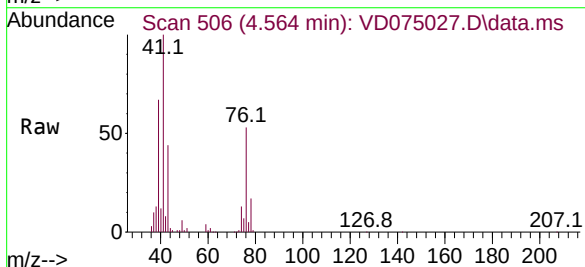
Tgt Ion: 41 Resp: 203225

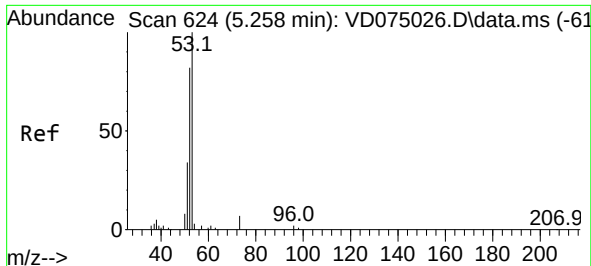
Ion Ratio Lower Upper

41 100

39 63.7 52.5 78.7

76 50.5 41.1 61.7

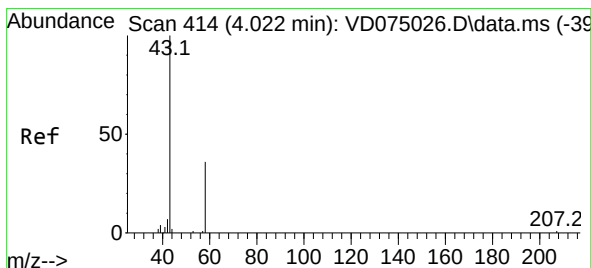
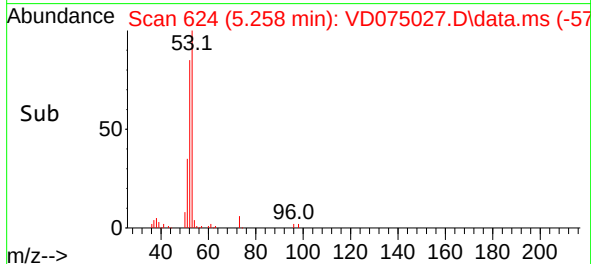
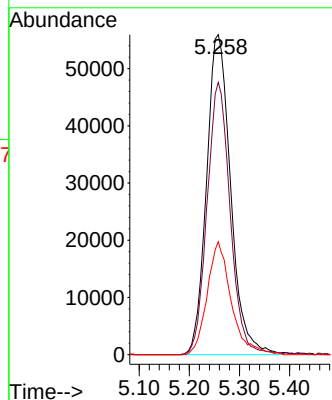
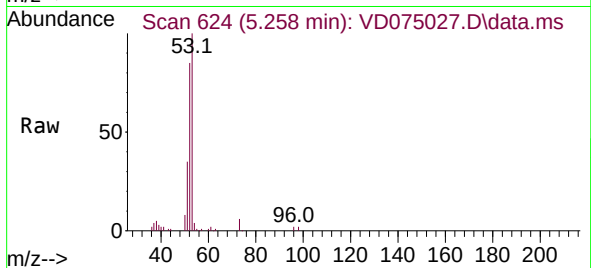




#15
Acrylonitrile
Concen: 530.748 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

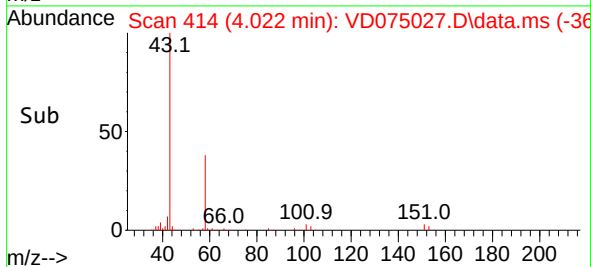
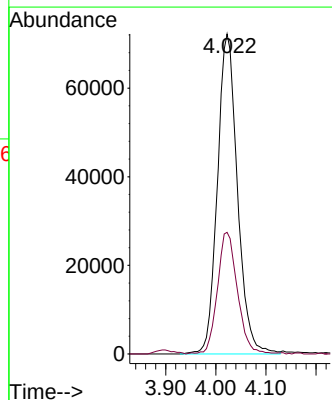
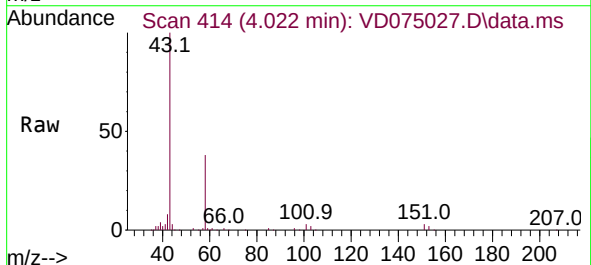
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

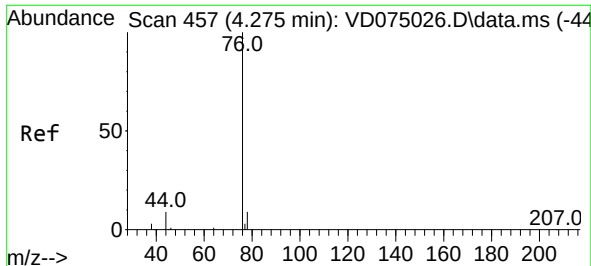
Tgt Ion: 53 Resp: 187140
Ion Ratio Lower Upper
53 100
52 81.4 64.0 96.0
51 35.2 27.8 41.8



#16
Acetone
Concen: 566.878 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 43 Resp: 200591
Ion Ratio Lower Upper
43 100
58 37.7 28.6 43.0

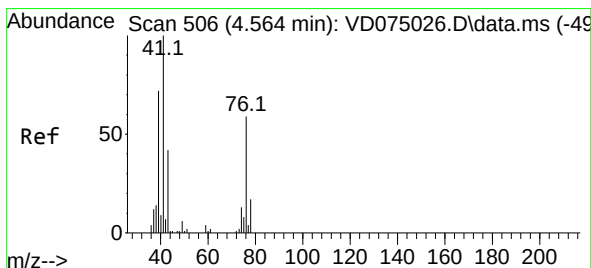
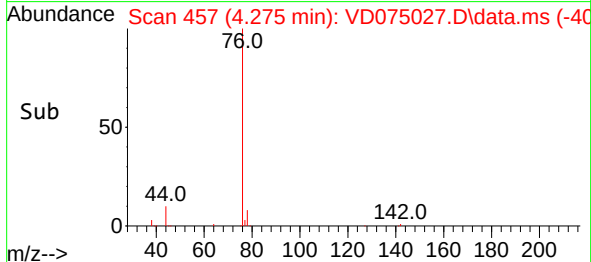
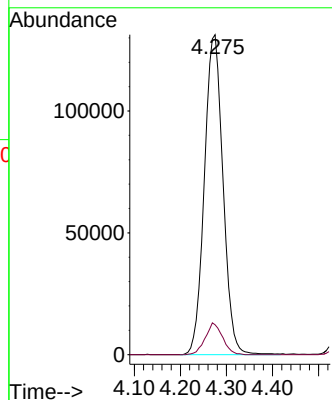
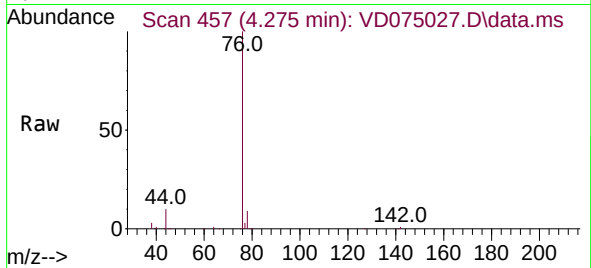




#17
Carbon Disulfide
Concen: 91.700 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

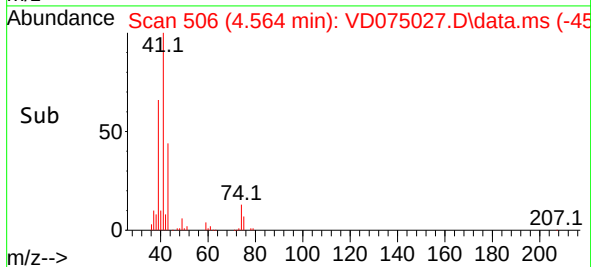
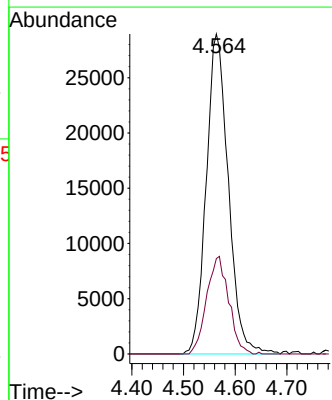
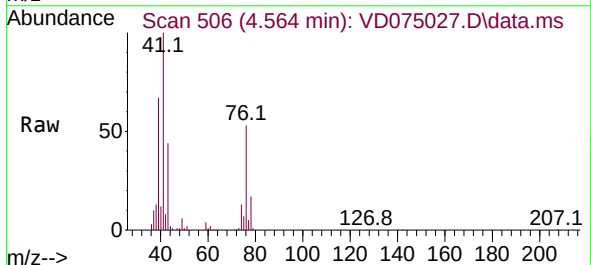
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

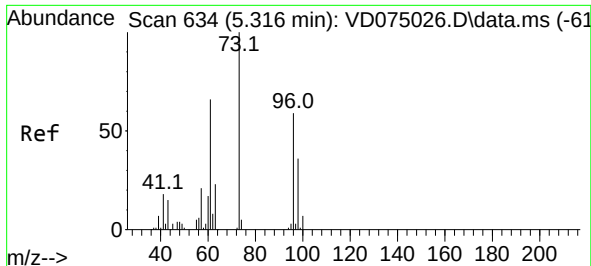
Tgt Ion: 76 Resp: 369881
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 87.344 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 43 Resp: 85855
Ion Ratio Lower Upper
43 100
74 30.4 24.5 36.7





#19

Methyl tert-butyl Ether

Concen: 106.164 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

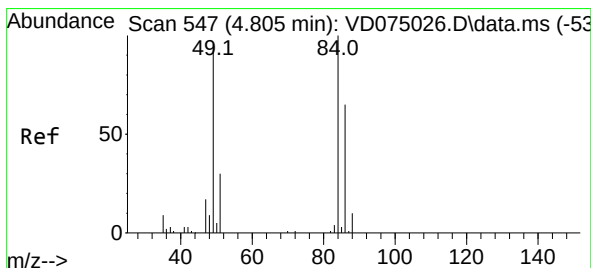
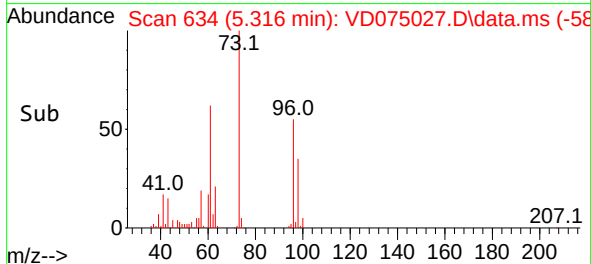
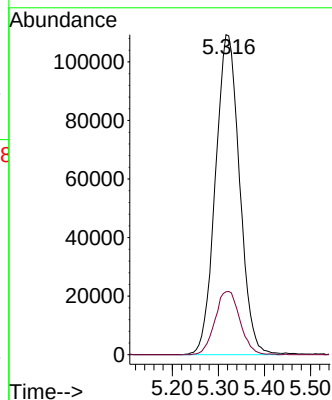
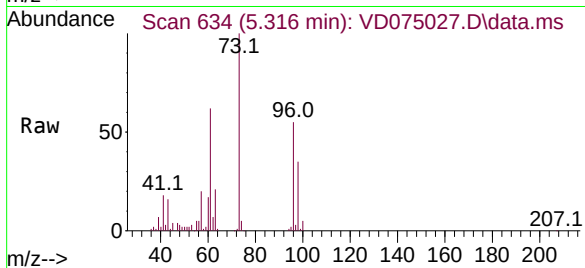
VSTDIC100

Tgt Ion: 73 Resp: 397011

Ion Ratio Lower Upper

73 100

57 19.6 16.9 25.3



#20

Methylene Chloride

Concen: 55.415 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Tgt Ion: 84 Resp: 214347

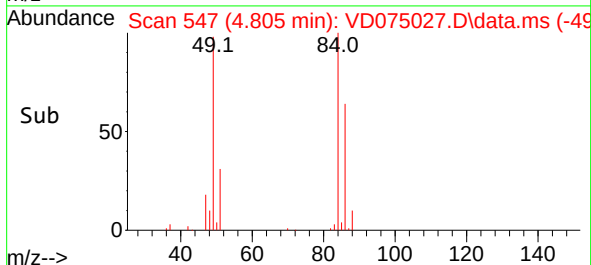
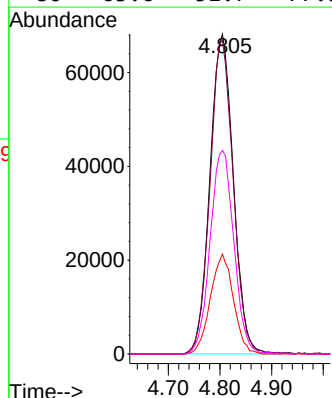
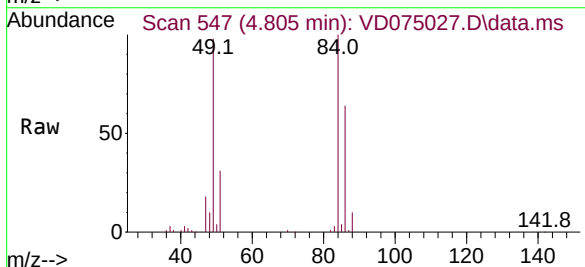
Ion Ratio Lower Upper

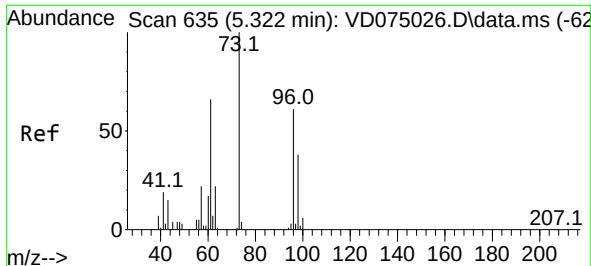
84 100

49 98.0 77.2 115.8

51 31.2 24.1 36.1

86 63.6 51.7 77.5

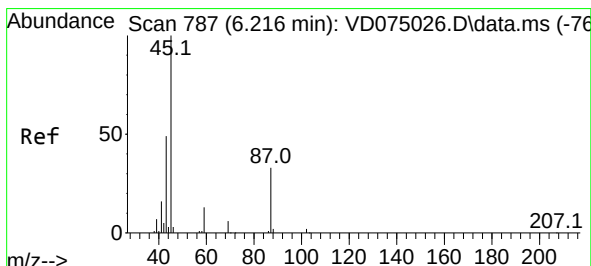
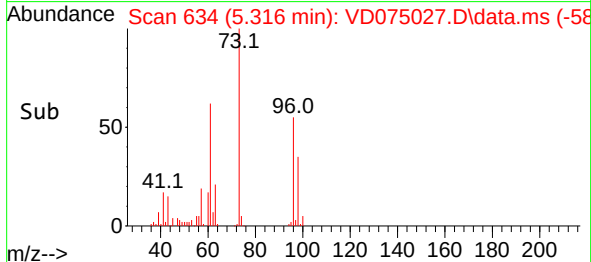
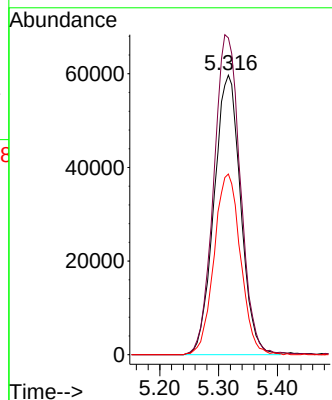
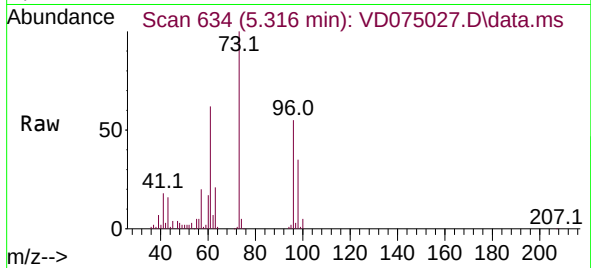




#21
trans-1,2-Dichloroethene
Concen: 96.491 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

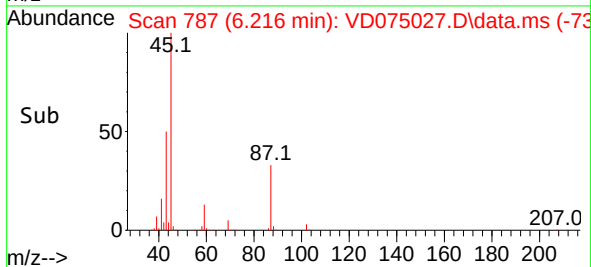
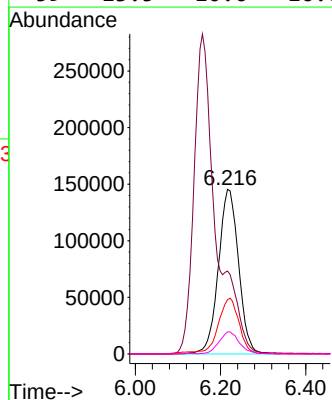
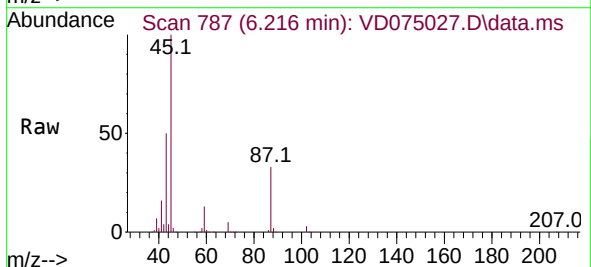
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

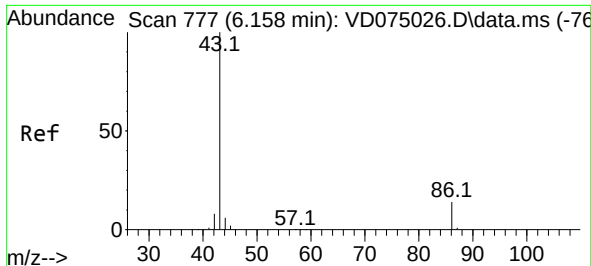
Tgt Ion: 96 Resp: 187575
Ion Ratio Lower Upper
96 100
61 113.4 86.7 130.1
98 64.6 49.8 74.8



#22
Diisopropyl ether
Concen: 105.883 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 45 Resp: 478818
Ion Ratio Lower Upper
45 100
43 49.8 39.8 59.8
87 32.9 27.5 41.3
59 13.5 10.6 16.0

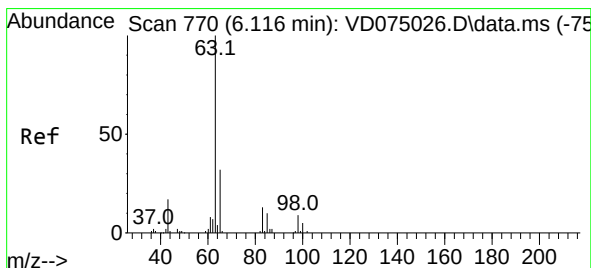
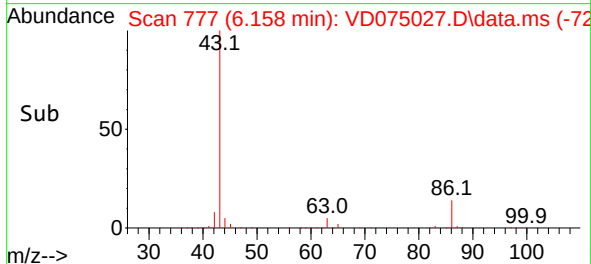
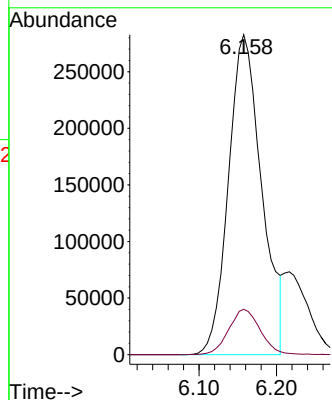
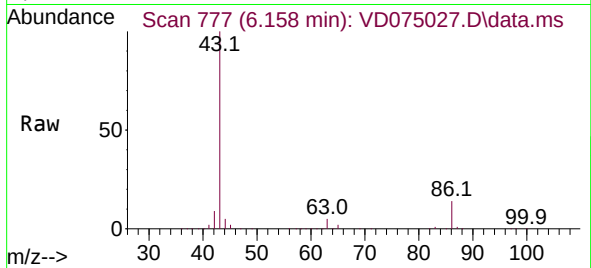




#23
 Vinyl Acetate
 Concen: 533.319 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075027.D
 Acq: 15 Dec 2022 14:36

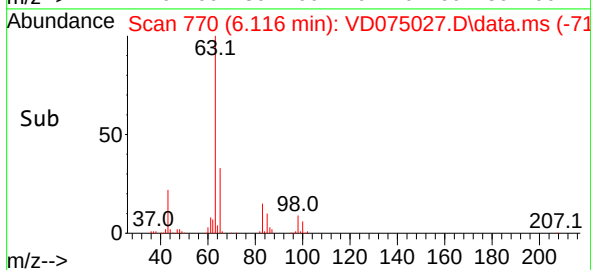
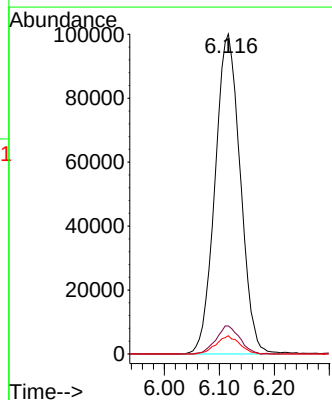
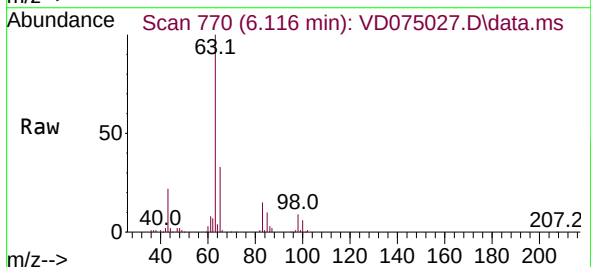
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

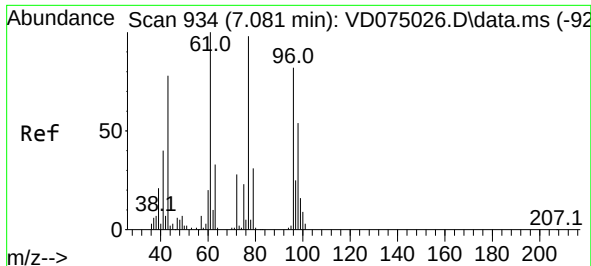
Tgt Ion: 43 Resp: 844493
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.4 17.0



#24
 1,1-Dichloroethane
 Concen: 96.692 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075027.D
 Acq: 15 Dec 2022 14:36

Tgt Ion: 63 Resp: 318816
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.3 13.1
 100 5.7 2.5 7.4

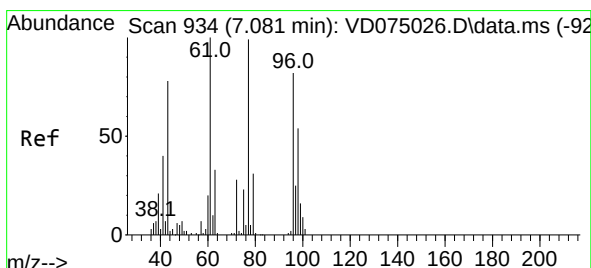
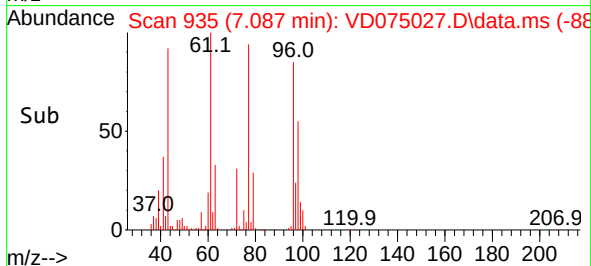
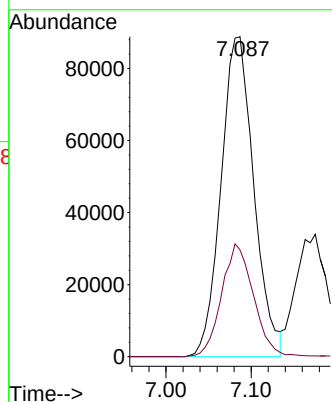
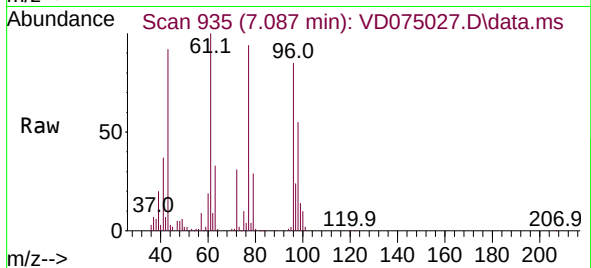




#25
2-Butanone
Concen: 544.407 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

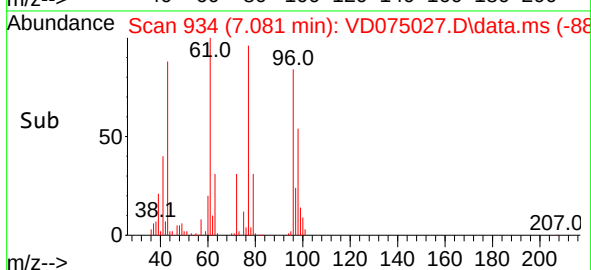
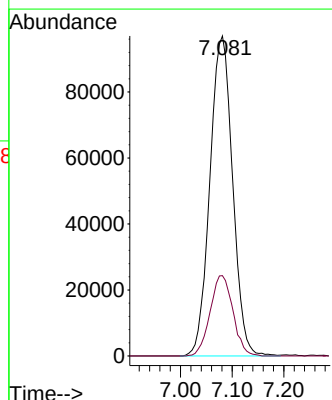
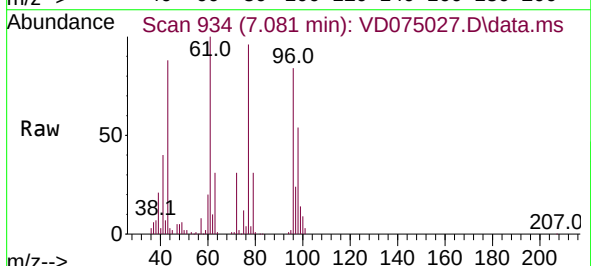
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

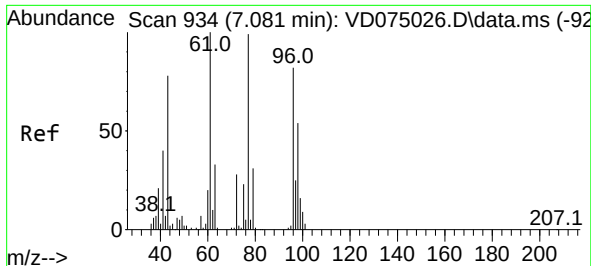
Tgt Ion: 43 Resp: 237740
Ion Ratio Lower Upper
43 100
72 33.4 28.4 42.6



#26
2,2-Dichloropropane
Concen: 98.559 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 77 Resp: 296245
Ion Ratio Lower Upper
77 100
97 25.2 12.6 37.6

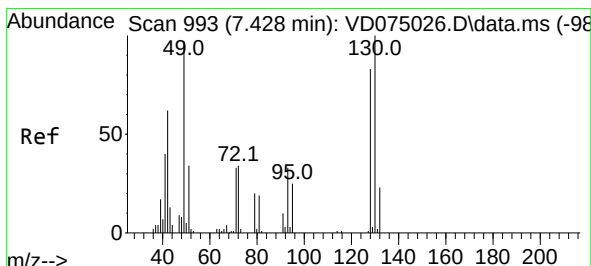
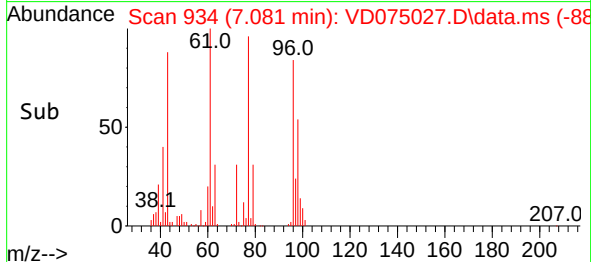
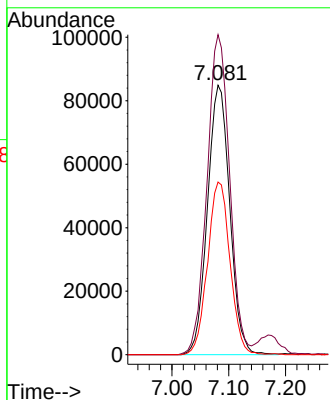
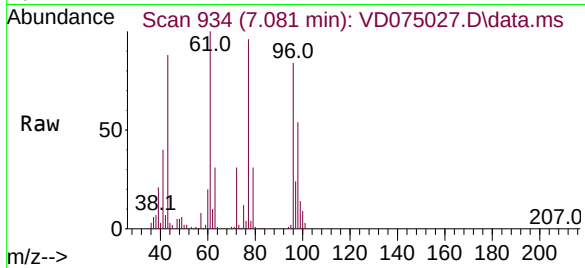




#27
 cis-1,2-Dichloroethene
 Concen: 100.726 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075027.D
 Acq: 15 Dec 2022 14:36

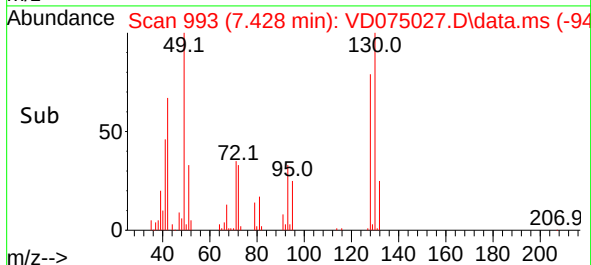
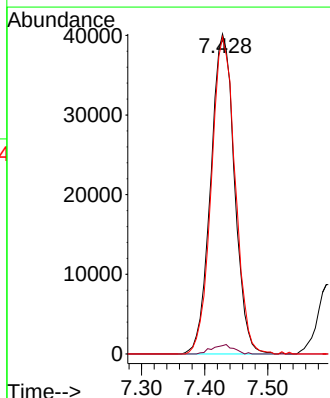
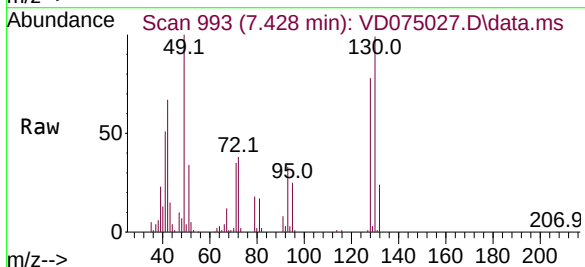
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

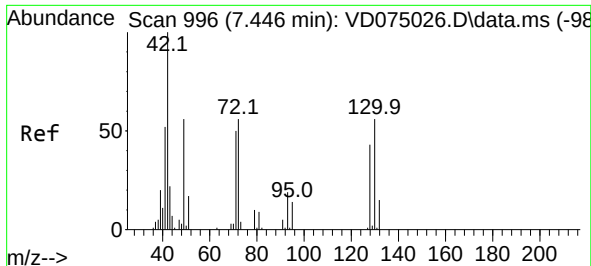
Tgt Ion: 96 Resp: 231860
 Ion Ratio Lower Upper
 96 100
 61 120.6 0.0 244.6
 98 64.2 0.0 131.0



#28
 Bromochloromethane
 Concen: 102.856 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD075027.D
 Acq: 15 Dec 2022 14:36

Tgt Ion: 49 Resp: 105150
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 98.9 78.2 117.4

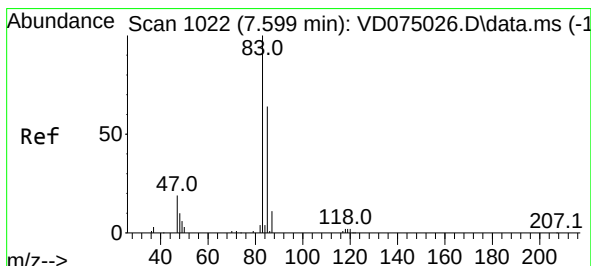
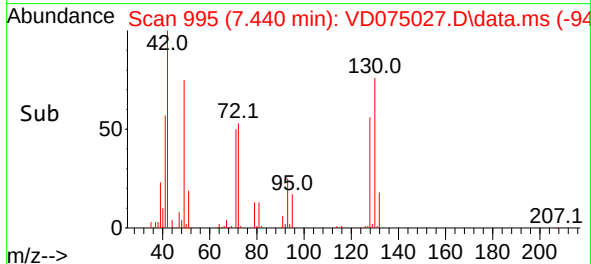
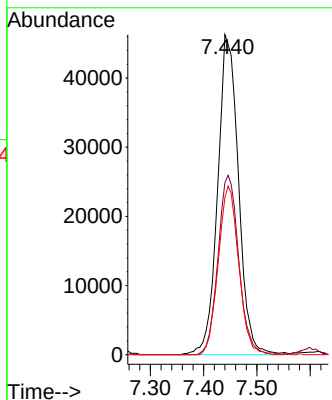
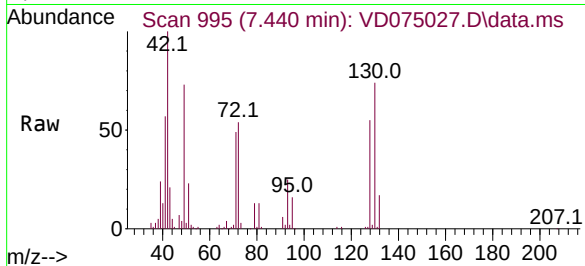




#29
Tetrahydrofuran
Concen: 555.407 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

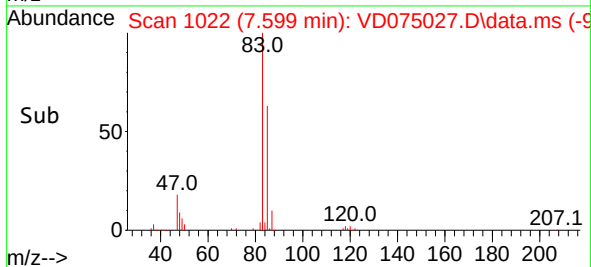
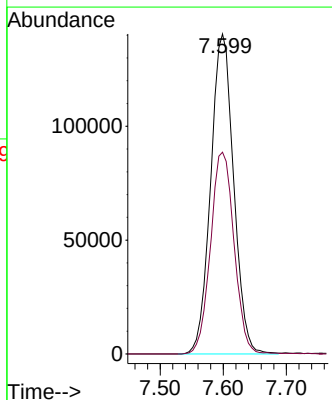
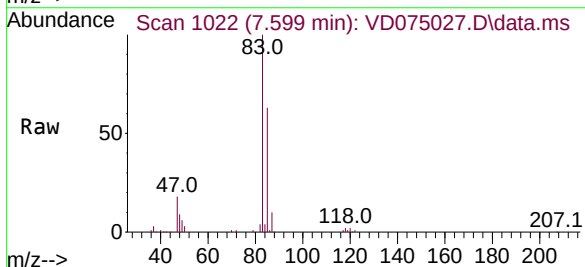
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

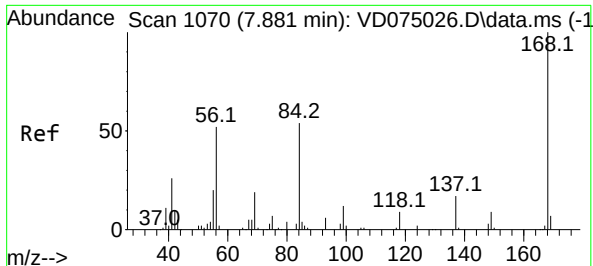
Tgt Ion: 42 Resp: 125439
Ion Ratio Lower Upper
42 100
72 56.0 43.8 65.8
71 51.7 41.1 61.7



#30
Chloroform
Concen: 103.577 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 83 Resp: 354707
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.0

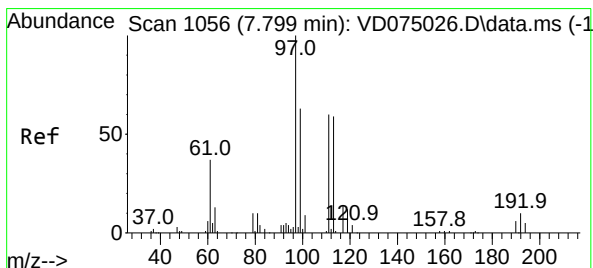
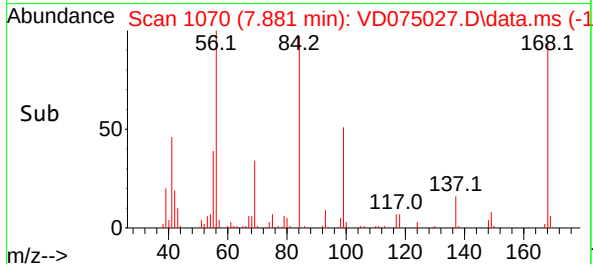
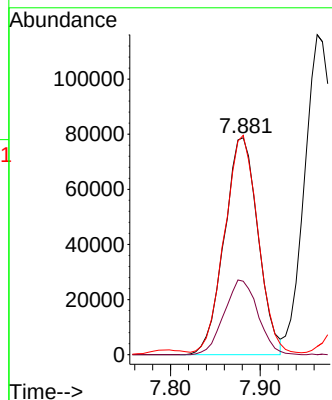
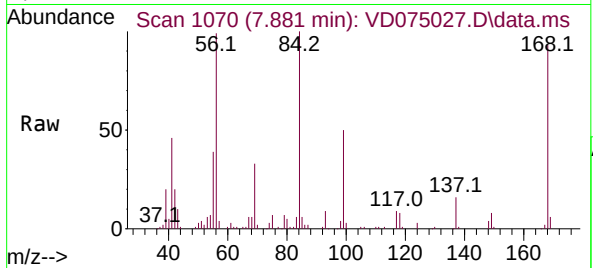




#31
Cyclohexane
Concen: 91.417 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

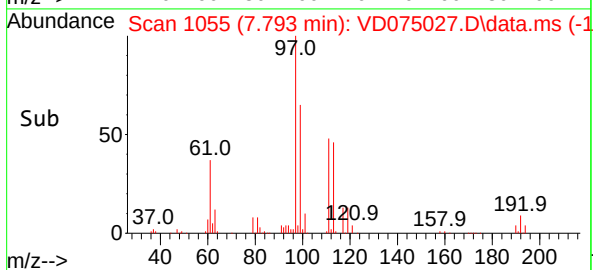
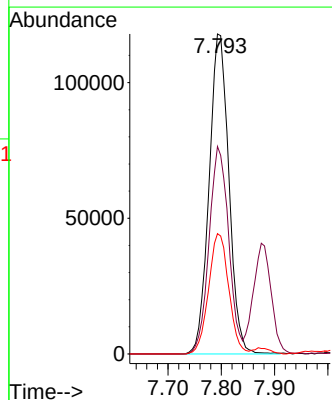
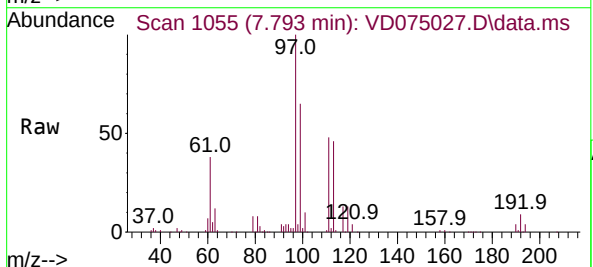
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

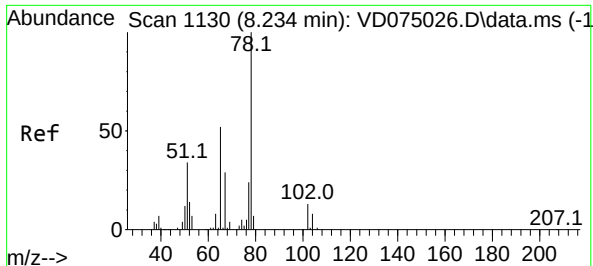
Tgt Ion: 56 Resp: 205730
Ion Ratio Lower Upper
56 100
69 33.8 29.4 44.2
84 99.3 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 104.818 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 97 Resp: 304273
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 38.4 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 102.345 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

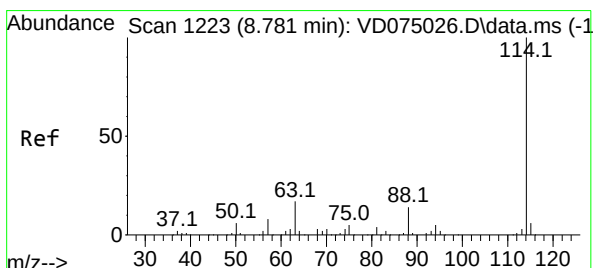
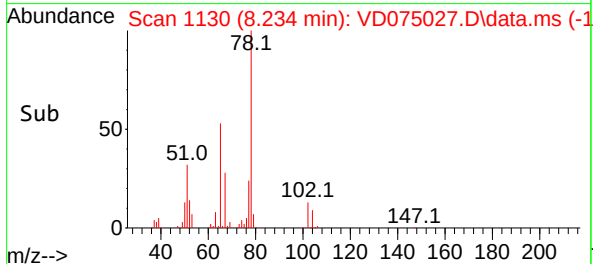
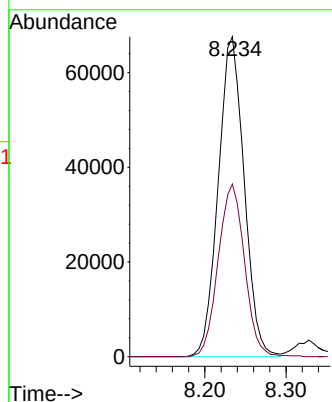
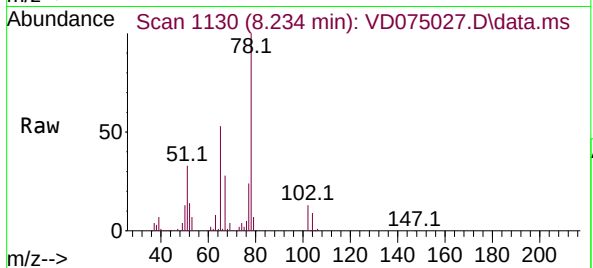
VSTDIC100

Tgt Ion: 65 Resp: 149800

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

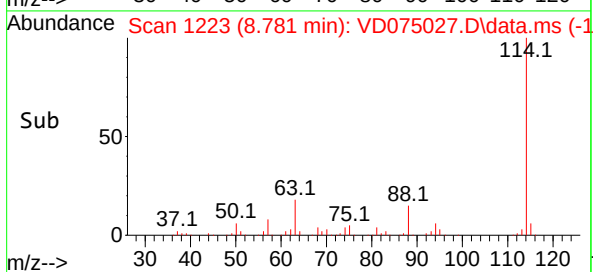
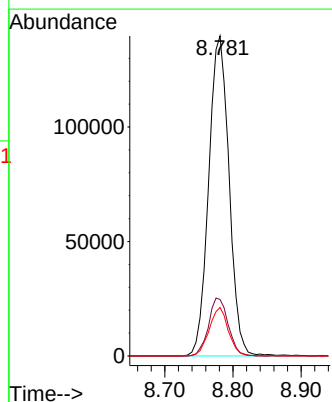
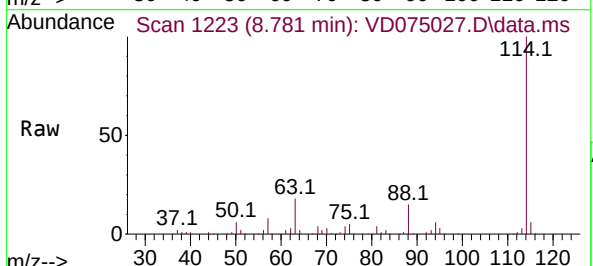
Tgt Ion: 114 Resp: 290661

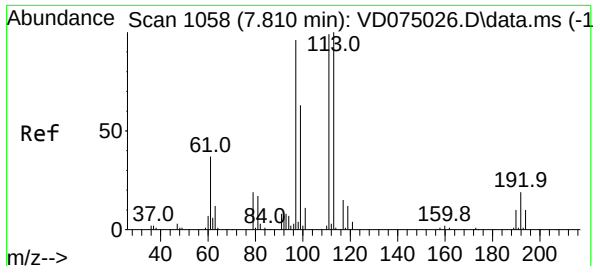
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

88 15.2 0.0 27.8





#35

Dibromofluoromethane

Concen: 106.757 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

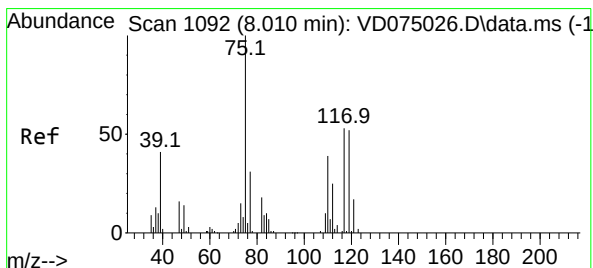
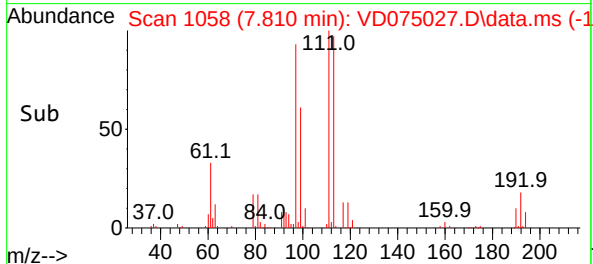
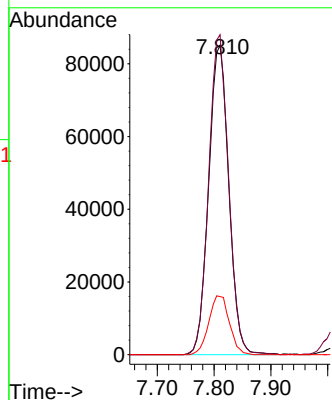
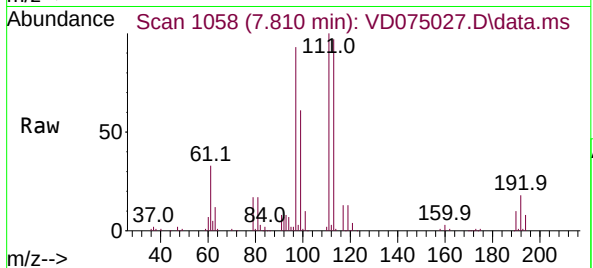
Tgt Ion:113 Resp: 209307

Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

192 19.4 15.1 22.7



#36

1,1-Dichloropropene

Concen: 94.056 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

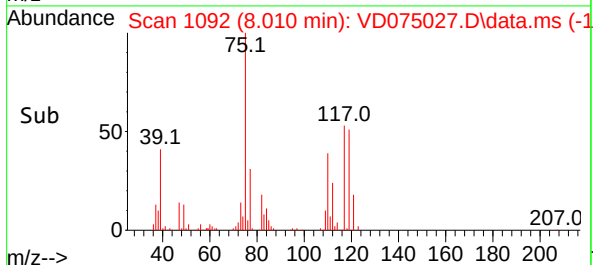
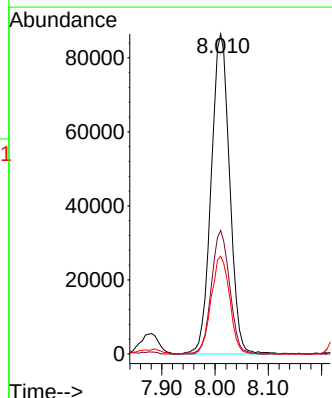
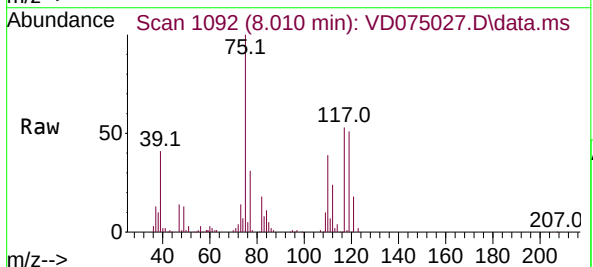
Tgt Ion: 75 Resp: 207623

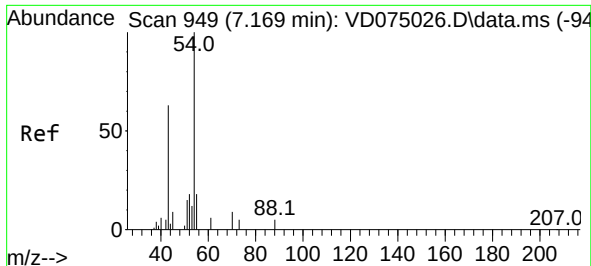
Ion Ratio Lower Upper

75 100

110 38.0 19.0 57.0

77 30.8 25.2 37.8

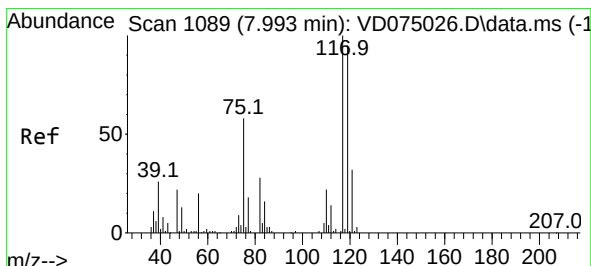
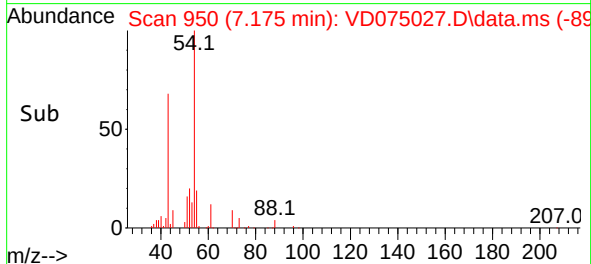
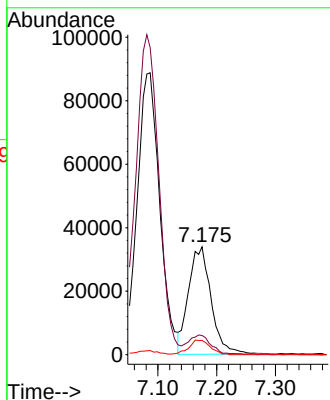
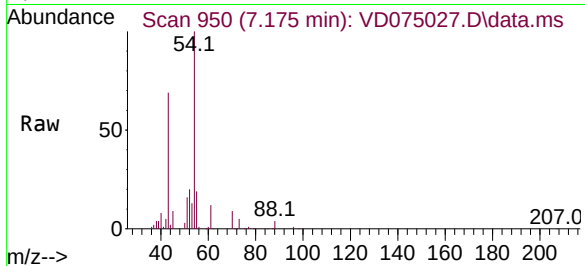




#37
Ethyl Acetate
Concen: 103.210 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

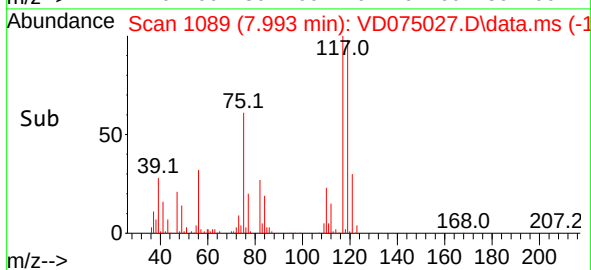
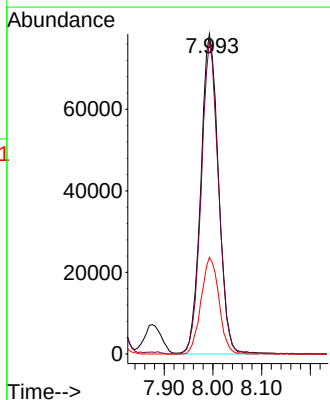
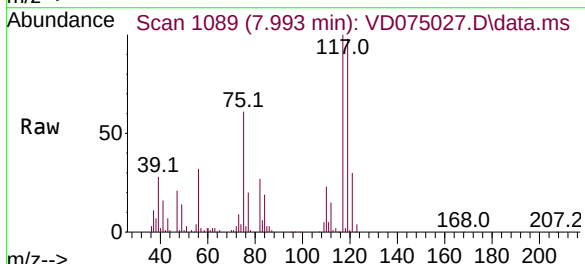
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

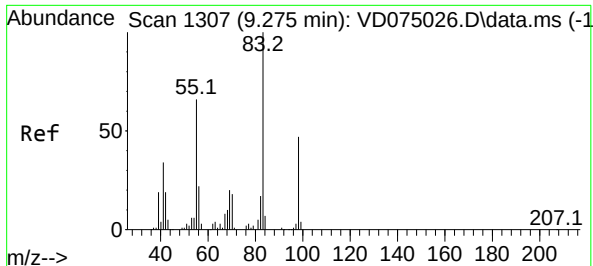
Tgt Ion: 43 Resp: 90402
Ion Ratio Lower Upper
43 100
61 17.8 12.8 19.2
70 12.8 10.2 15.4



#38
Carbon Tetrachloride
Concen: 99.153 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 117 Resp: 197970
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.6
121 30.2 25.4 38.0





#39

Methylcyclohexane

Concen: 100.382 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

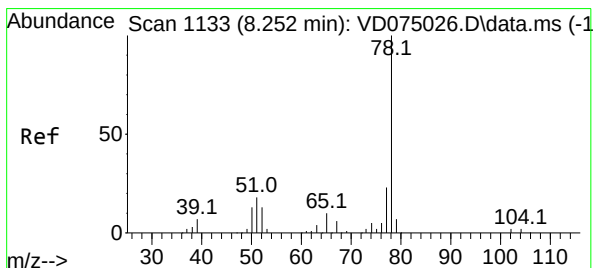
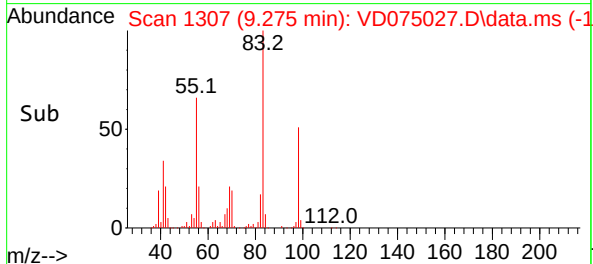
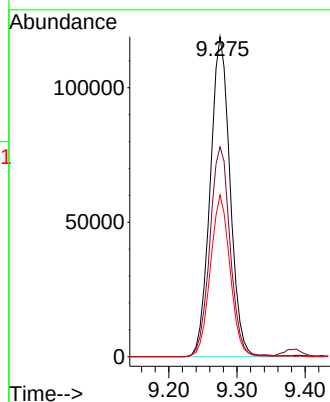
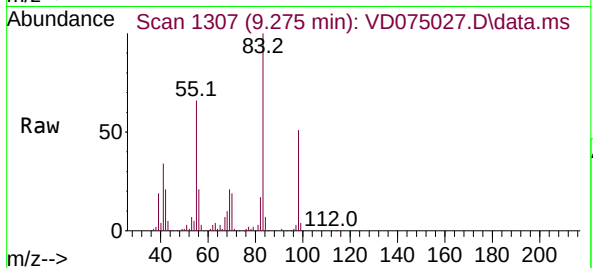
Tgt Ion: 83 Resp: 241527

Ion Ratio Lower Upper

83 100

55 65.5 53.1 79.7

98 50.5 37.5 56.3



#40

Benzene

Concen: 96.709 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075027.D

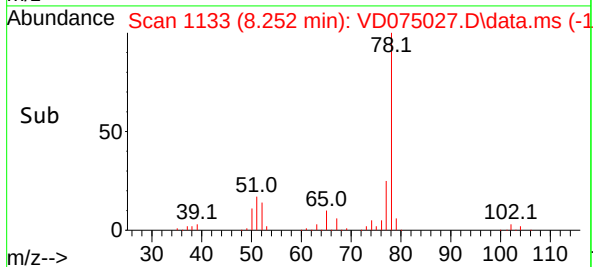
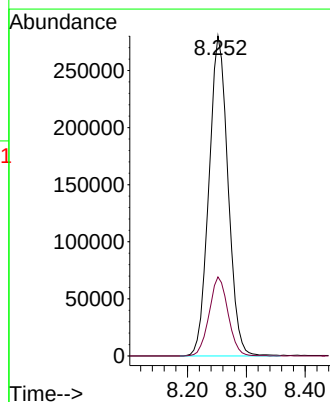
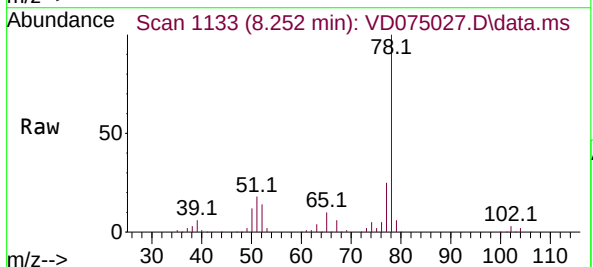
Acq: 15 Dec 2022 14:36

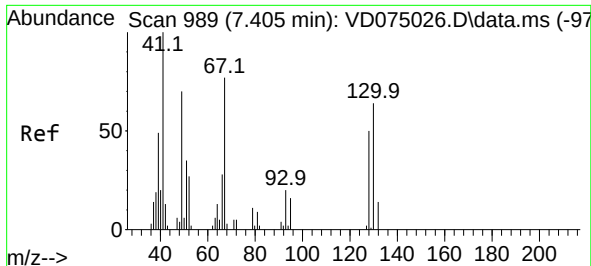
Tgt Ion: 78 Resp: 631331

Ion Ratio Lower Upper

78 100

77 24.7 18.6 27.8

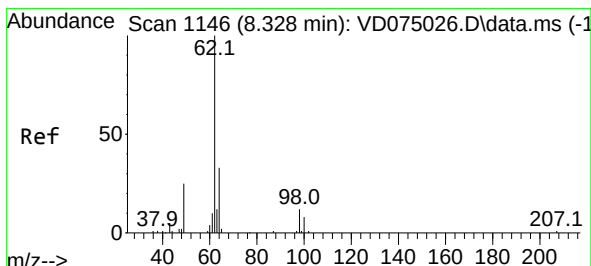
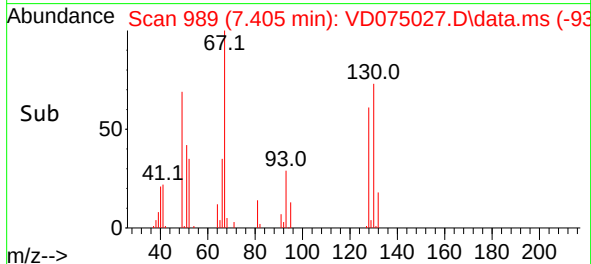
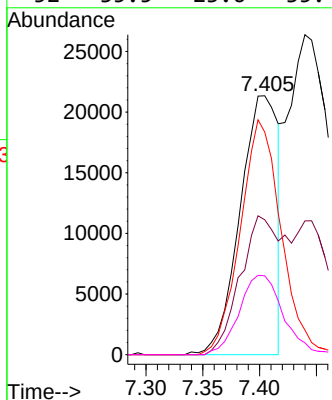
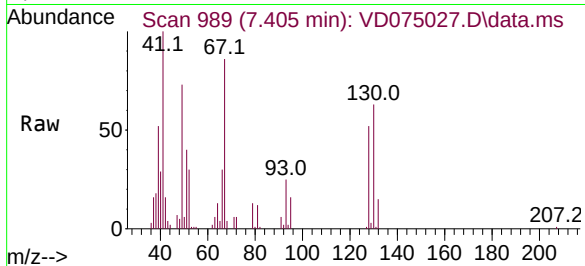




#41
Methacrylonitrile
Concen: 102.271 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

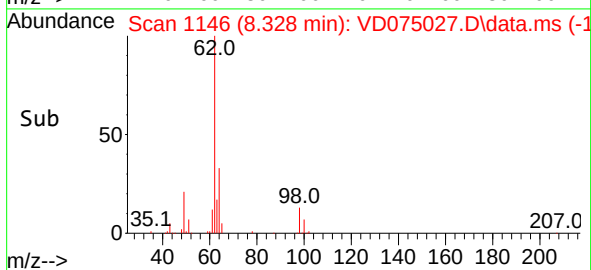
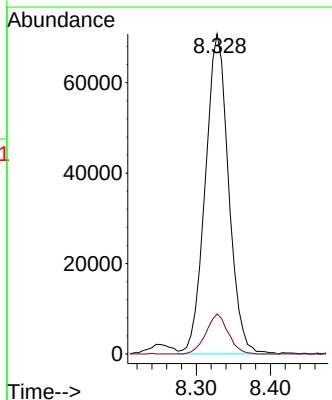
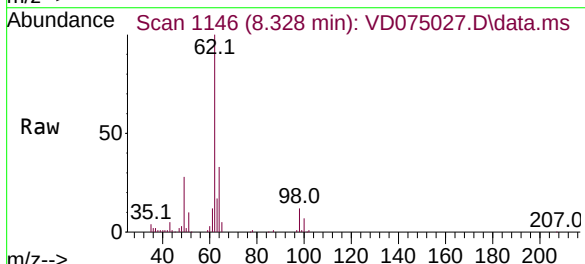
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

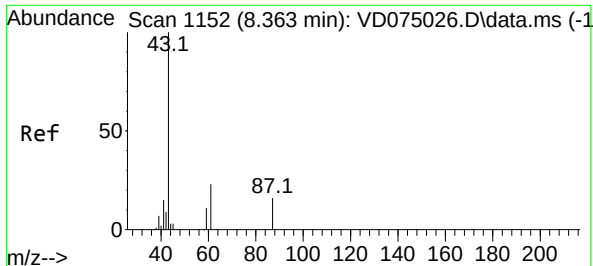
Tgt Ion: 41 Resp: 49478
Ion Ratio Lower Upper
41 100
39 65.4 44.8 67.2
67 97.9 69.6 104.4
52 35.5 23.6 35.4#



#42
1,2-Dichloroethane
Concen: 96.078 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 62 Resp: 154642
Ion Ratio Lower Upper
62 100
98 11.8 0.0 23.4





#43

Isopropyl Acetate

Concen: 104.741 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

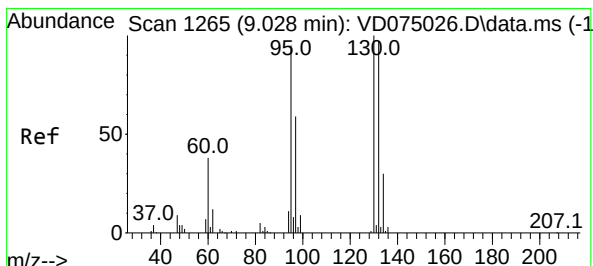
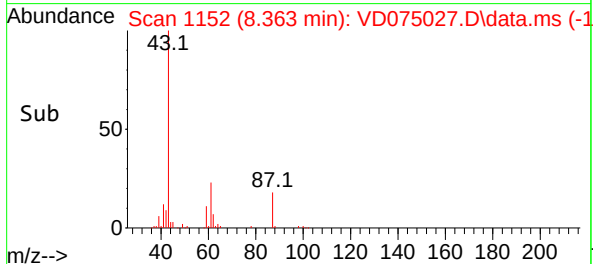
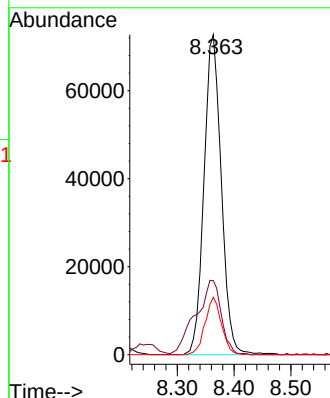
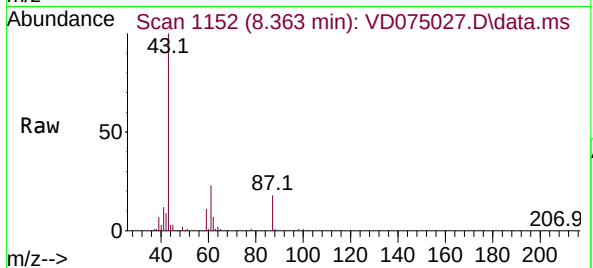
Tgt Ion: 43 Resp: 153961

Ion Ratio Lower Upper

43 100

61 34.1 28.2 42.4

87 17.0 13.6 20.4



#44

Trichloroethene

Concen: 96.858 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075027.D

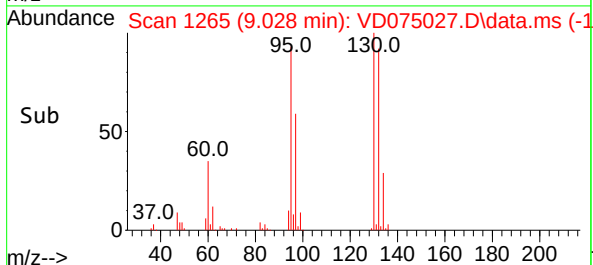
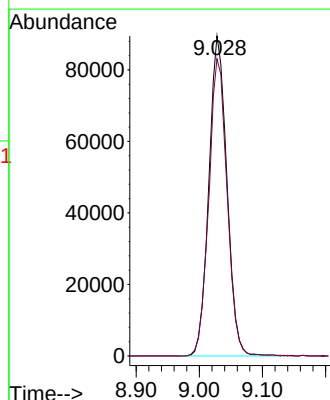
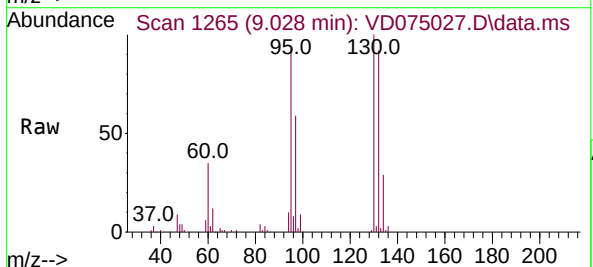
Acq: 15 Dec 2022 14:36

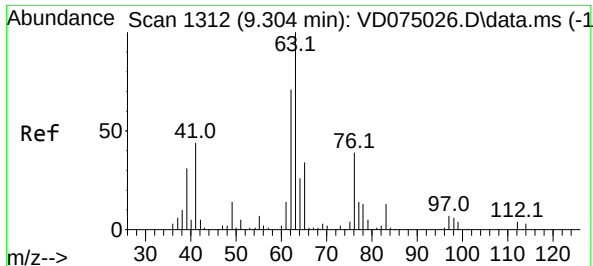
Tgt Ion:130 Resp: 177027

Ion Ratio Lower Upper

130 100

95 92.9 0.0 190.0





#45

1,2-Dichloropropane

Concen: 98.037 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

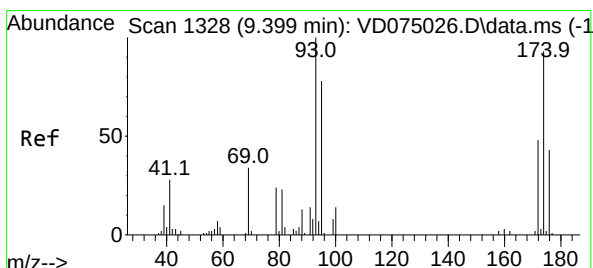
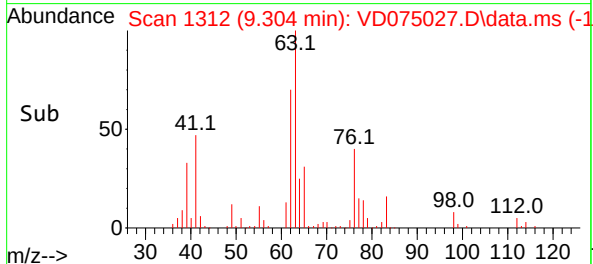
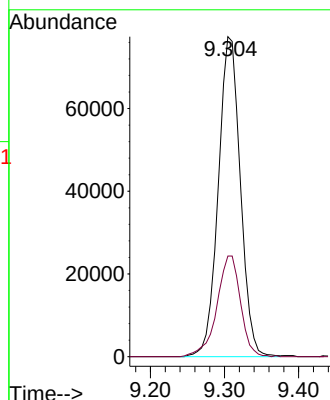
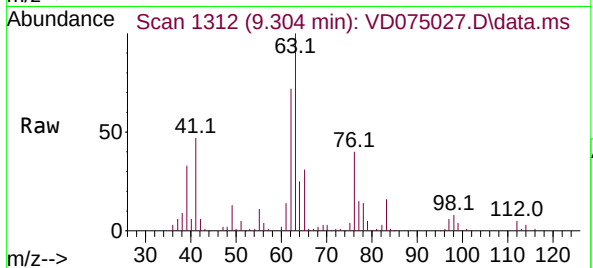
VSTDICC100

Tgt Ion: 63 Resp: 159791

Ion Ratio Lower Upper

63 100

65 31.5 27.0 40.6



#46

Dibromomethane

Concen: 97.203 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

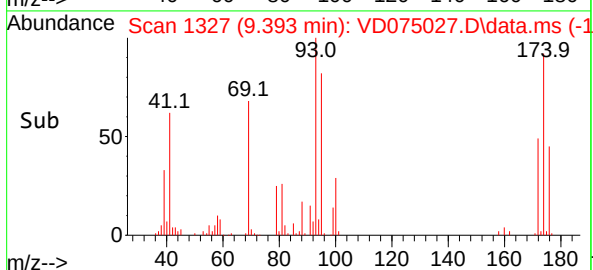
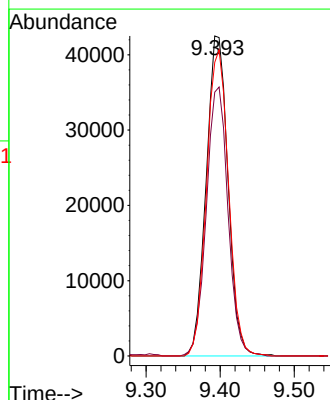
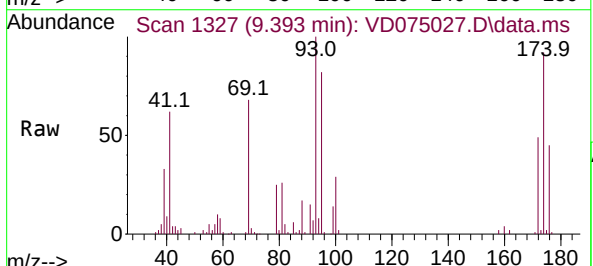
Tgt Ion: 93 Resp: 86934

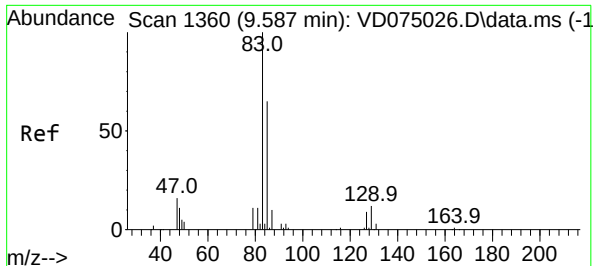
Ion Ratio Lower Upper

93 100

95 83.6 65.7 98.5

174 96.6 74.7 112.1

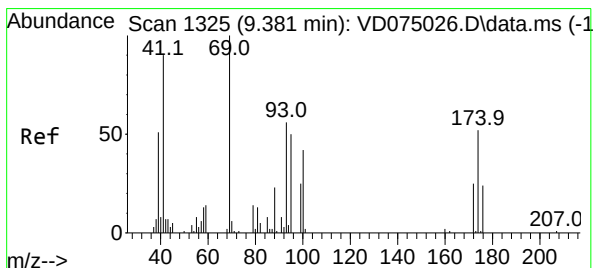
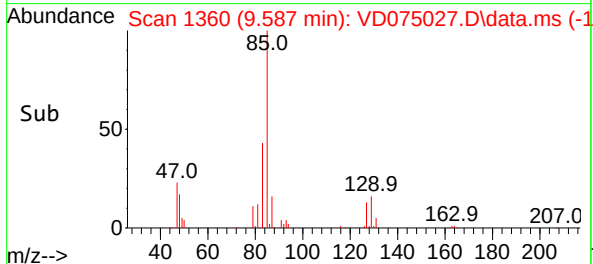
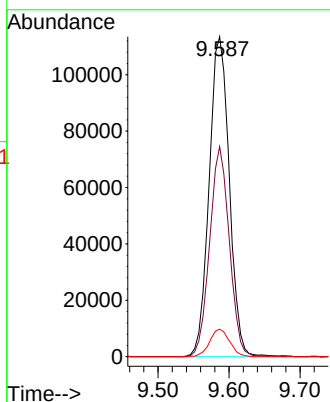
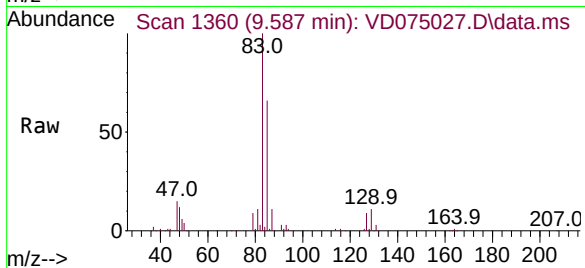




#47
Bromodichloromethane
Concen: 97.878 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

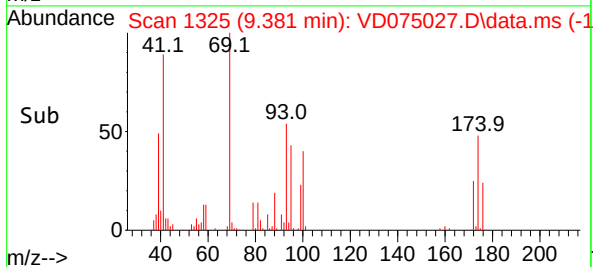
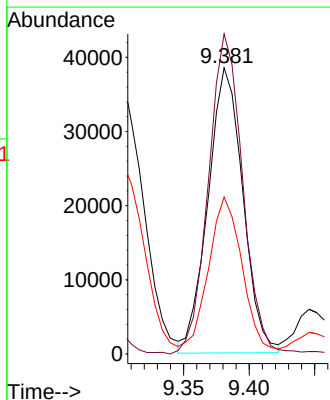
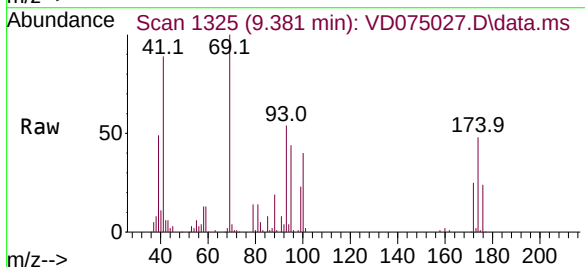
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

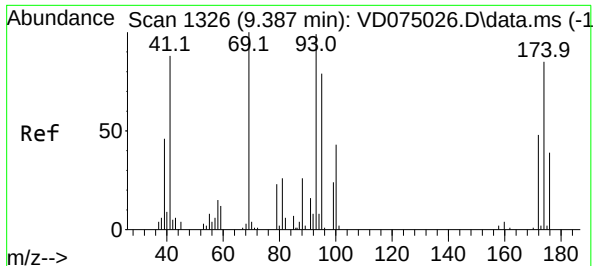
Tgt Ion: 83 Resp: 223104
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.8
127 8.6 7.2 10.8



#48
Methyl methacrylate
Concen: 103.973 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 41 Resp: 71204
Ion Ratio Lower Upper
41 100
69 110.2 84.8 127.2
39 50.2 43.6 65.4





#49

1,4-Dioxane

Concen: 2167.839 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

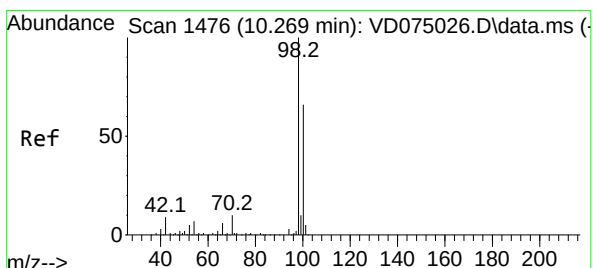
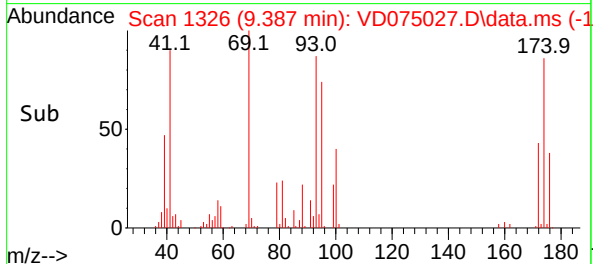
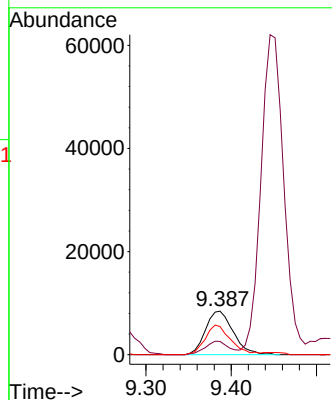
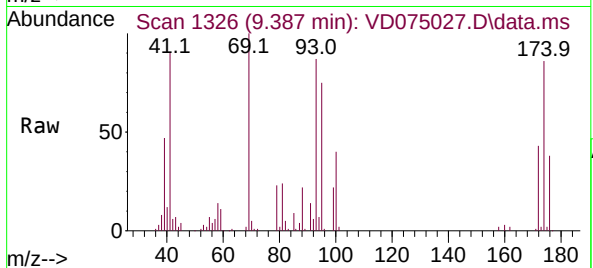
Tgt Ion: 88 Resp: 19066

Ion Ratio Lower Upper

88 100

43 27.7 23.9 35.9

58 62.8 48.4 72.6



#50

Toluene-d8

Concen: 103.256 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075027.D

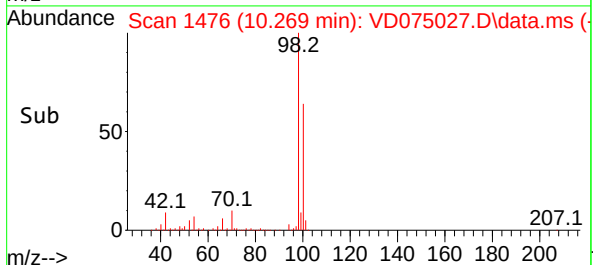
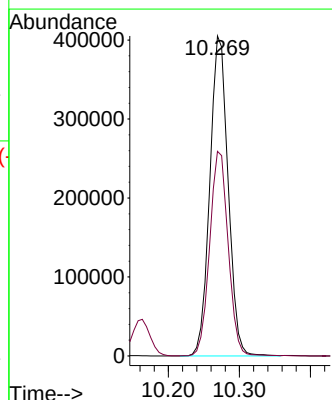
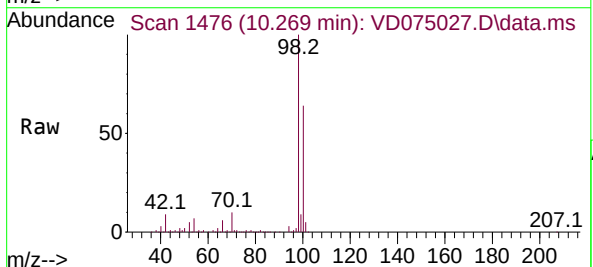
Acq: 15 Dec 2022 14:36

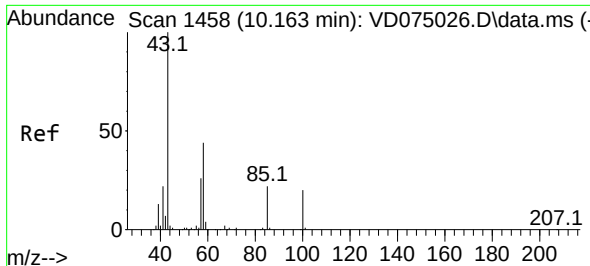
Tgt Ion: 98 Resp: 723170

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

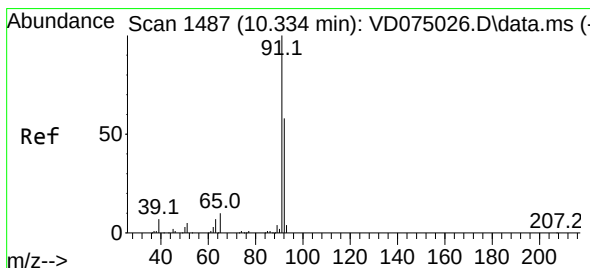
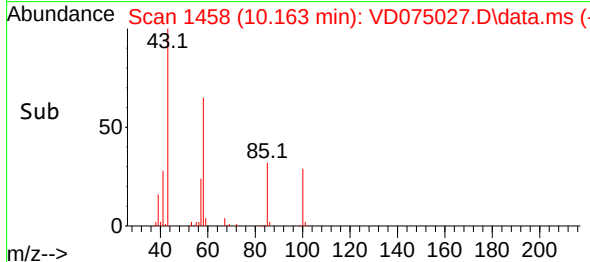
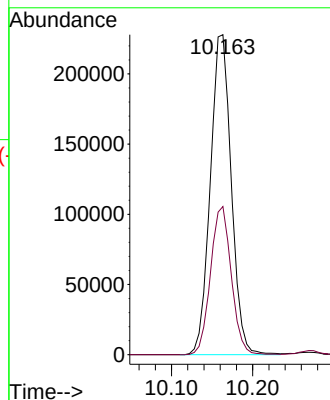
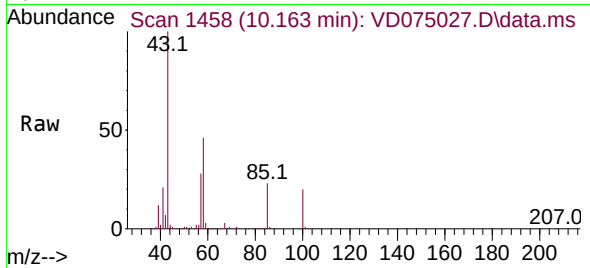




#51
4-Methyl-2-Pentanone
Concen: 534.576 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

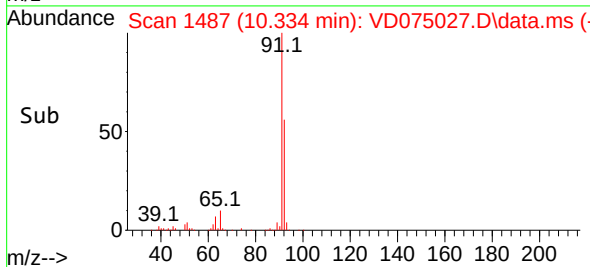
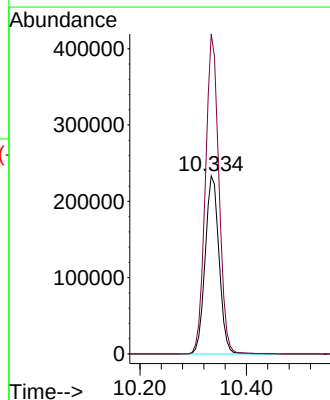
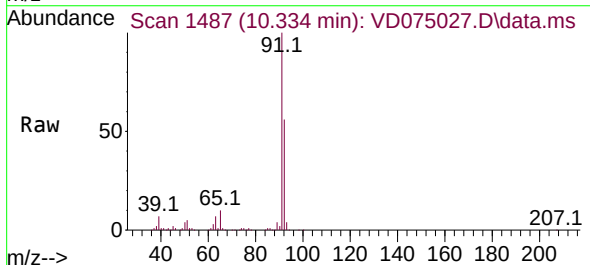
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

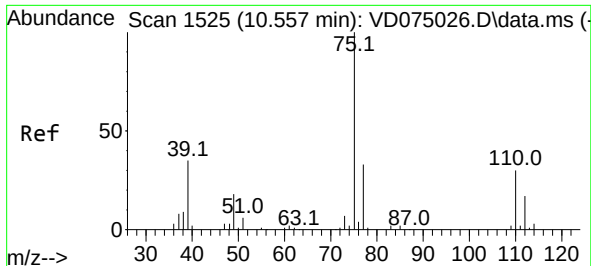
Tgt Ion: 43 Resp: 409282
Ion Ratio Lower Upper
43 100
58 45.8 35.7 53.5



#52
Toluene
Concen: 98.434 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 92 Resp: 422148
Ion Ratio Lower Upper
92 100
91 175.2 139.3 208.9

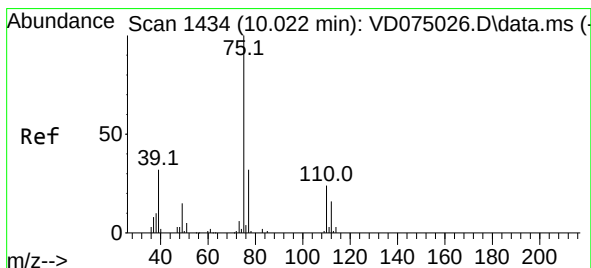
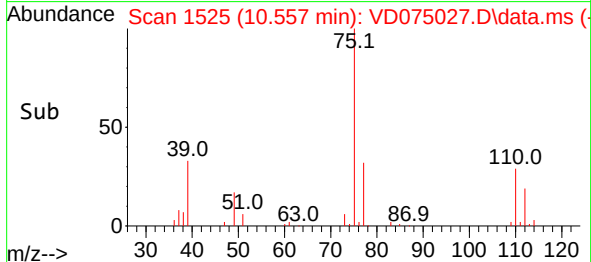
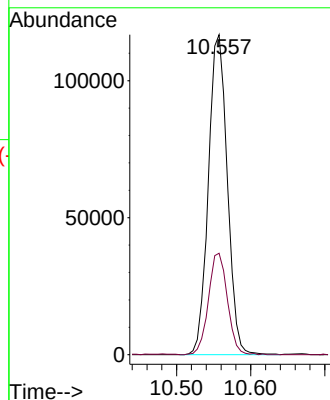
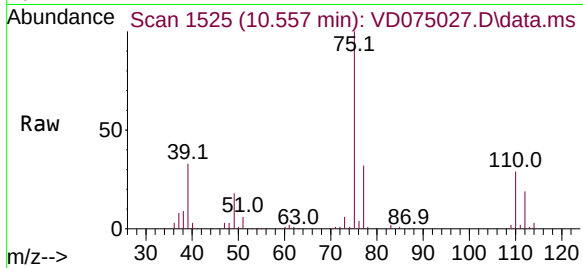




#53
t-1,3-Dichloropropene
Concen: 104.300 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

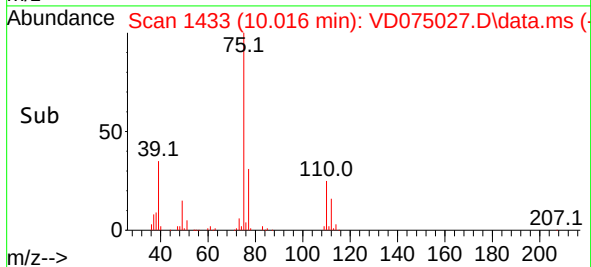
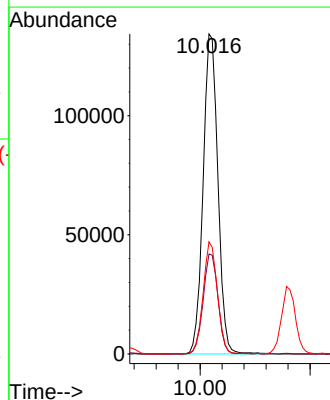
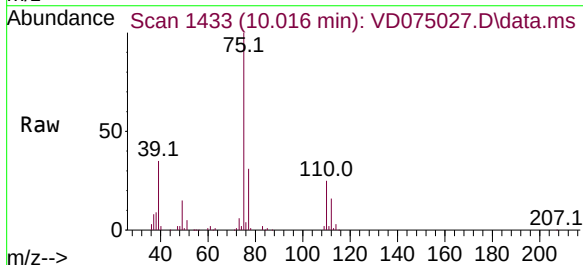
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

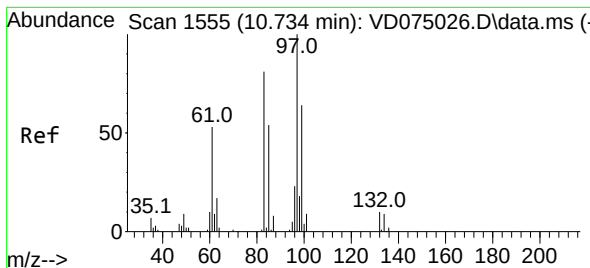
Tgt Ion: 75 Resp: 207106
Ion Ratio Lower Upper
75 100
77 31.7 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 101.532 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 75 Resp: 250246
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 35.1 25.7 38.5





#55

1,1,2-Trichloroethane

Concen: 98.408 ug/l

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 126800

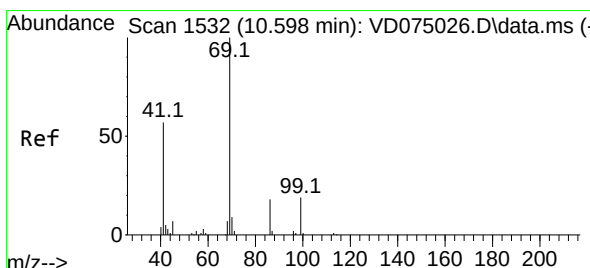
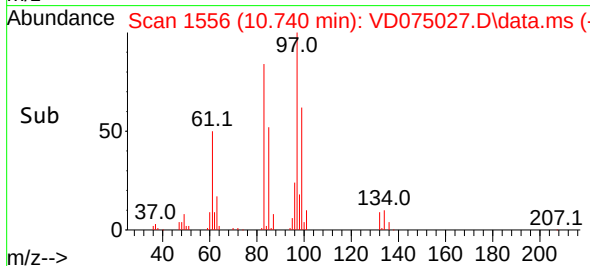
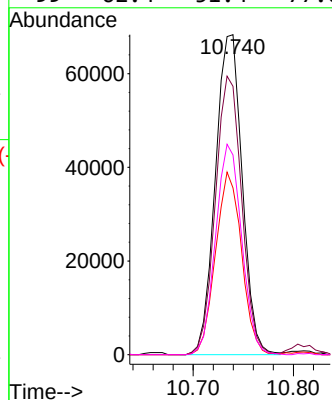
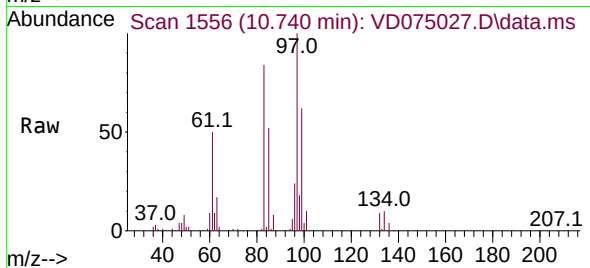
Ion Ratio Lower Upper

97 100

83 83.9 65.1 97.7

85 52.1 43.3 64.9

99 62.4 51.4 77.0



#56

Ethyl methacrylate

Concen: 109.241 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

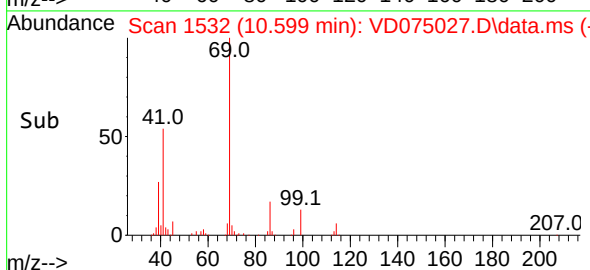
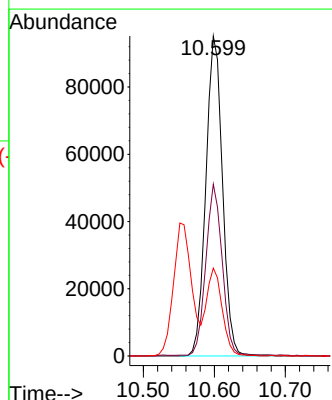
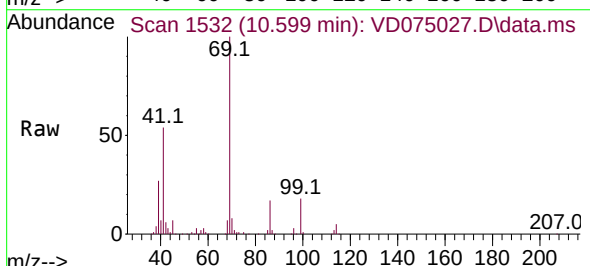
Tgt Ion: 69 Resp: 155293

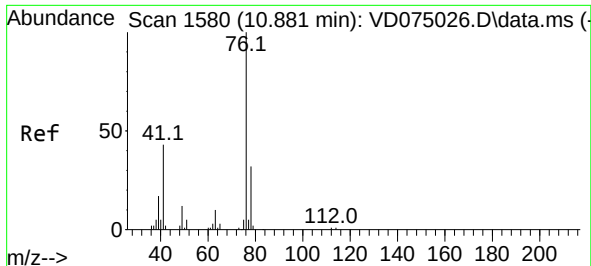
Ion Ratio Lower Upper

69 100

41 52.2 42.2 63.4

39 25.7 20.2 30.4





#57

1,3-Dichloropropane

Concen: 99.791 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

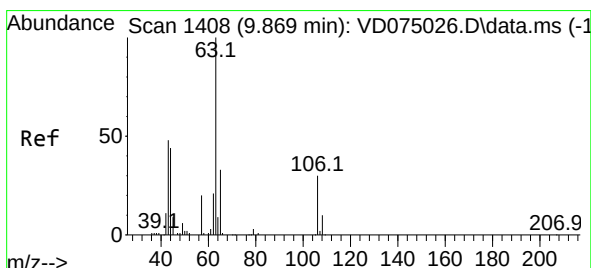
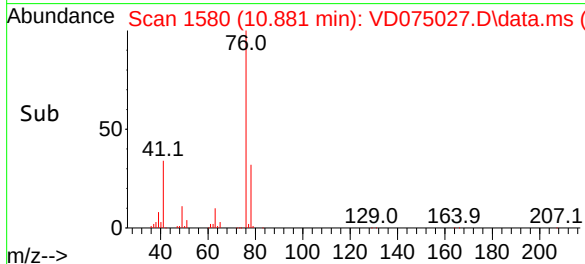
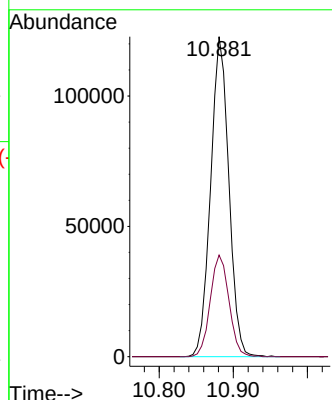
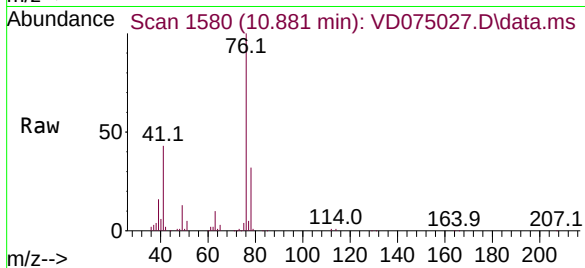
VSTDIC100

Tgt Ion: 76 Resp: 209283

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 610.309 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075027.D

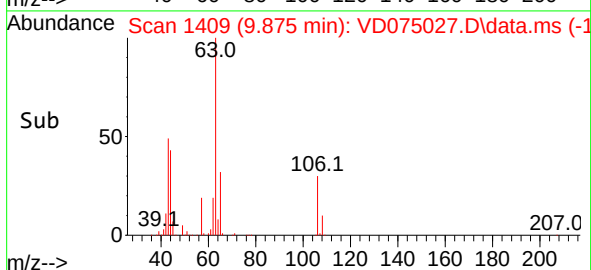
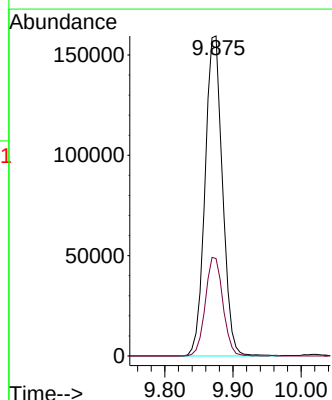
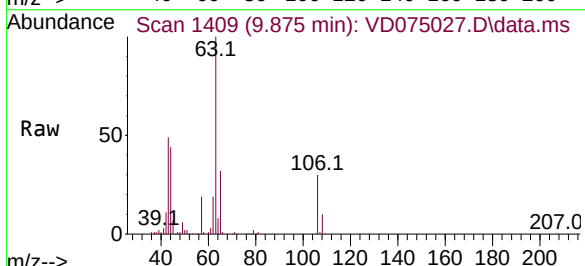
Acq: 15 Dec 2022 14:36

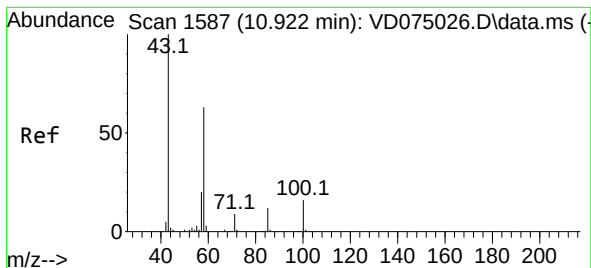
Tgt Ion: 63 Resp: 284168

Ion Ratio Lower Upper

63 100

106 31.0 25.3 37.9

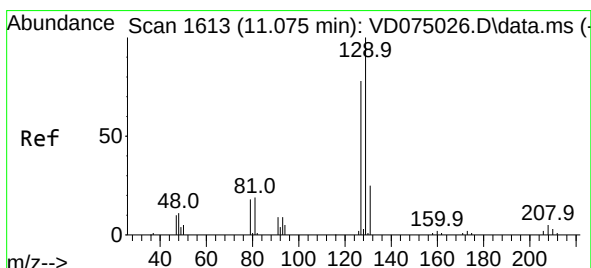
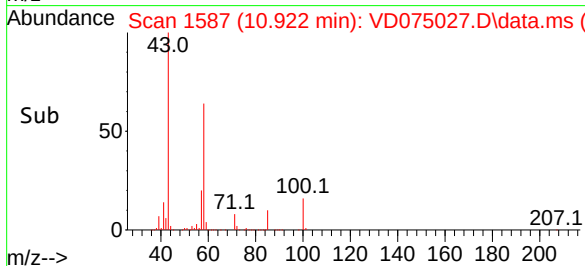
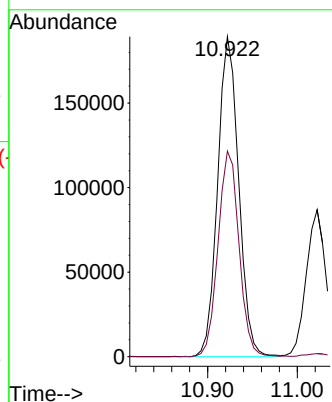
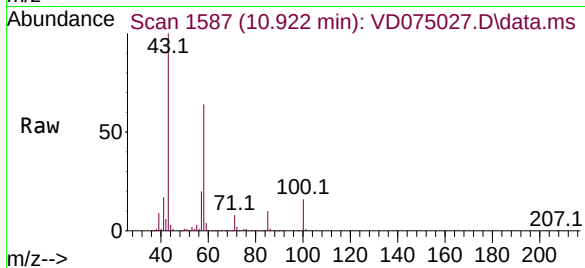




#59
2-Hexanone
Concen: 558.269 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

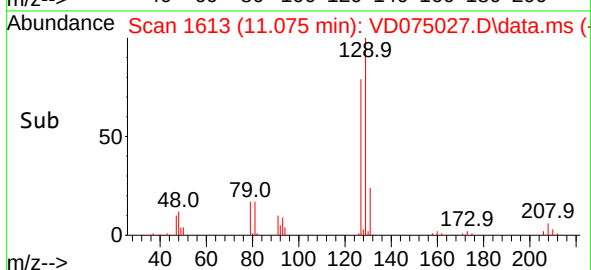
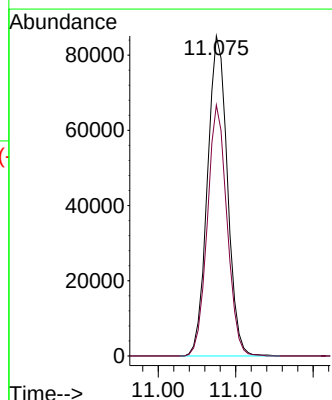
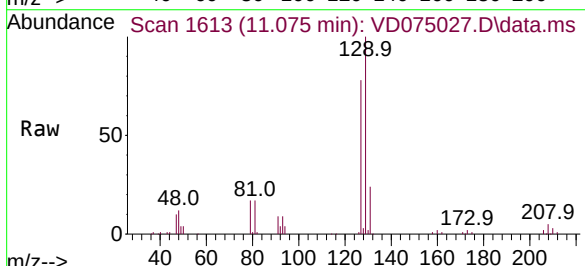
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

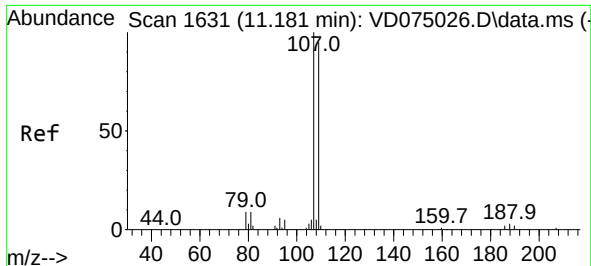
Tgt Ion: 43 Resp: 307791
Ion Ratio Lower Upper
43 100
58 64.2 30.8 92.4



#60
Dibromochloromethane
Concen: 101.075 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 129 Resp: 152424
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.3

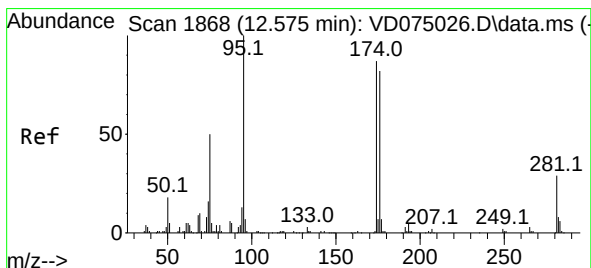
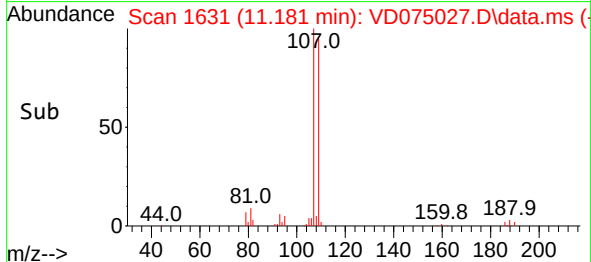
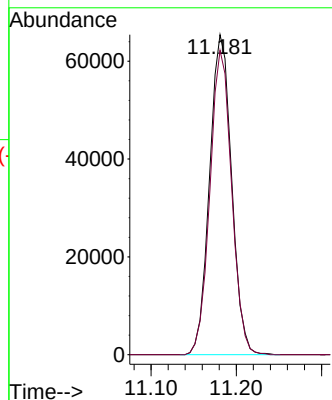
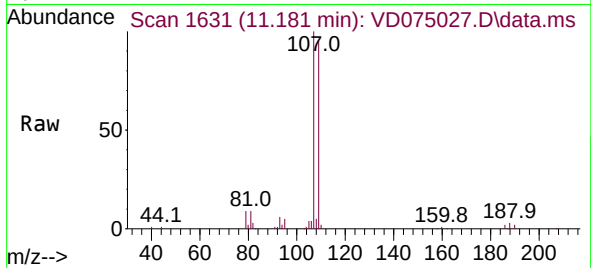




#61
1,2-Dibromoethane
Concen: 100.146 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

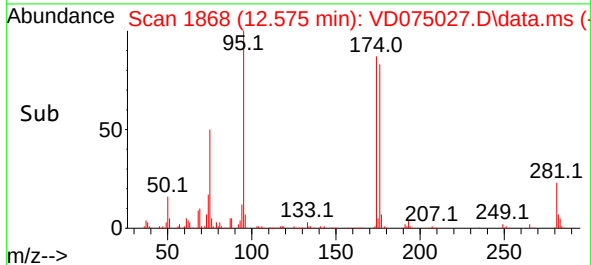
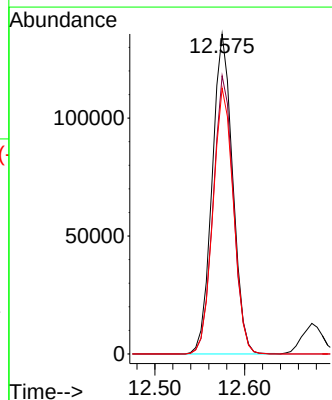
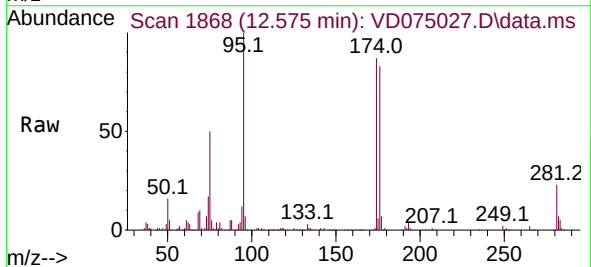
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

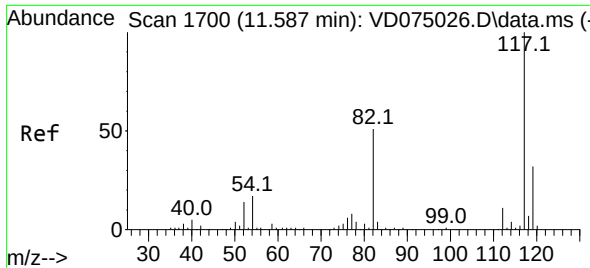
Tgt Ion:107 Resp: 117305
Ion Ratio Lower Upper
107 100
109 93.8 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 104.955 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 95 Resp: 215564
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.2
176 83.0 0.0 165.0

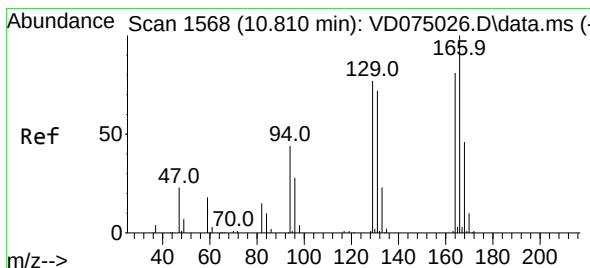
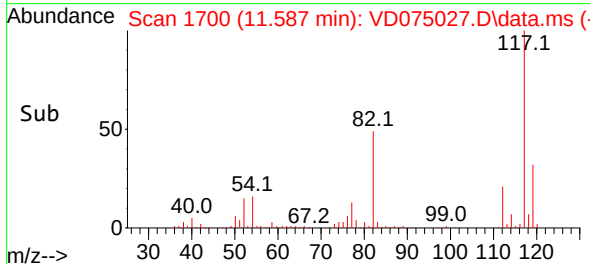
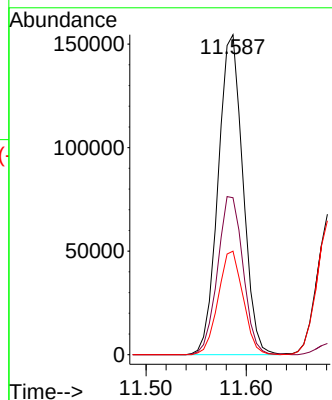
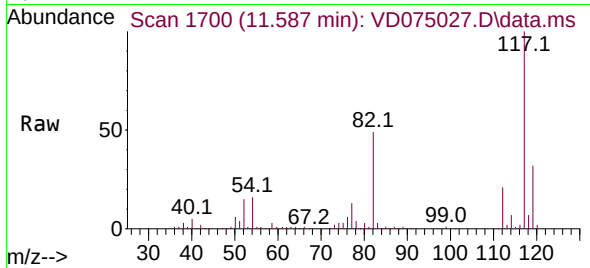




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

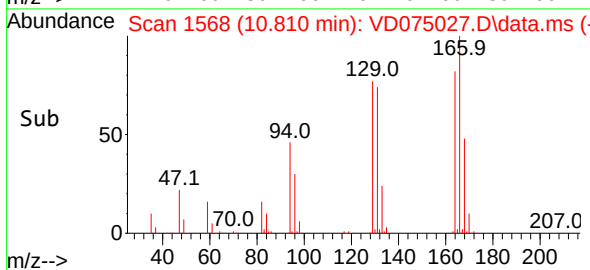
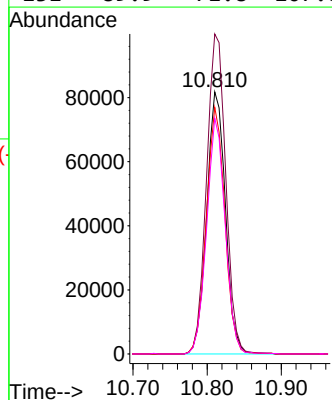
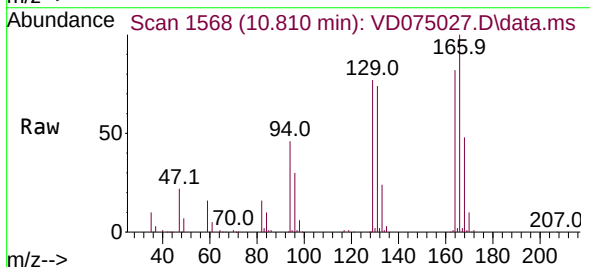
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

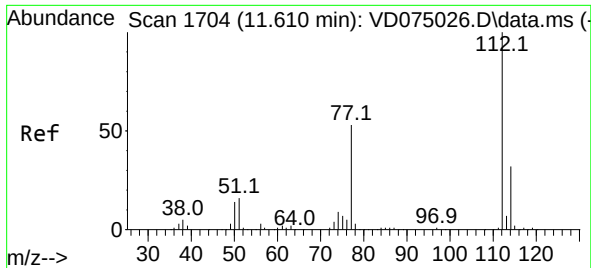
Tgt Ion:117 Resp: 264184
Ion Ratio Lower Upper
117 100
82 49.1 40.9 61.3
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 92.322 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion:164 Resp: 143787
Ion Ratio Lower Upper
164 100
166 122.1 99.4 149.0
129 94.1 76.7 115.1
131 89.9 71.8 107.8

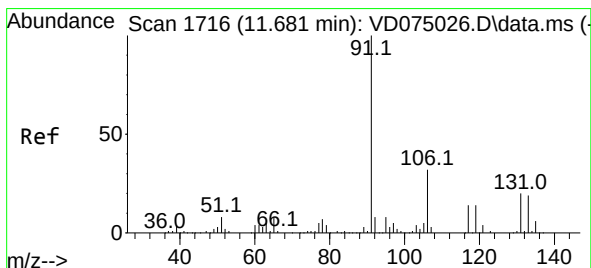
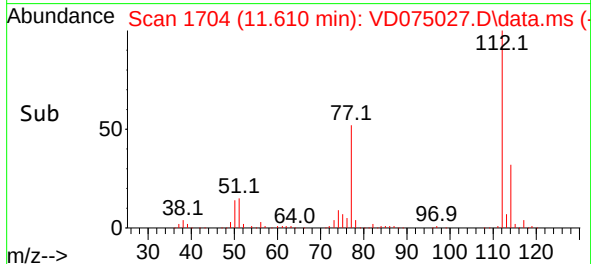
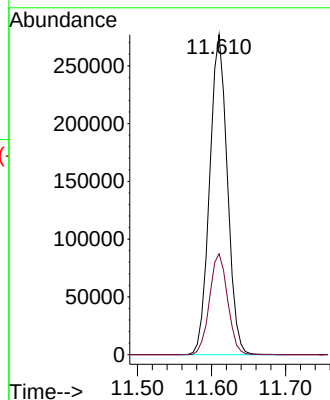
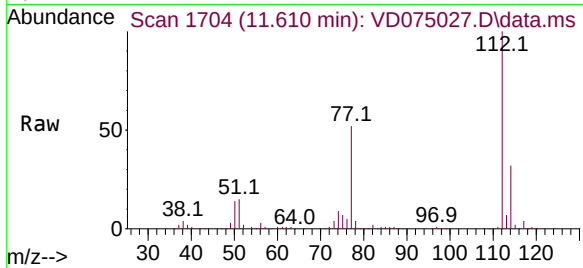




#65
Chlorobenzene
Concen: 96.495 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

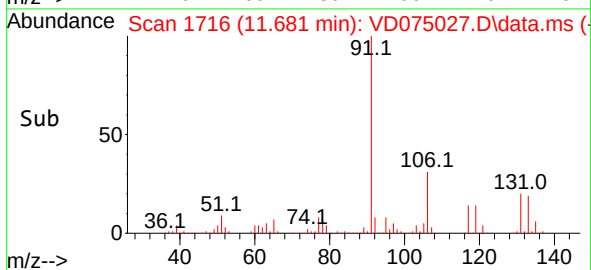
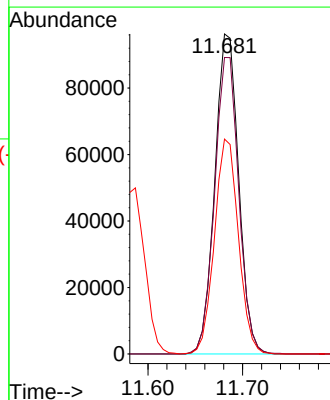
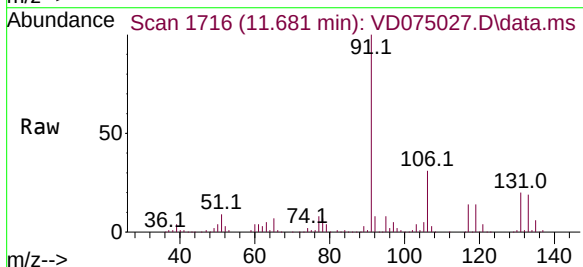
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

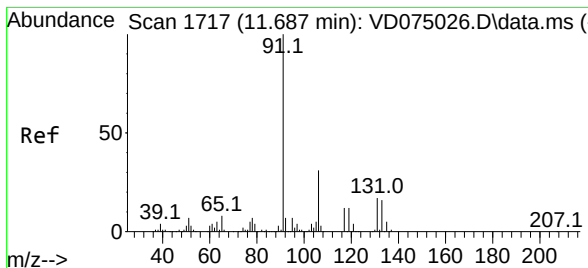
Tgt Ion:112 Resp: 459365
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 98.461 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion:131 Resp: 168030
Ion Ratio Lower Upper
131 100
133 94.4 48.5 145.6
119 67.9 34.2 102.5





#67

Ethyl Benzene

Concen: 102.211 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

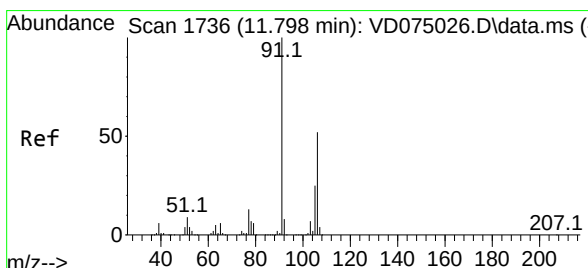
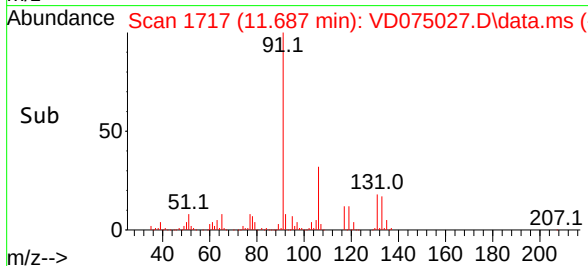
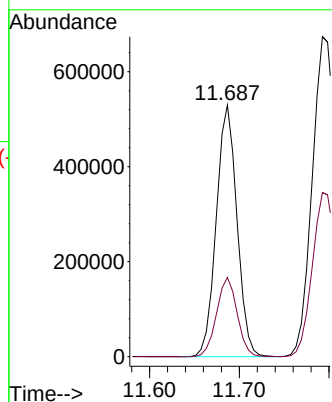
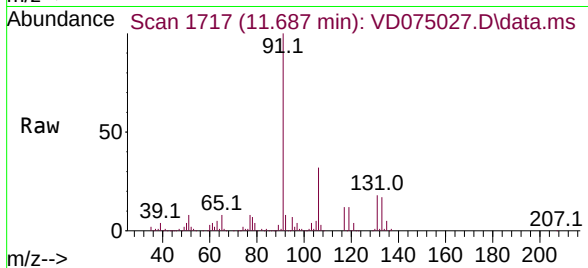
VSTDICC100

Tgt Ion: 91 Resp: 847314

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 202.522 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD075027.D

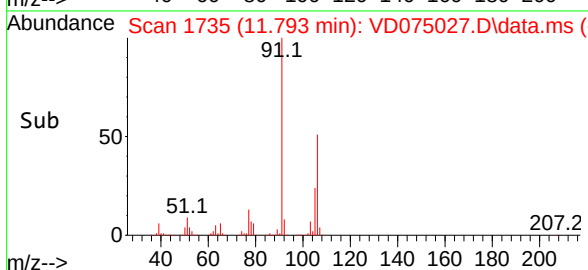
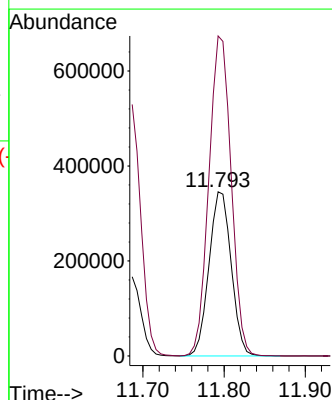
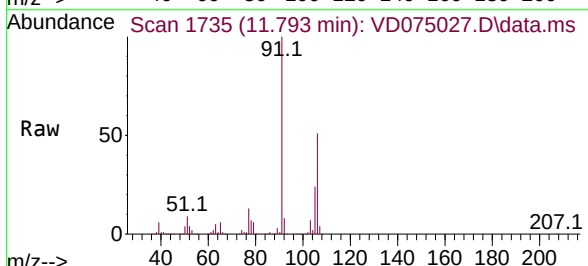
Acq: 15 Dec 2022 14:36

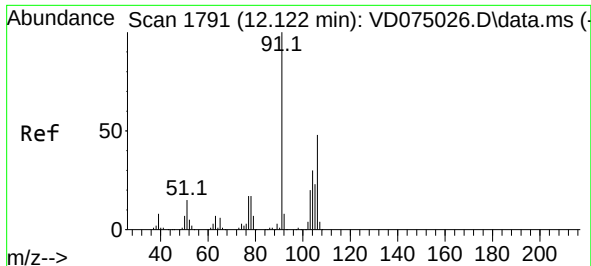
Tgt Ion:106 Resp: 656503

Ion Ratio Lower Upper

106 100

91 195.6 156.3 234.5

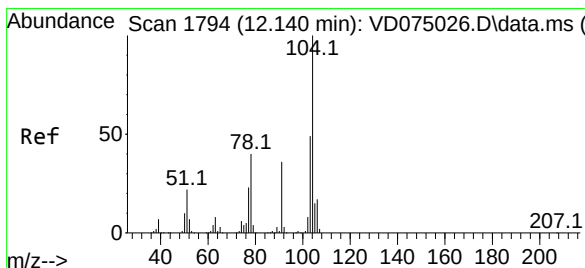
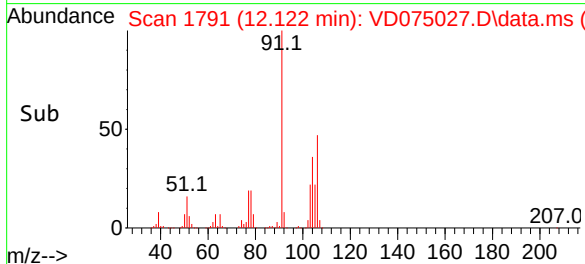
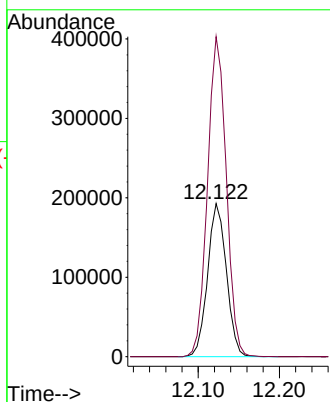
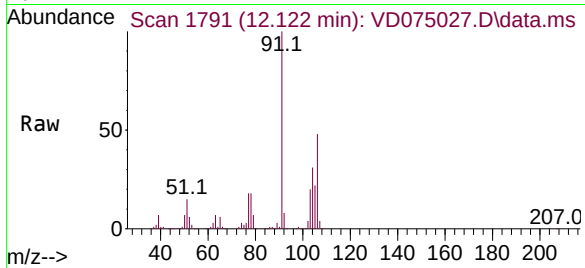




#69
o-Xylene
Concen: 101.605 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

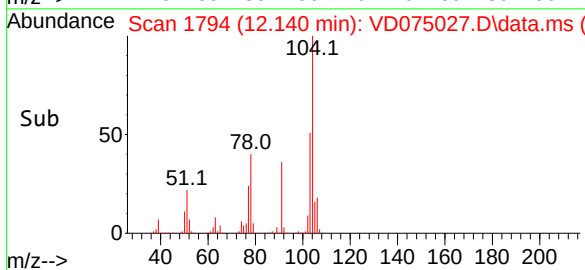
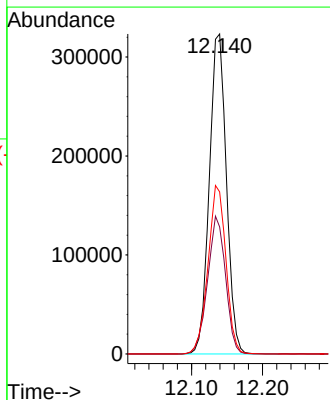
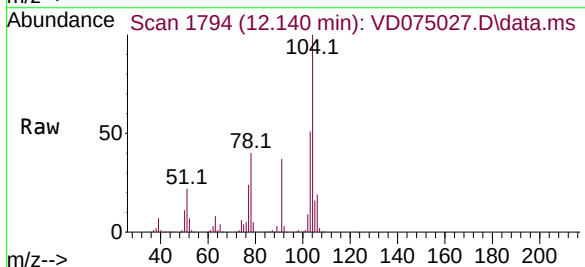
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

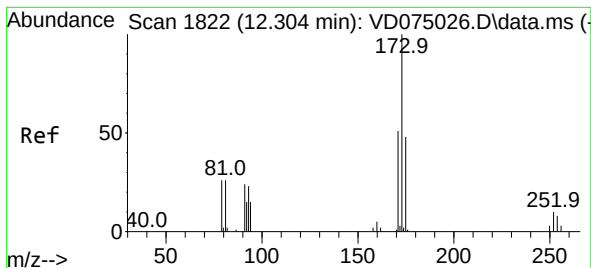
Tgt Ion:106 Resp: 309788
Ion Ratio Lower Upper
106 100
91 208.5 102.7 308.1



#70
Styrene
Concen: 102.379 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion:104 Resp: 539796
Ion Ratio Lower Upper
104 100
78 45.3 35.5 53.3
103 55.3 43.9 65.9





#71

Bromoform

Concen: 99.438 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

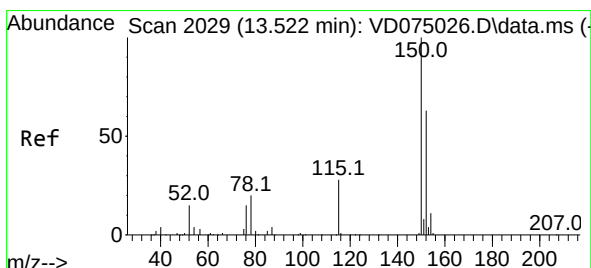
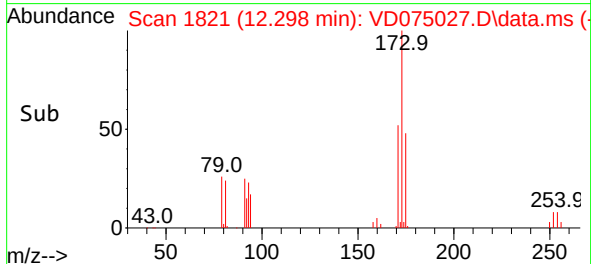
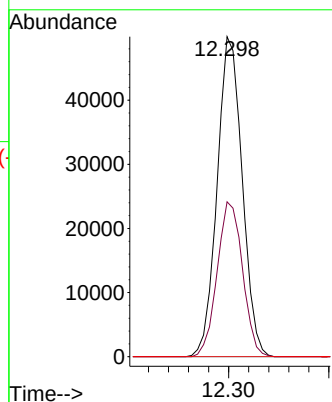
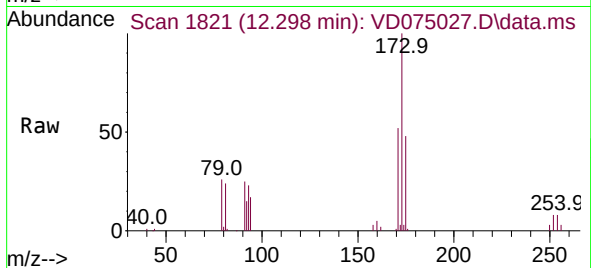
Tgt Ion:173 Resp: 86532

Ion Ratio Lower Upper

173 100

175 49.0 24.4 73.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

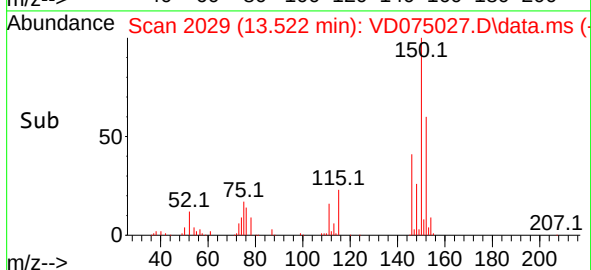
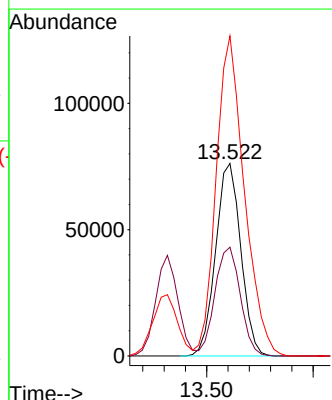
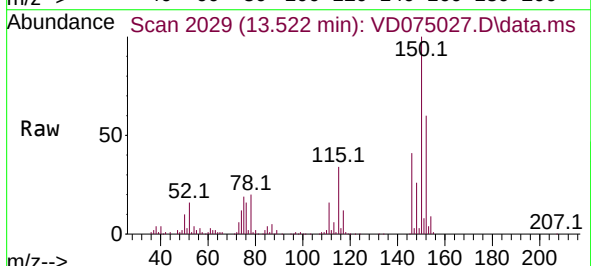
Tgt Ion:152 Resp: 125041

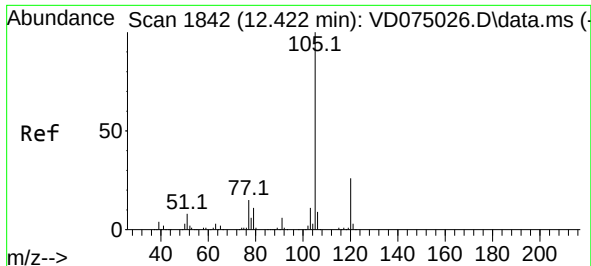
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 186.1 0.0 354.2

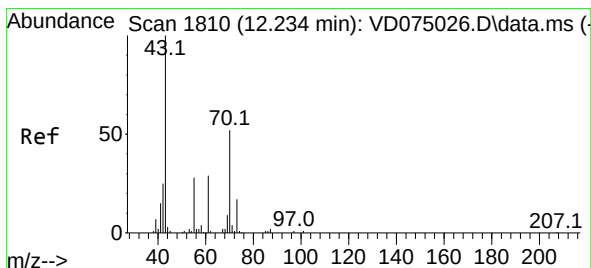
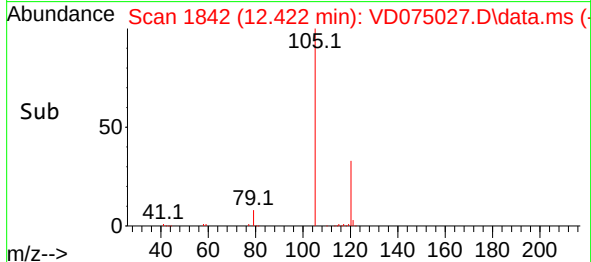
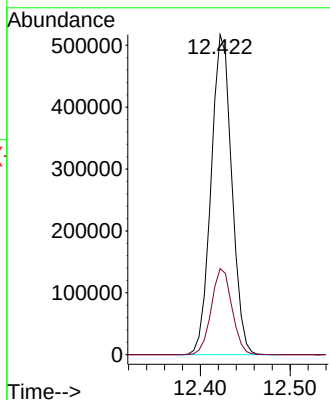
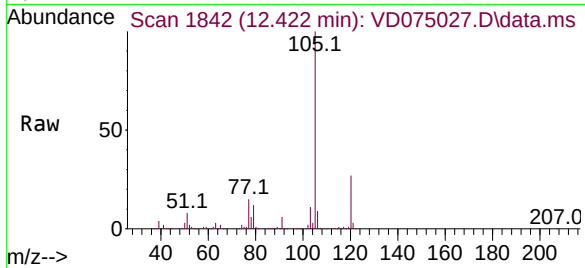




#73
Isopropylbenzene
Concen: 101.168 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

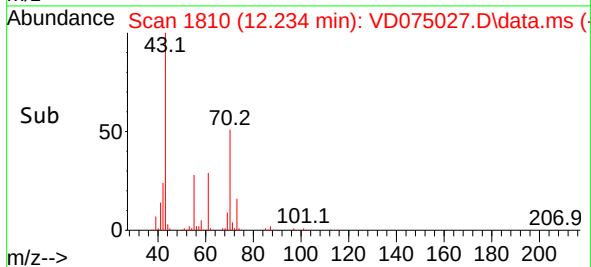
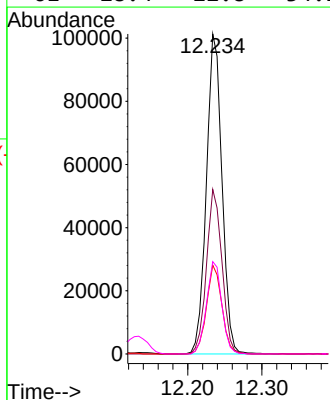
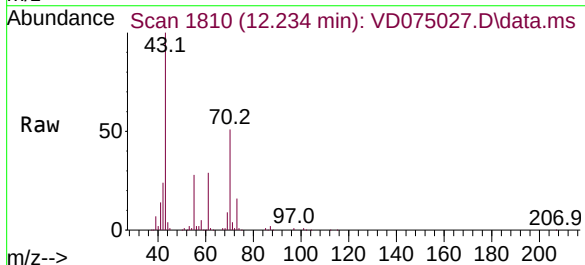
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

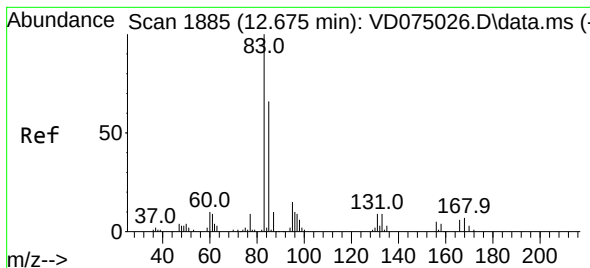
Tgt Ion:105 Resp: 827841
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 106.086 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 43 Resp: 147988
Ion Ratio Lower Upper
43 100
70 51.0 40.6 60.8
55 27.4 22.0 33.0
61 28.4 22.8 34.2

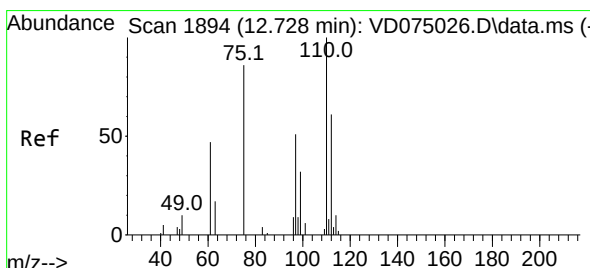
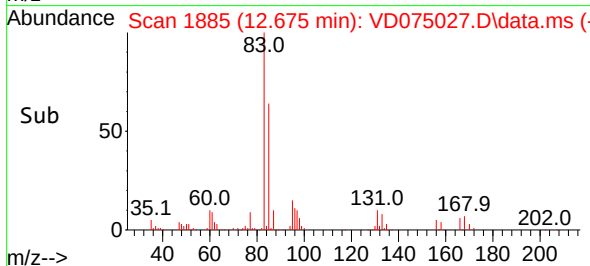
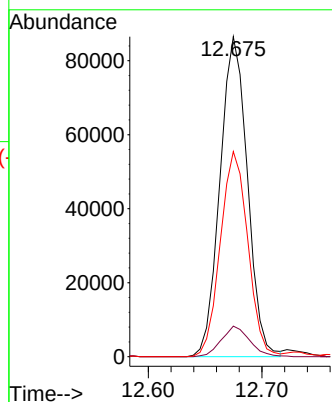
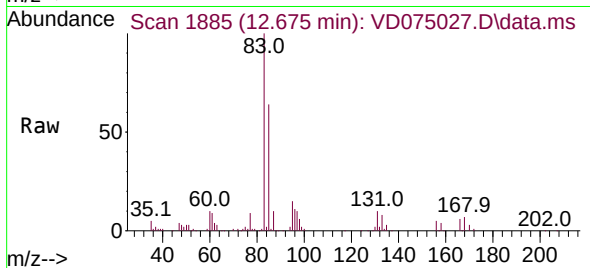




#75
1,1,2,2-Tetrachloroethane
Concen: 97.248 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

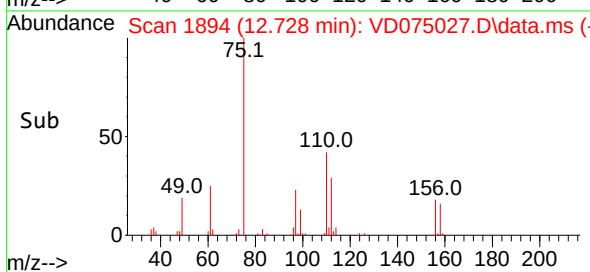
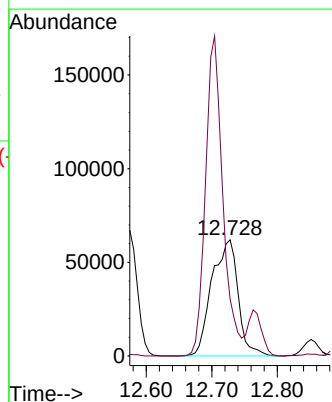
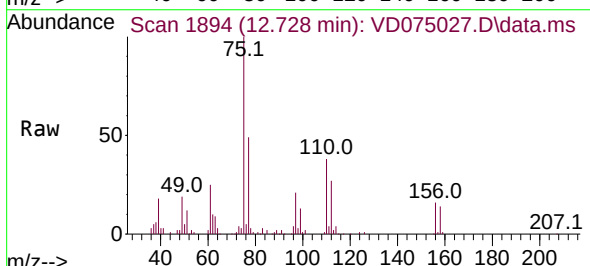
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

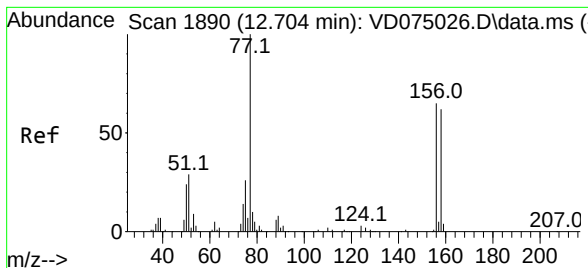
Tgt Ion: 83 Resp: 145216
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 64.2 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 108.996 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 75 Resp: 172123
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 99.158 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

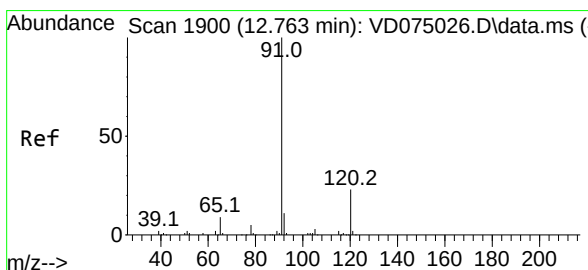
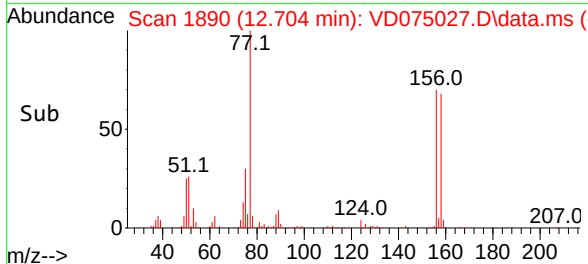
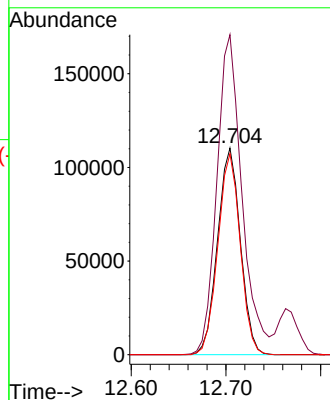
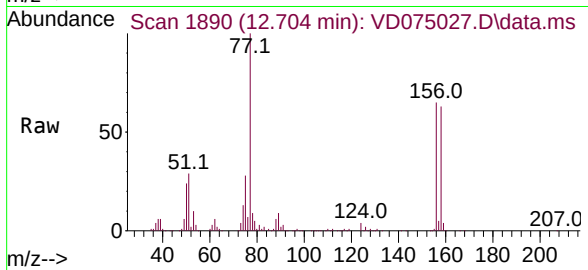
Tgt Ion:156 Resp: 184792

Ion Ratio Lower Upper

156 100

77 170.1 86.3 258.9

158 95.1 48.3 144.9



#78

n-propylbenzene

Concen: 99.852 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD075027.D

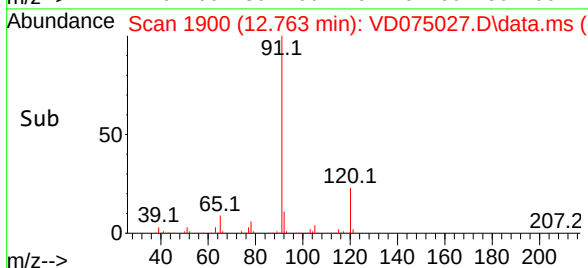
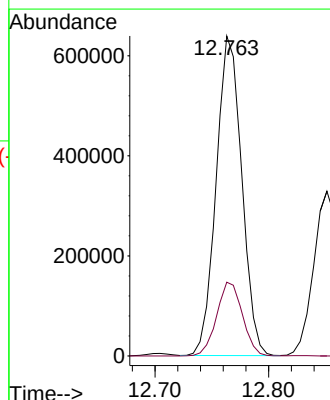
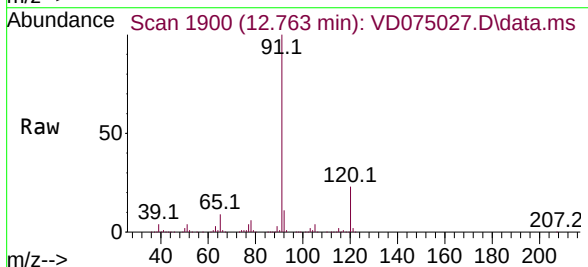
Acq: 15 Dec 2022 14:36

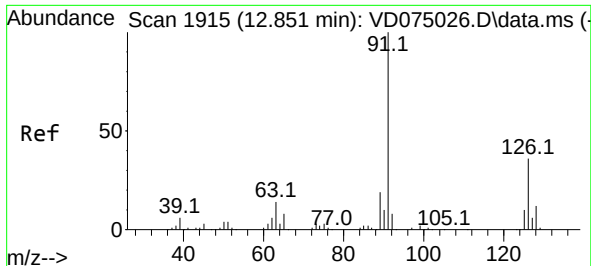
Tgt Ion: 91 Resp: 998807

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.7

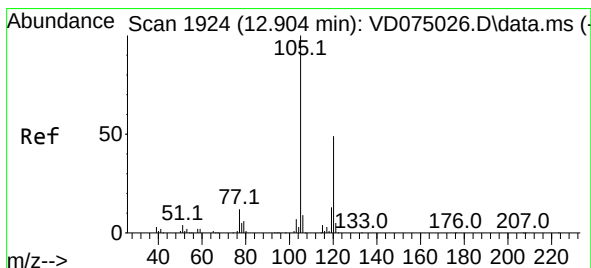
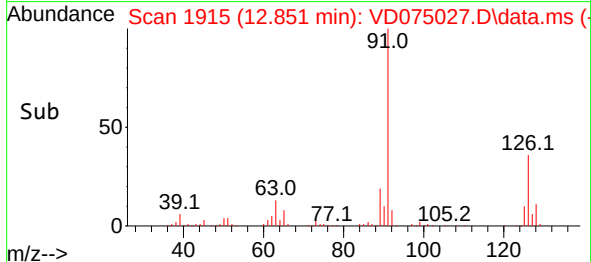
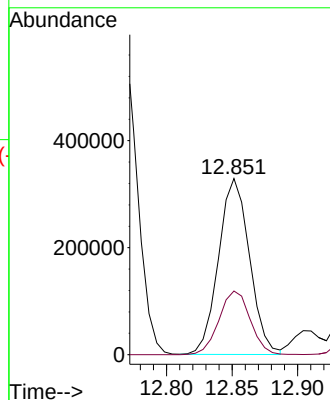
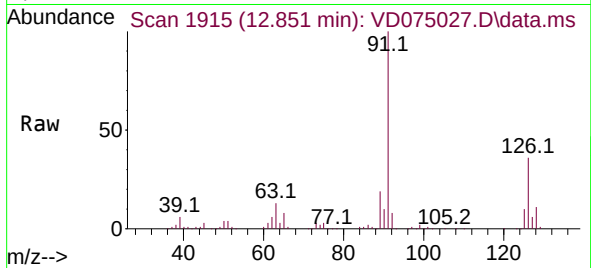




#79
2-Chlorotoluene
Concen: 98.178 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

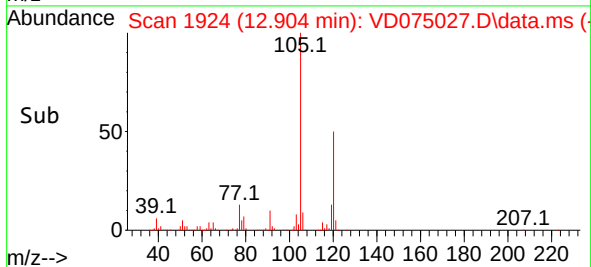
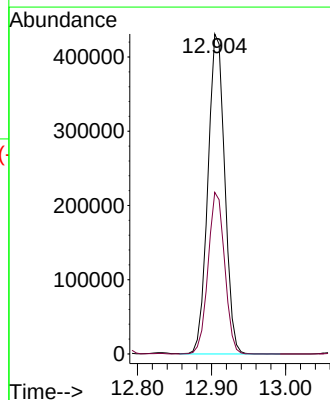
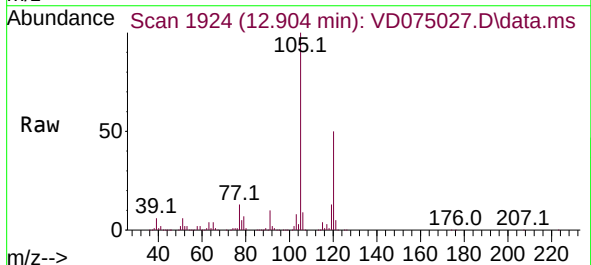
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

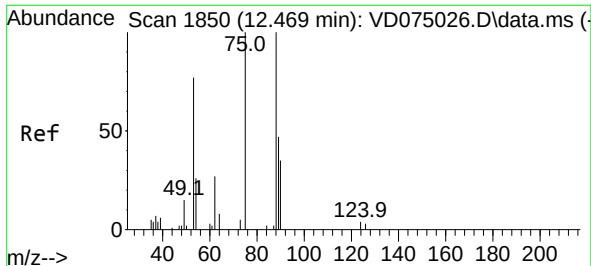
Tgt Ion: 91 Resp: 540956
Ion Ratio Lower Upper
91 100
126 36.4 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 100.031 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 105 Resp: 679501
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.3

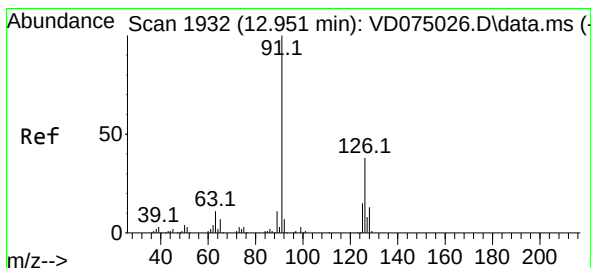
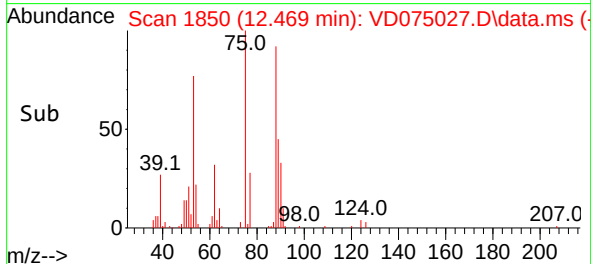
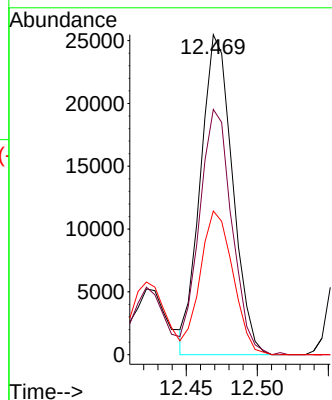
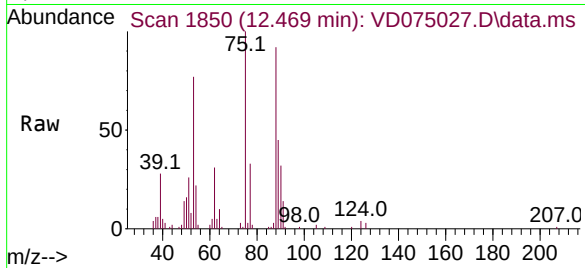




#81
trans-1,4-Dichloro-2-butene
Concen: 102.713 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

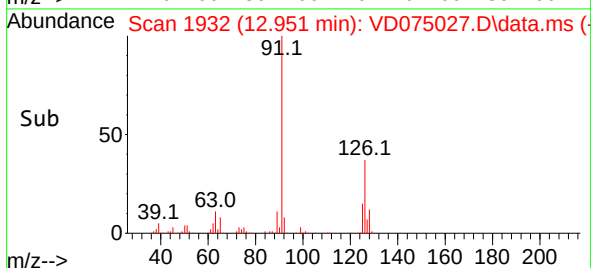
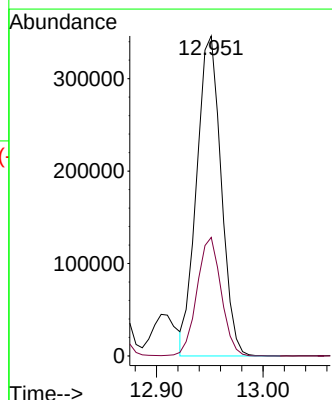
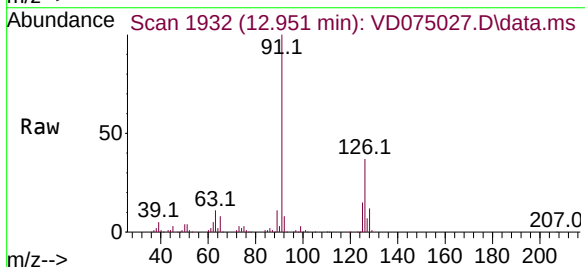
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

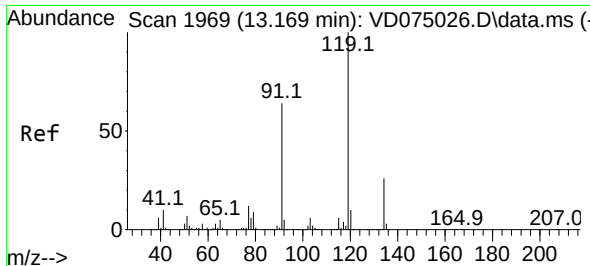
Tgt Ion: 75 Resp: 39954
Ion Ratio Lower Upper
75 100
53 77.5 60.0 90.0
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 97.073 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 91 Resp: 553664
Ion Ratio Lower Upper
91 100
126 36.6 18.1 54.1

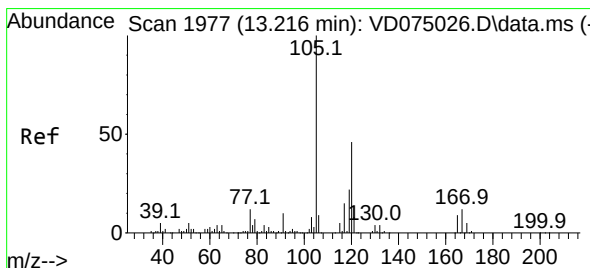
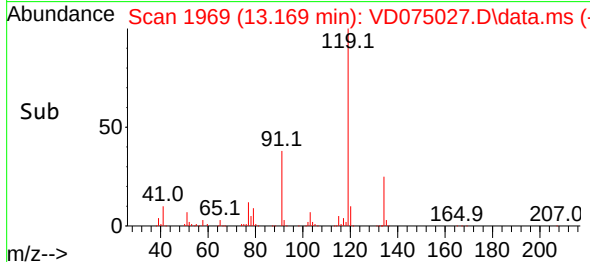
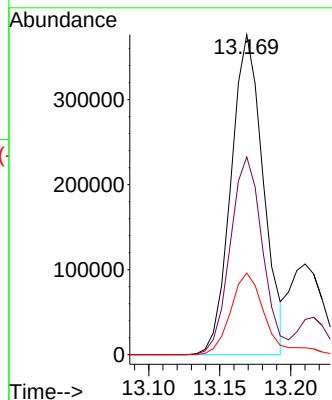
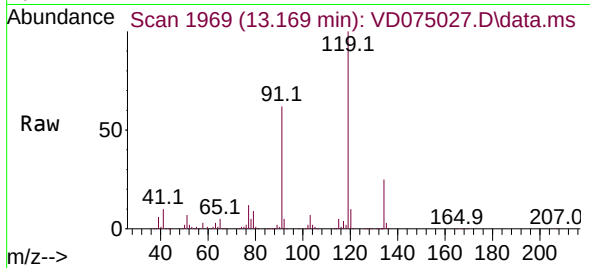




#83
 tert-Butylbenzene
 Concen: 101.663 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD075027.D
 Acq: 15 Dec 2022 14:36

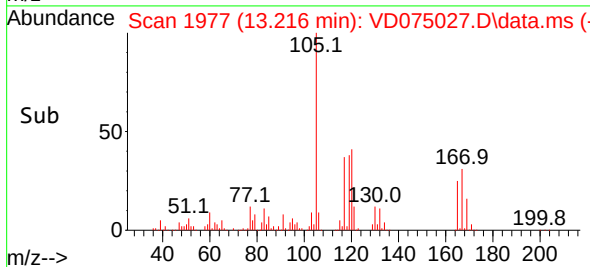
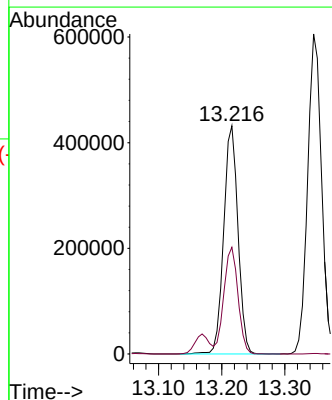
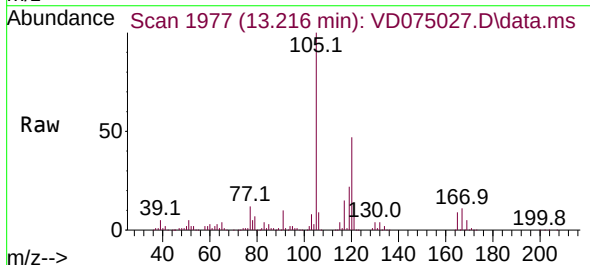
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

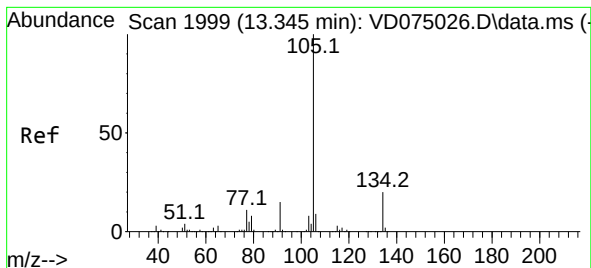
Tgt Ion:119 Resp: 596055
 Ion Ratio Lower Upper
 119 100
 91 62.3 31.2 93.6
 134 27.4 13.8 41.3



#84
 1,2,4-Trimethylbenzene
 Concen: 100.747 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD075027.D
 Acq: 15 Dec 2022 14:36

Tgt Ion:105 Resp: 678283
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.3





#85

sec-Butylbenzene

Concen: 100.856 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

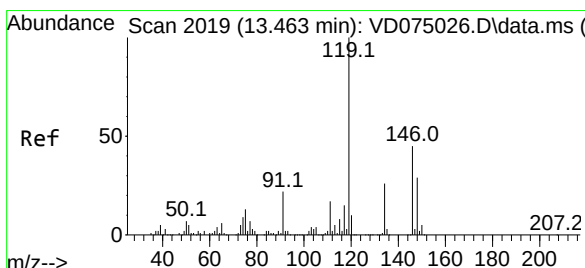
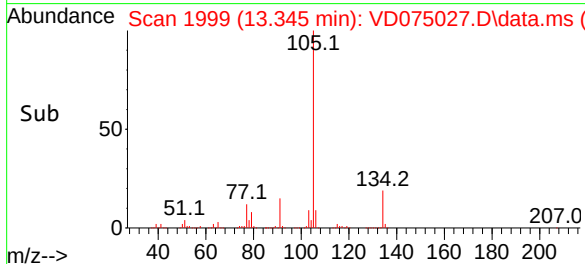
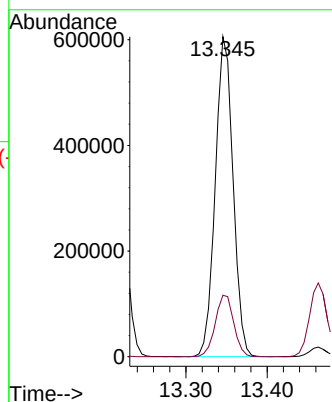
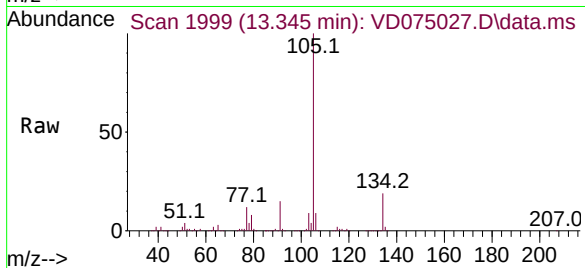
VSTDIC100

Tgt Ion:105 Resp: 922184

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 102.205 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

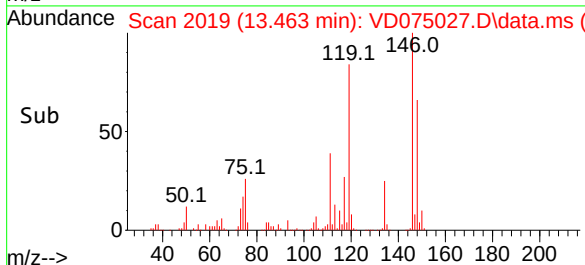
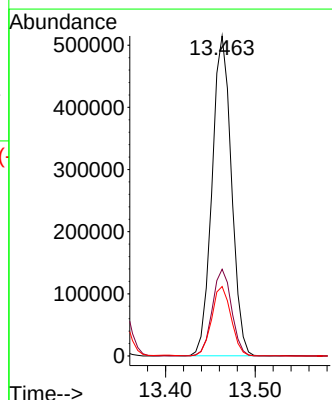
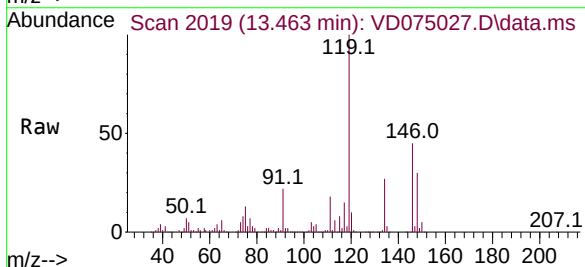
Tgt Ion:119 Resp: 771829

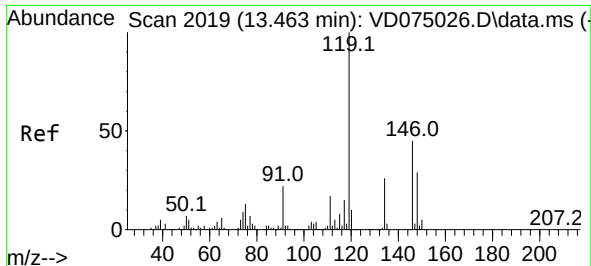
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 21.7 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 97.184 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

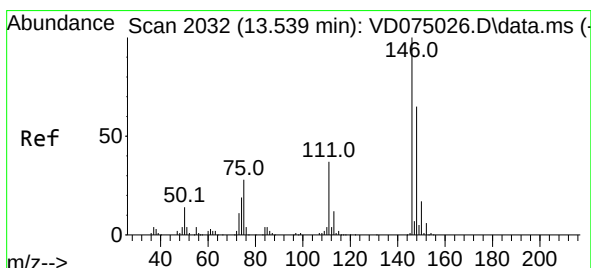
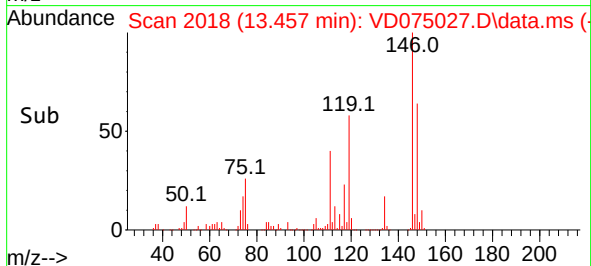
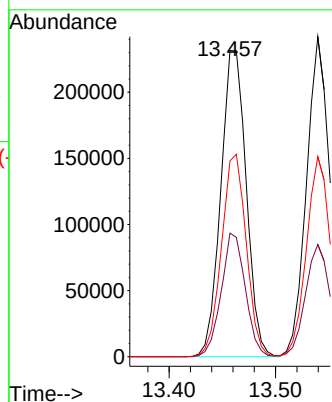
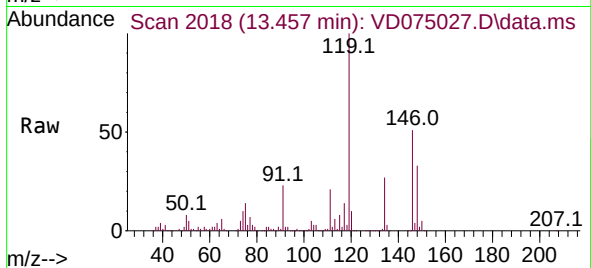
Tgt Ion:146 Resp: 384284

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 95.105 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

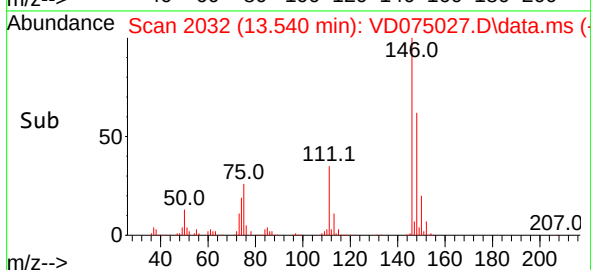
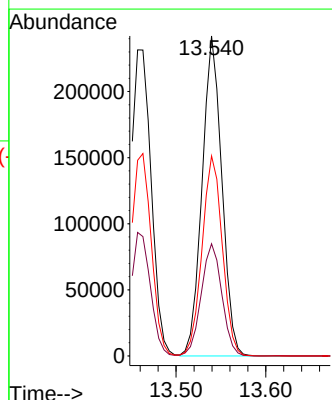
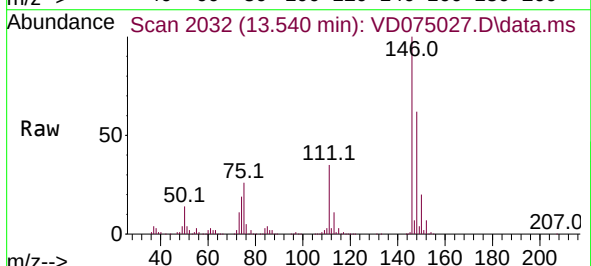
Tgt Ion:146 Resp: 369706

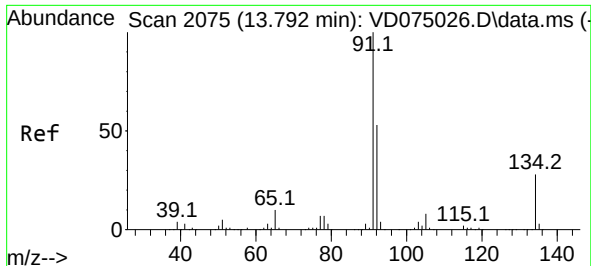
Ion Ratio Lower Upper

146 100

111 36.6 18.6 55.6

148 64.1 32.0 96.2

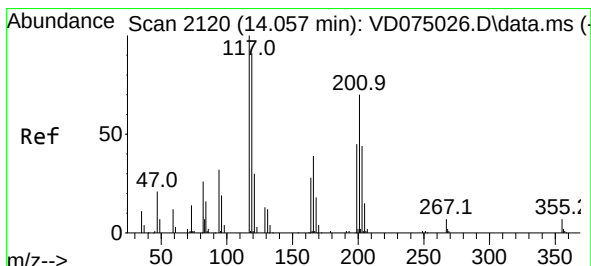
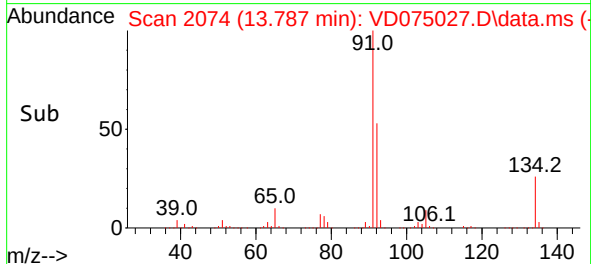
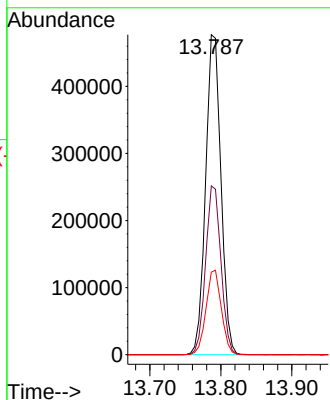
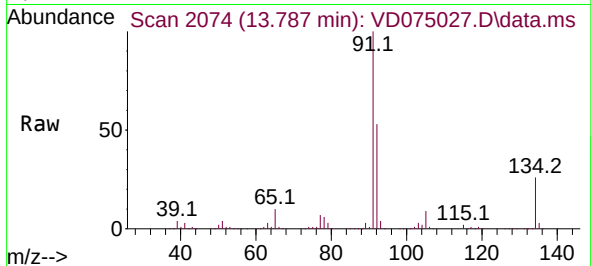




#89
n-Butylbenzene
Concen: 101.178 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

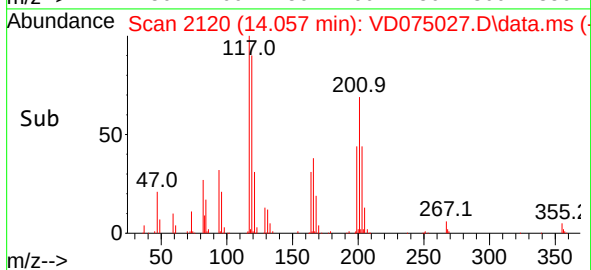
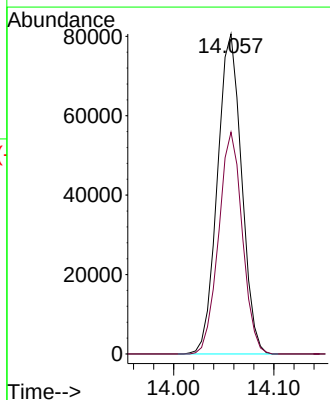
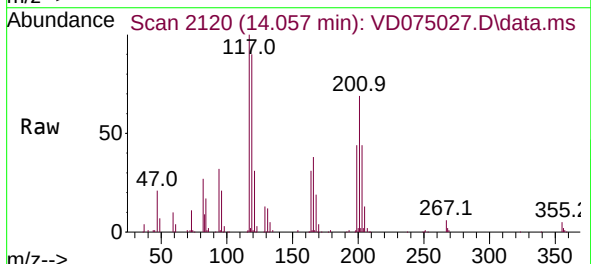
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

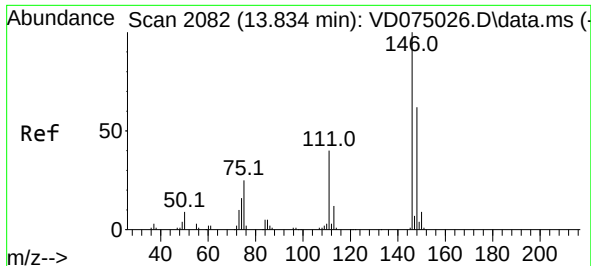
Tgt Ion: 91 Resp: 716618
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.3
134 26.4 13.3 39.8



#90
Hexachloroethane
Concen: 99.516 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 117 Resp: 135100
Ion Ratio Lower Upper
117 100
201 67.8 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 96.602 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

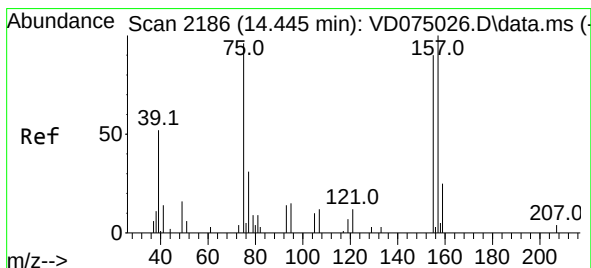
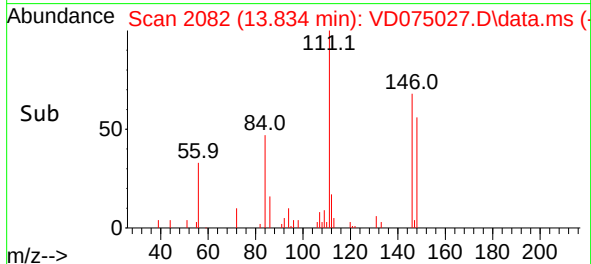
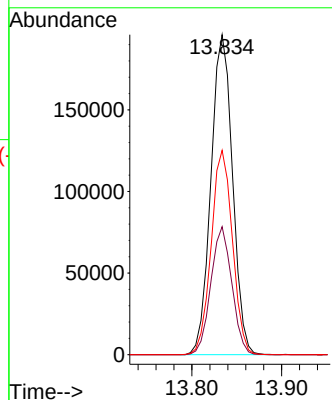
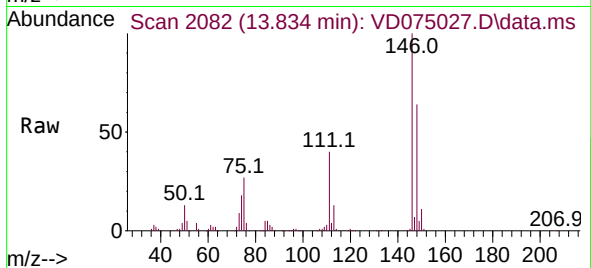
Tgt Ion:146 Resp: 327596

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 63.0 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.110 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

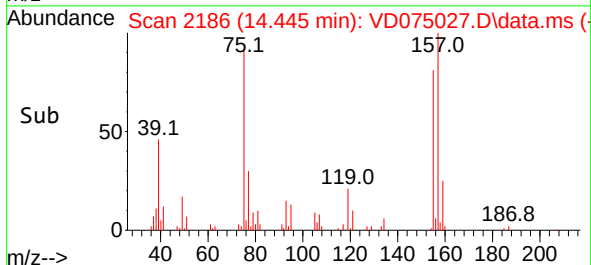
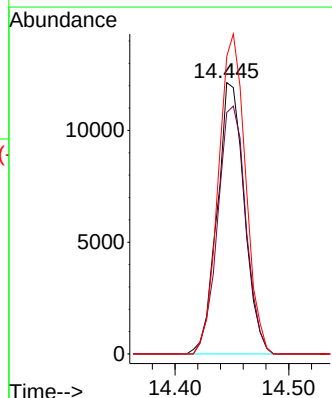
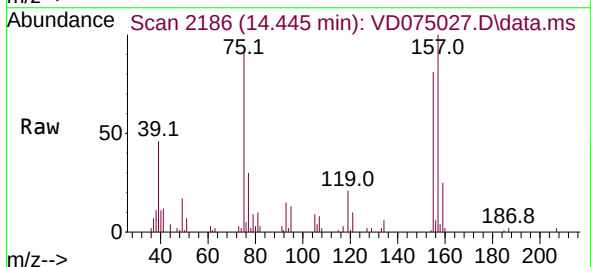
Tgt Ion: 75 Resp: 20114

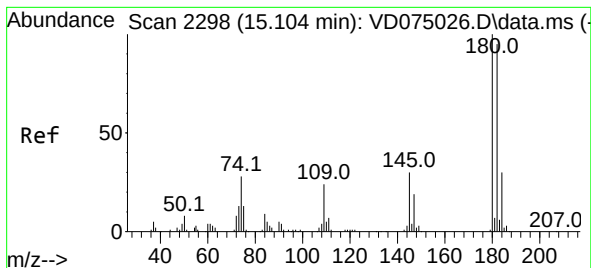
Ion Ratio Lower Upper

75 100

155 94.5 47.1 141.4

157 118.0 56.7 170.1





#93

1,2,4-Trichlorobenzene

Concen: 100.740 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

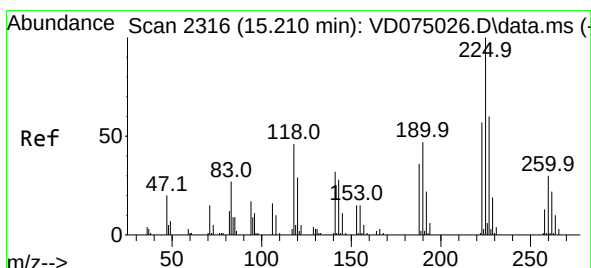
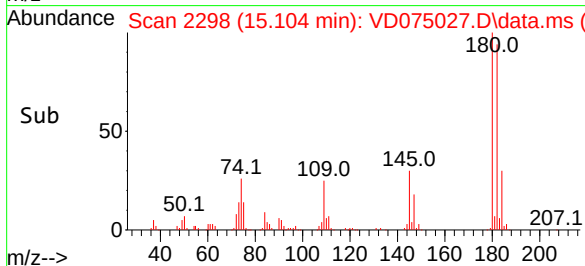
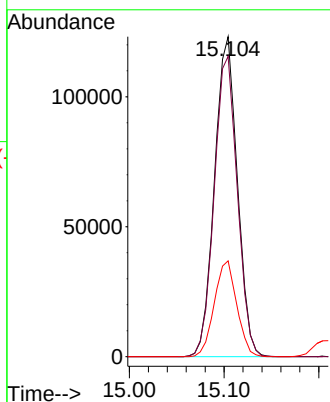
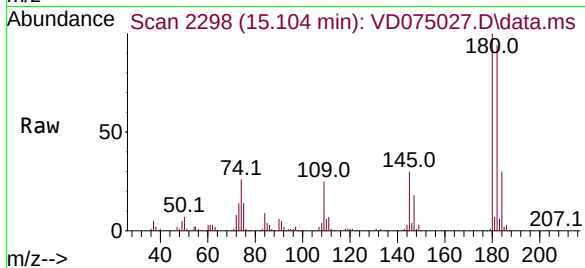
Tgt Ion:180 Resp: 206199

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.5

145 29.5 14.9 44.5



#94

Hexachlorobutadiene

Concen: 98.978 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

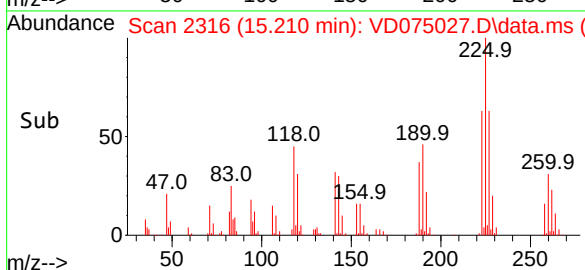
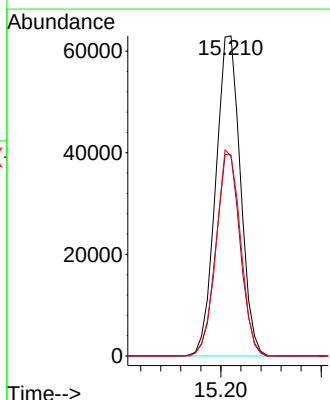
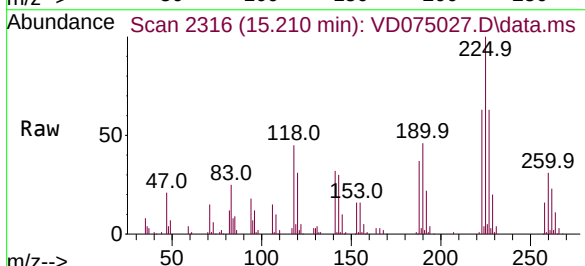
Tgt Ion:225 Resp: 107519

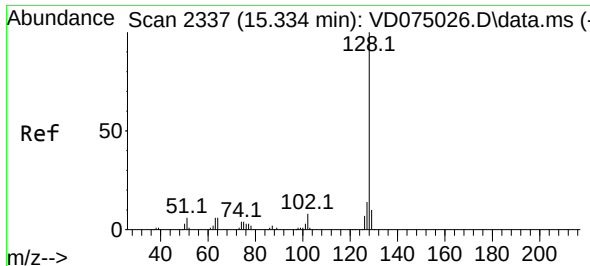
Ion Ratio Lower Upper

225 100

223 62.3 31.0 93.0

227 63.7 31.0 93.0

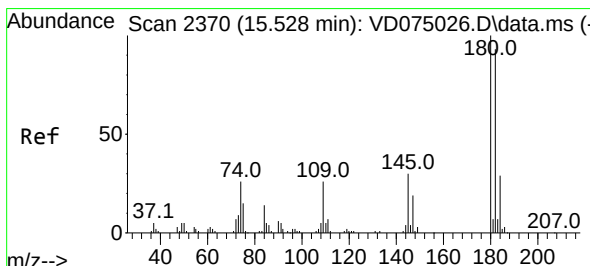
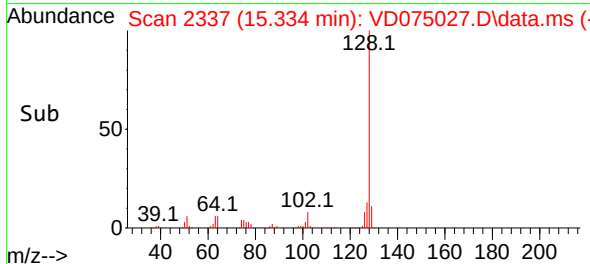
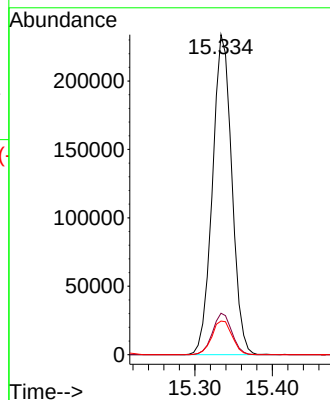
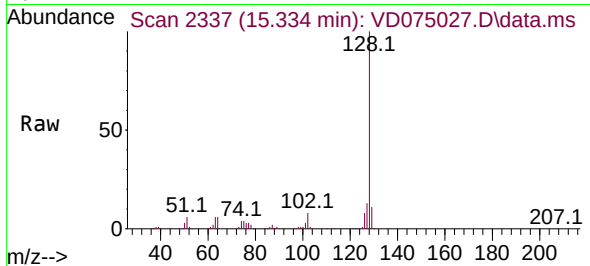




#95
Naphthalene
Concen: 106.788 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:	128	Resp:	407327
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 100.595 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075027.D
Acq: 15 Dec 2022 14:36

Tgt Ion:	180	Resp:	180184
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.3	138.9
145	31.5	15.3	45.9

