

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080473.D
 Acq On : 26 Jun 2025 10:17
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 27 04:58:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 04:51:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	517534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	933195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	801394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	362342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	50973	10.047	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.100%#
35) Dibromofluoromethane	7.806	113	52249	9.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.000%#
50) Toluene-d8	10.270	98	215582	10.212	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.420%#
62) 4-Bromofluorobenzene	12.570	95	72956	10.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.080%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	47392	10.301	ug/l	98
3) Chloromethane	2.147	50	64909	10.102	ug/l	96
4) Vinyl Chloride	2.282	62	63036	9.671	ug/l	96
5) Bromomethane	2.694	94	35109	9.745	ug/l	94
6) Chloroethane	2.841	64	42601	10.412	ug/l	93
7) Trichlorofluoromethane	3.176	101	81424	9.930	ug/l	97
8) Diethyl Ether	3.594	74	31925	10.002	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.976	101	54359	10.021	ug/l	99
10) Methyl Iodide	4.159	142	55365	8.667	ug/l	99
11) Tert butyl alcohol	5.041	59	20911	50.619	ug/l	96
12) 1,1-Dichloroethene	3.935	96	58225	9.941	ug/l	97
13) Acrolein	3.800	56	28866	51.276	ug/l	96
14) Allyl chloride	4.565	41	101590	9.906	ug/l	99
15) Acrylonitrile	5.253	53	73450	48.364	ug/l	99
16) Acetone	4.023	43	76629	58.456	ug/l	99
17) Carbon Disulfide	4.276	76	174681	9.444	ug/l	100
18) Methyl Acetate	4.559	43	38057	9.544	ug/l	99
19) Methyl tert-butyl Ether	5.312	73	143687	9.871	ug/l	99
20) Methylene Chloride	4.794	84	91792	10.268	ug/l	92
21) trans-1,2-Dichloroethene	5.312	96	64534	9.878	ug/l	94
22) Diisopropyl ether	6.217	45	197014	9.949	ug/l	98
23) Vinyl Acetate	6.153	43	561930	49.801	ug/l	100
24) 1,1-Dichloroethane	6.112	63	116705	10.044	ug/l	97
25) 2-Butanone	7.082	43	103999	54.053	ug/l	97
26) 2,2-Dichloropropane	7.070	77	94693	10.298	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	77512	9.925	ug/l	99
28) Bromochloromethane	7.423	49	44319	9.675	ug/l	98
29) Tetrahydrofuran	7.447	42	58375	48.159	ug/l	95
30) Chloroform	7.594	83	109302	9.827	ug/l	99
31) Cyclohexane	7.876	56	112443	9.987	ug/l #	92
32) 1,1,1-Trichloroethane	7.794	97	91680	9.859	ug/l	99
36) 1,1-Dichloropropene	8.006	75	81843	10.028	ug/l	98
37) Ethyl Acetate	7.164	43	37622	9.516	ug/l #	93
38) Carbon Tetrachloride	7.988	117	77653	9.959	ug/l	97
39) Methylcyclohexane	9.276	83	113455	10.097	ug/l	99
40) Benzene	8.253	78	260494	9.945	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	23040	9.088	ug/l #	89
42) 1,2-Dichloroethane	8.323	62	62259	10.104	ug/l	96
43) Isopropyl Acetate	8.364	43	78531	10.060	ug/l	98
44) Trichloroethene	9.029	130	64161	10.107	ug/l	98
45) 1,2-Dichloropropane	9.306	63	63123	9.937	ug/l	96
46) Dibromomethane	9.394	93	33726	9.957	ug/l	98
47) Bromodichloromethane	9.582	83	84783	10.097	ug/l	95
48) Methyl methacrylate	9.376	41	37414	9.474	ug/l	96
49) 1,4-Dioxane	9.382	88	9284	211.290	ug/l	94
51) 4-Methyl-2-Pentanone	10.158	43	200864	50.670	ug/l	98
52) Toluene	10.329	92	164045	10.020	ug/l	99
53) t-1,3-Dichloropropene	10.553	75	83101	9.881	ug/l	96
54) cis-1,3-Dichloropropene	10.017	75	100445	9.941	ug/l	98
55) 1,1,2-Trichloroethane	10.735	97	46774	10.130	ug/l	96
56) Ethyl methacrylate	10.600	69	65174	9.889	ug/l	98
57) 1,3-Dichloropropane	10.876	76	80685	9.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	127865	50.799	ug/l	97
59) 2-Hexanone	10.917	43	147545	52.589	ug/l	100
60) Dibromochloromethane	11.070	129	56735	9.955	ug/l	98
61) 1,2-Dibromoethane	11.176	107	44006	9.968	ug/l	95
64) Tetrachloroethene	10.811	164	48718	9.795	ug/l	98
65) Chlorobenzene	11.605	112	174235	10.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.676	131	54186	9.975	ug/l	98
67) Ethyl Benzene	11.682	91	306735	10.146	ug/l	100
68) m/p-Xylenes	11.794	106	232682	20.213	ug/l	100
69) o-Xylene	12.117	106	111704	10.056	ug/l	99
70) Styrene	12.129	104	190865	10.158	ug/l	99
71) Bromoform	12.299	173	32118	10.382	ug/l #	99
73) Isopropylbenzene	12.417	105	287314	10.200	ug/l	99
74) N-amyl acetate	12.229	43	74762	10.137	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	53775	10.253	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	68883	22.190	ug/l #	100
77) Bromobenzene	12.699	156	63212	10.035	ug/l	99
78) n-propylbenzene	12.758	91	340471	10.041	ug/l	99
79) 2-Chlorotoluene	12.846	91	196625	10.083	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	228232	9.992	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	20779	10.025	ug/l	94
82) 4-Chlorotoluene	12.941	91	207379	10.353	ug/l	100
83) tert-Butylbenzene	13.164	119	204041	10.213	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	233310	10.231	ug/l	100
85) sec-Butylbenzene	13.341	105	301609	10.221	ug/l	100
86) p-Isopropyltoluene	13.458	119	250023	10.239	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	123301	10.121	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	124529	10.241	ug/l	97
89) n-Butylbenzene	13.782	91	237427	10.130	ug/l	98
90) Hexachloroethane	14.052	117	46840	9.928	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	107303	10.006	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	7983	10.092	ug/l	93
93) 1,2,4-Trichlorobenzene	15.093	180	67655	10.069	ug/l	98
94) Hexachlorobutadiene	15.199	225	30969	9.984	ug/l	99
95) Naphthalene	15.329	128	147638	9.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	57516	9.955	ug/l	98

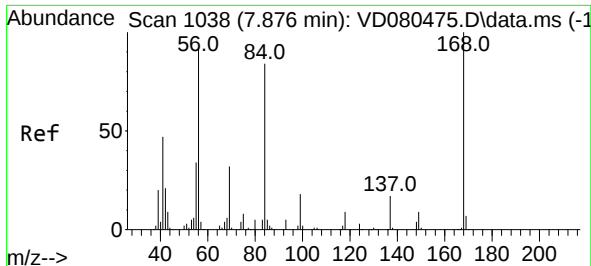
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Response via : Initial Calibration

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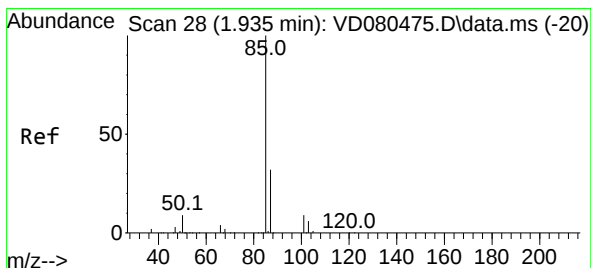
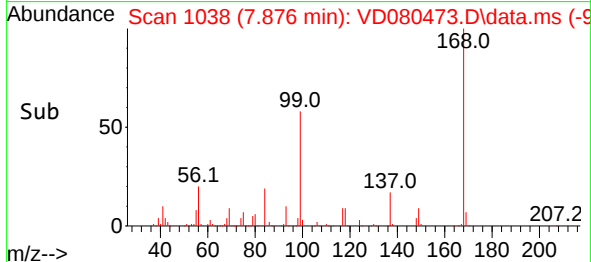
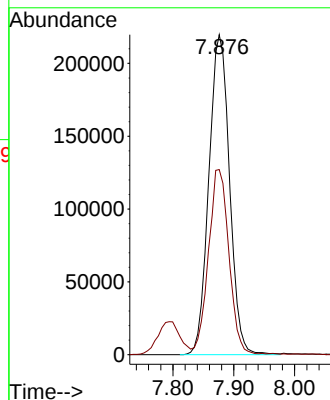
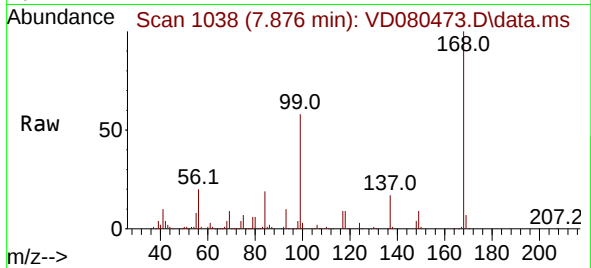
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

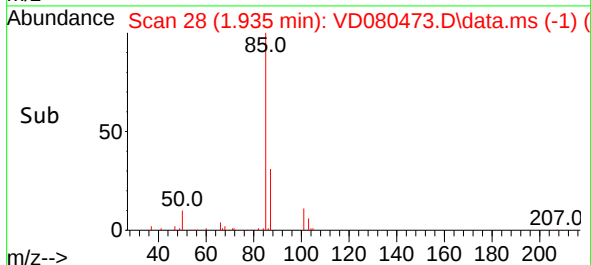
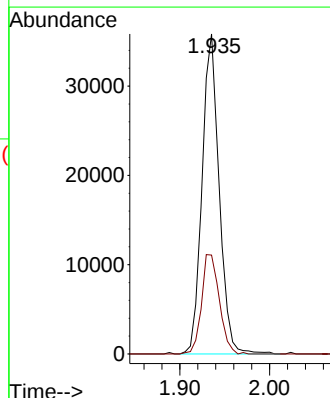
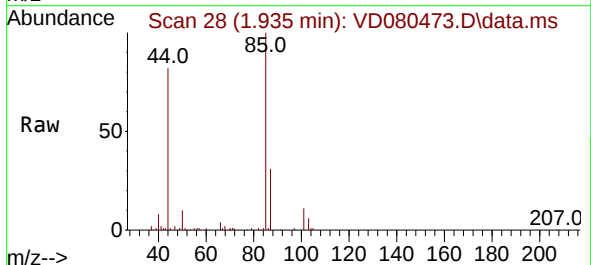
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

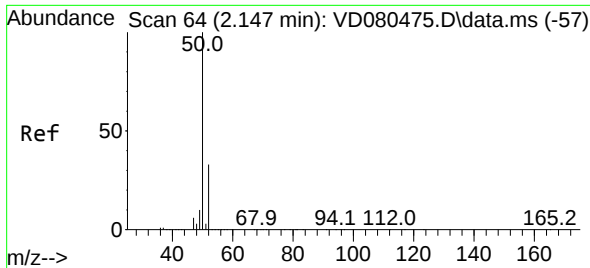
Tgt Ion:168 Resp: 517534
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 10.301 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 85 Resp: 47392
Ion Ratio Lower Upper
85 100
87 30.9 16.0 47.9

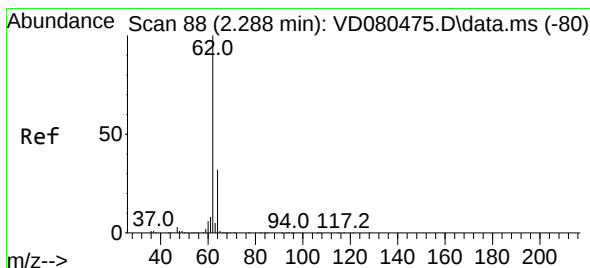
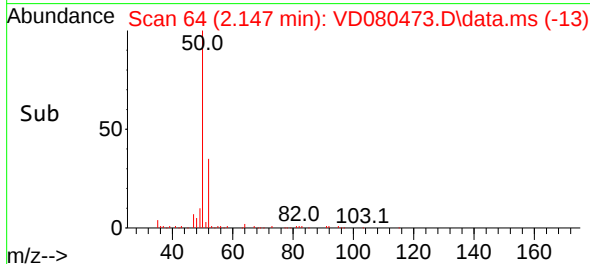
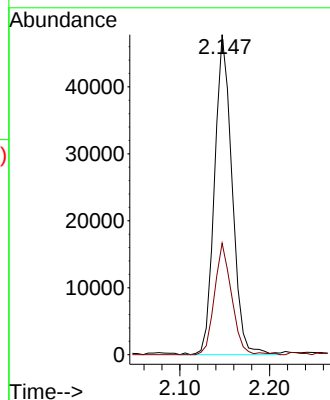
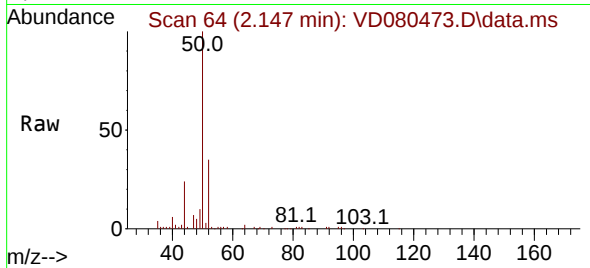




#3
Chloromethane
Concen: 10.102 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

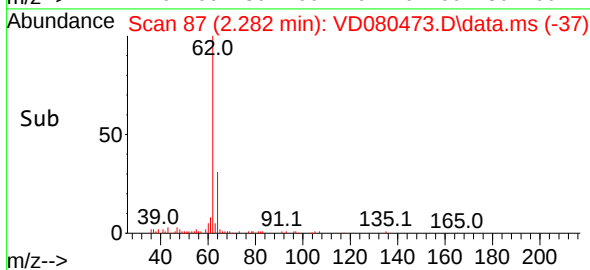
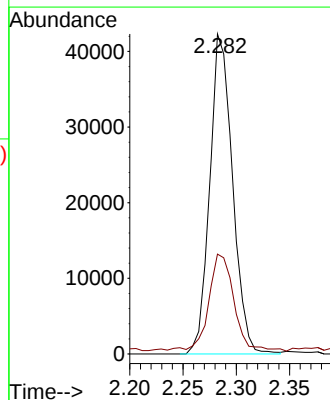
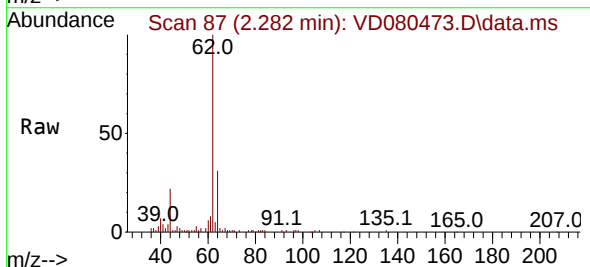
Instrument :
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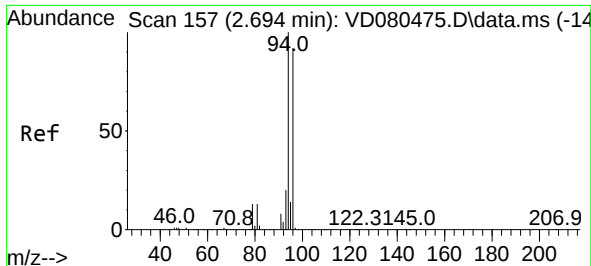
Tgt Ion: 50 Resp: 64909
Ion Ratio Lower Upper
50 100
52 34.8 26.1 39.1



#4
Vinyl Chloride
Concen: 9.671 ug/l
RT: 2.282 min Scan# 87
Delta R.T. -0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 62 Resp: 63036
Ion Ratio Lower Upper
62 100
64 29.6 25.5 38.3

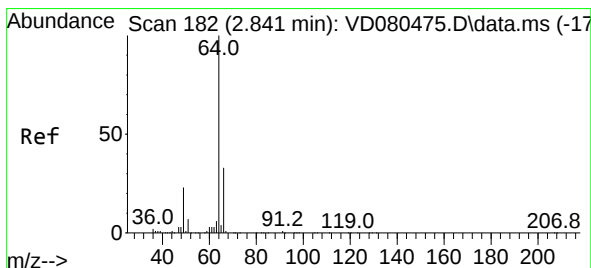
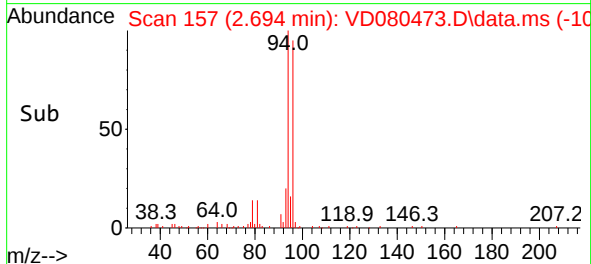
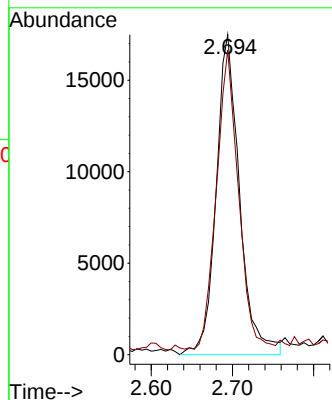
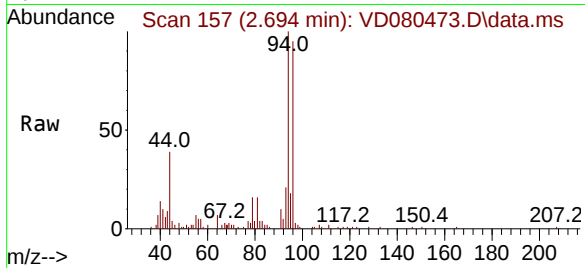




#5
Bromomethane
Concen: 9.745 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

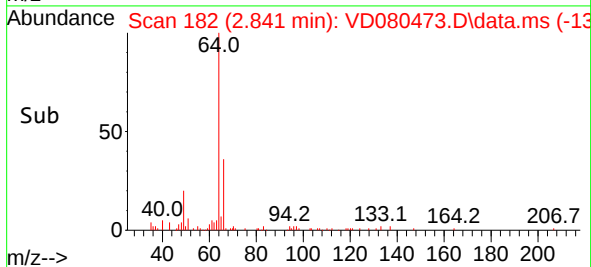
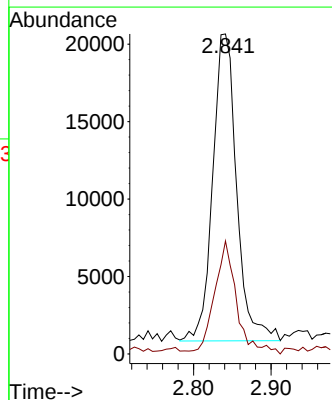
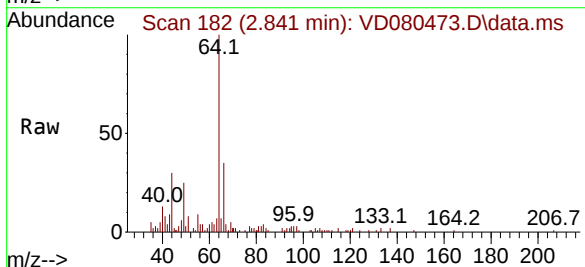
Instrument :
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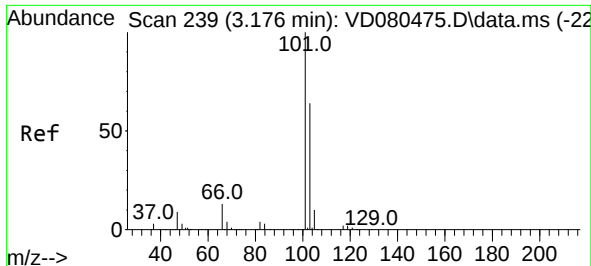
Tgt Ion: 94 Resp: 35109
Ion Ratio Lower Upper
94 100
96 87.5 74.8 112.2



#6
Chloroethane
Concen: 10.412 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 64 Resp: 42601
Ion Ratio Lower Upper
64 100
66 36.8 26.3 39.5

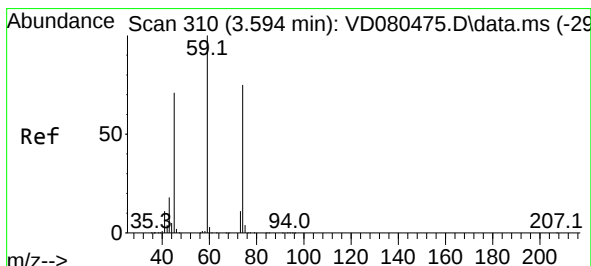
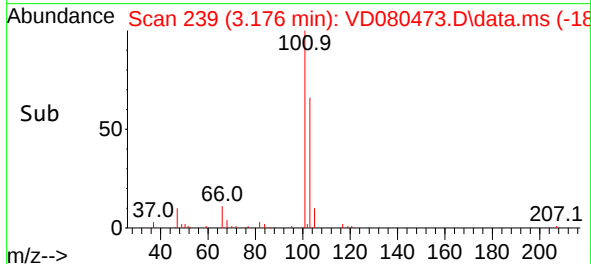
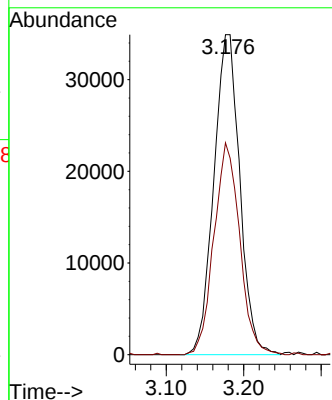
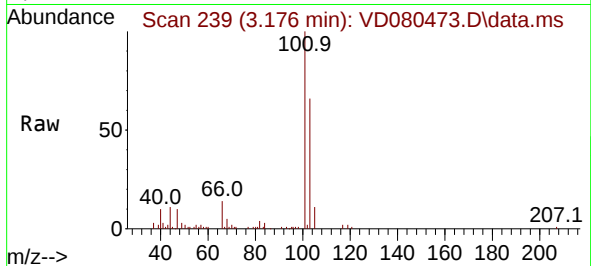




#7
 Trichlorofluoromethane
 Concen: 9.930 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

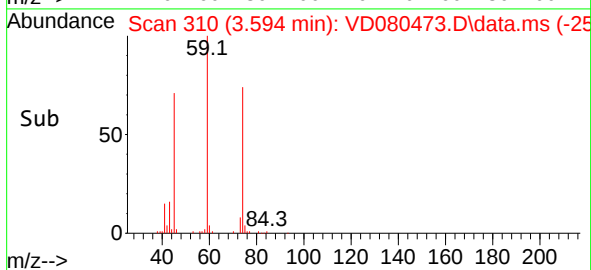
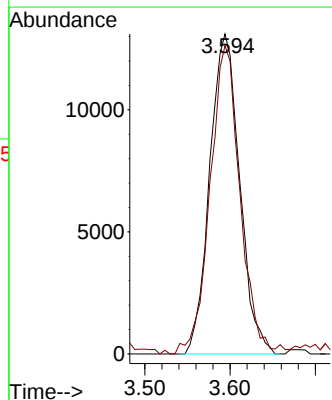
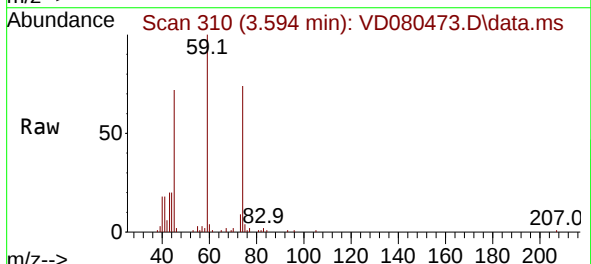
Instrument :
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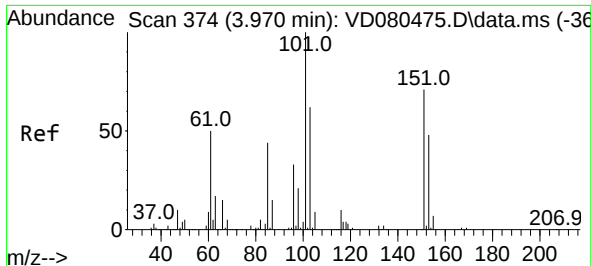
Tgt Ion:101 Resp: 81424
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.3 76.9



#8
 Diethyl Ether
 Concen: 10.002 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

Tgt Ion: 74 Resp: 31925
 Ion Ratio Lower Upper
 74 100
 45 96.0 46.6 139.8

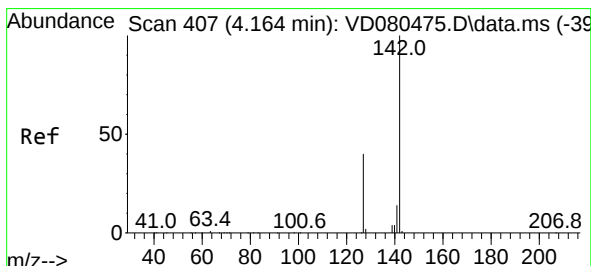
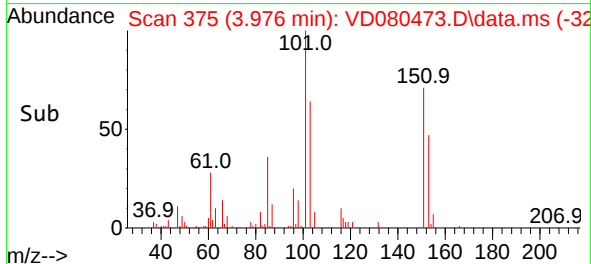
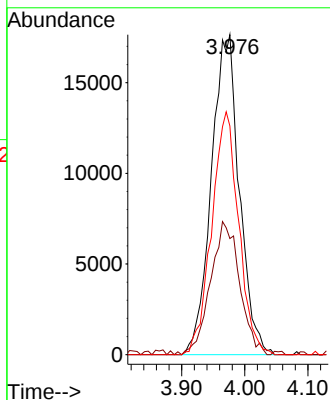
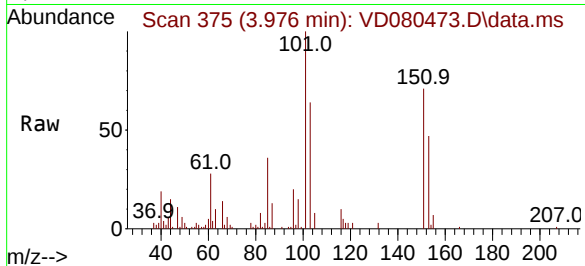




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.021 ug/l
RT: 3.976 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

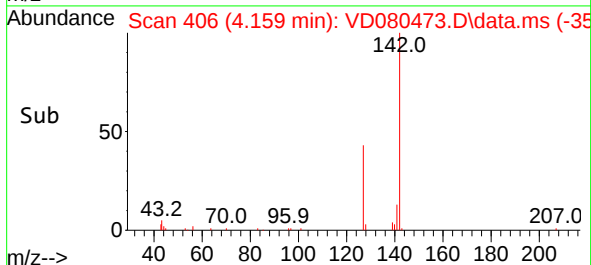
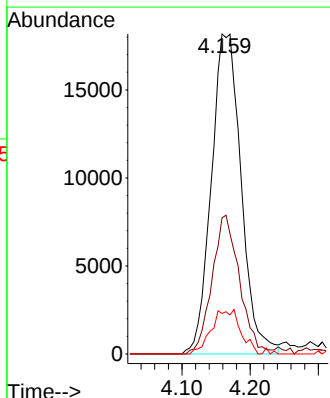
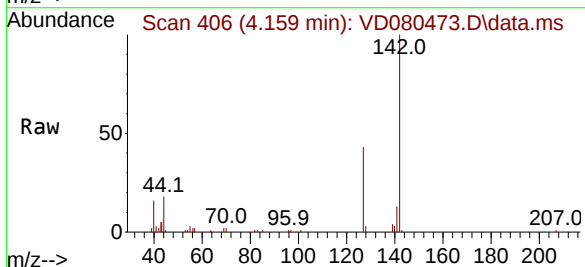
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

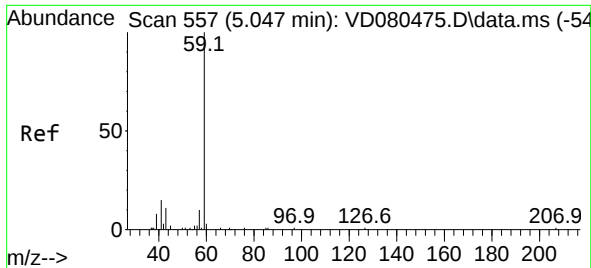
Tgt Ion:101 Resp: 54359
Ion Ratio Lower Upper
101 100
85 43.3 34.0 51.0
151 73.3 58.4 87.6



#10
Methyl Iodide
Concen: 8.667 ug/l
RT: 4.159 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion:142 Resp: 55365
Ion Ratio Lower Upper
142 100
127 40.0 32.6 49.0
141 13.5 11.1 16.7

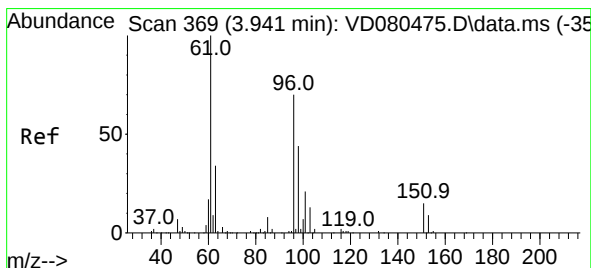
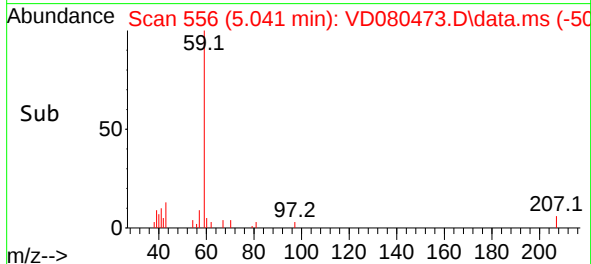
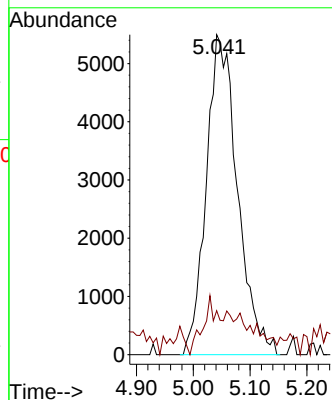
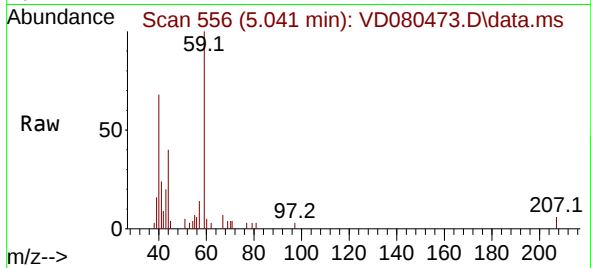




#11
Tert butyl alcohol
Concen: 50.619 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

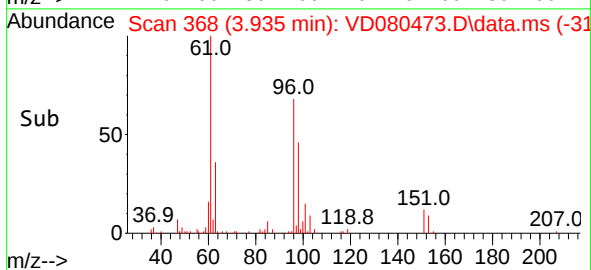
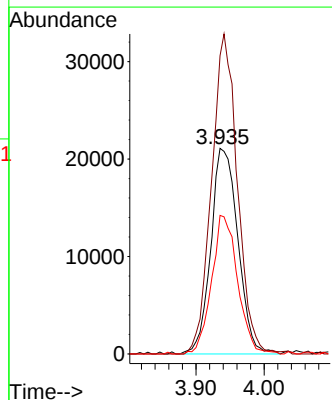
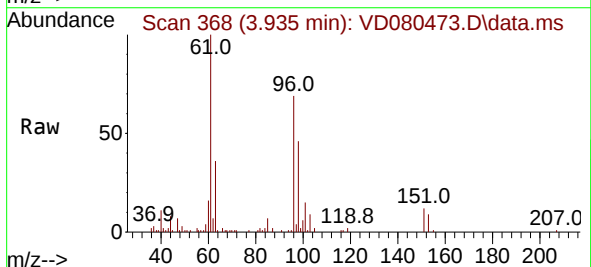
Instrument :
MSVOA_D
ClientSampleId :
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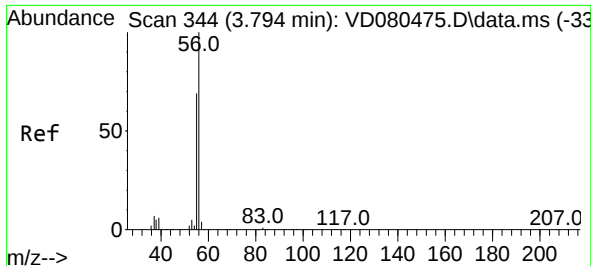
Tgt Ion: 59 Resp: 20911
Ion Ratio Lower Upper
59 100
57 9.4 8.8 13.2



#12
1,1-Dichloroethene
Concen: 9.941 ug/l
RT: 3.935 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 96 Resp: 58225
Ion Ratio Lower Upper
96 100
61 145.1 114.9 172.3
98 67.4 50.5 75.7

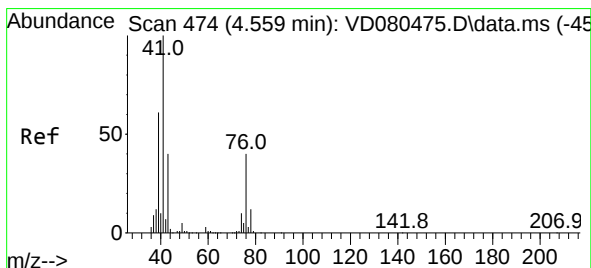
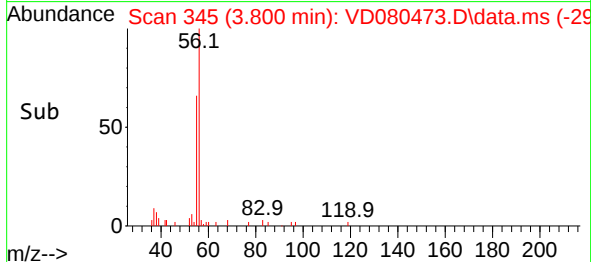
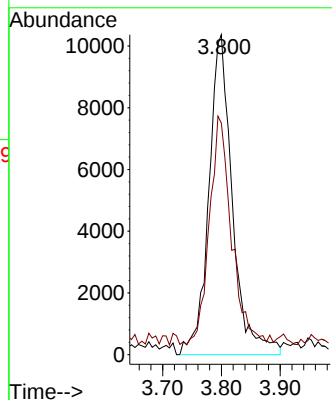
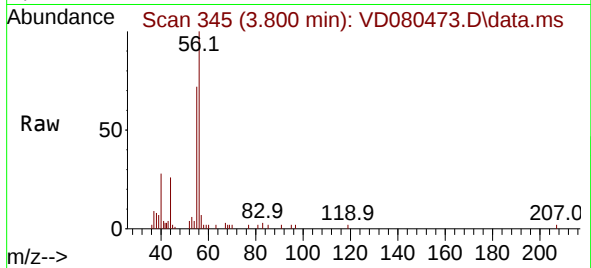




#13
Acrolein
Concen: 51.276 ug/l
RT: 3.800 min Scan# 344
Delta R.T. 0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

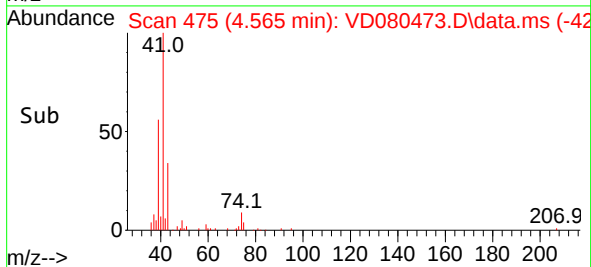
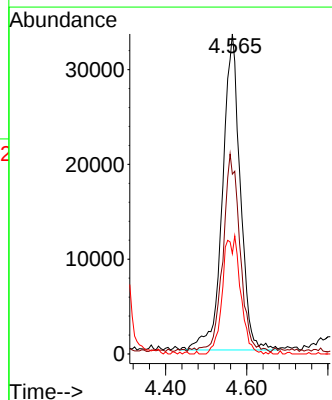
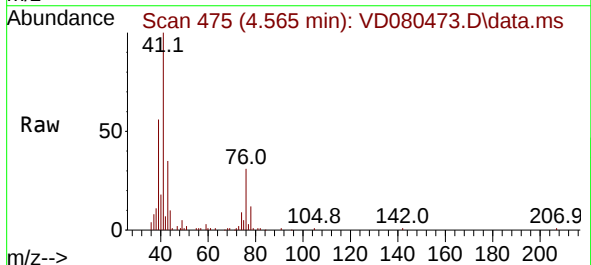
Instrument :
MSVOA_D
ClientSampleId :
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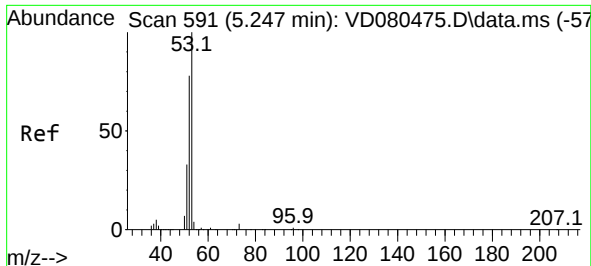
Tgt Ion: 56 Resp: 28866
Ion Ratio Lower Upper
56 100
55 66.8 56.2 84.2



#14
Allyl chloride
Concen: 9.906 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 41 Resp: 101590
Ion Ratio Lower Upper
41 100
39 60.6 47.4 71.2
76 37.8 30.5 45.7

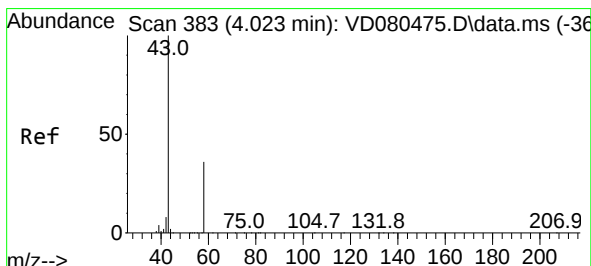
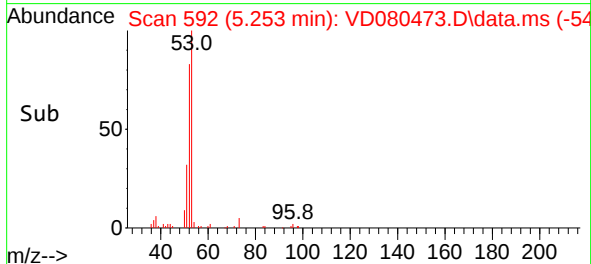
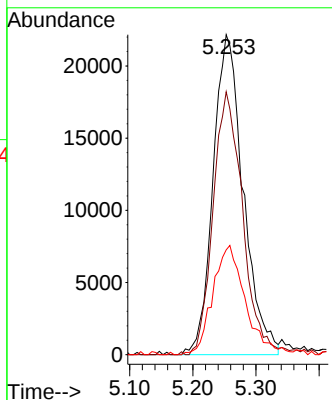
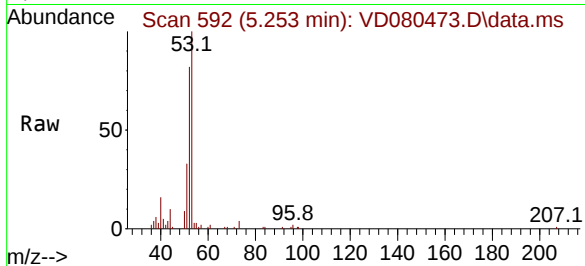




#15
Acrylonitrile
Concen: 48.364 ug/l
RT: 5.253 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

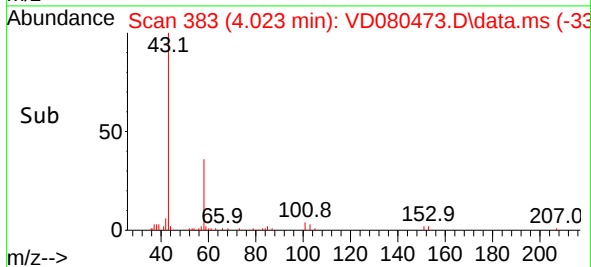
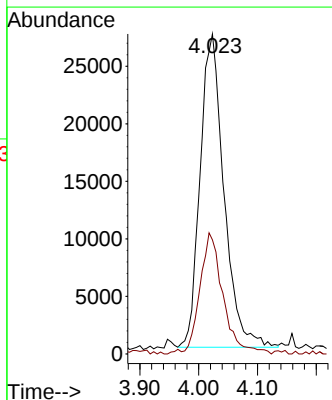
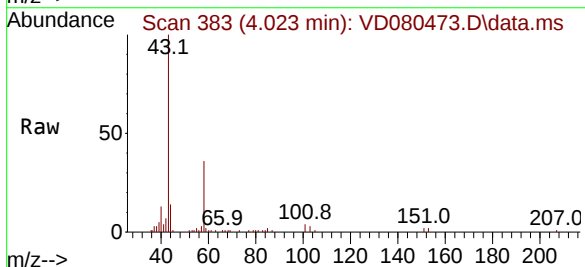
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

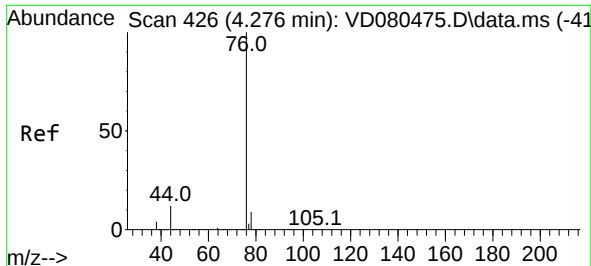
Tgt Ion: 53 Resp: 73450
Ion Ratio Lower Upper
53 100
52 80.8 64.7 97.1
51 36.9 27.9 41.9



#16
Acetone
Concen: 58.456 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 43 Resp: 76629
Ion Ratio Lower Upper
43 100
58 35.4 29.0 43.4

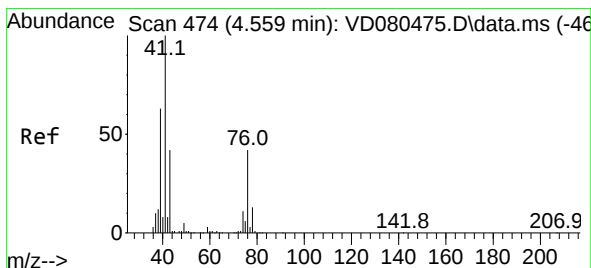
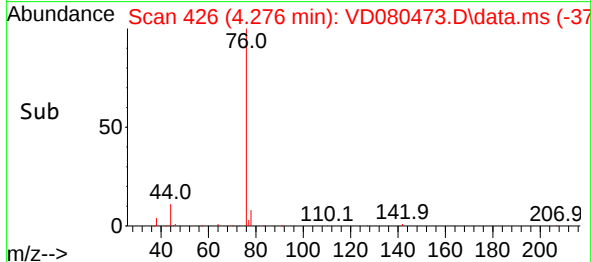
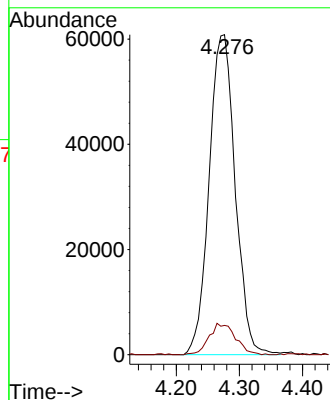
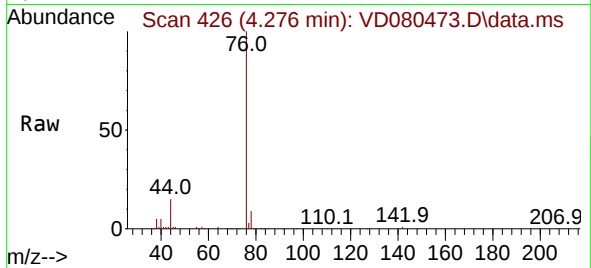




#17
Carbon Disulfide
Concen: 9.444 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

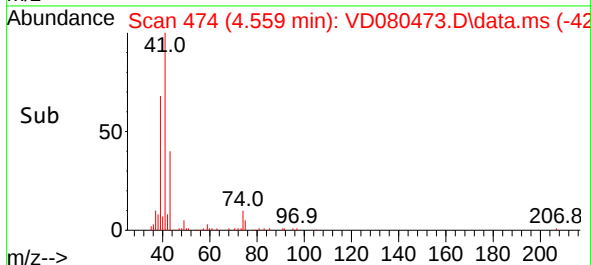
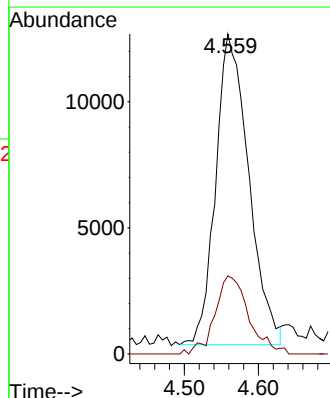
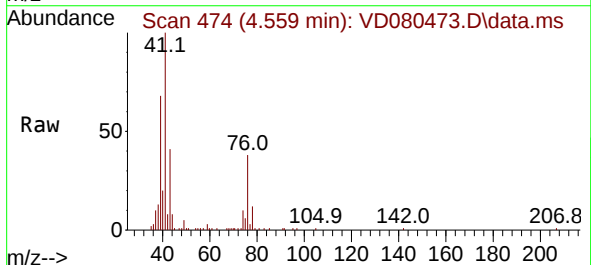
Instrument :
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ClientSampleId :
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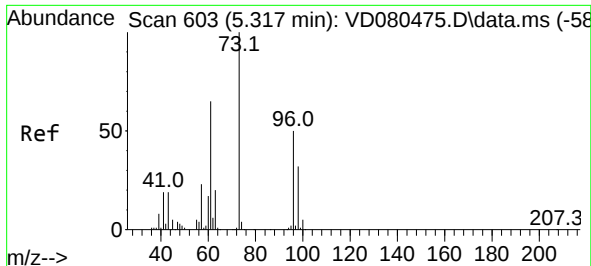
Tgt Ion: 76 Resp: 174681
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 9.544 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 43 Resp: 38057
Ion Ratio Lower Upper
43 100
74 25.8 20.4 30.6

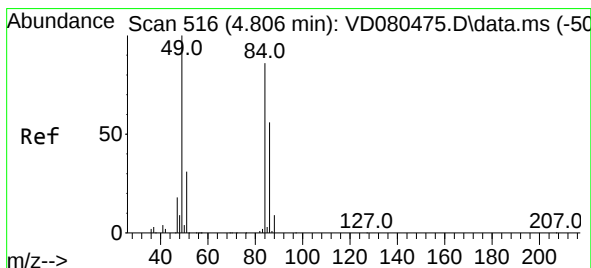
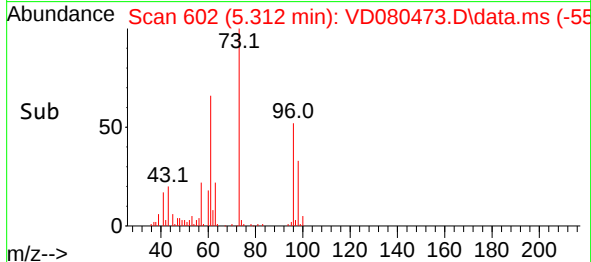
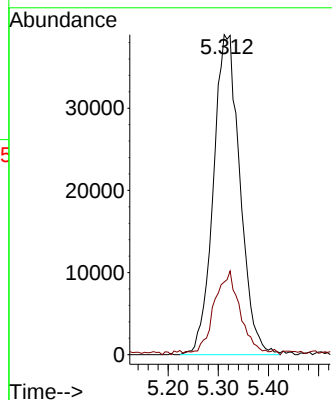
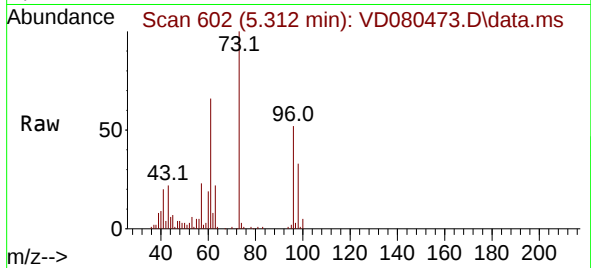




#19
Methyl tert-butyl Ether
Concen: 9.871 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

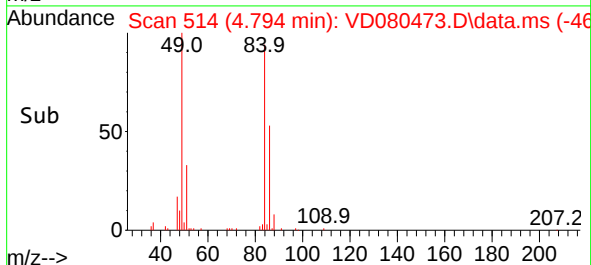
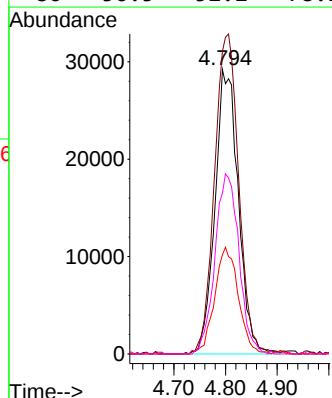
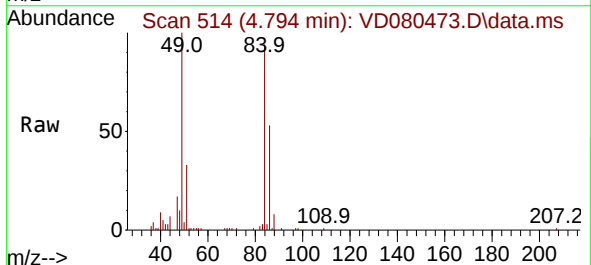
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

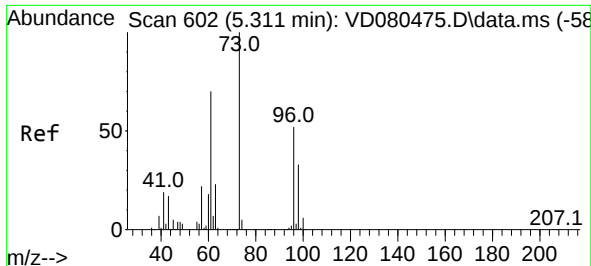
Tgt Ion: 73 Resp: 143687
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7



#20
Methylene Chloride
Concen: 10.268 ug/l
RT: 4.794 min Scan# 514
Delta R.T. -0.012 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 84 Resp: 91792
Ion Ratio Lower Upper
84 100
49 106.5 92.8 139.2
51 34.9 29.0 43.6
86 56.5 52.2 78.2

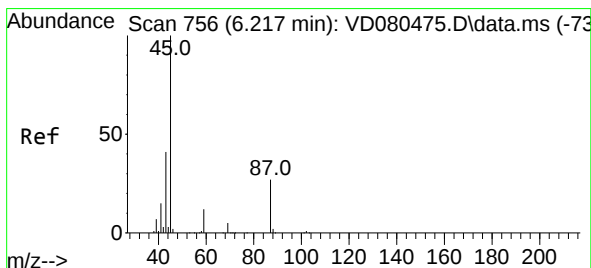
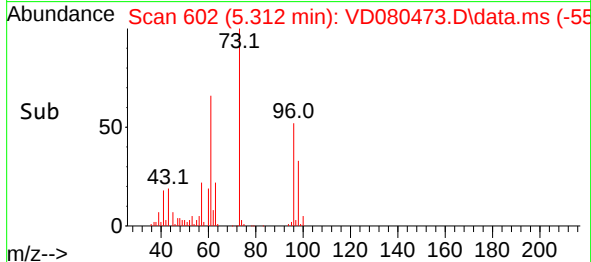
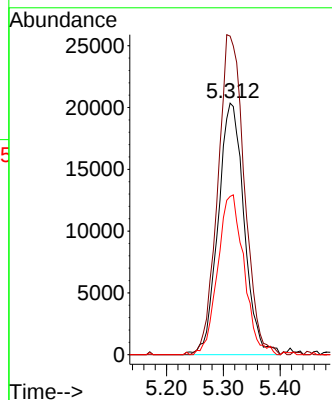
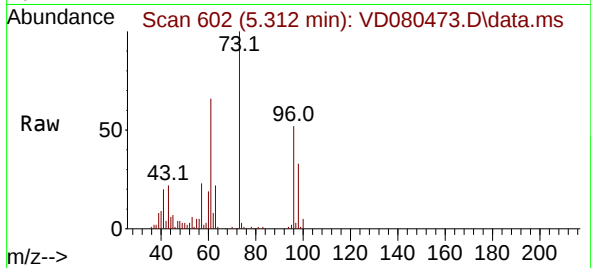




#21
trans-1,2-Dichloroethene
Concen: 9.878 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

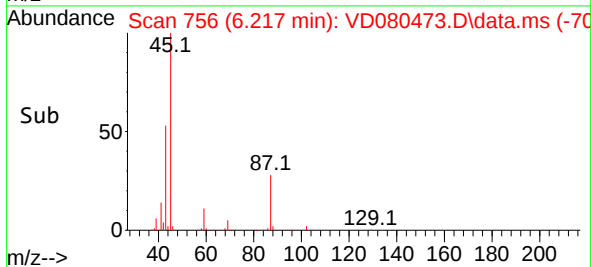
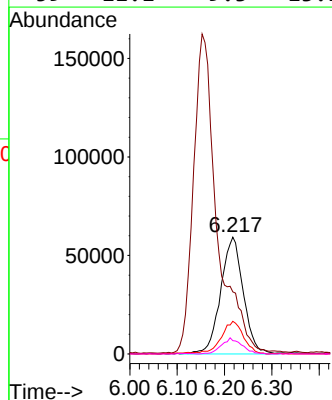
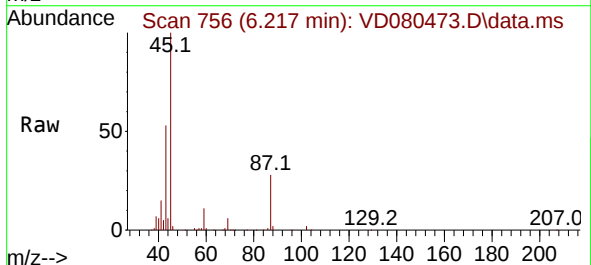
Instrument :
MSVOA_D
ClientSampleId :
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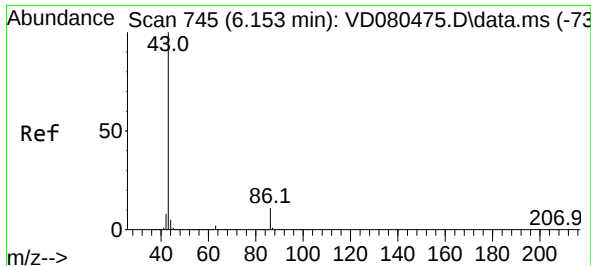
Tgt Ion: 96 Resp: 64534
Ion Ratio Lower Upper
96 100
61 126.6 108.6 163.0
98 62.9 51.5 77.3



#22
Diisopropyl ether
Concen: 9.949 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 45 Resp: 197014
Ion Ratio Lower Upper
45 100
43 50.9 39.5 59.3
87 27.5 22.3 33.5
59 11.1 9.3 13.9

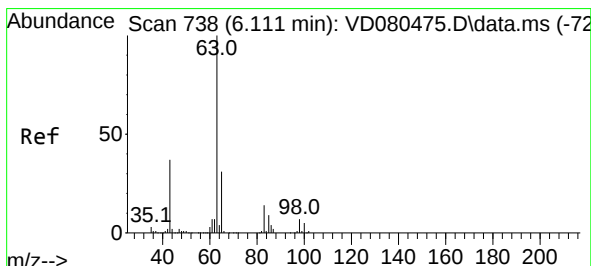
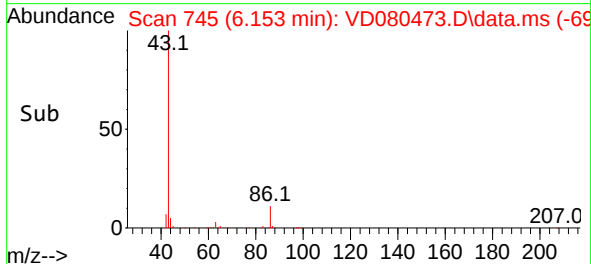
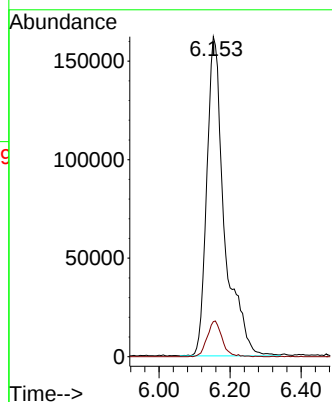
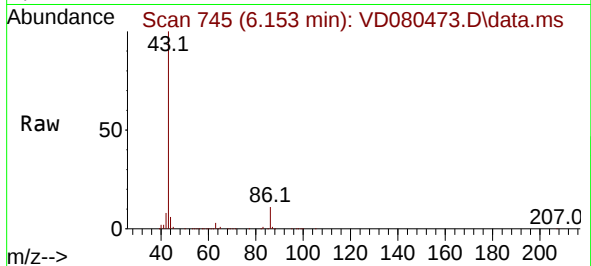




#23
 Vinyl Acetate
 Concen: 49.801 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

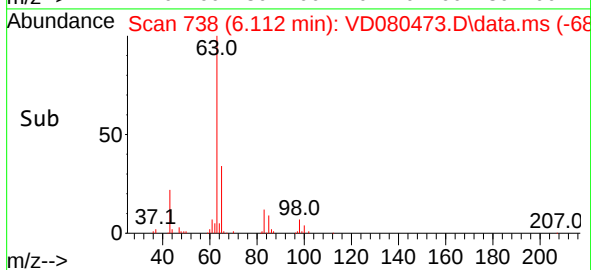
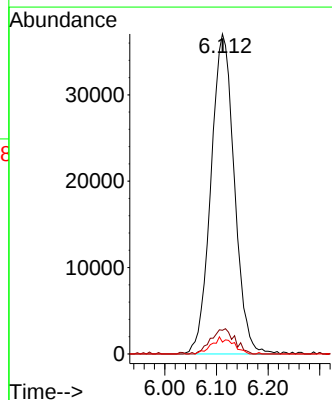
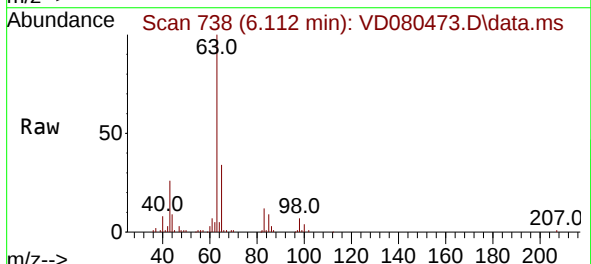
Instrument :
 MSVOA_D
 ClientSampleId :
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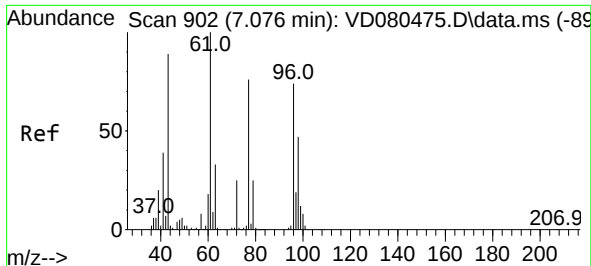
Tgt Ion: 43 Resp: 561930
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 10.044 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

Tgt Ion: 63 Resp: 116705
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 3.7 2.5 7.4

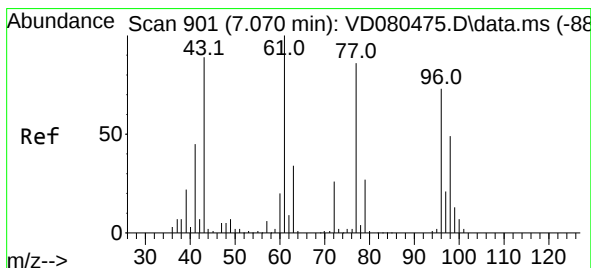
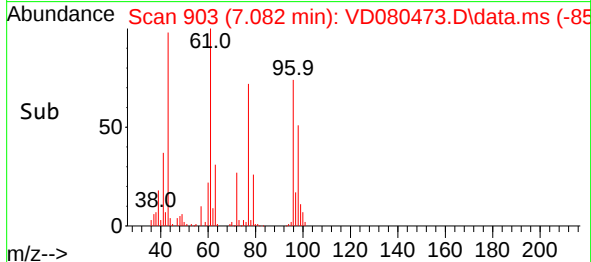
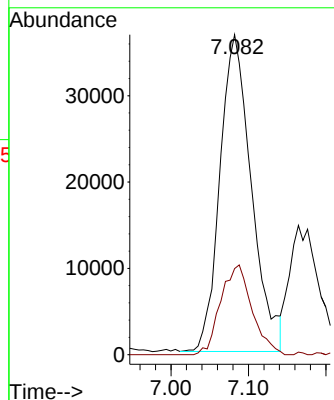
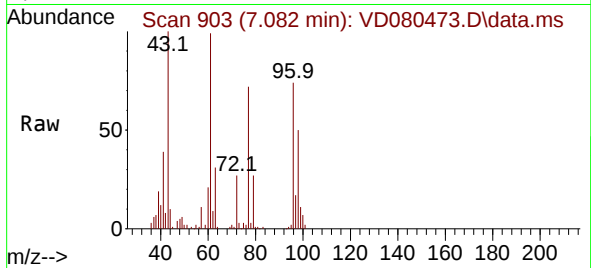




#25
2-Butanone
Concen: 54.053 ug/l
RT: 7.082 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

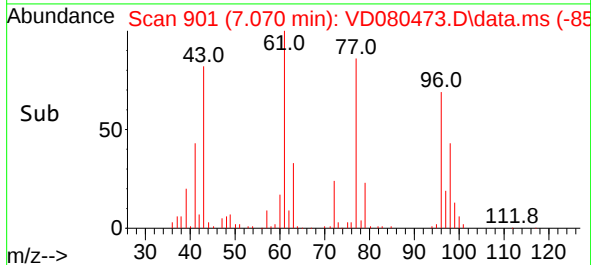
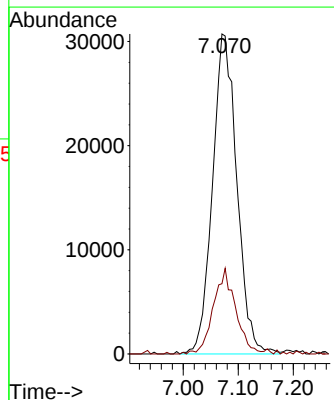
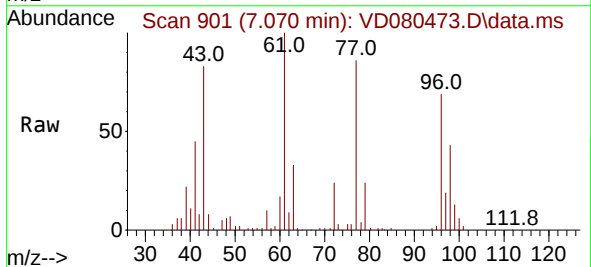
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

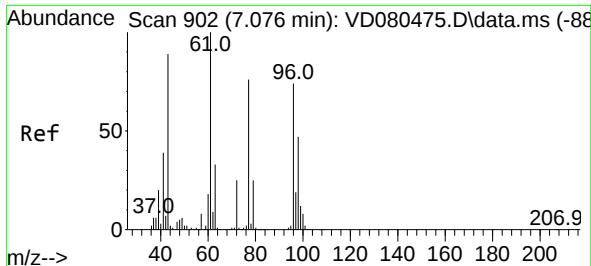
Tgt Ion: 43 Resp: 103999
Ion Ratio Lower Upper
43 100
72 27.2 22.8 34.2



#26
2,2-Dichloropropane
Concen: 10.298 ug/l
RT: 7.070 min Scan# 901
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 77 Resp: 94693
Ion Ratio Lower Upper
77 100
97 24.3 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 9.925 ug/l

RT: 7.082 min Scan# 902

Delta R.T. 0.006 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

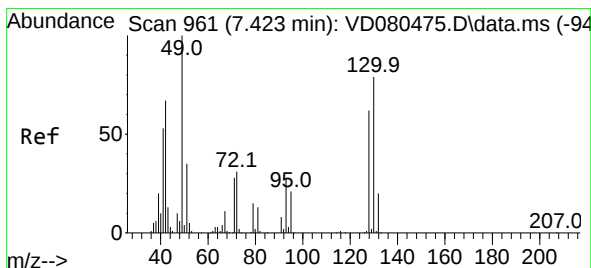
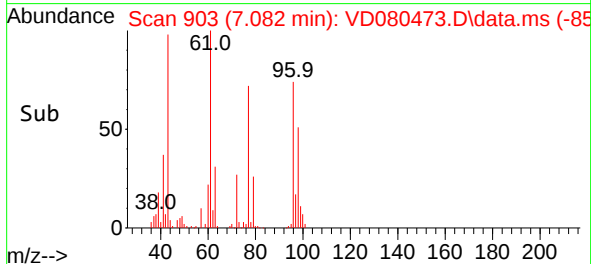
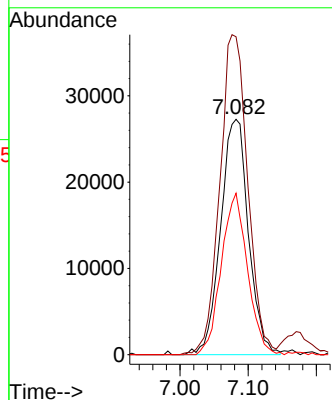
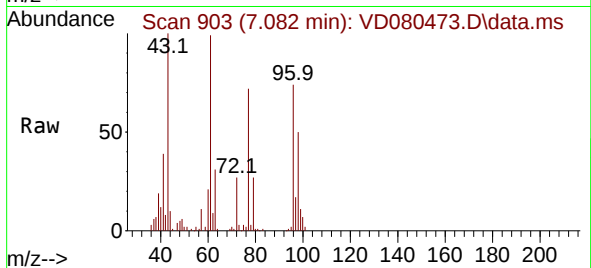
Tgt Ion: 96 Resp: 77512

Ion Ratio Lower Upper

96 100

61 136.4 0.0 274.6

98 64.5 0.0 128.0



#28

Bromochloromethane

Concen: 9.675 ug/l

RT: 7.423 min Scan# 961

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

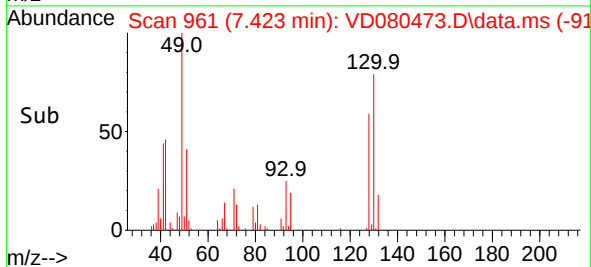
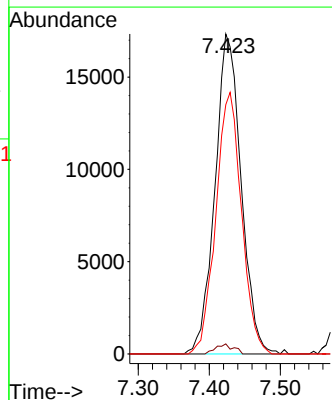
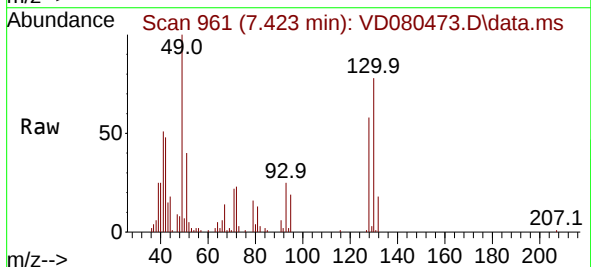
Tgt Ion: 49 Resp: 44319

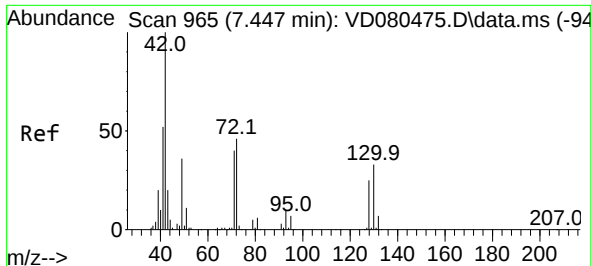
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 80.4 62.8 94.2

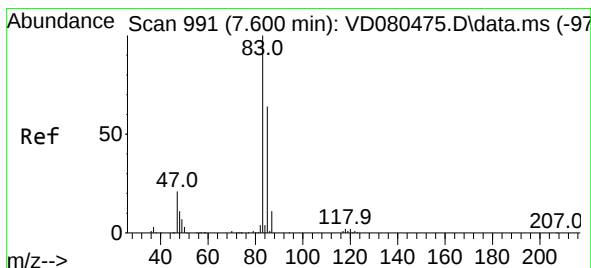
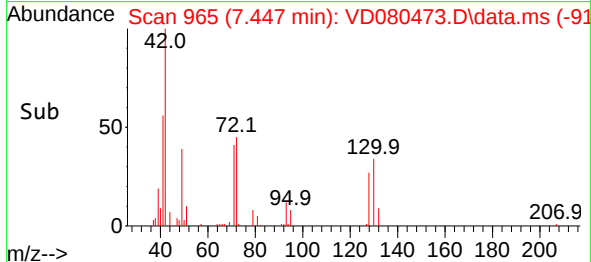
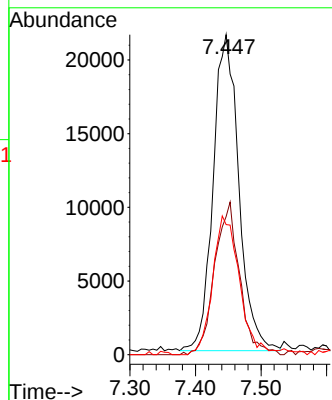
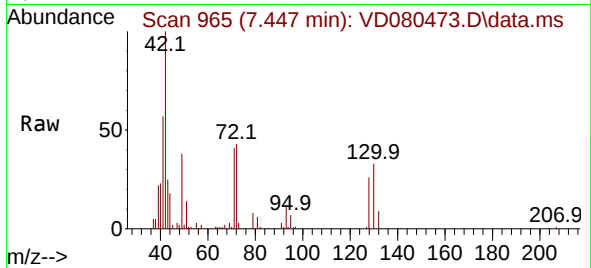




#29
Tetrahydrofuran
Concen: 48.159 ug/l
RT: 7.447 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

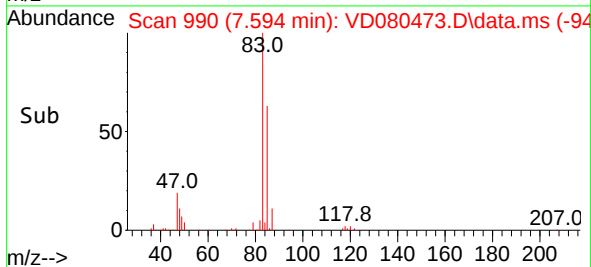
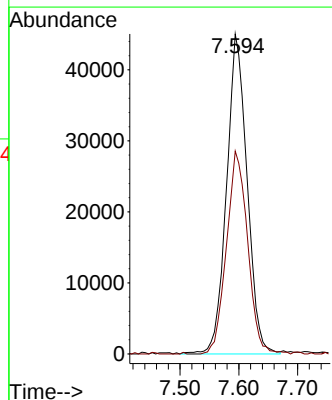
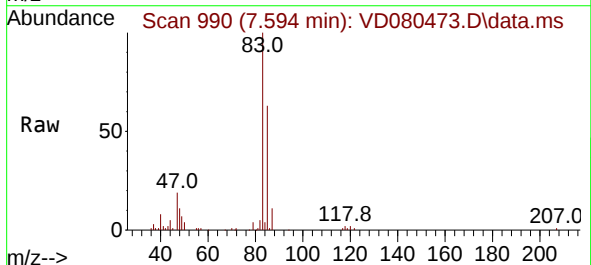
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

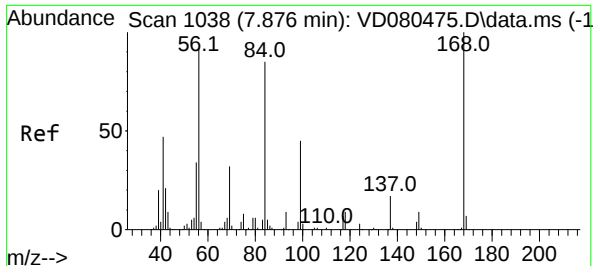
Tgt Ion: 42 Resp: 58375
Ion Ratio Lower Upper
42 100
72 46.9 35.9 53.9
71 45.7 33.2 49.8



#30
Chloroform
Concen: 9.827 ug/l
RT: 7.594 min Scan# 990
Delta R.T. -0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 83 Resp: 109302
Ion Ratio Lower Upper
83 100
85 63.4 51.2 76.8

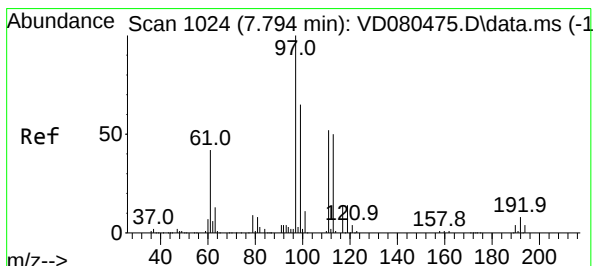
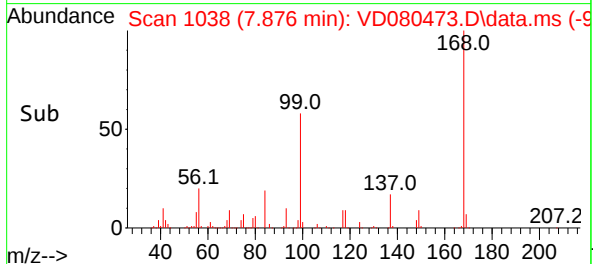
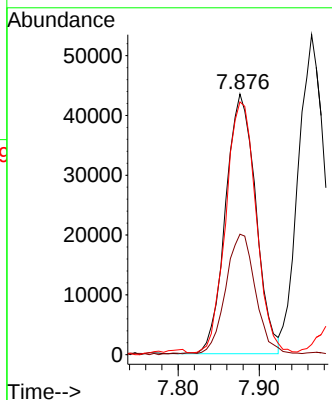
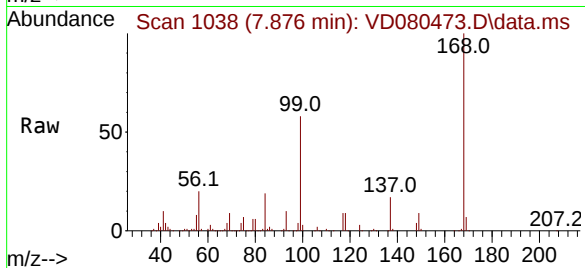




#31
Cyclohexane
Concen: 9.987 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

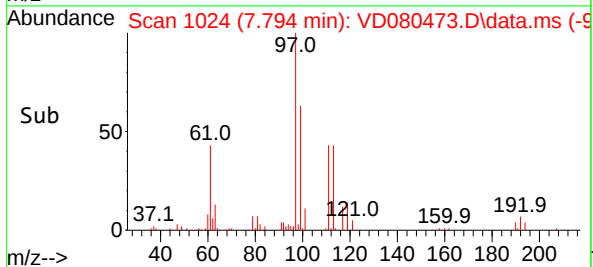
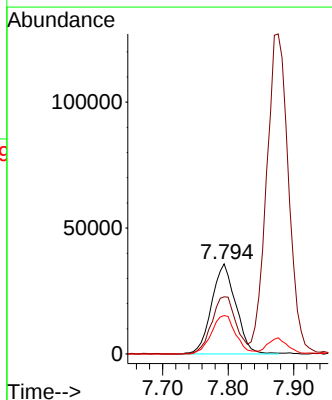
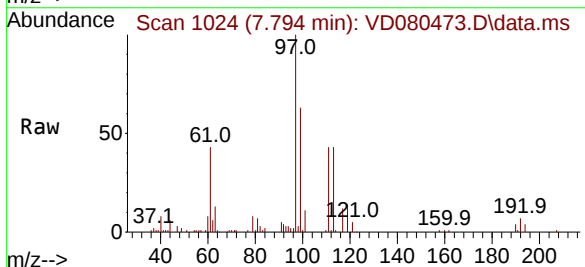
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

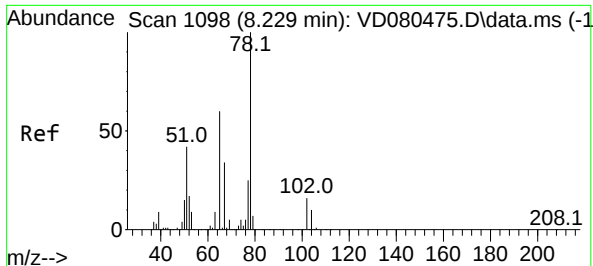
Tgt Ion: 56 Resp: 112443
Ion Ratio Lower Upper
56 100
69 45.8 28.1 42.1#
84 95.5 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 9.859 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 97 Resp: 91680
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 43.3 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 10.047 ug/l

RT: 8.235 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

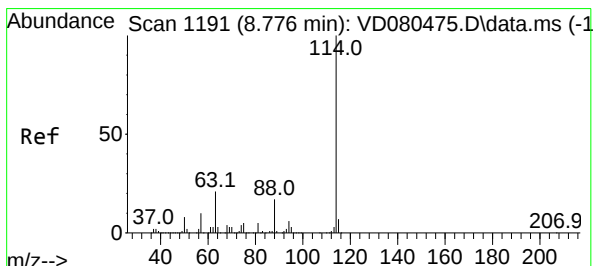
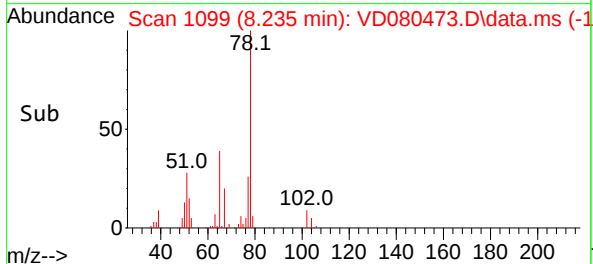
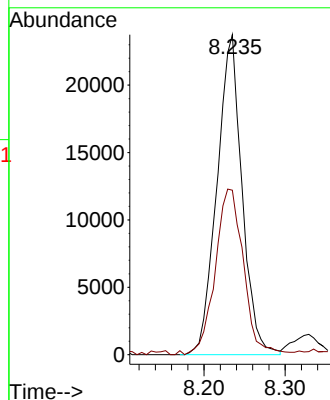
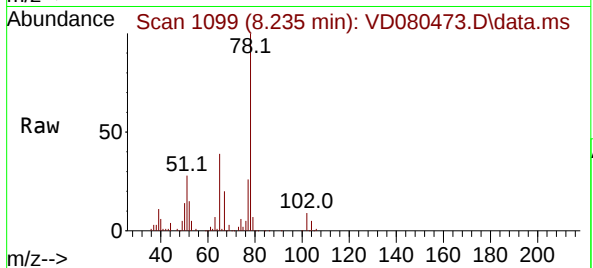
VSTDIC010

Tgt Ion: 65 Resp: 50973

Ion Ratio Lower Upper

65 100

67 58.5 0.0 113.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

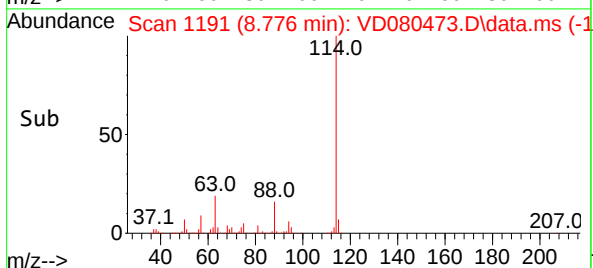
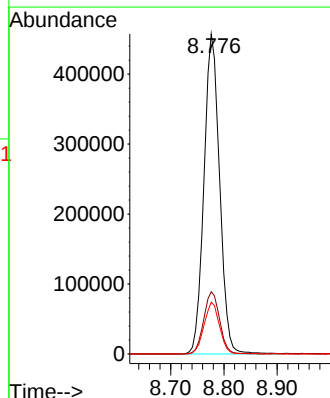
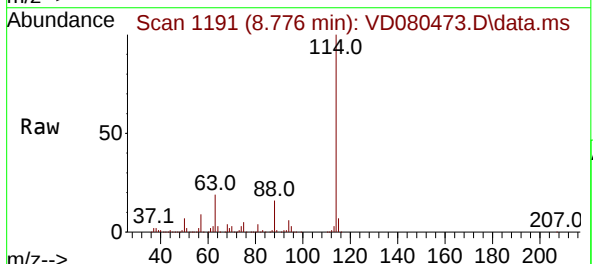
Tgt Ion: 114 Resp: 933195

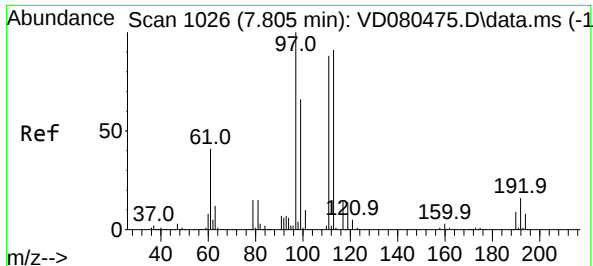
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.0

88 16.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 9.999 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

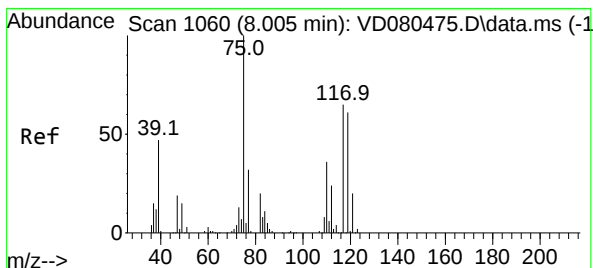
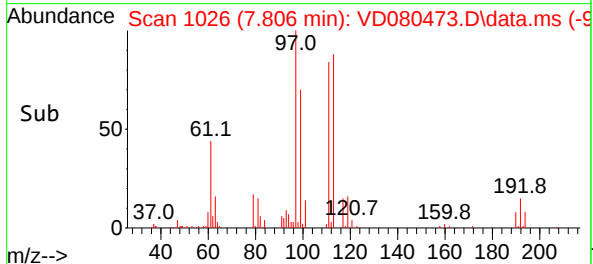
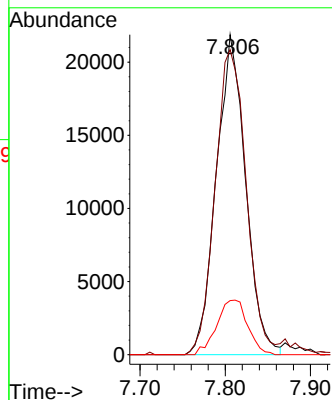
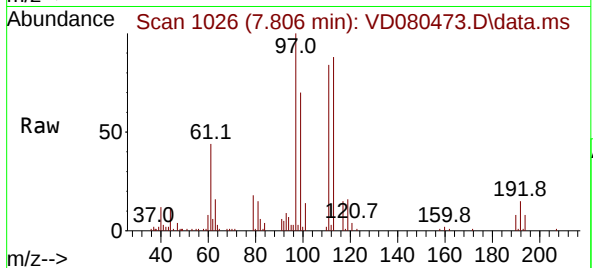
Tgt Ion:113 Resp: 52249

Ion Ratio Lower Upper

113 100

111 100.9 82.5 123.7

192 18.0 15.0 22.6



#36

1,1-Dichloropropene

Concen: 10.028 ug/l

RT: 8.006 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

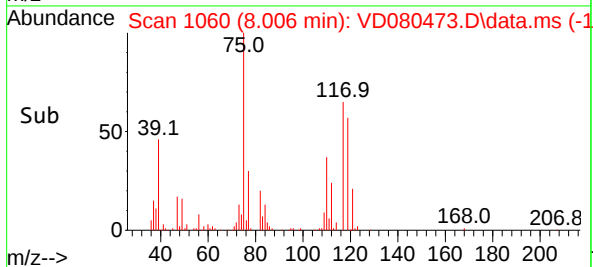
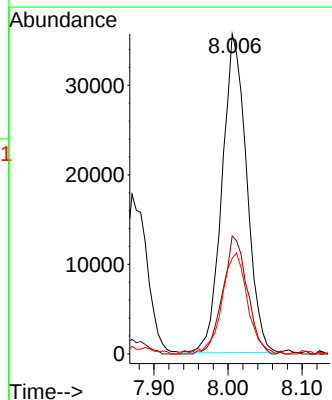
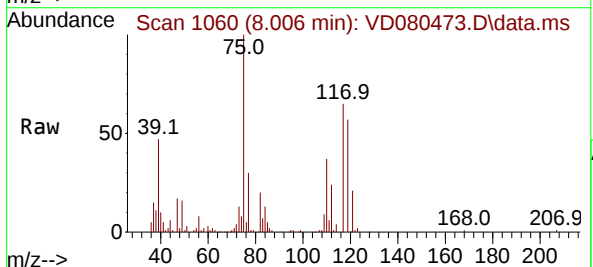
Tgt Ion: 75 Resp: 81843

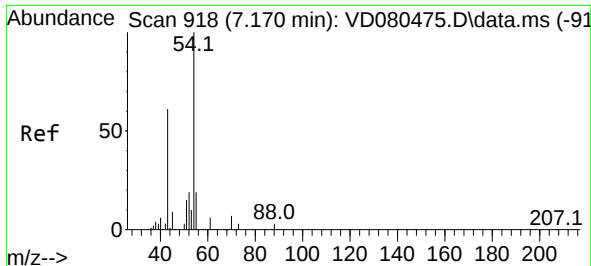
Ion Ratio Lower Upper

75 100

110 36.9 18.2 54.6

77 33.4 25.2 37.8

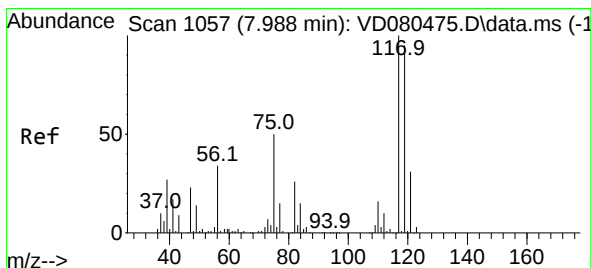
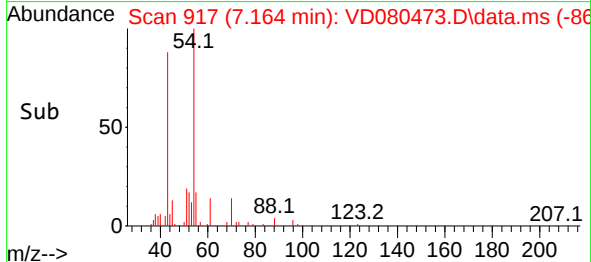
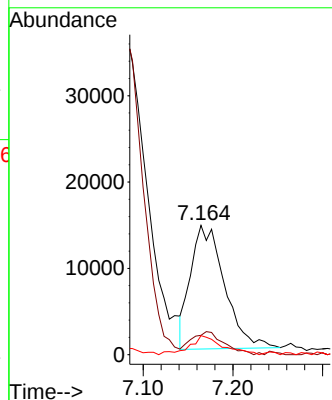
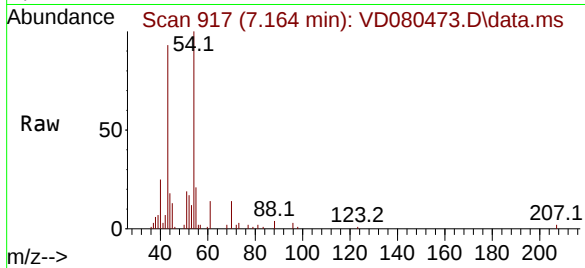




#37
Ethyl Acetate
Concen: 9.516 ug/l
RT: 7.164 min Scan# 917
Delta R.T. -0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

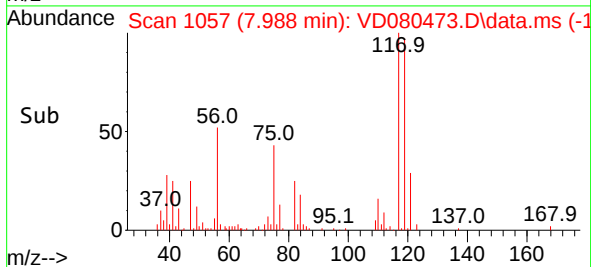
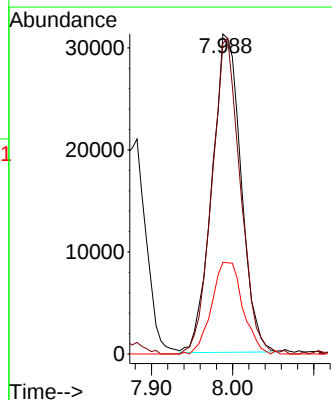
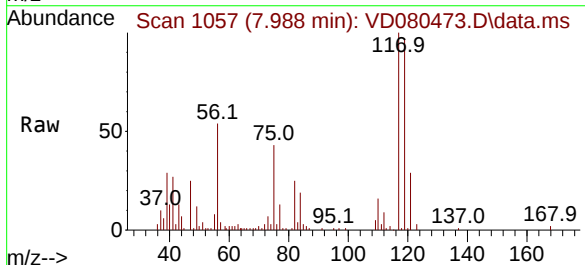
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

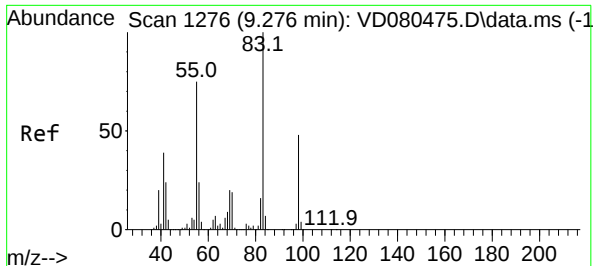
Tgt Ion: 43 Resp: 37622
Ion Ratio Lower Upper
43 100
61 17.9 12.2 18.2
70 14.9 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 9.959 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 117 Resp: 77653
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.6
121 28.8 25.0 37.4

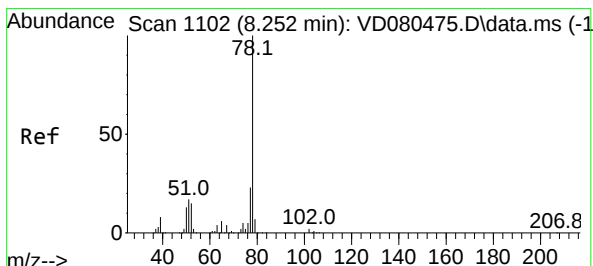
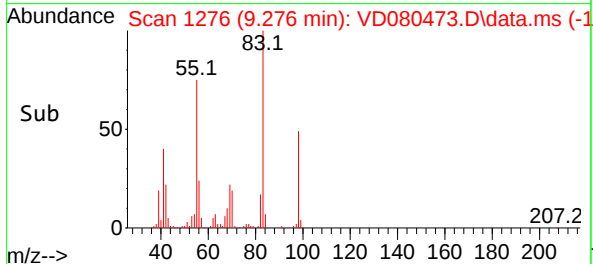
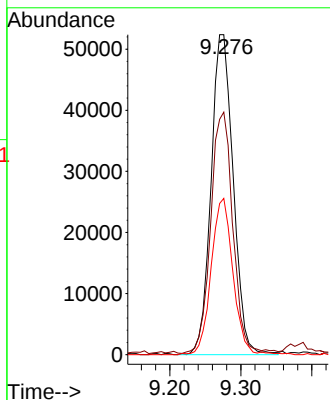
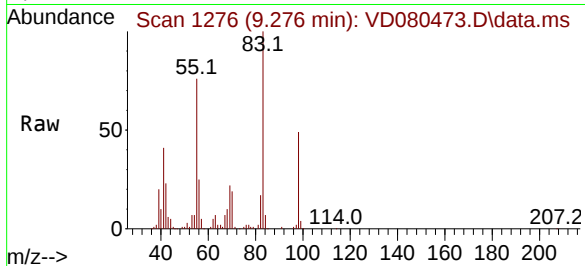




#39
Methylcyclohexane
Concen: 10.097 ug/l
RT: 9.276 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

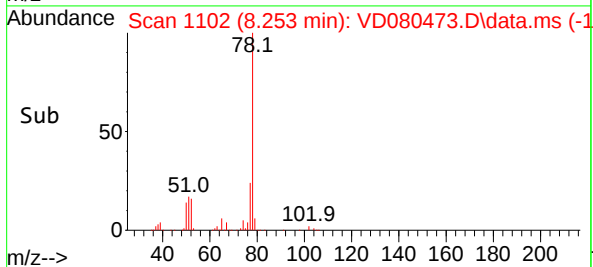
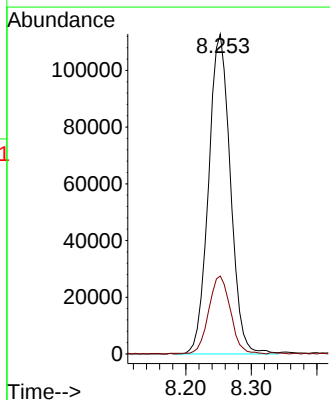
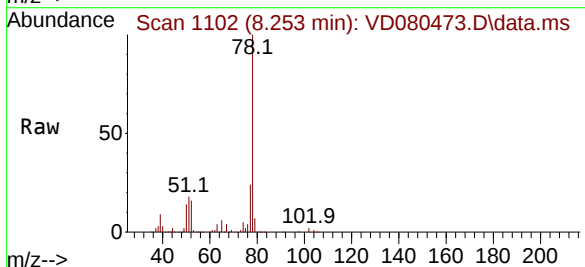
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

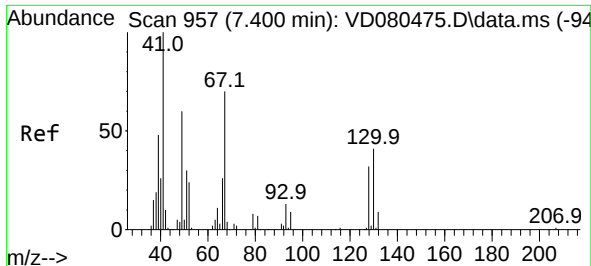
Tgt Ion: 83 Resp: 113455
Ion Ratio Lower Upper
83 100
55 75.3 59.8 89.8
98 48.9 38.2 57.2



#40
Benzene
Concen: 9.945 ug/l
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 78 Resp: 260494
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

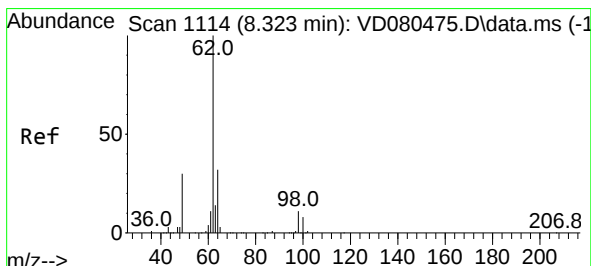
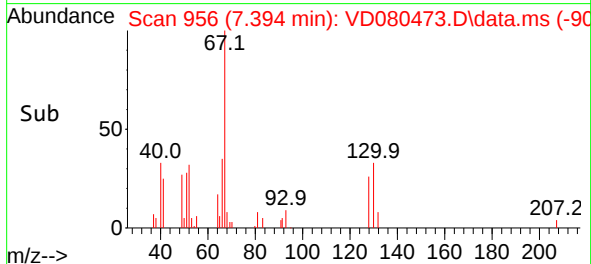
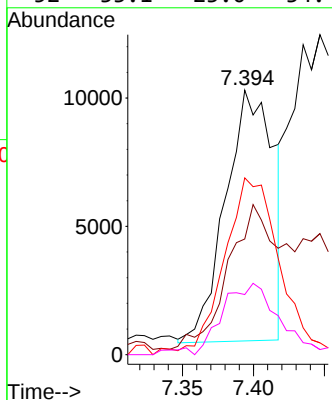
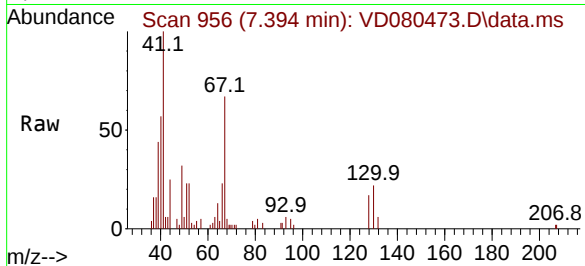




#41
Methacrylonitrile
Concen: 9.088 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

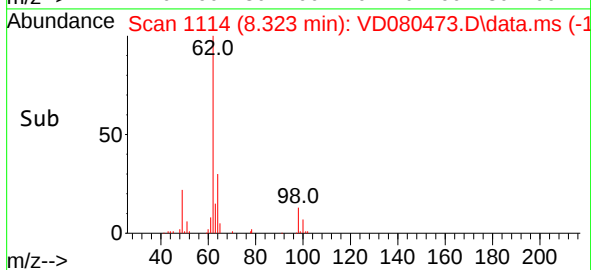
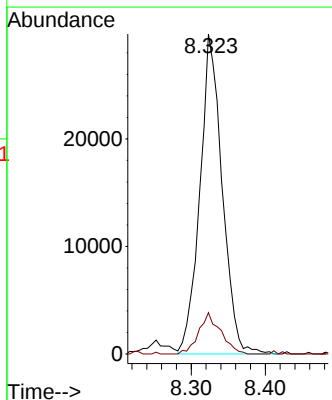
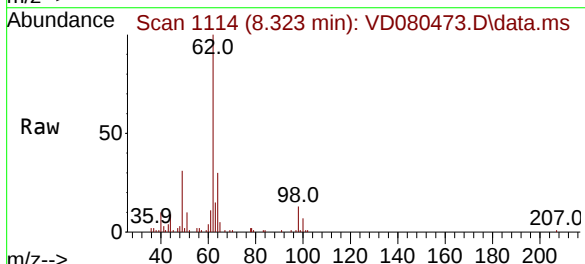
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

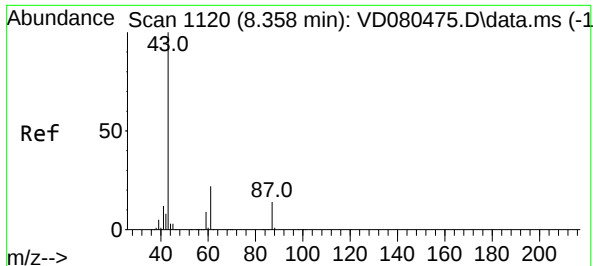
Tgt Ion: 41 Resp: 23040
Ion Ratio Lower Upper
41 100
39 66.6 43.4 65.0#
67 81.0 59.2 88.8
52 33.1 23.0 34.4



#42
1,2-Dichloroethane
Concen: 10.104 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 62 Resp: 62259
Ion Ratio Lower Upper
62 100
98 12.6 0.0 22.0

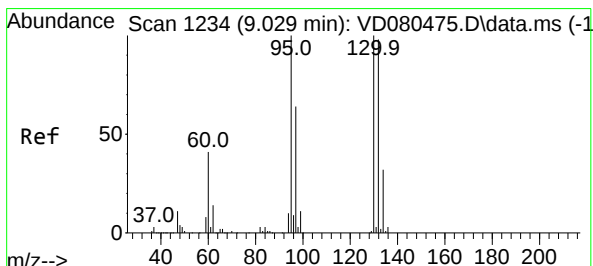
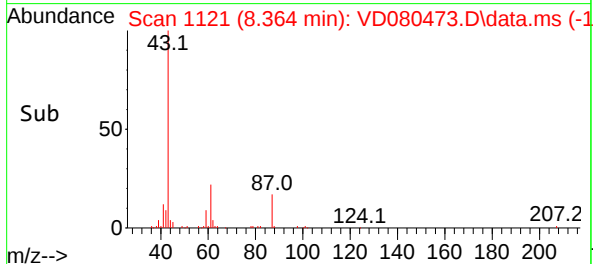
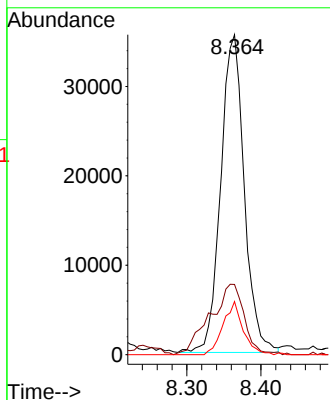
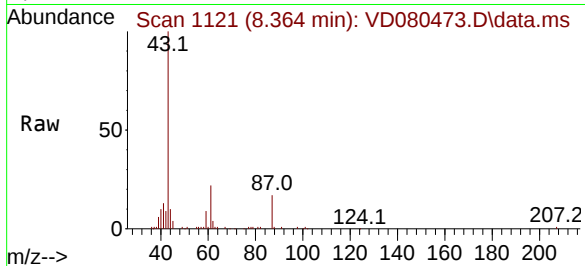




#43
Isopropyl Acetate
Concen: 10.060 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

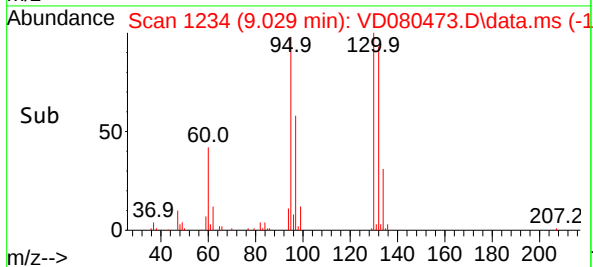
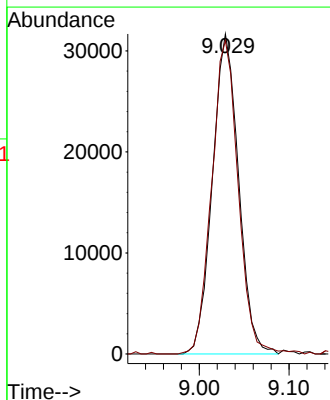
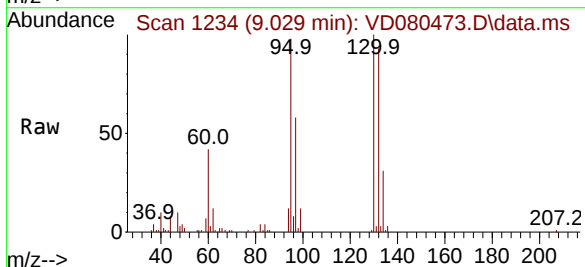
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

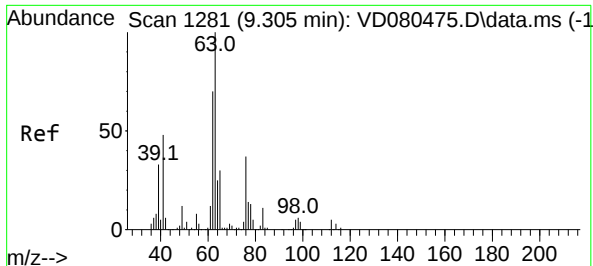
Tgt Ion: 43 Resp: 78531
Ion Ratio Lower Upper
43 100
61 32.1 24.4 36.6
87 14.2 11.4 17.2



#44
Trichloroethene
Concen: 10.107 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion:130 Resp: 64161
Ion Ratio Lower Upper
130 100
95 97.9 0.0 200.6





#45

1,2-Dichloropropane

Concen: 9.937 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

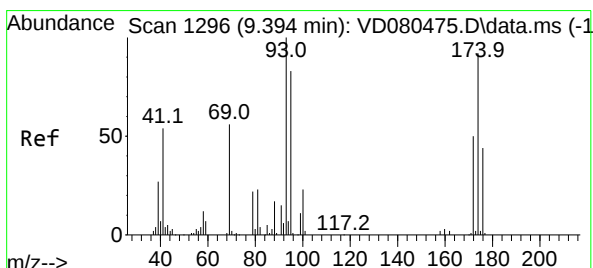
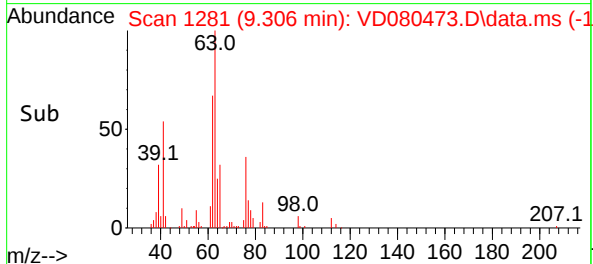
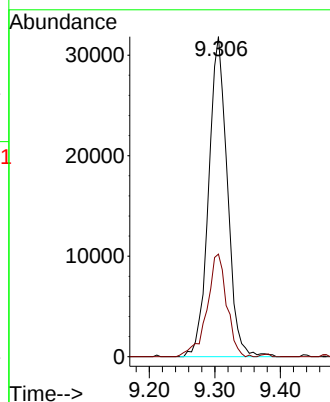
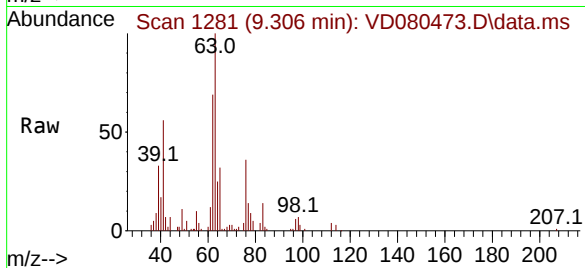
VSTDICC010

Tgt Ion: 63 Resp: 63123

Ion Ratio Lower Upper

63 100

65 32.1 24.0 36.0



#46

Dibromomethane

Concen: 9.957 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

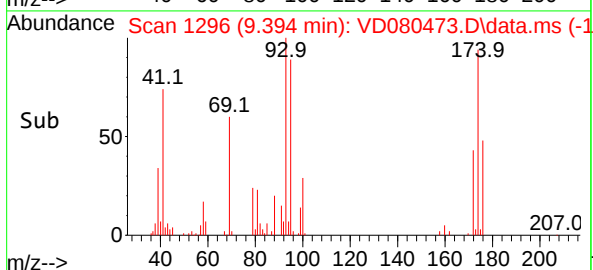
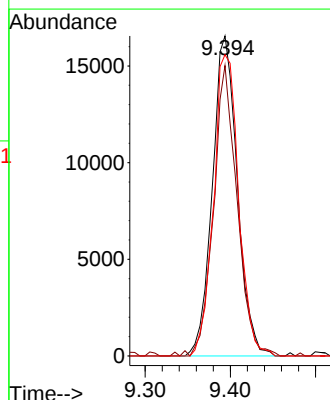
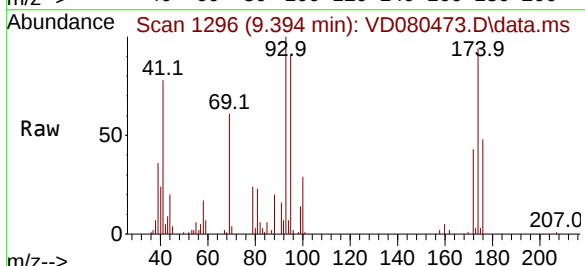
Tgt Ion: 93 Resp: 33726

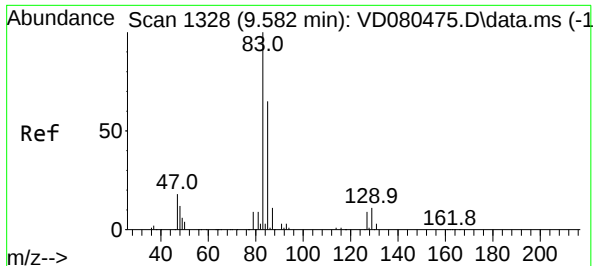
Ion Ratio Lower Upper

93 100

95 85.4 66.2 99.4

174 94.6 75.4 113.0

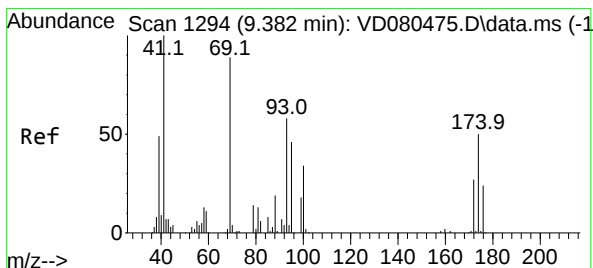
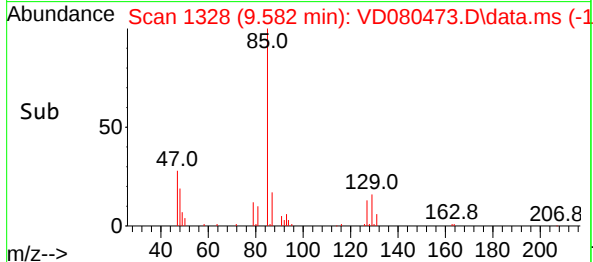
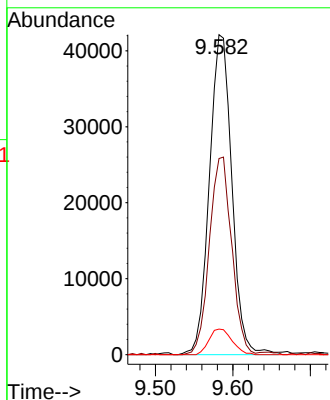
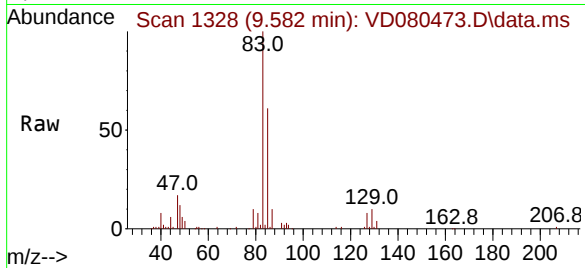




#47
Bromodichloromethane
Concen: 10.097 ug/l
RT: 9.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

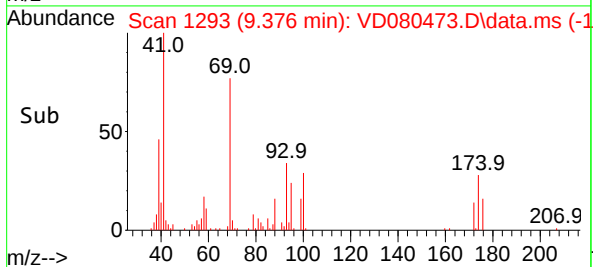
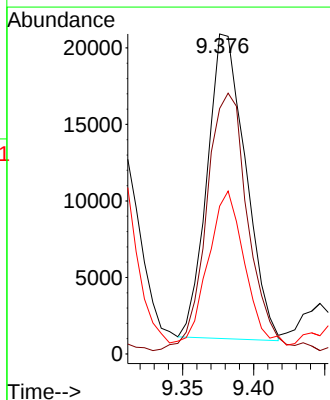
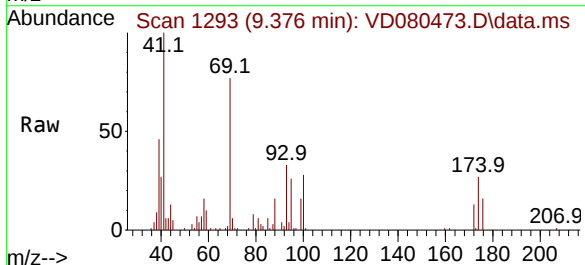
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

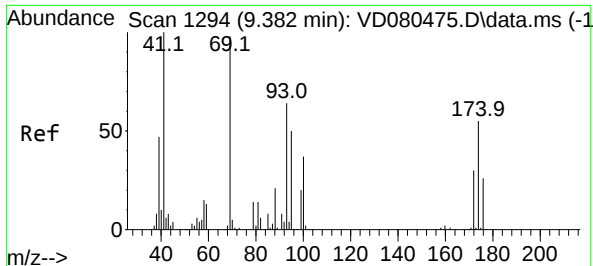
Tgt Ion: 83 Resp: 84783
Ion Ratio Lower Upper
83 100
85 61.3 52.2 78.2
127 8.0 6.9 10.3



#48
Methyl methacrylate
Concen: 9.474 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 41 Resp: 37414
Ion Ratio Lower Upper
41 100
69 92.3 70.2 105.4
39 48.1 40.2 60.2





#49

1,4-Dioxane

Concen: 211.290 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

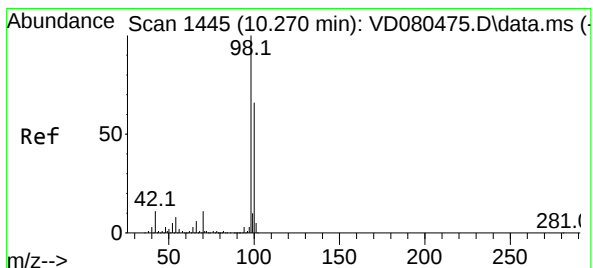
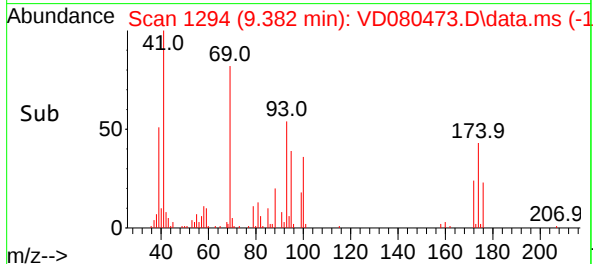
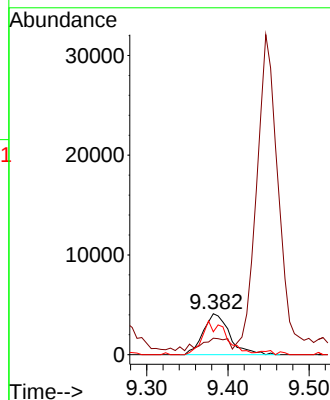
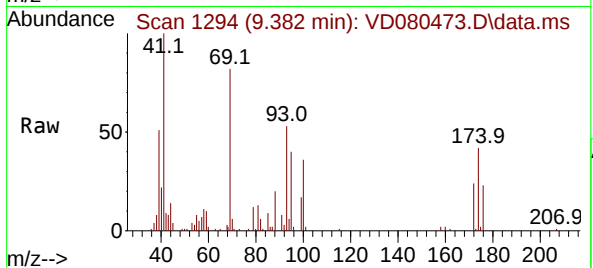
Tgt Ion: 88 Resp: 9284

Ion Ratio Lower Upper

88 100

43 30.8 26.7 40.1

58 75.7 56.4 84.6



#50

Toluene-d8

Concen: 10.212 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080473.D

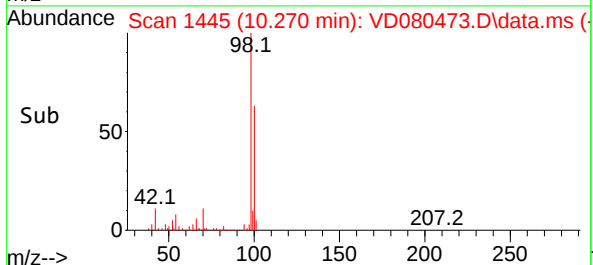
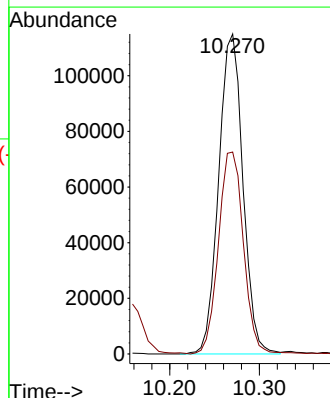
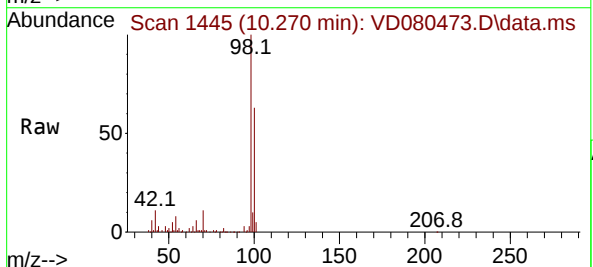
Acq: 26 Jun 2025 10:17

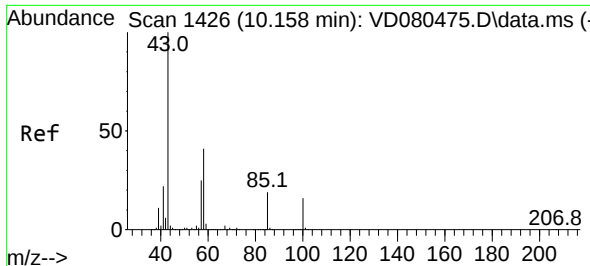
Tgt Ion: 98 Resp: 215582

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4

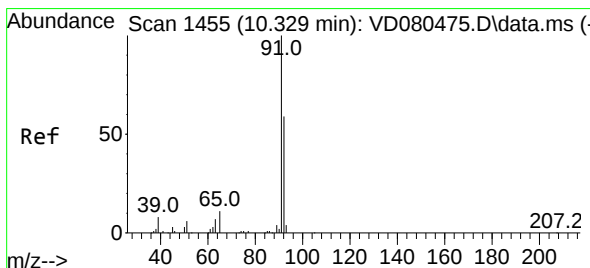
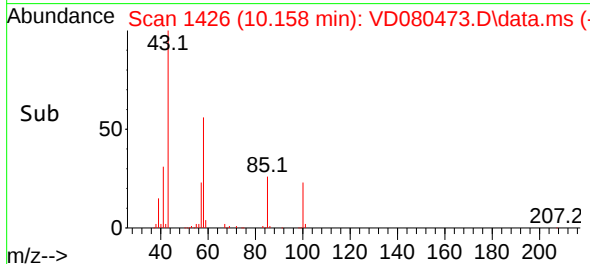
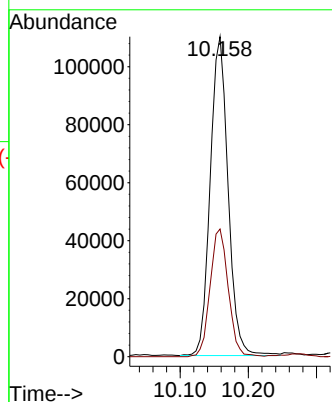
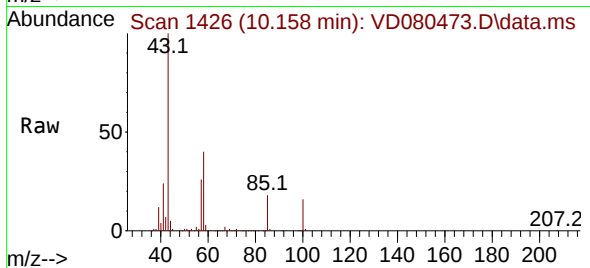




#51
4-Methyl-2-Pentanone
Concen: 50.670 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

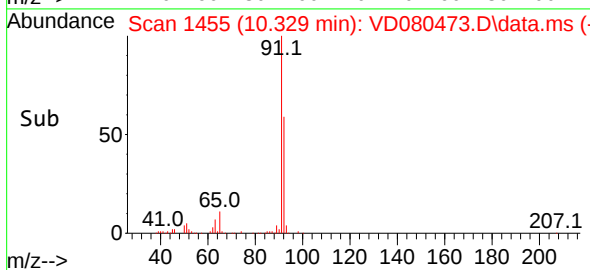
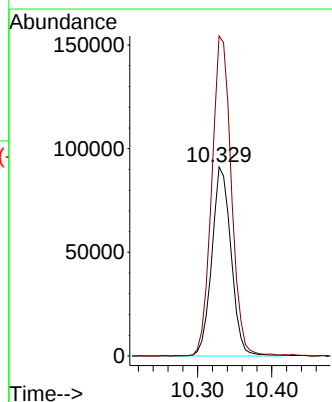
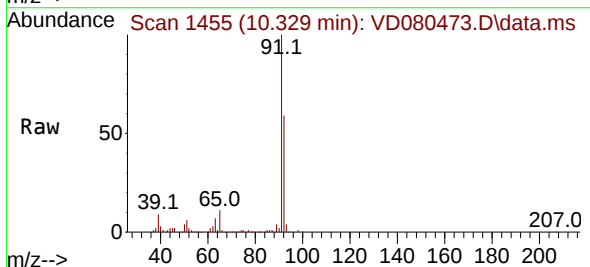
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

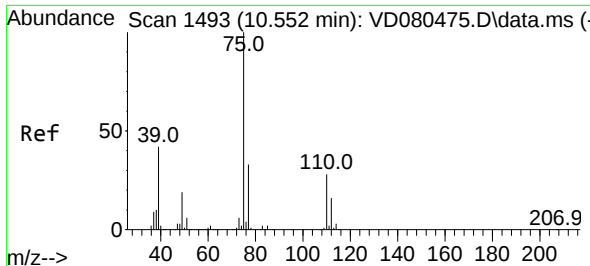
Tgt Ion: 43 Resp: 200864
Ion Ratio Lower Upper
43 100
58 40.6 33.3 49.9



#52
Toluene
Concen: 10.020 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 92 Resp: 164045
Ion Ratio Lower Upper
92 100
91 173.1 137.1 205.7

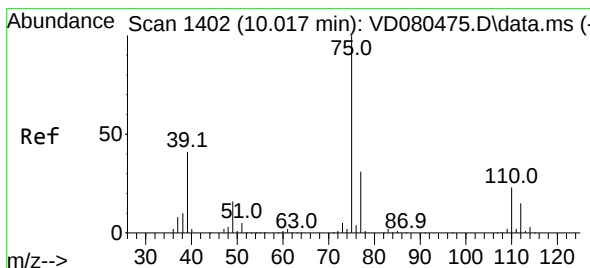
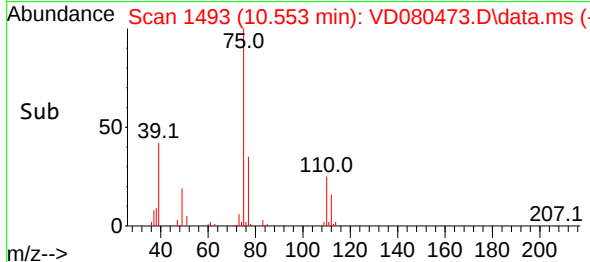
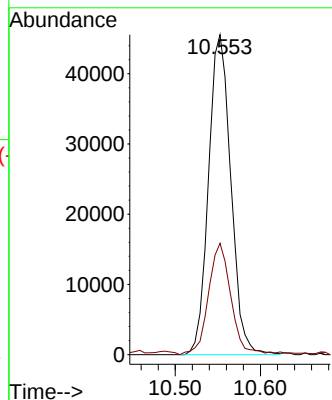
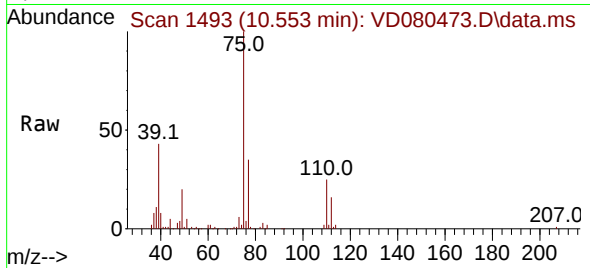




#53
 t-1,3-Dichloropropene
 Concen: 9.881 ug/l
 RT: 10.553 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

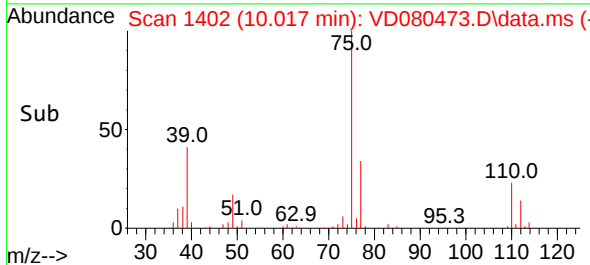
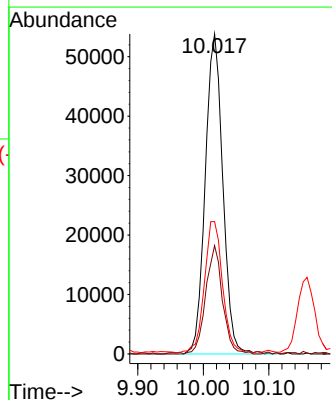
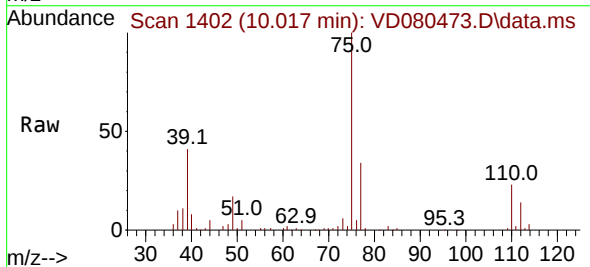
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

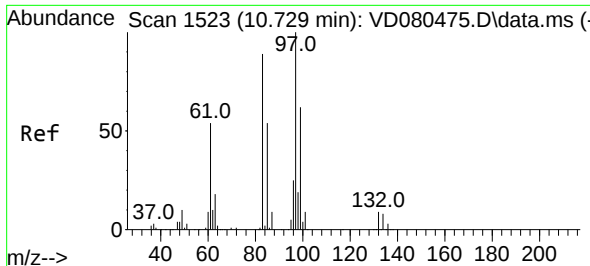
Tgt Ion: 75 Resp: 83101
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 9.941 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

Tgt Ion: 75 Resp: 100445
 Ion Ratio Lower Upper
 75 100
 77 33.9 24.9 37.3
 39 40.9 32.5 48.7

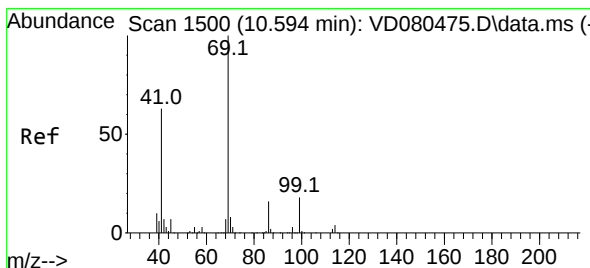
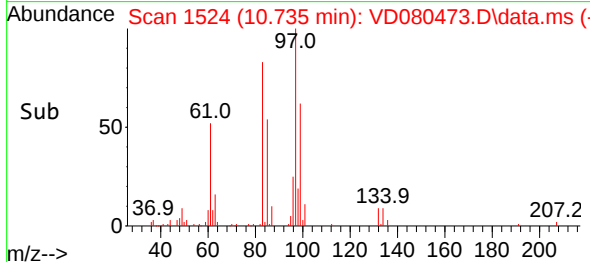
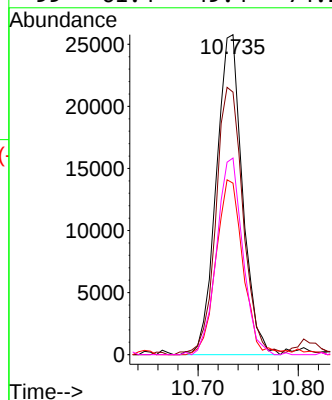
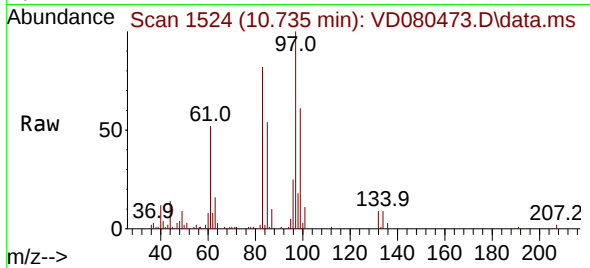




#55
1,1,2-Trichloroethane
Concen: 10.130 ug/l
RT: 10.735 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

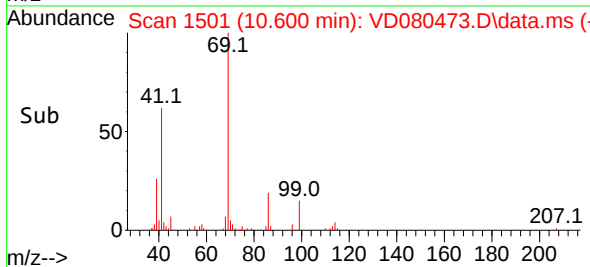
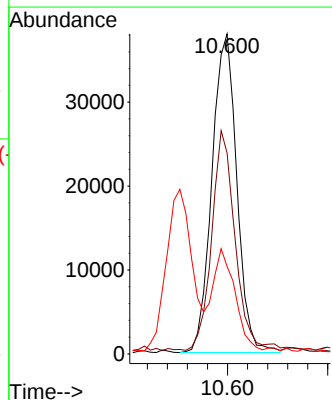
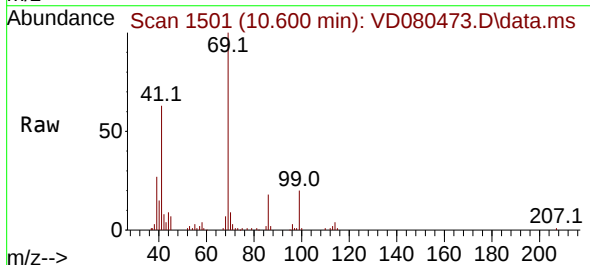
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

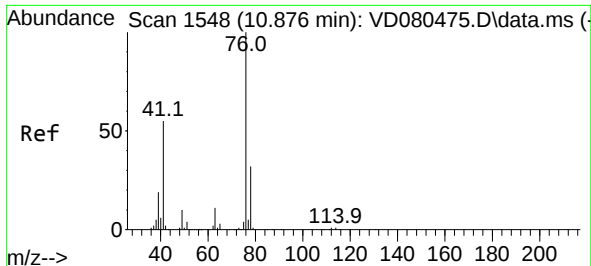
Tgt Ion: 97	Resp: 46774
Ion Ratio	Lower Upper
97 100	
83 81.2	71.4 107.2
85 53.6	43.4 65.2
99 61.4	49.4 74.2



#56
Ethyl methacrylate
Concen: 9.889 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 69	Resp: 65174		
Ion Ratio	Lower	Upper	
69 100			
41 65.7	50.7	76.1	
39 28.7	23.4	35.2	





#57

1,3-Dichloropropane

Concen: 9.988 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

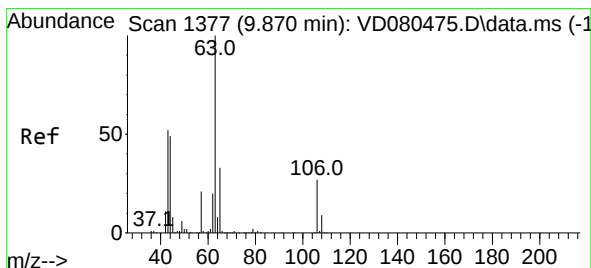
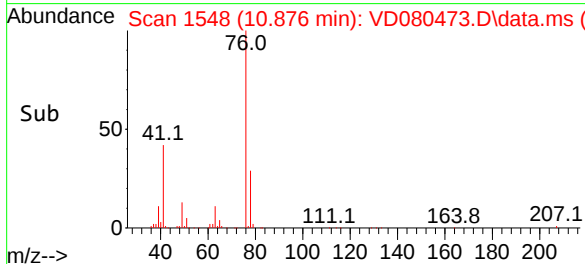
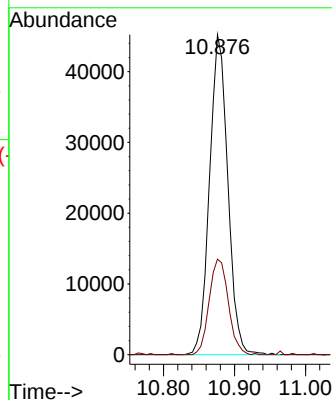
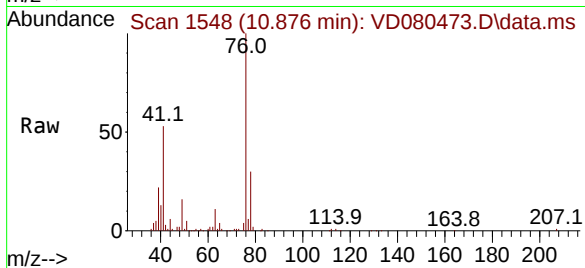
VSTDIC010

Tgt Ion: 76 Resp: 80685

Ion Ratio Lower Upper

76 100

78 31.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 50.799 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080473.D

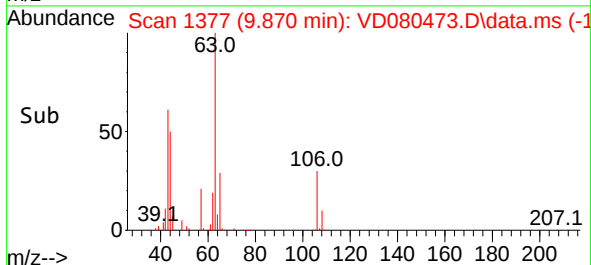
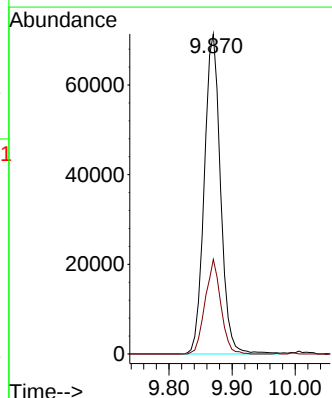
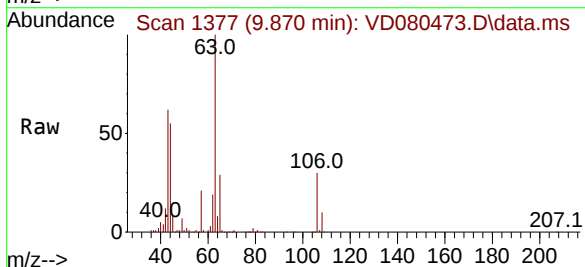
Acq: 26 Jun 2025 10:17

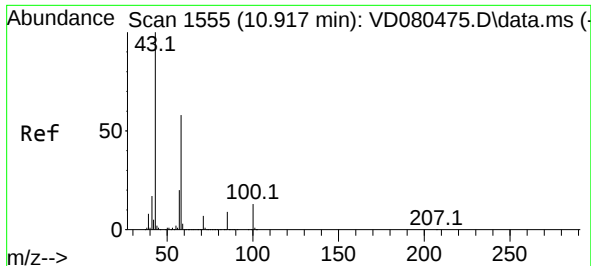
Tgt Ion: 63 Resp: 127865

Ion Ratio Lower Upper

63 100

106 28.4 21.7 32.5

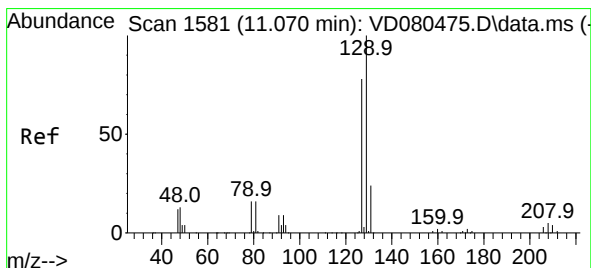
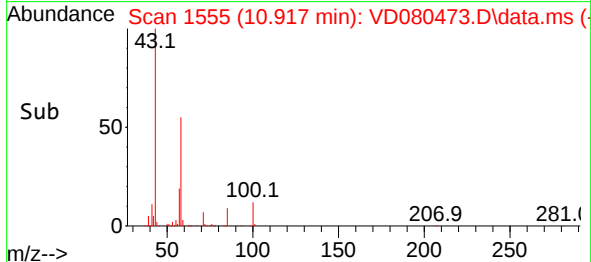
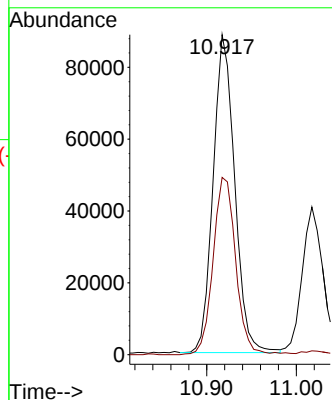
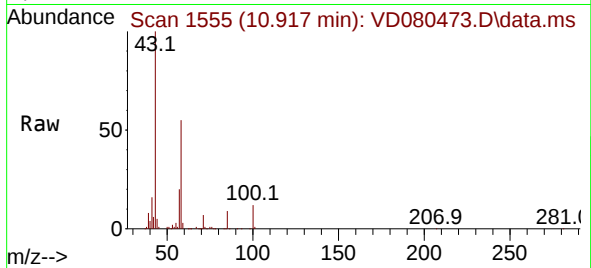




#59
2-Hexanone
Concen: 52.589 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

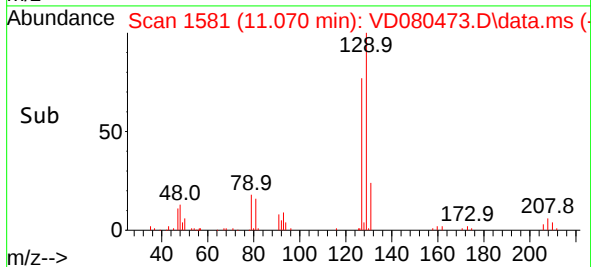
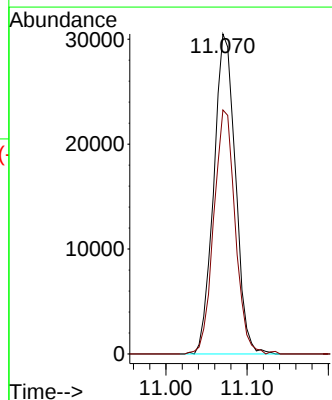
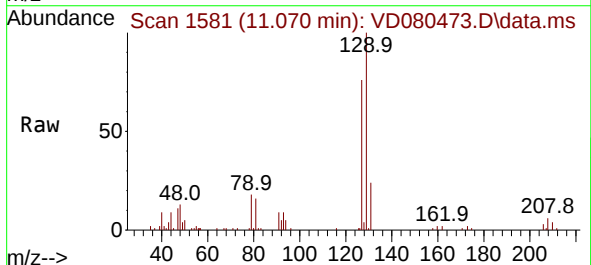
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

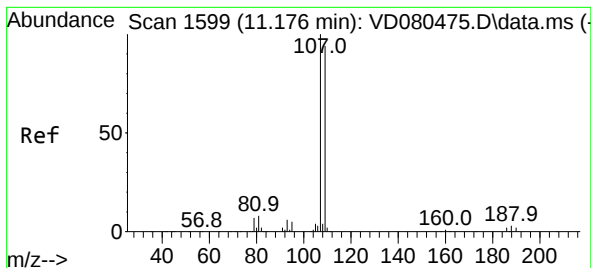
Tgt Ion: 43 Resp: 147545
Ion Ratio Lower Upper
43 100
58 58.3 29.0 87.1



#60
Dibromochloromethane
Concen: 9.955 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 129 Resp: 56735
Ion Ratio Lower Upper
129 100
127 75.1 38.4 115.2

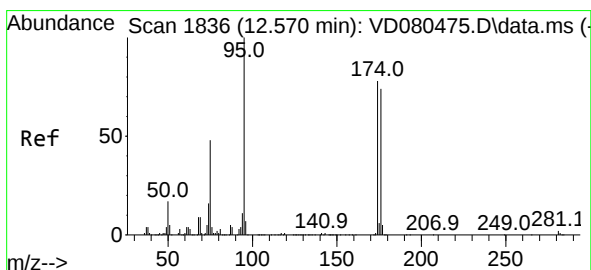
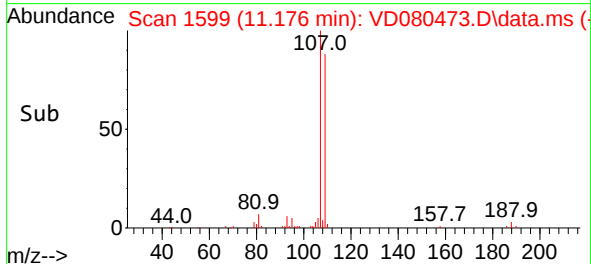
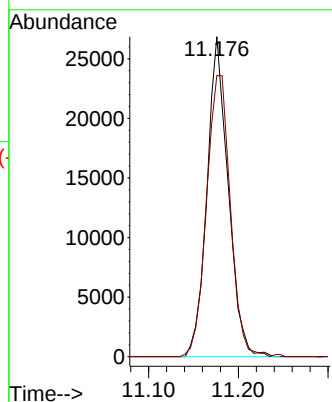
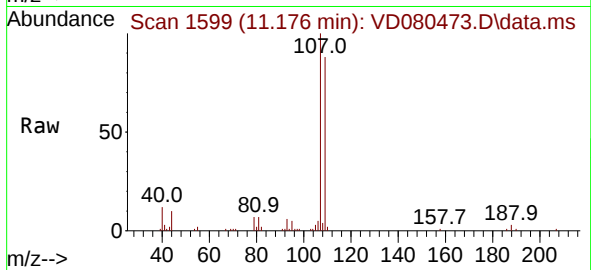




#61
1,2-Dibromoethane
Concen: 9.968 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

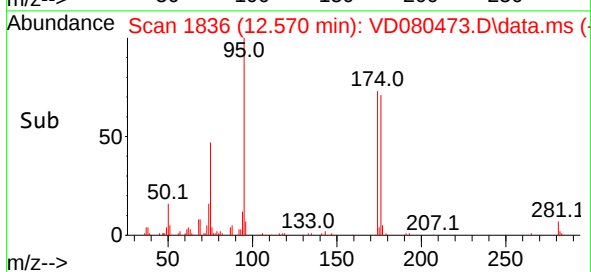
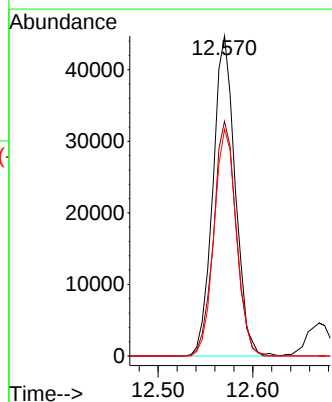
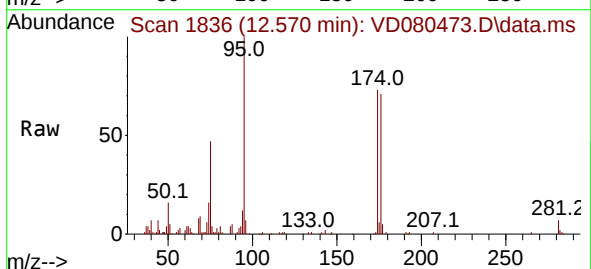
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

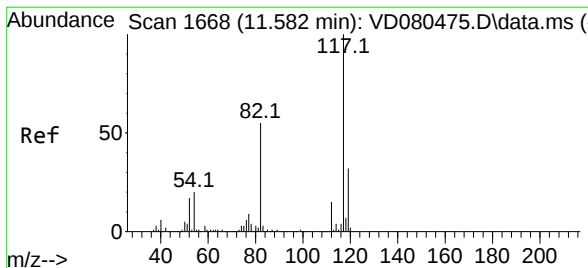
Tgt Ion:107 Resp: 44006
Ion Ratio Lower Upper
107 100
109 99.0 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 10.540 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 95 Resp: 72956
Ion Ratio Lower Upper
95 100
174 73.9 0.0 154.0
176 71.4 0.0 149.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

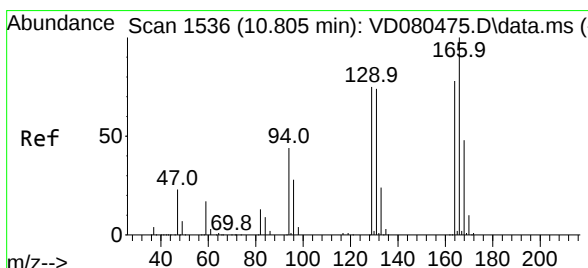
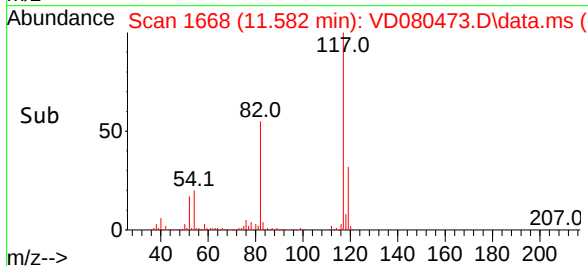
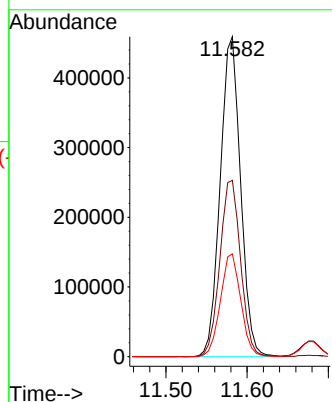
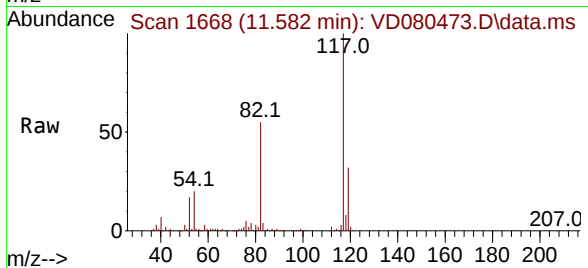
Tgt Ion:117 Resp: 801394

Ion Ratio Lower Upper

117 100

82 55.0 43.7 65.5

119 32.1 25.8 38.6



#64

Tetrachloroethene

Concen: 9.795 ug/l

RT: 10.811 min Scan# 1537

Delta R.T. 0.006 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Tgt Ion:164 Resp: 48718

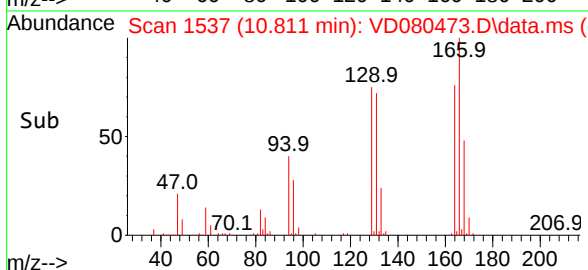
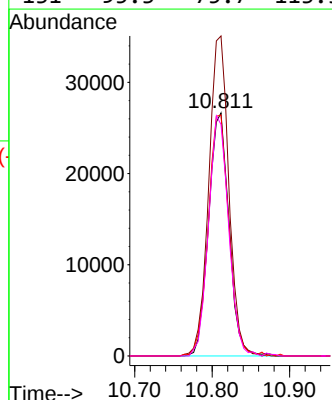
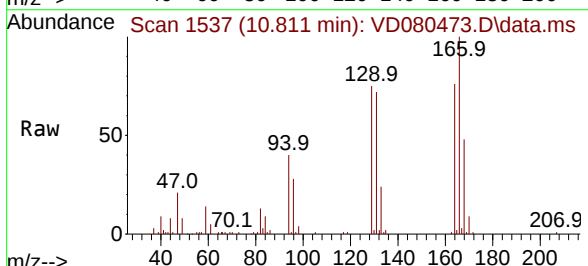
Ion Ratio Lower Upper

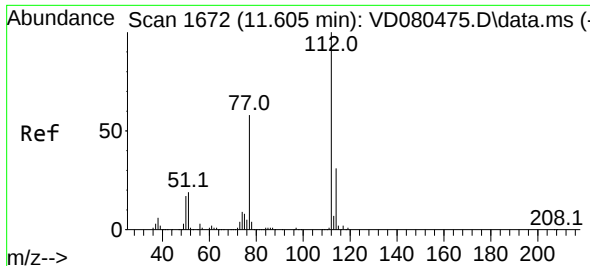
164 100

166 131.7 102.6 153.8

129 99.2 76.6 115.0

131 95.3 75.7 113.5

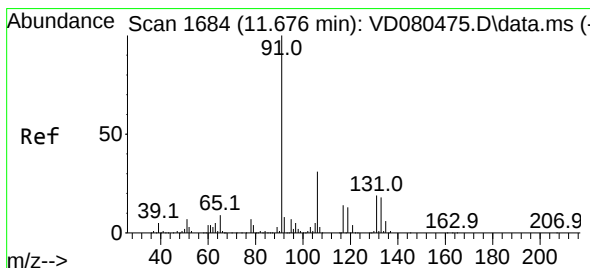
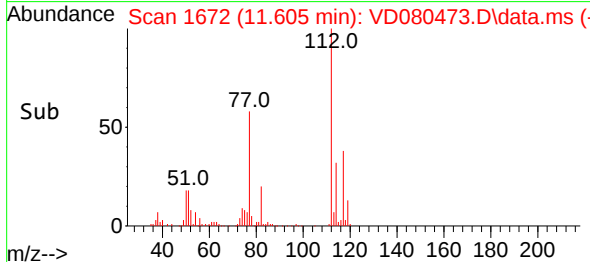
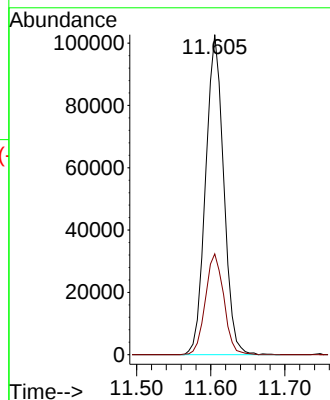
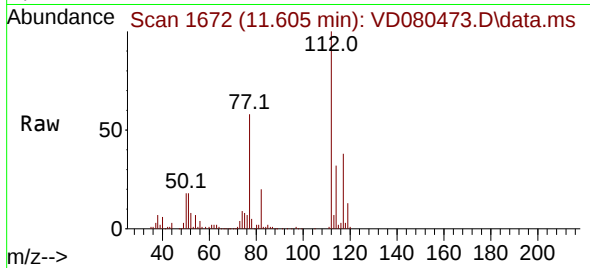




#65
Chlorobenzene
Concen: 10.081 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

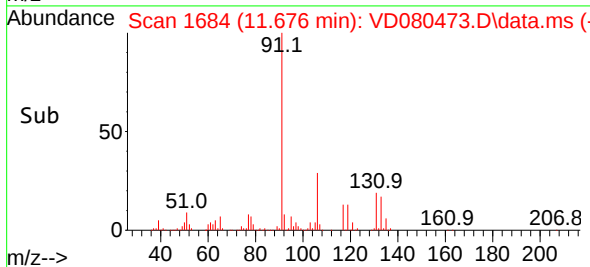
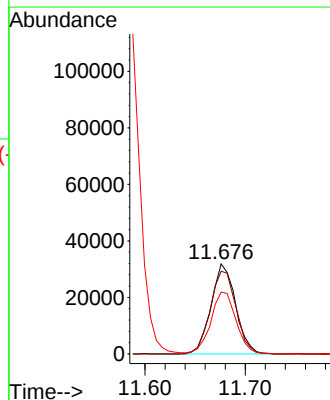
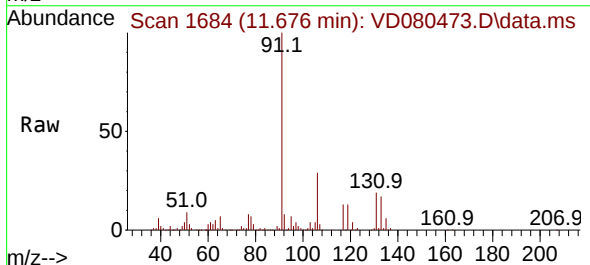
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

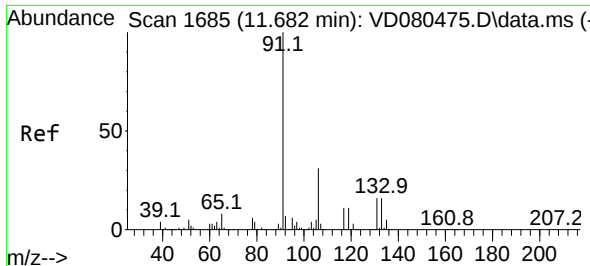
Tgt Ion:112 Resp: 174235
Ion Ratio Lower Upper
112 100
114 31.5 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 9.975 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion:131 Resp: 54186
Ion Ratio Lower Upper
131 100
133 96.7 47.3 141.8
119 70.8 34.9 104.7

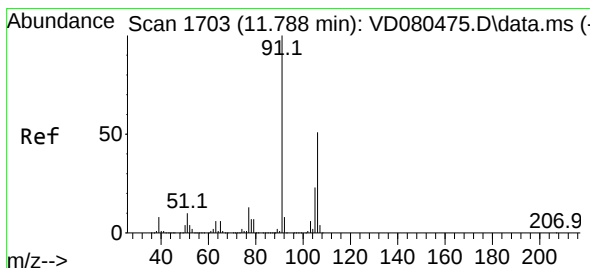
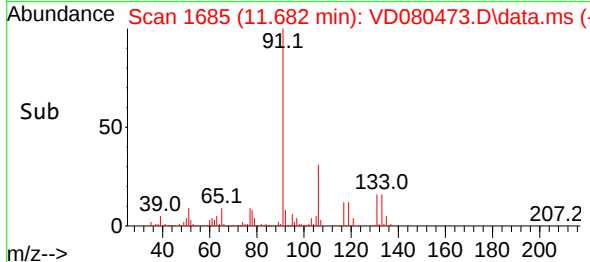
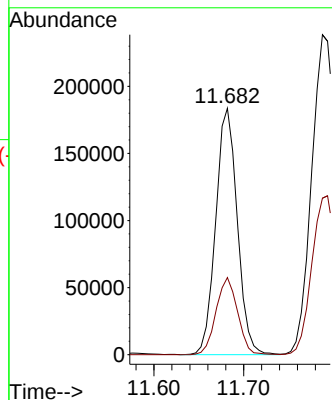
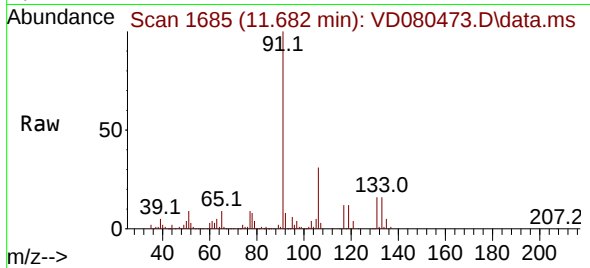




#67
Ethyl Benzene
Concen: 10.146 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

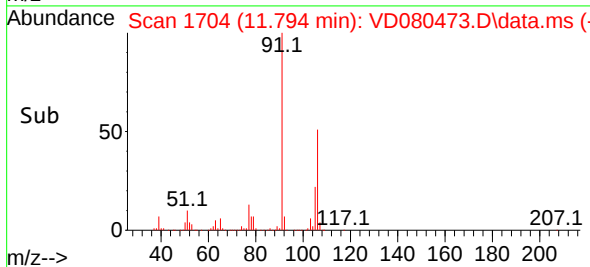
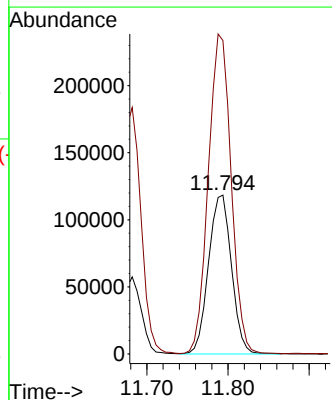
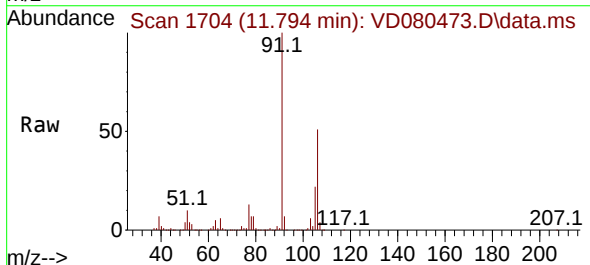
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

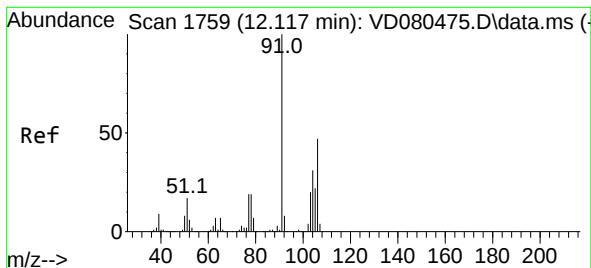
Tgt Ion: 91 Resp: 306735
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 20.213 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 106 Resp: 232682
Ion Ratio Lower Upper
106 100
91 200.1 159.9 239.9





#69

o-Xylene

Concen: 10.056 ug/l

RT: 12.117 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

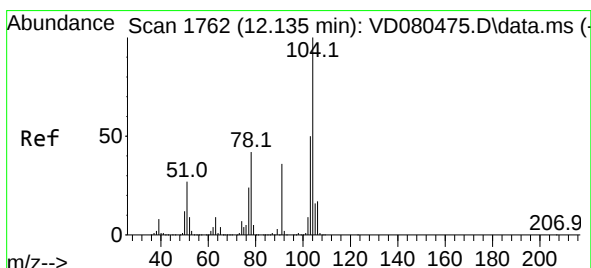
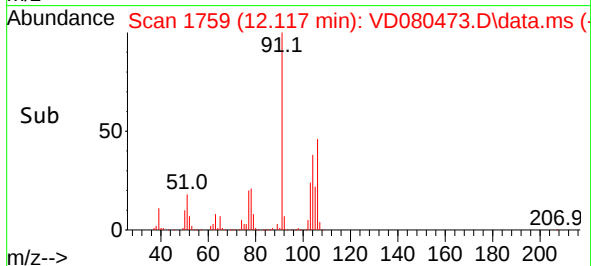
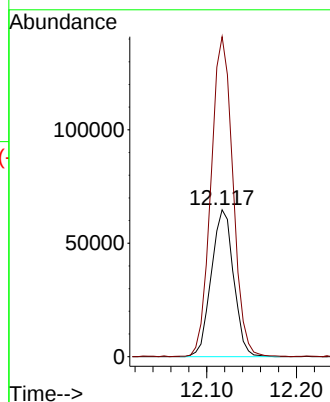
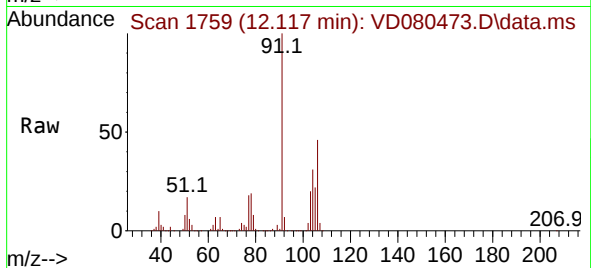
VSTDIC010

Tgt Ion:106 Resp: 111704

Ion Ratio Lower Upper

106 100

91 214.9 106.5 319.6



#70

Styrene

Concen: 10.158 ug/l

RT: 12.129 min Scan# 1761

Delta R.T. -0.006 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

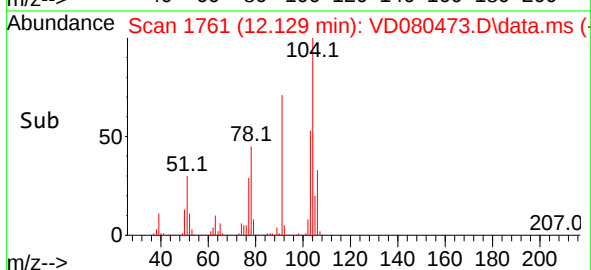
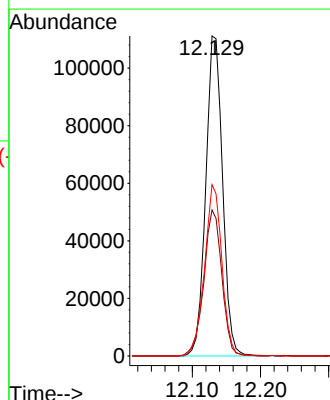
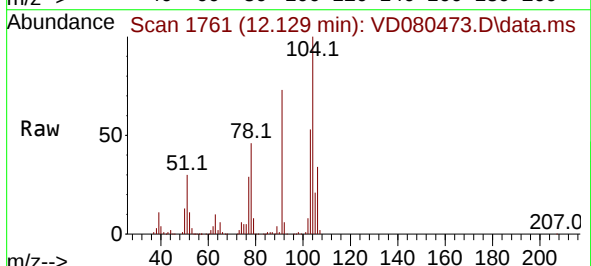
Tgt Ion:104 Resp: 190865

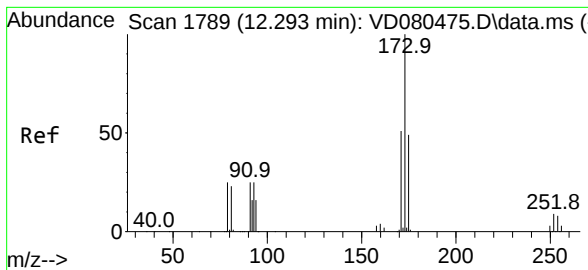
Ion Ratio Lower Upper

104 100

78 48.9 38.5 57.7

103 55.3 44.1 66.1

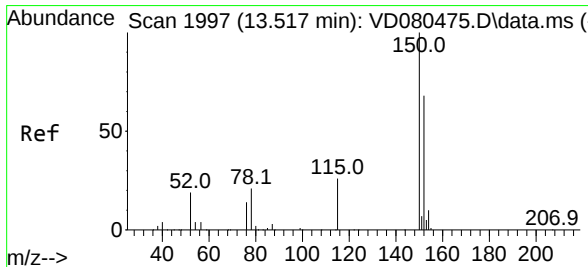
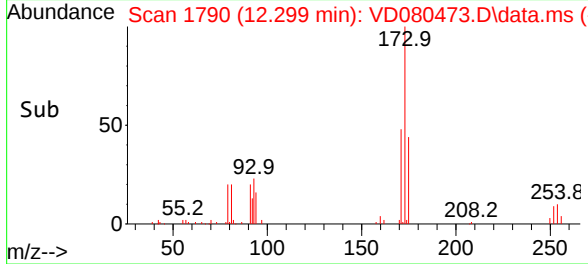
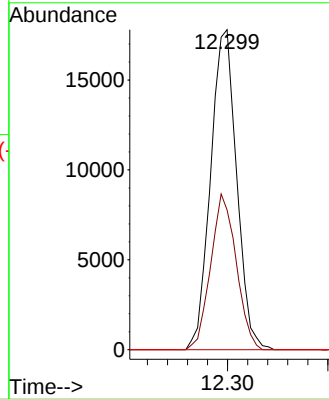
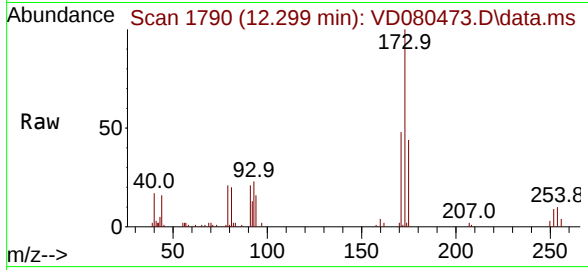




#71
Bromoform
Concen: 10.382 ug/l
RT: 12.299 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

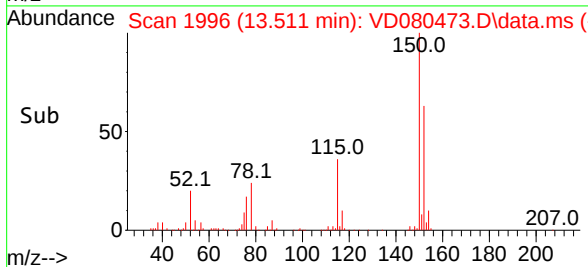
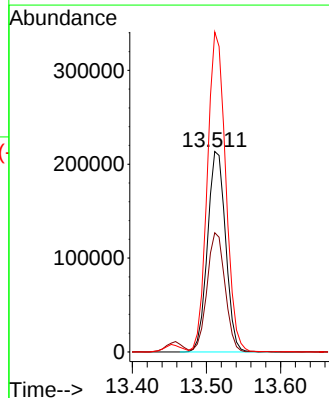
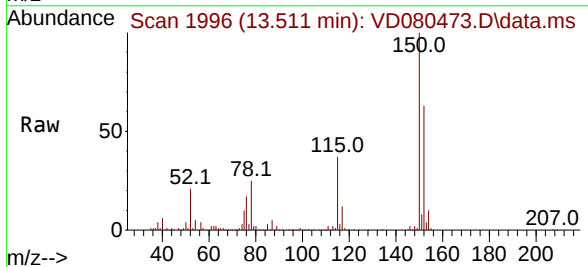
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

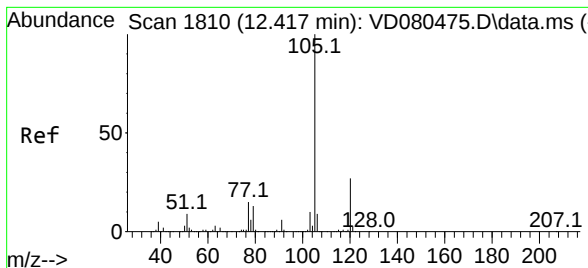
Tgt Ion:173 Resp: 32118
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.511 min Scan# 1996
Delta R.T. -0.006 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion:152 Resp: 362342
Ion Ratio Lower Upper
152 100
115 59.2 30.2 90.6
150 161.6 0.0 350.2





#73

Isopropylbenzene

Concen: 10.200 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

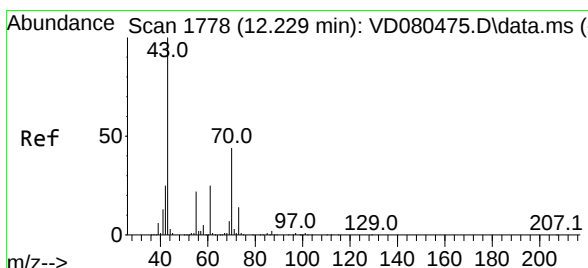
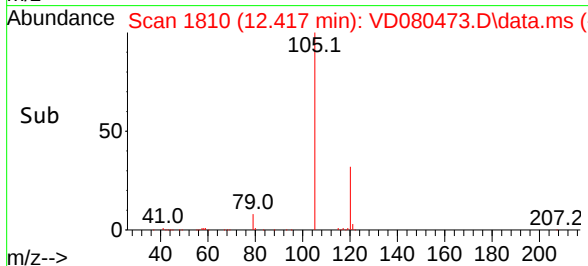
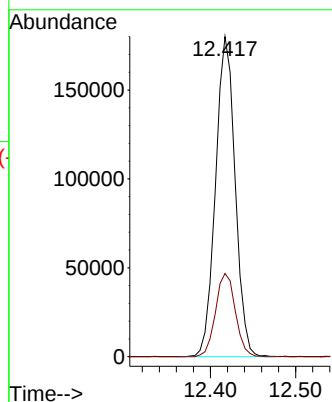
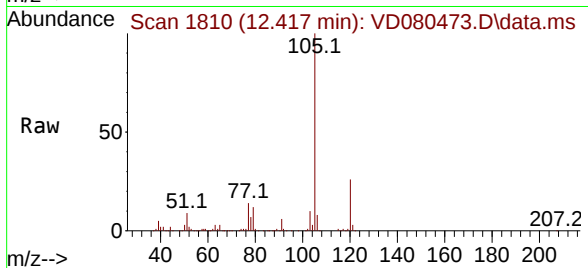
VSTDIC010

Tgt Ion:105 Resp: 287314

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 10.137 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Tgt Ion: 43 Resp: 74762

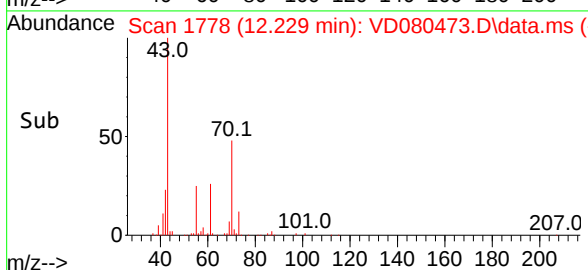
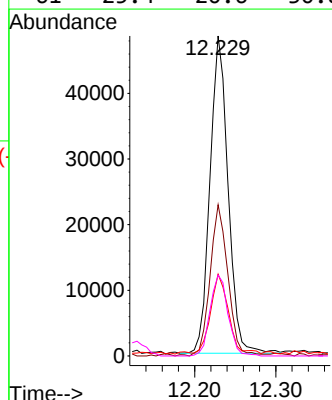
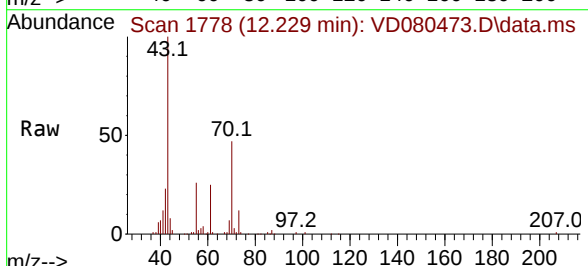
Ion Ratio Lower Upper

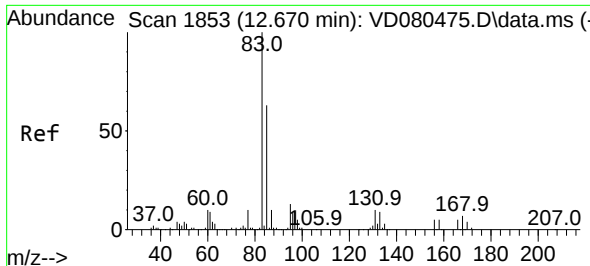
43 100

70 46.8 35.4 53.2

55 24.3 18.8 28.2

61 25.4 20.6 30.8

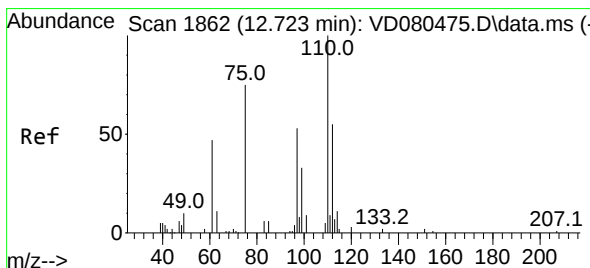
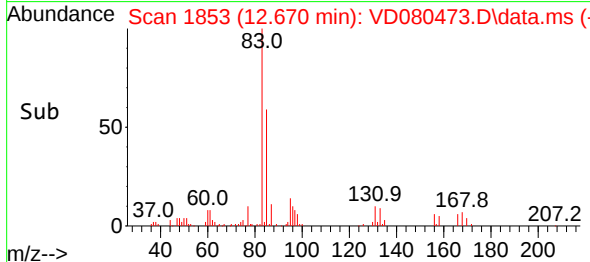
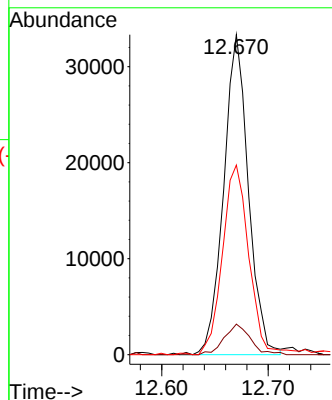
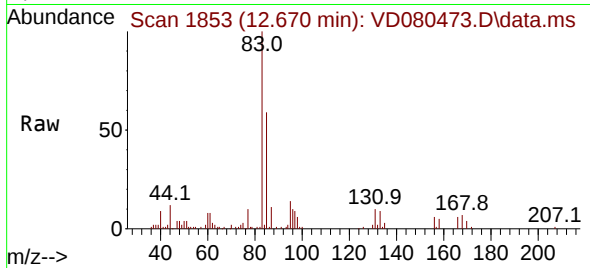




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.253 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

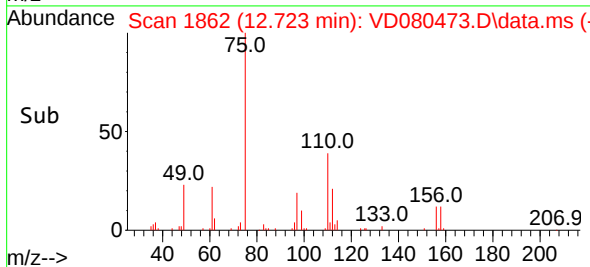
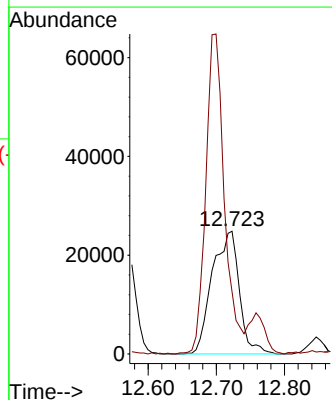
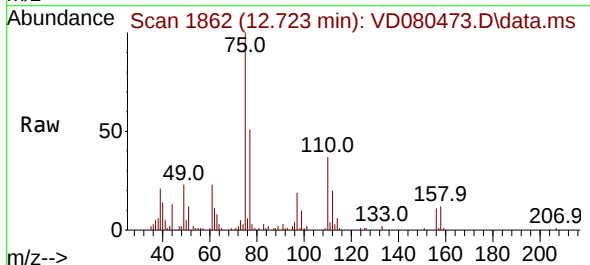
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

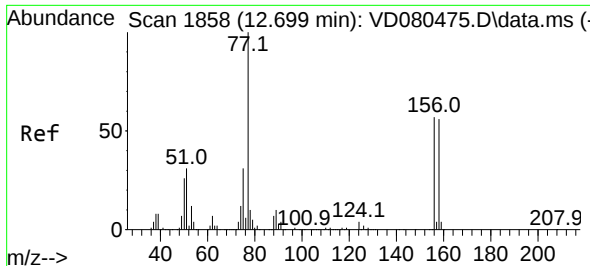
Tgt Ion: 83 Resp: 53775
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.8 14.3
 85 64.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 22.190 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

Tgt Ion: 75 Resp: 68883
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

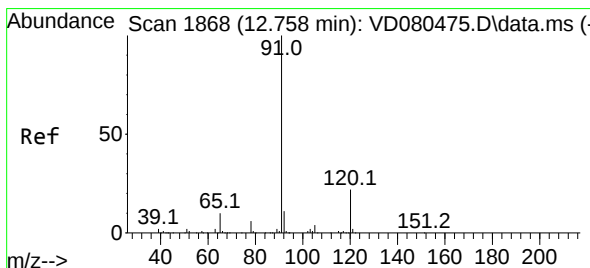
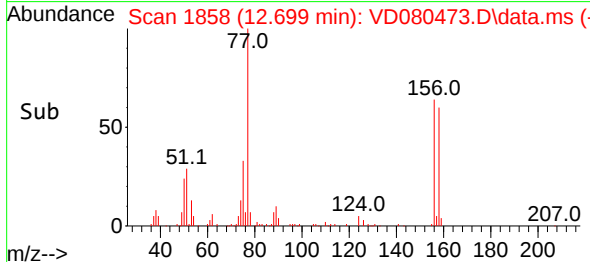
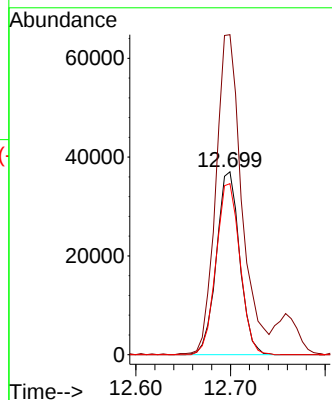
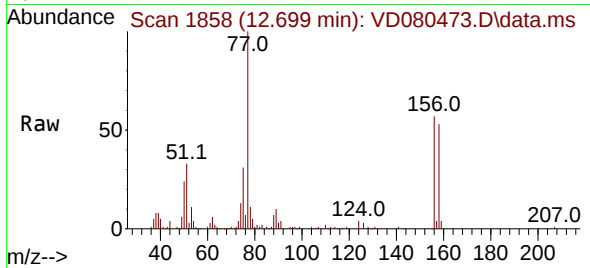




#77
Bromobenzene
Concen: 10.035 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

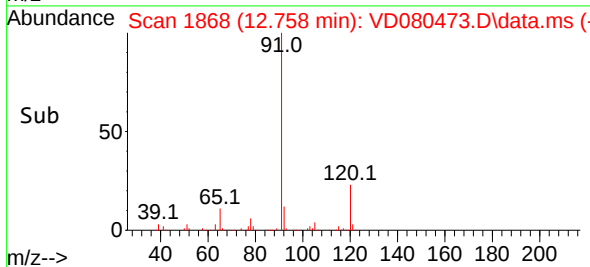
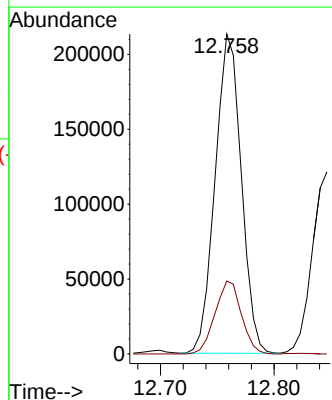
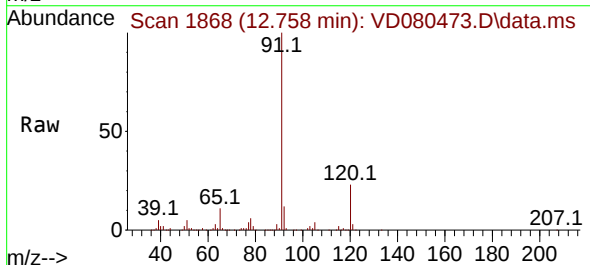
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

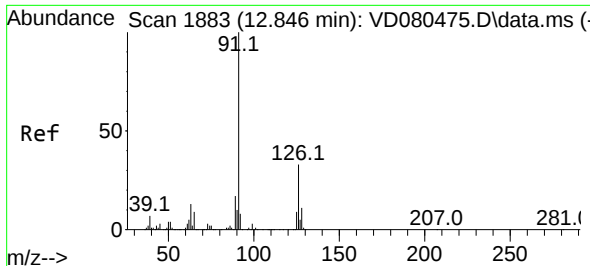
Tgt Ion:156 Resp: 63212
Ion Ratio Lower Upper
156 100
77 195.4 97.3 291.8
158 96.3 48.5 145.6



#78
n-propylbenzene
Concen: 10.041 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 91 Resp: 340471
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9

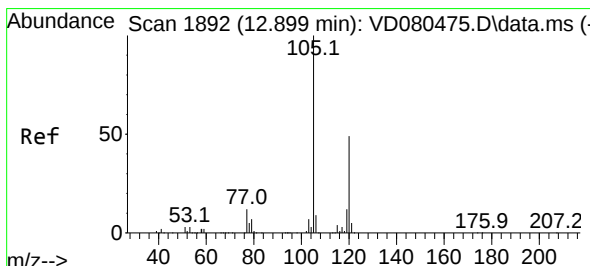
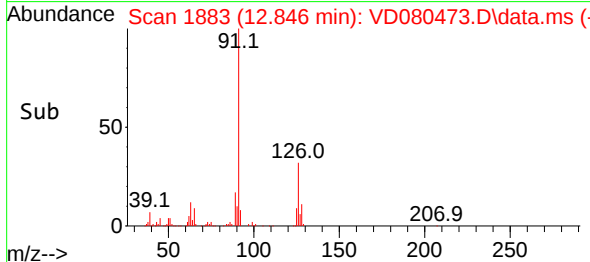
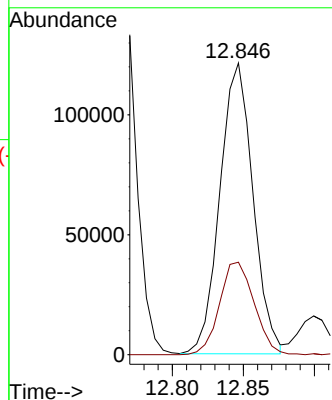
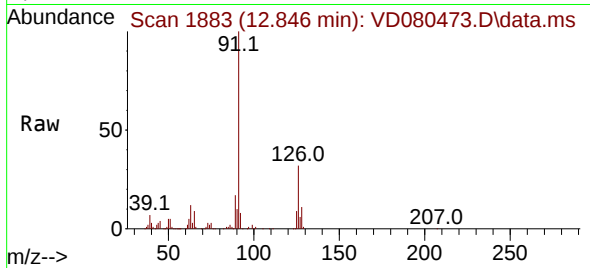




#79
2-Chlorotoluene
Concen: 10.083 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

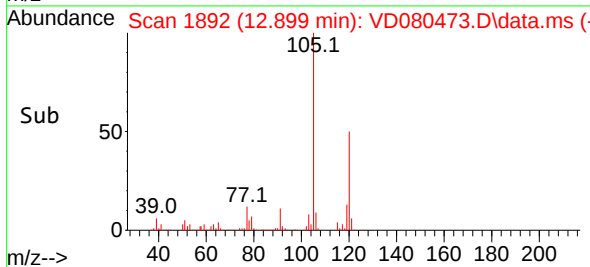
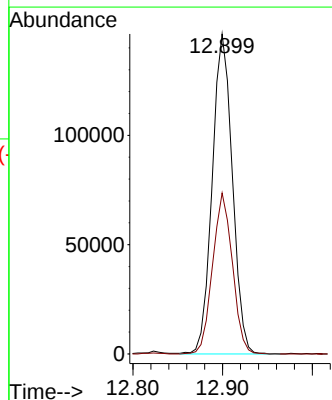
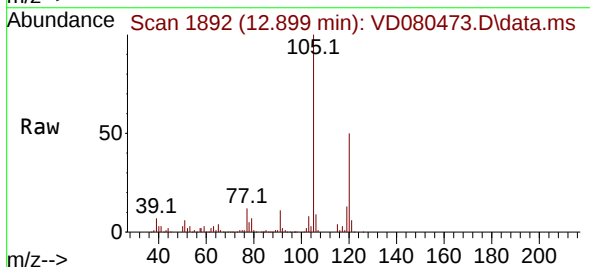
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MSVOA_D
ClientSampleId :
VSTDIC010

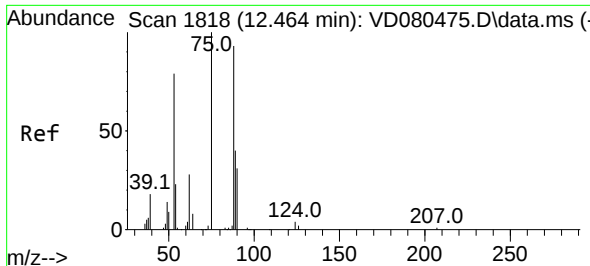
Tgt Ion: 91 Resp: 196625
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 9.992 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 105 Resp: 228232
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5

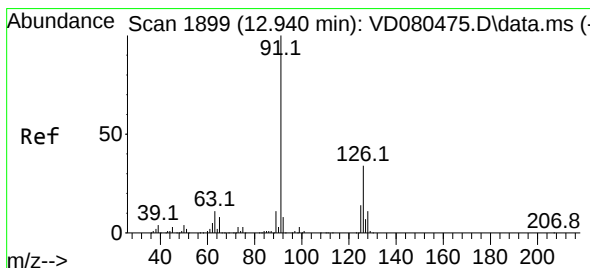
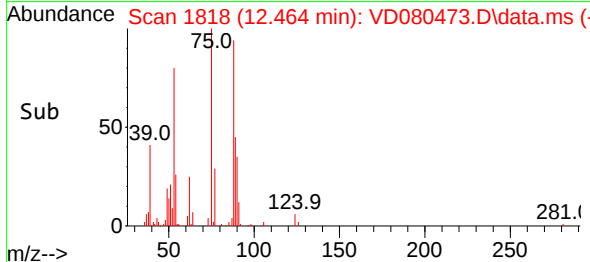
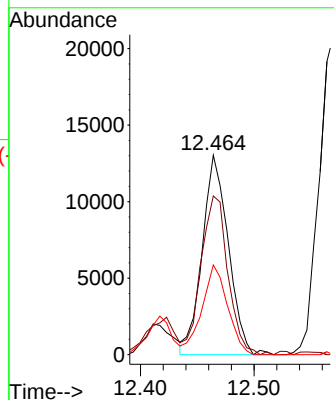
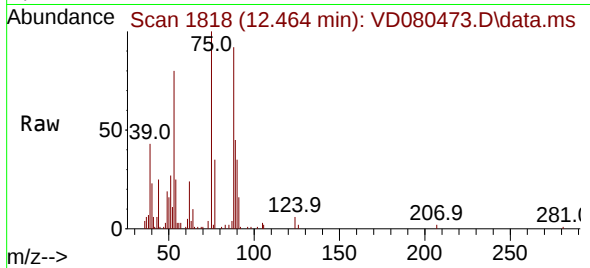




#81
trans-1,4-Dichloro-2-butene
Concen: 10.025 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

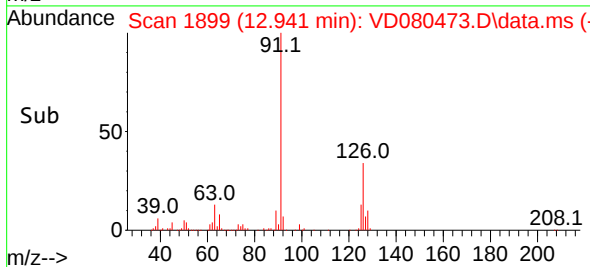
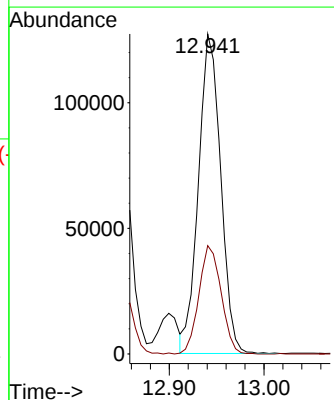
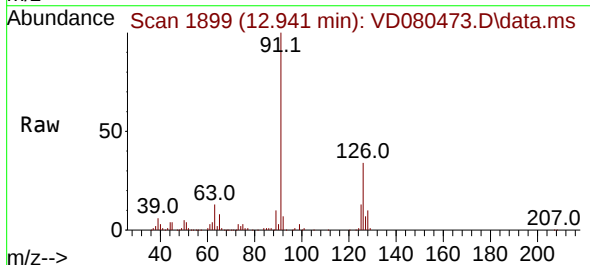
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

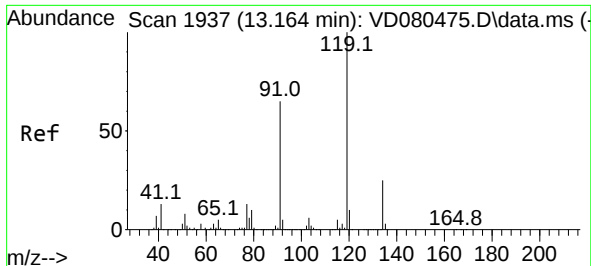
Tgt Ion: 75 Resp: 20779
Ion Ratio Lower Upper
75 100
53 82.5 61.5 92.3
89 44.4 33.0 49.6



#82
4-Chlorotoluene
Concen: 10.353 ug/l
RT: 12.941 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 91 Resp: 207379
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9

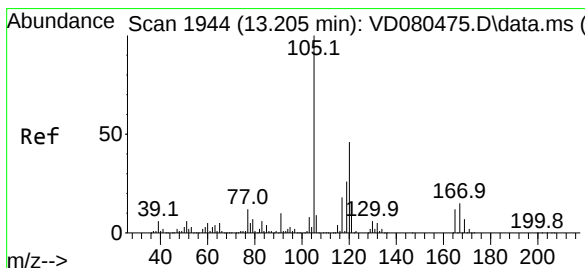
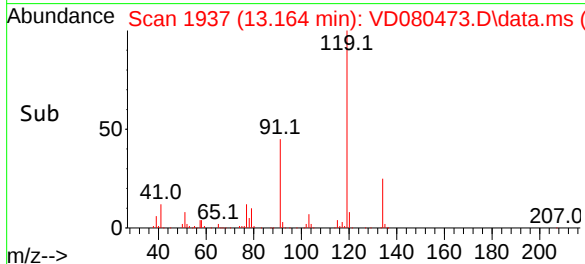
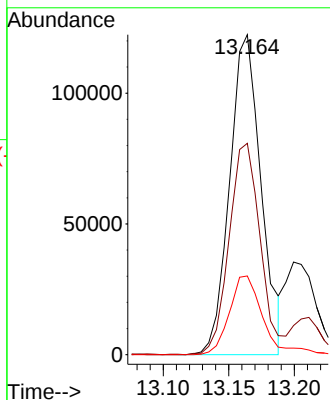
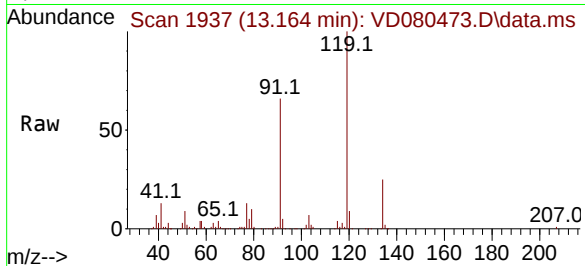




#83
 tert-Butylbenzene
 Concen: 10.213 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

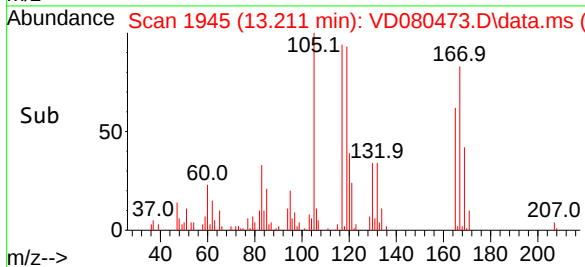
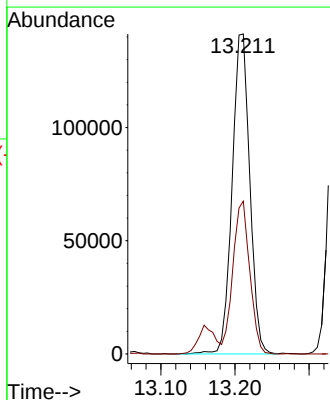
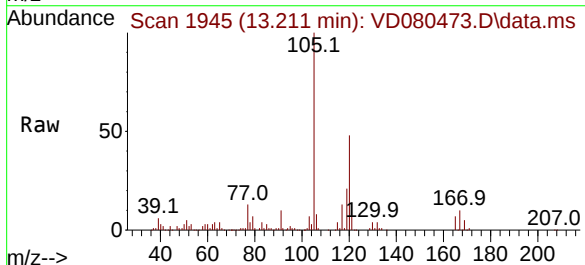
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

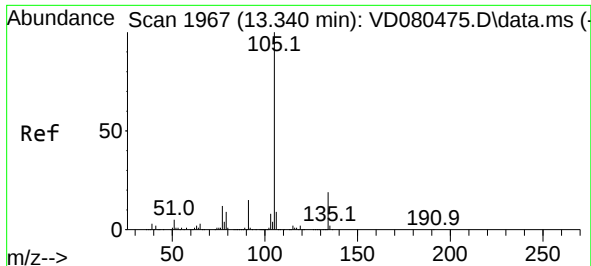
Tgt Ion:119 Resp: 204041
 Ion Ratio Lower Upper
 119 100
 91 65.9 32.4 97.2
 134 26.3 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 10.231 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

Tgt Ion:105 Resp: 233310
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.8 68.3

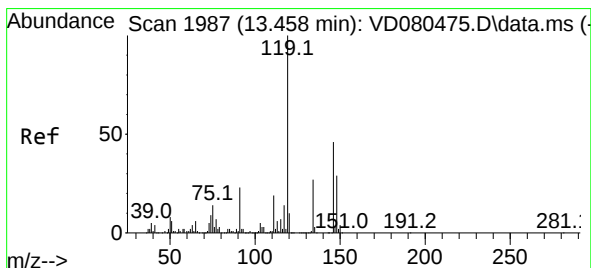
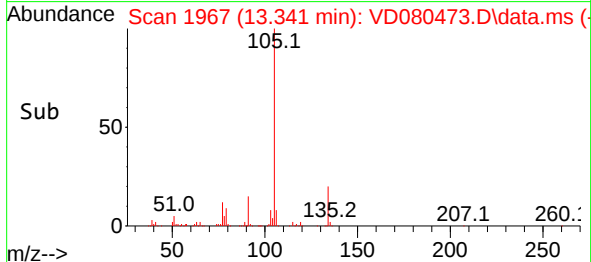
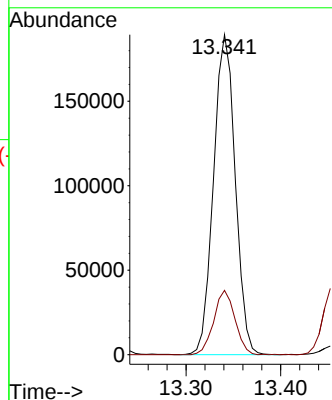
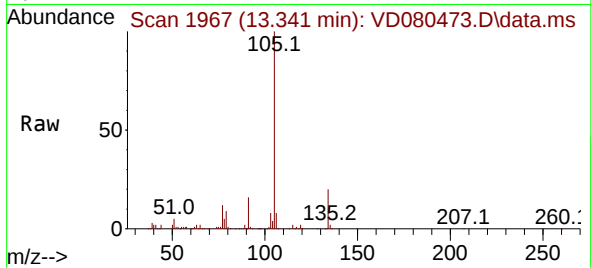




#85
 sec-Butylbenzene
 Concen: 10.221 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

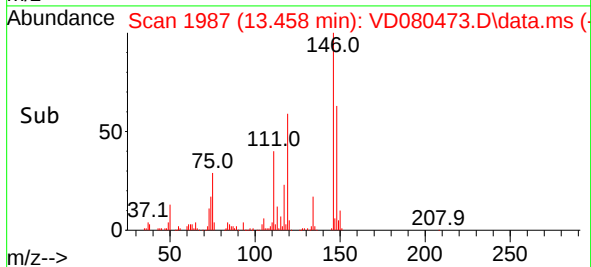
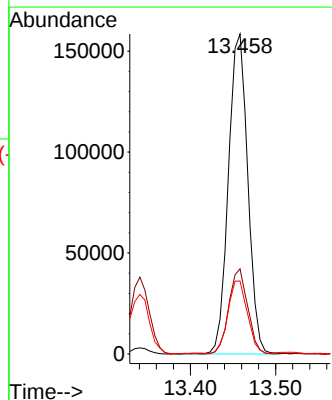
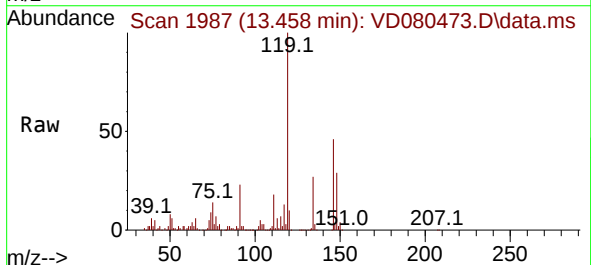
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

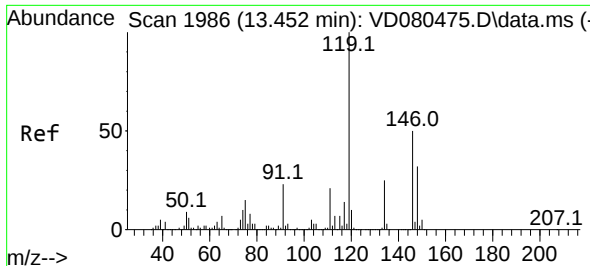
Tgt Ion:105 Resp: 301609
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 10.239 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080473.D
 Acq: 26 Jun 2025 10:17

Tgt Ion:119 Resp: 250023
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 23.1 11.5 34.5

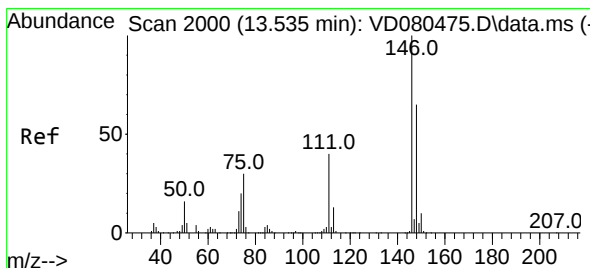
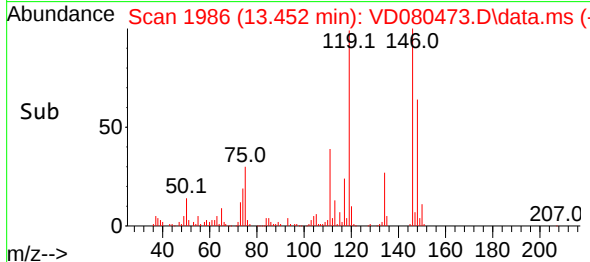
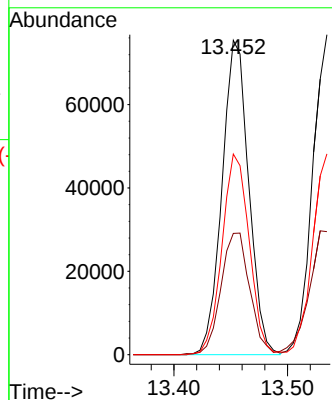
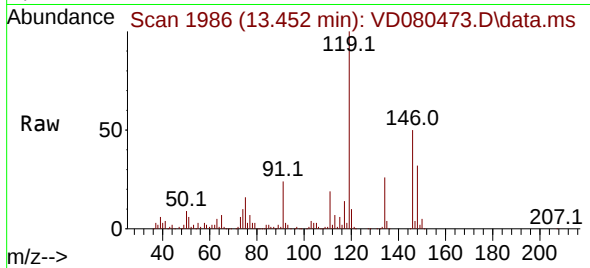




#87
1,3-Dichlorobenzene
Concen: 10.121 ug/l
RT: 13.452 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

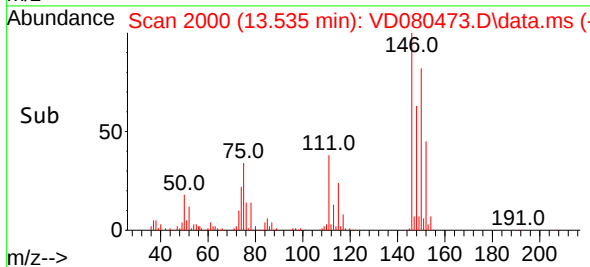
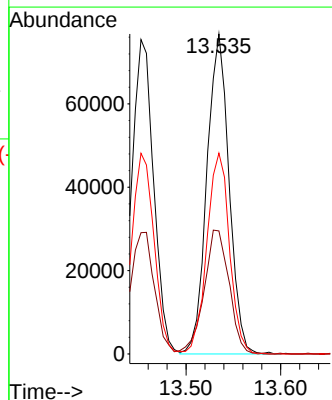
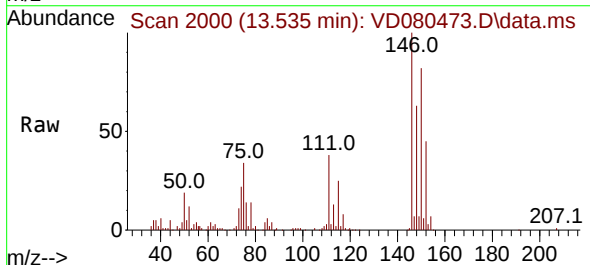
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

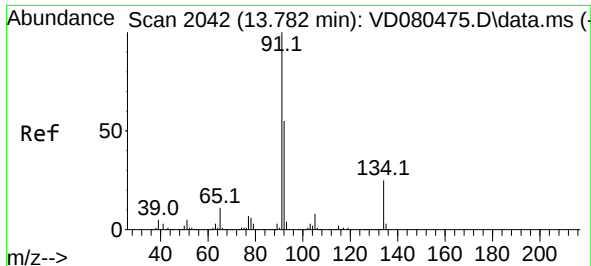
Tgt Ion:146 Resp: 123301
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 65.3 31.5 94.5



#88
1,4-Dichlorobenzene
Concen: 10.241 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion:146 Resp: 124529
Ion Ratio Lower Upper
146 100
111 43.8 20.0 60.0
148 63.9 32.1 96.3

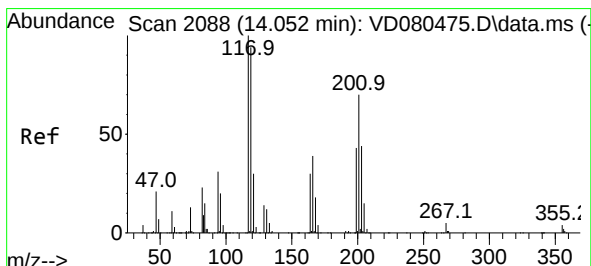
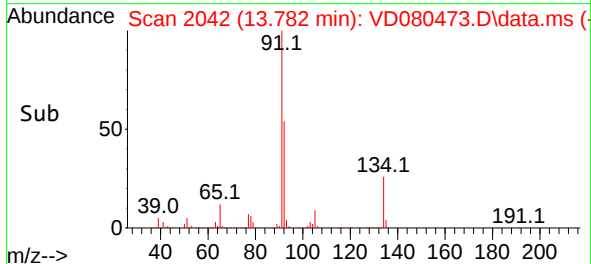
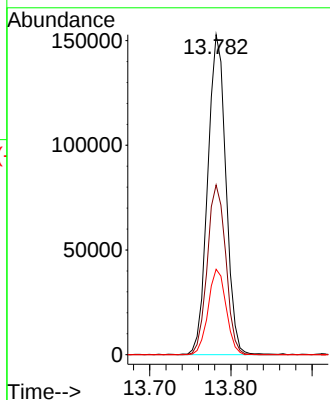
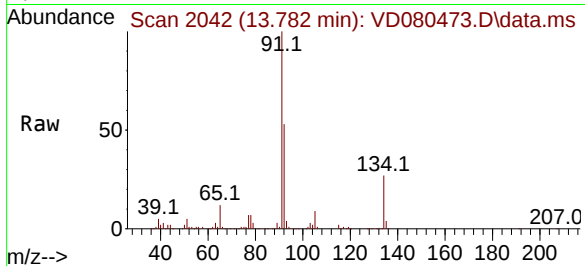




#89
n-Butylbenzene
Concen: 10.130 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

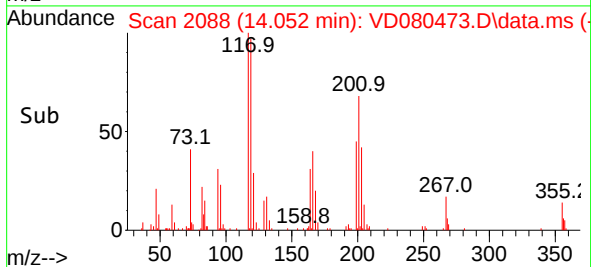
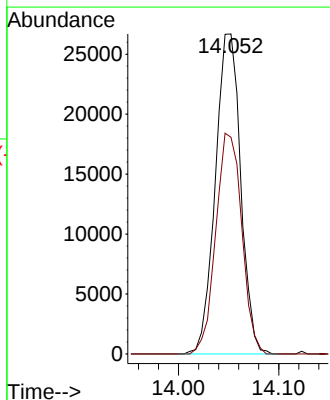
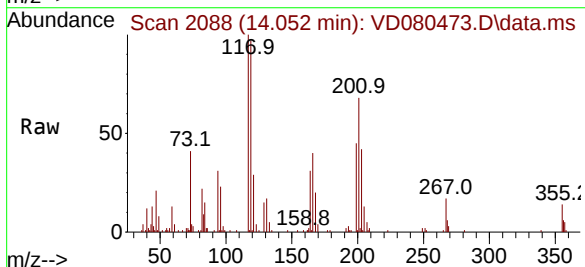
Instrument :
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ClientSampleId :
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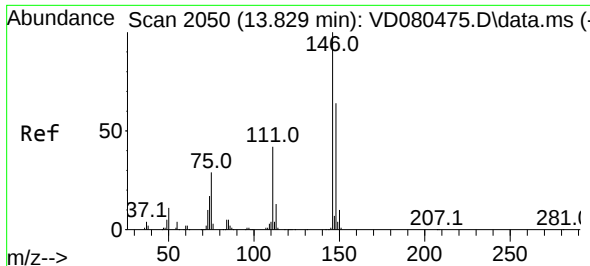
Tgt Ion: 91 Resp: 237427
Ion Ratio Lower Upper
91 100
92 53.9 27.4 82.0
134 26.4 12.6 37.8



#90
Hexachloroethane
Concen: 9.928 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 117 Resp: 46840
Ion Ratio Lower Upper
117 100
201 70.7 34.2 102.5

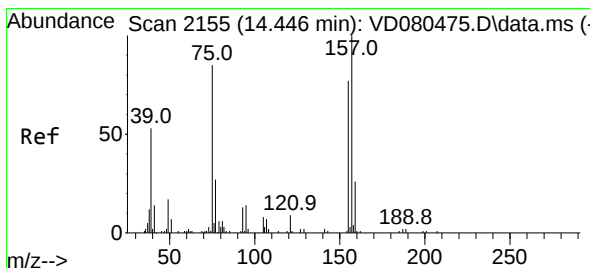
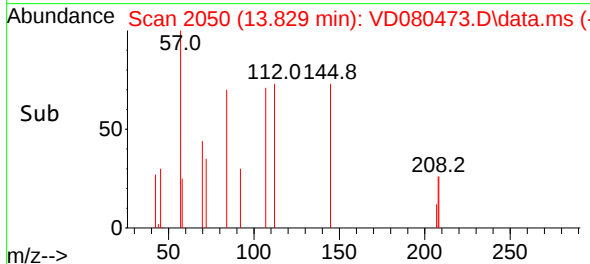
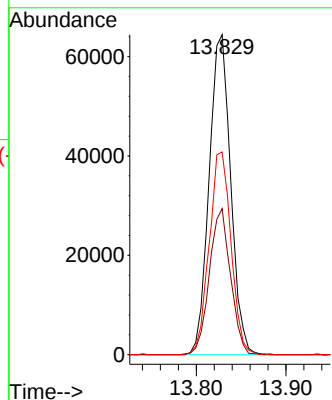
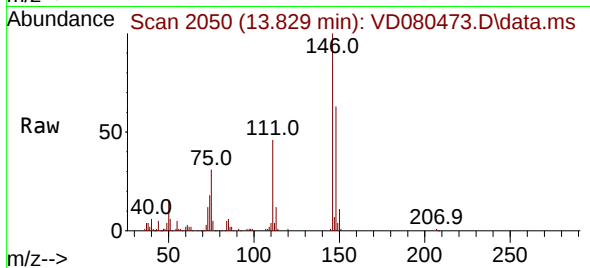




#91
1,2-Dichlorobenzene
Concen: 10.006 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

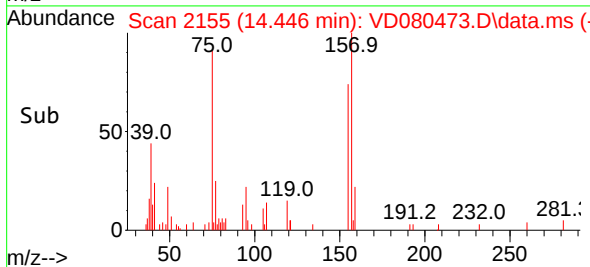
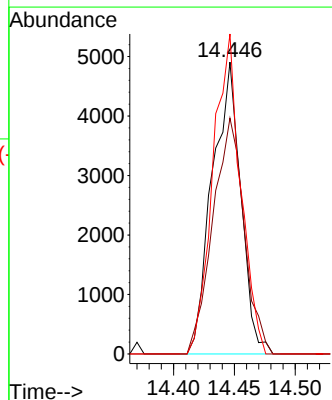
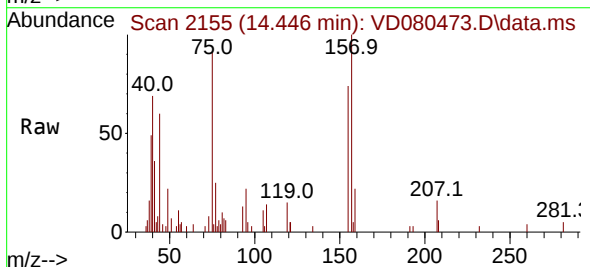
Instrument :
MSVOA_D
ClientSampleId :
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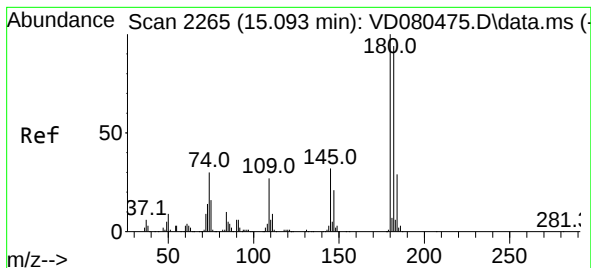
Tgt Ion:146 Resp: 107303
Ion Ratio Lower Upper
146 100
111 44.8 21.3 63.7
148 64.1 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.092 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VD080473.D
Acq: 26 Jun 2025 10:17

Tgt Ion: 75 Resp: 7983
Ion Ratio Lower Upper
75 100
155 88.5 45.6 136.8
157 106.7 58.6 175.8





#93

1,2,4-Trichlorobenzene

Concen: 10.069 ug/l

RT: 15.093 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

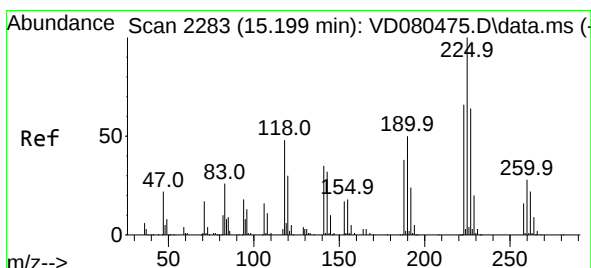
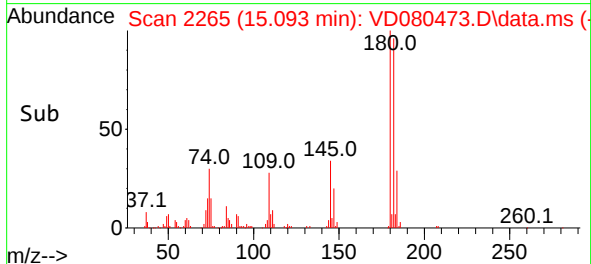
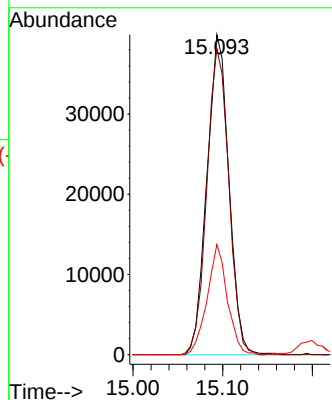
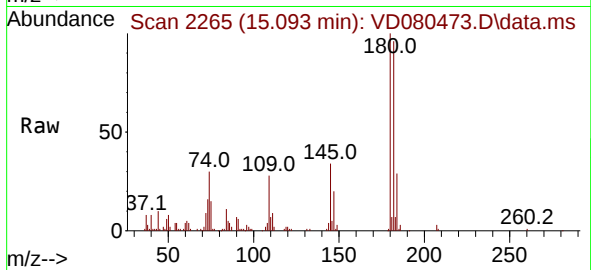
Tgt Ion:180 Resp: 67655

Ion Ratio Lower Upper

180 100

182 95.9 46.8 140.4

145 31.6 16.0 47.9



#94

Hexachlorobutadiene

Concen: 9.984 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

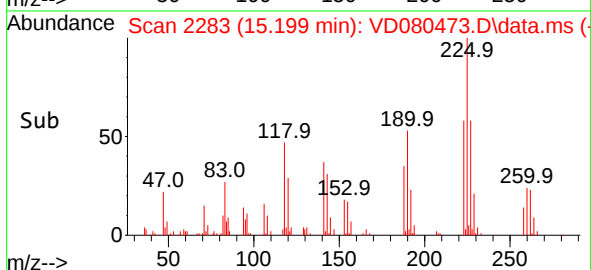
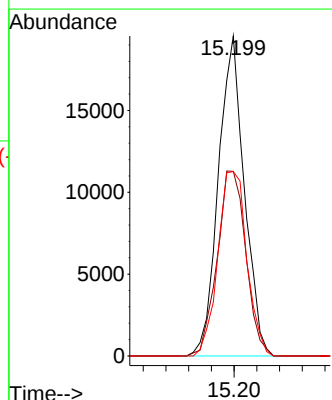
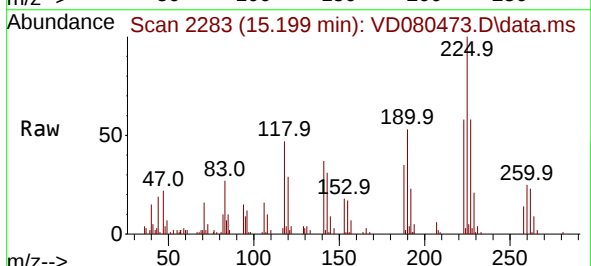
Tgt Ion:225 Resp: 30969

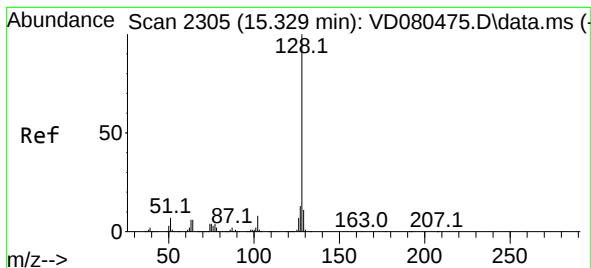
Ion Ratio Lower Upper

225 100

223 63.8 31.4 94.2

227 64.2 31.8 95.3





#95

Naphthalene

Concen: 9.889 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

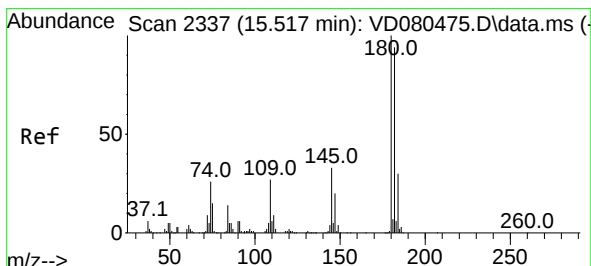
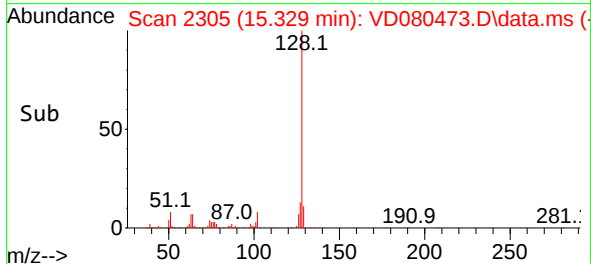
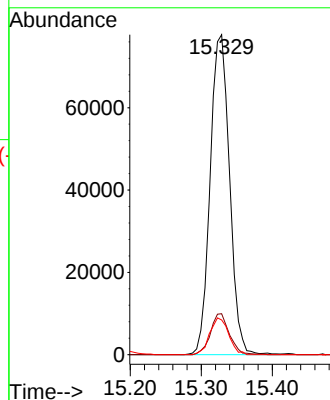
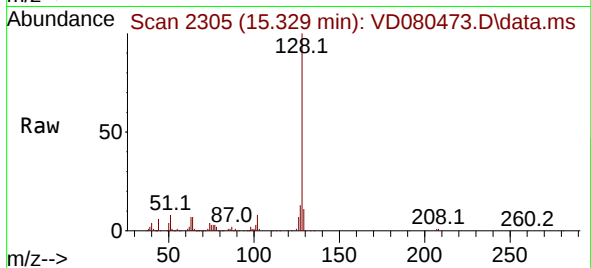
Tgt Ion:128 Resp: 147638

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 9.955 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080473.D

Acq: 26 Jun 2025 10:17

Tgt Ion:180 Resp: 57516

Ion Ratio Lower Upper

180 100

182 97.0 47.3 141.9

145 34.1 16.7 50.1

