

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080472.D
 Acq On : 26 Jun 2025 09:51
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 27 04:57:34 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	521598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	941653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	815401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	372543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	20029	3.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	7.840%#
35) Dibromofluoromethane	7.805	113	20304	3.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	7.700%#
50) Toluene-d8	10.264	98	84408	3.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	7.920%#
62) 4-Bromofluorobenzene	12.570	95	28905	4.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	8.280%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	24197	5.218	ug/l	99
3) Chloromethane	2.147	50	32048	4.949	ug/l	96
4) Vinyl Chloride	2.288	62	31627	4.814	ug/l	99
5) Bromomethane	2.694	94	19874	5.474	ug/l	96
6) Chloroethane	2.841	64	19525	4.735	ug/l	96
7) Trichlorofluoromethane	3.182	101	41062	4.969	ug/l	98
8) Diethyl Ether	3.588	74	15025	4.670	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.970	101	27480	5.026	ug/l	96
10) Methyl Iodide	4.170	142	26447	4.108	ug/l	99
11) Tert butyl alcohol	5.059	59	9487	22.786	ug/l #	87
12) 1,1-Dichloroethene	3.935	96	29631	5.020	ug/l	86
13) Acrolein	3.794	56	15365	27.081	ug/l	87
14) Allyl chloride	4.559	41	47985	4.642	ug/l	96
15) Acrylonitrile	5.258	53	36583	23.901	ug/l	96
16) Acetone	4.017	43	36181	27.385	ug/l	97
17) Carbon Disulfide	4.276	76	87870	4.714	ug/l	96
18) Methyl Acetate	4.564	43	18626	4.635	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	68590	4.675	ug/l	98
20) Methylene Chloride	4.806	84	56094	4.949	ug/l	95
21) trans-1,2-Dichloroethene	5.317	96	32869	4.992	ug/l	84
22) Diisopropyl ether	6.211	45	97685	4.895	ug/l	99
23) Vinyl Acetate	6.158	43	267199	23.496	ug/l	97
24) 1,1-Dichloroethane	6.111	63	57178	4.883	ug/l	94
25) 2-Butanone	7.082	43	47682	24.589	ug/l	98
26) 2,2-Dichloropropane	7.076	77	46378	5.005	ug/l	97
27) cis-1,2-Dichloroethene	7.076	96	38406	4.879	ug/l	99
28) Bromochloromethane	7.423	49	23334	5.054	ug/l	99
29) Tetrahydrofuran	7.447	42	28967	23.711	ug/l	96
30) Chloroform	7.600	83	55425	4.944	ug/l	97
31) Cyclohexane	7.876	56	64110	5.650	ug/l #	88
32) 1,1,1-Trichloroethane	7.788	97	45907	4.898	ug/l	98
36) 1,1-Dichloropropene	8.011	75	41427	5.031	ug/l	98
37) Ethyl Acetate	7.170	43	16513	4.139	ug/l #	69
38) Carbon Tetrachloride	7.994	117	39528	5.024	ug/l	93
39) Methylcyclohexane	9.276	83	57782	5.096	ug/l	96
40) Benzene	8.247	78	130675	4.944	ug/l	97

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 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 27 04:57:34 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)
41) Methacrylonitrile	7.400	41	12455	4.869	ug/l	95
42) 1,2-Dichloroethane	8.323	62	29964	4.819	ug/l	93
43) Isopropyl Acetate	8.364	43	36858	4.679	ug/l #	88
44) Trichloroethene	9.029	130	32039	5.002	ug/l	94
45) 1,2-Dichloropropane	9.299	63	31087	4.850	ug/l	98
46) Dibromomethane	9.394	93	16601	4.857	ug/l	97
47) Bromodichloromethane	9.582	83	41628	4.913	ug/l	99
48) Methyl methacrylate	9.382	41	18171	4.560	ug/l	97
49) 1,4-Dioxane	9.382	88	4523	102.012	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	95590	23.897	ug/l	99
52) Toluene	10.329	92	83031	5.026	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	40470	4.769	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	49113	4.817	ug/l	97
55) 1,1,2-Trichloroethane	10.729	97	23522	5.049	ug/l	95
56) Ethyl methacrylate	10.599	69	32981	4.959	ug/l	96
57) 1,3-Dichloropropane	10.876	76	39700	4.870	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	61845	24.349	ug/l	99
59) 2-Hexanone	10.917	43	69925	24.700	ug/l	100
60) Dibromochloromethane	11.070	129	28858	5.018	ug/l	97
61) 1,2-Dibromoethane	11.176	107	21170	4.752	ug/l	98
64) Tetrachloroethene	10.811	164	25423	5.023	ug/l	86
65) Chlorobenzene	11.605	112	88527	5.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.682	131	27138	4.910	ug/l	96
67) Ethyl Benzene	11.682	91	153810	5.000	ug/l	96
68) m/p-Xylenes	11.788	106	115534	9.864	ug/l	99
69) o-Xylene	12.117	106	57688	5.104	ug/l	97
70) Styrene	12.135	104	93921	4.913	ug/l	99
71) Bromoform	12.293	173	15495	4.922	ug/l #	96
73) Isopropylbenzene	12.417	105	143566	4.957	ug/l	100
74) N-amyl acetate	12.229	43	36693	4.839	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	25559	4.740	ug/l	96
76) 1,2,3-Trichloropropane	12.717	75	32662	10.234	ug/l #	100
77) Bromobenzene	12.693	156	30793	4.755	ug/l	98
78) n-propylbenzene	12.758	91	174106	4.994	ug/l	98
79) 2-Chlorotoluene	12.846	91	99799	4.977	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	117531	5.005	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	10265	4.817	ug/l	99
82) 4-Chlorotoluene	12.940	91	102503	4.977	ug/l	98
83) tert-Butylbenzene	13.164	119	102099	4.970	ug/l	97
84) 1,2,4-Trimethylbenzene	13.205	105	116429	4.966	ug/l	98
85) sec-Butylbenzene	13.340	105	151267	4.986	ug/l	99
86) p-Isopropyltoluene	13.458	119	127914	5.095	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	62498	4.990	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	62323	4.985	ug/l	93
89) n-Butylbenzene	13.782	91	122159	5.070	ug/l	98
90) Hexachloroethane	14.046	117	24656	5.083	ug/l	93
91) 1,2-Dichlorobenzene	13.829	146	54906	4.980	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	4076	5.012	ug/l	88
93) 1,2,4-Trichlorobenzene	15.093	180	34093	4.935	ug/l	99
94) Hexachlorobutadiene	15.199	225	16032	5.027	ug/l	95
95) Naphthalene	15.323	128	74512	4.854	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	28518	4.801	ug/l	94

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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

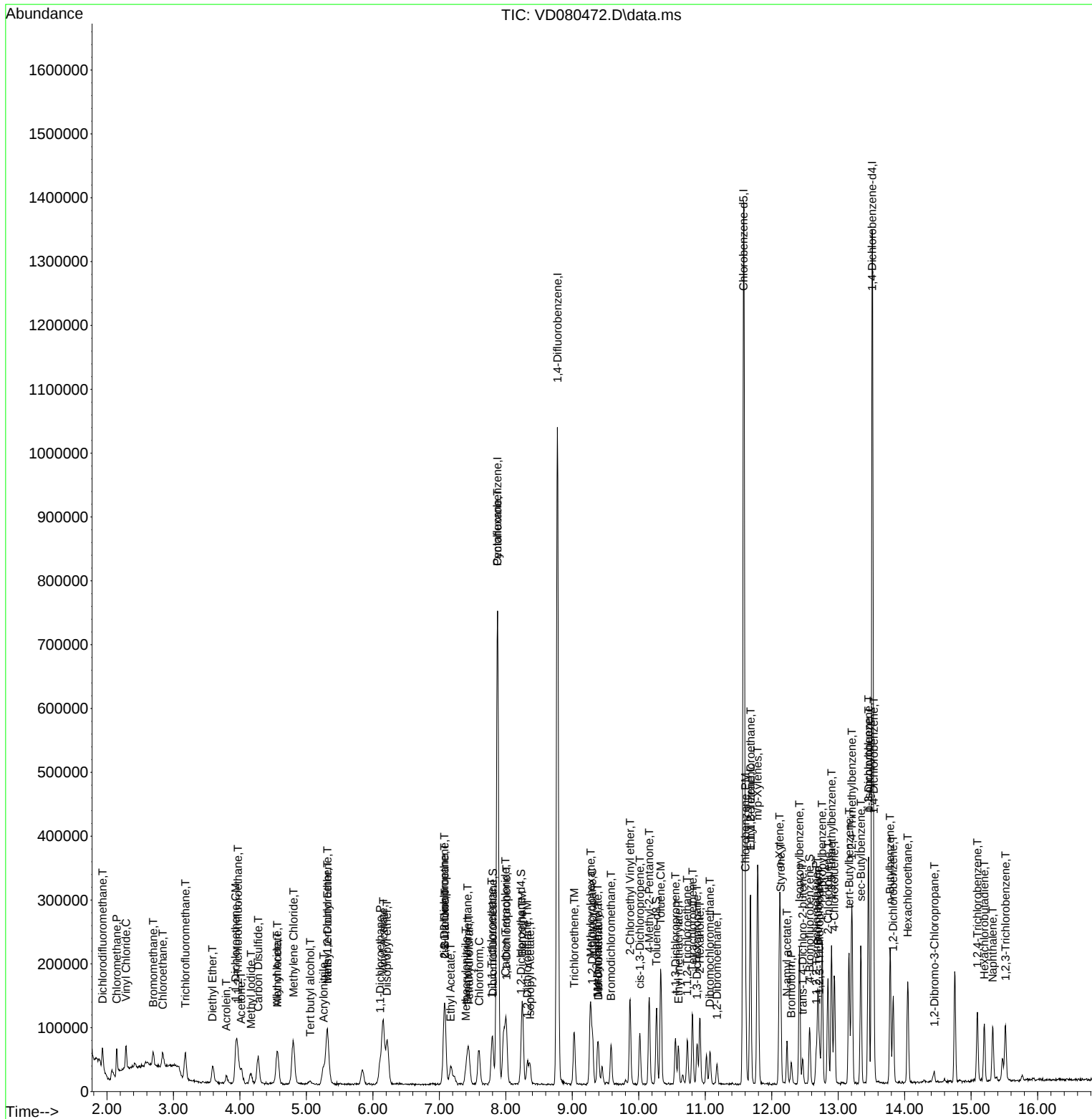
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MSVOA_D
ClientSampleId :
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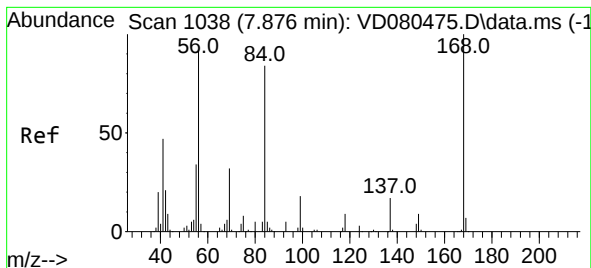
Quant Time: Jun 27 04:57:34 2025
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Quant Title : SW846 8260
QLast Update : Fri Jun 27 04:51:56 2025
Response via : Initial Calibration

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

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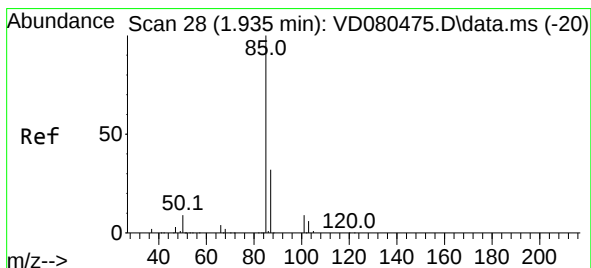
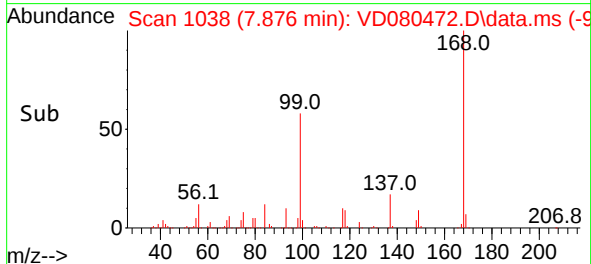
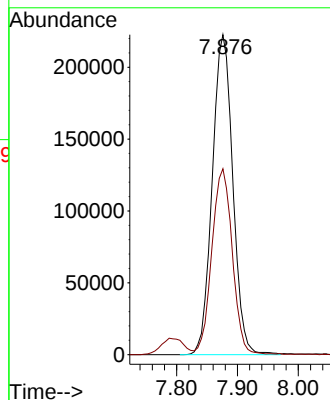
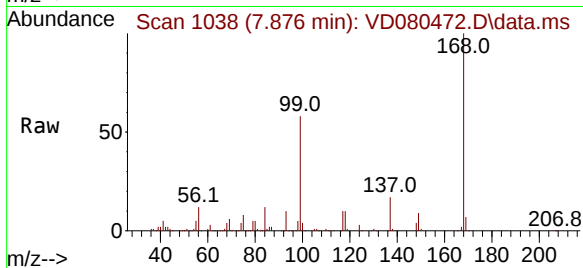




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

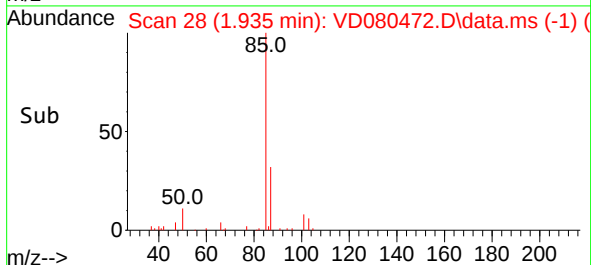
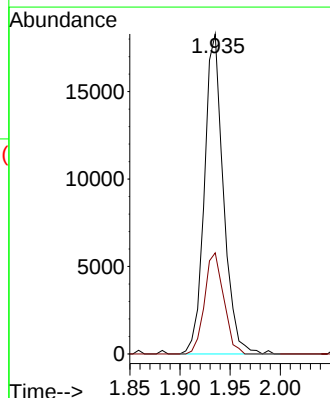
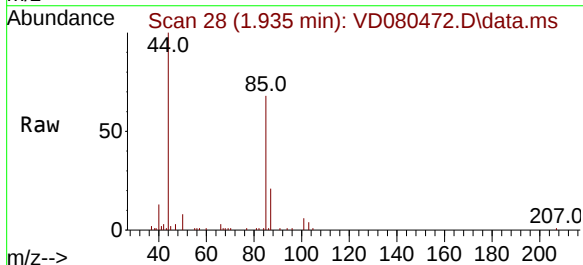
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

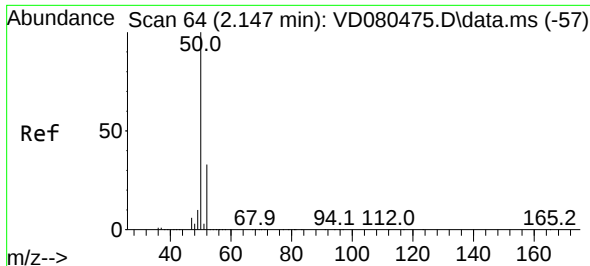
Tgt Ion:168 Resp: 521598
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 5.218 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 85 Resp: 24197
Ion Ratio Lower Upper
85 100
87 31.6 16.0 47.9

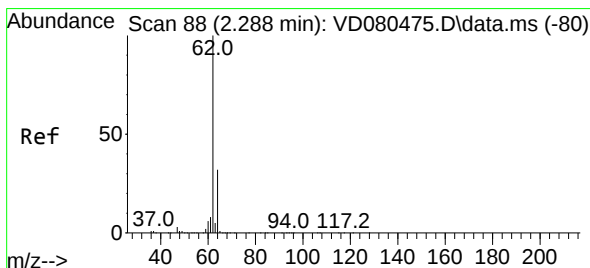
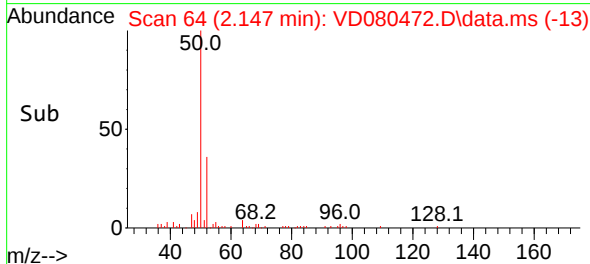
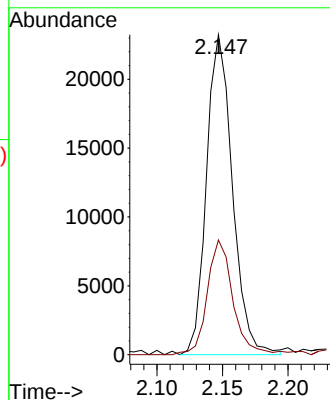
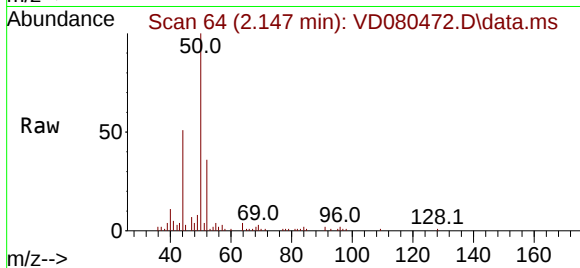




#3
Chloromethane
Concen: 4.949 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

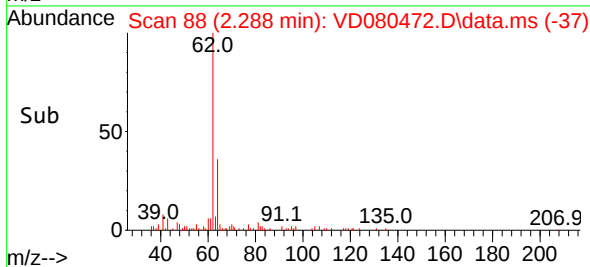
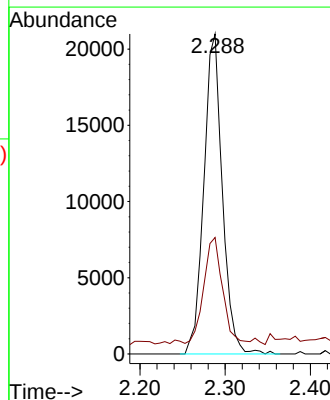
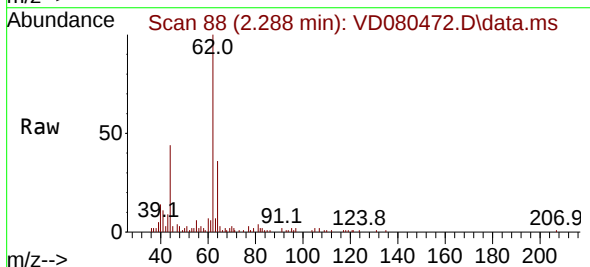
Instrument :
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ClientSampleId :
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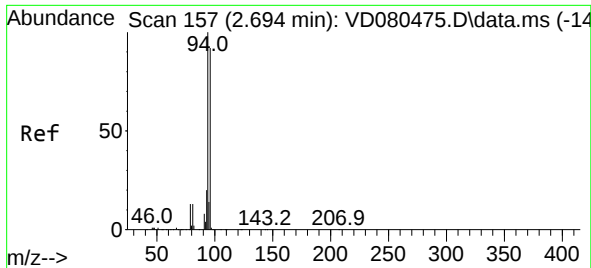
Tgt Ion: 50 Resp: 32048
Ion Ratio Lower Upper
50 100
52 35.1 26.1 39.1



#4
Vinyl Chloride
Concen: 4.814 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 62 Resp: 31627
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

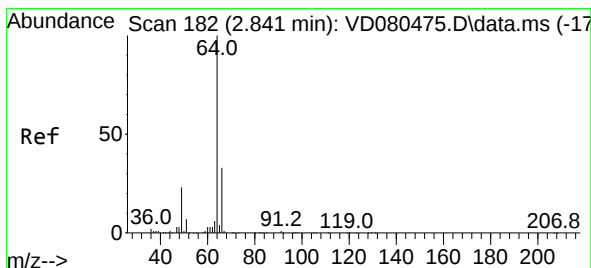
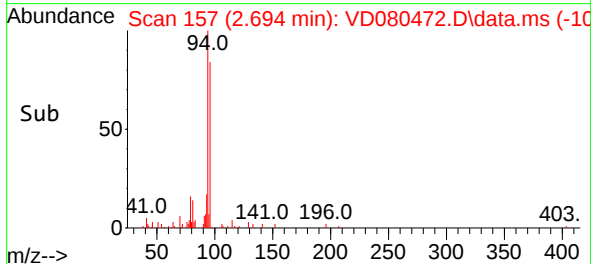
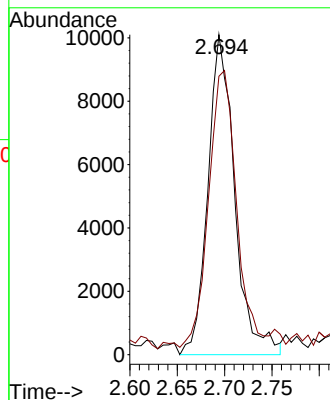
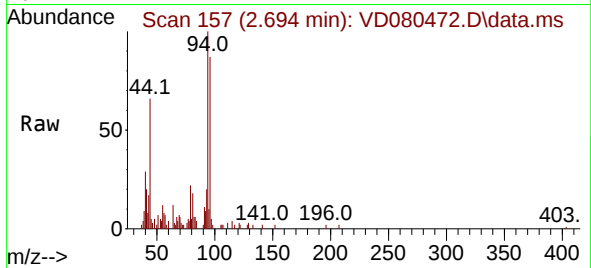




#5
Bromomethane
Concen: 5.474 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

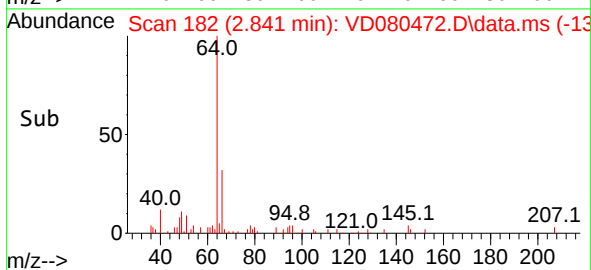
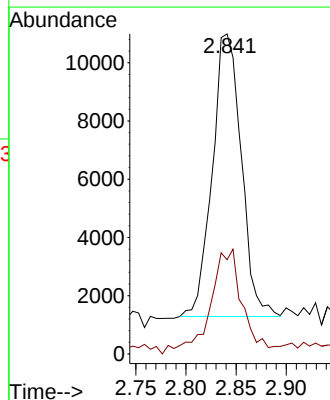
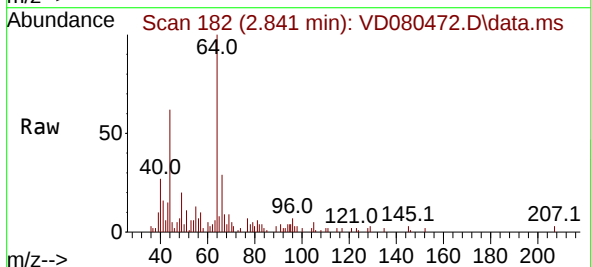
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ClientSampleId :
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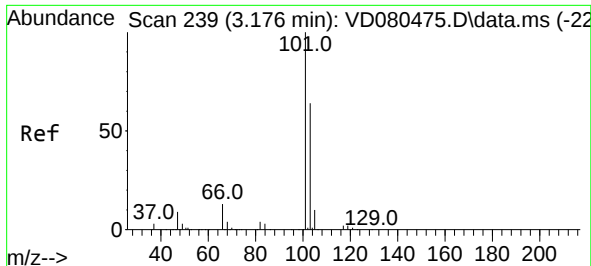
Tgt Ion: 94 Resp: 19874
Ion Ratio Lower Upper
94 100
96 89.9 74.8 112.2



#6
Chloroethane
Concen: 4.735 ug/l
RT: 2.841 min Scan# 182
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 64 Resp: 19525
Ion Ratio Lower Upper
64 100
66 30.7 26.3 39.5

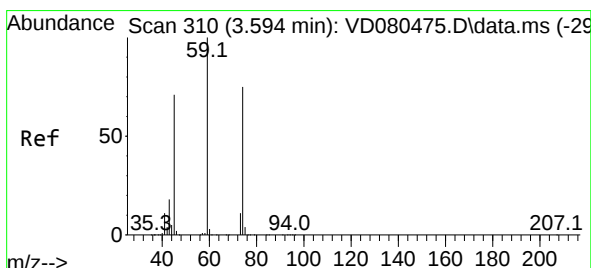
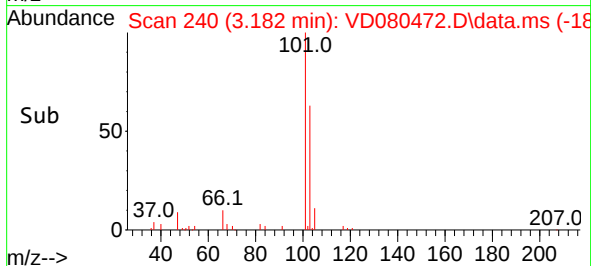
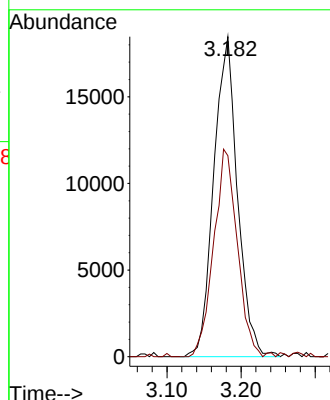
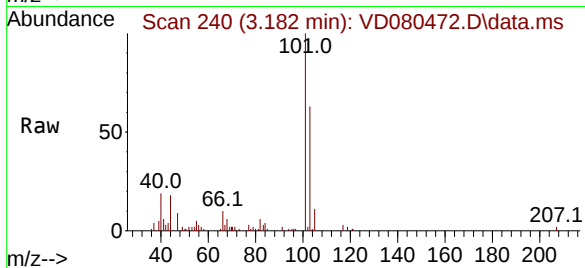




#7
 Trichlorofluoromethane
 Concen: 4.969 ug/l
 RT: 3.182 min Scan# 240
 Delta R.T. 0.006 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

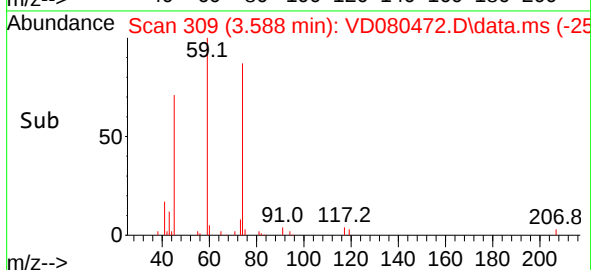
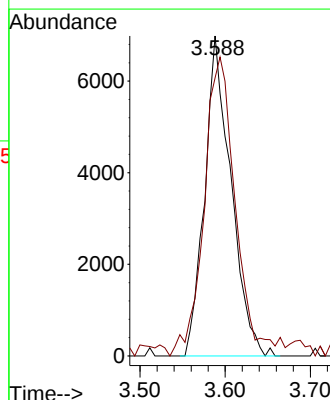
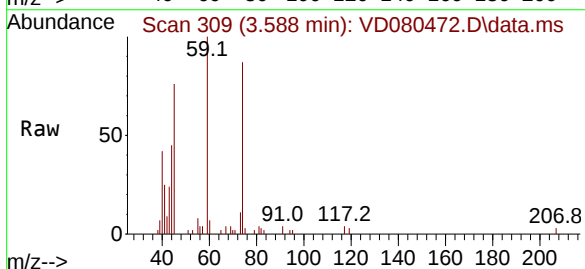
Instrument :
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 ClientSampleId :
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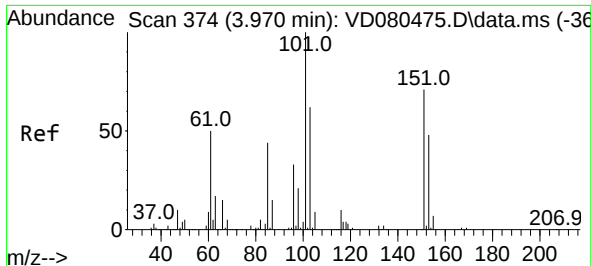
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 Ion Ratio Lower Upper
 101 100
 103 62.8 51.3 76.9



#8
 Diethyl Ether
 Concen: 4.670 ug/l
 RT: 3.588 min Scan# 309
 Delta R.T. -0.006 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

Tgt Ion: 74 Resp: 15025
 Ion Ratio Lower Upper
 74 100
 45 110.1 46.6 139.8

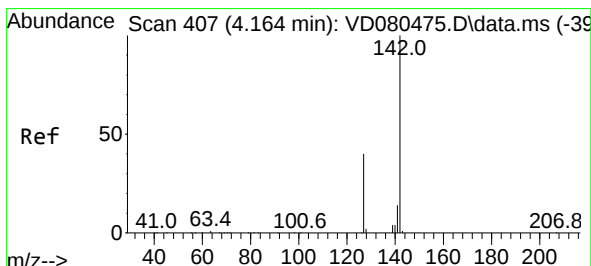
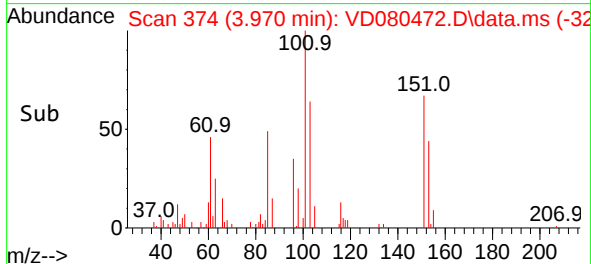
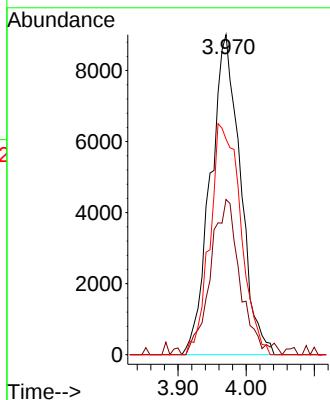
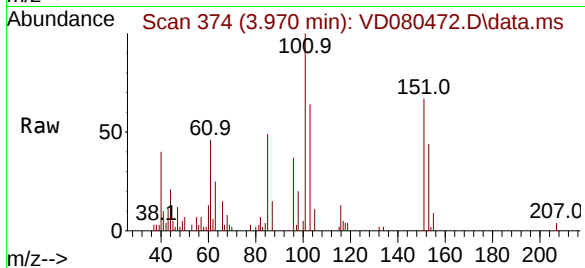




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.026 ug/l
RT: 3.970 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

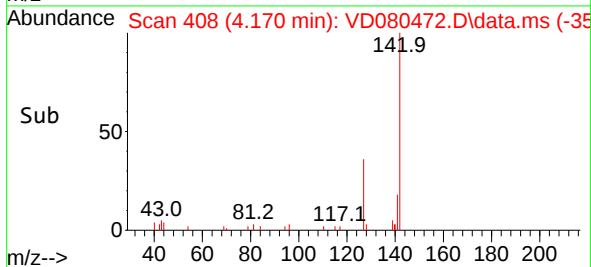
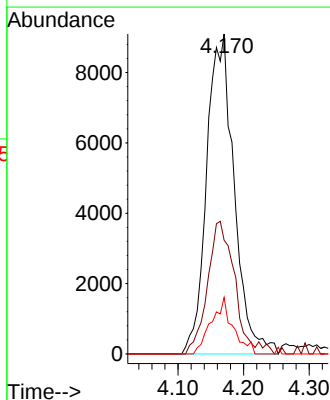
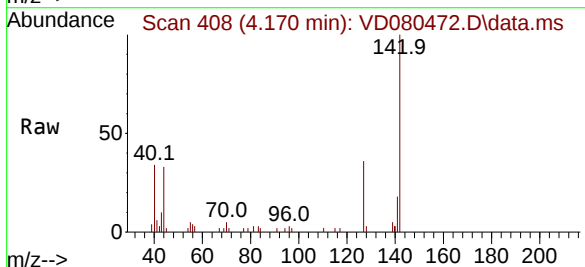
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

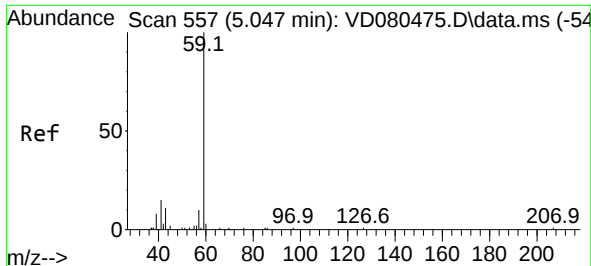
Tgt Ion:	101	Resp:	27480
Ion	Ratio	Lower	Upper
101	100		
85	47.7	34.0	51.0
151	74.3	58.4	87.6



#10
Methyl Iodide
Concen: 4.108 ug/l
RT: 4.170 min Scan# 408
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion:	142	Resp:	26447
Ion	Ratio	Lower	Upper
142	100		
127	39.8	32.6	49.0
141	13.8	11.1	16.7

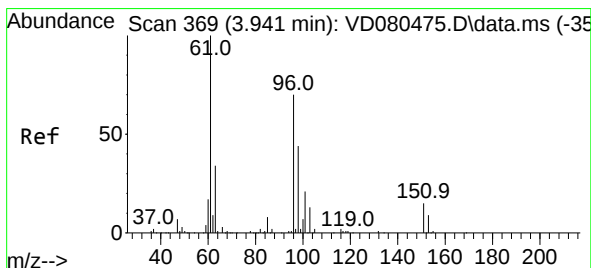
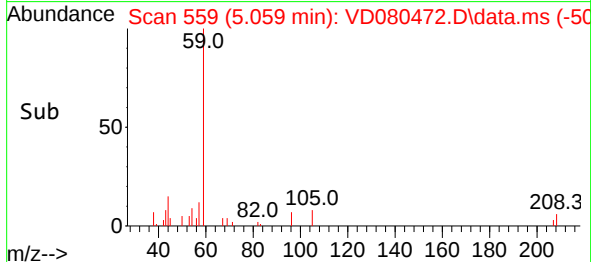
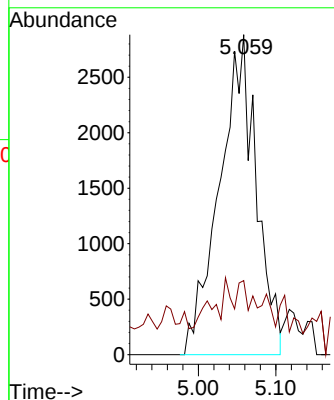
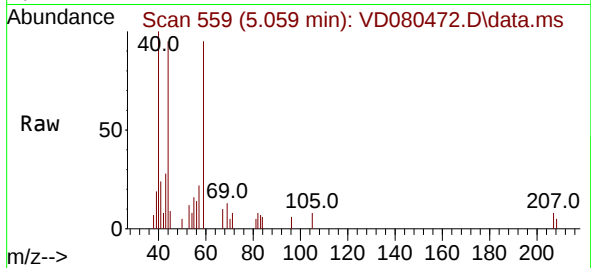




#11
Tert butyl alcohol
Concen: 22.786 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

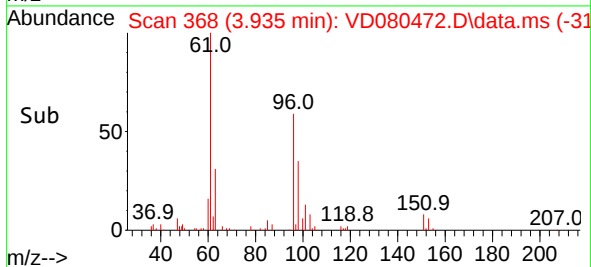
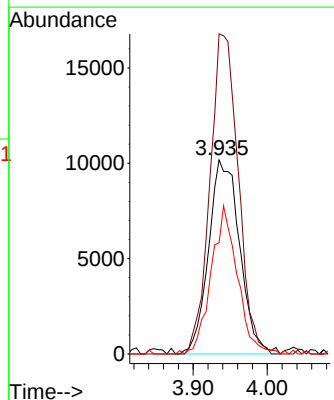
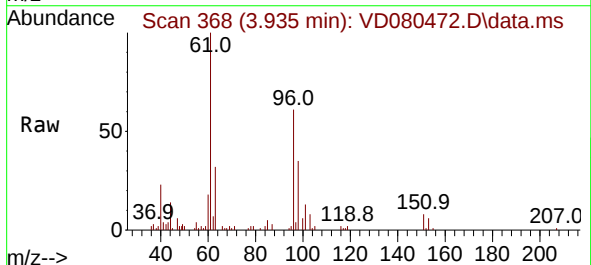
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

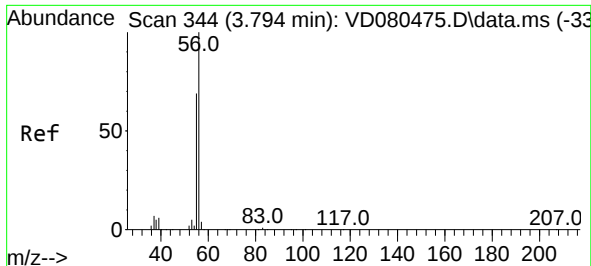
Tgt Ion: 59 Resp: 9487
Ion Ratio Lower Upper
59 100
57 6.2 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 5.020 ug/l
RT: 3.935 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 96 Resp: 29631
Ion Ratio Lower Upper
96 100
61 164.9 114.9 172.3
98 57.3 50.5 75.7

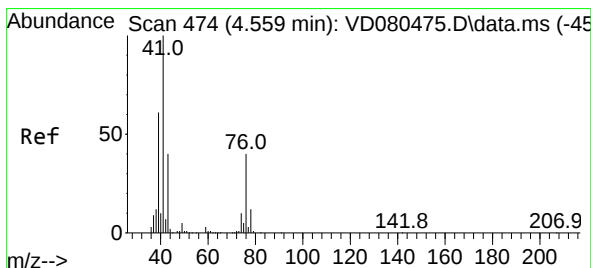
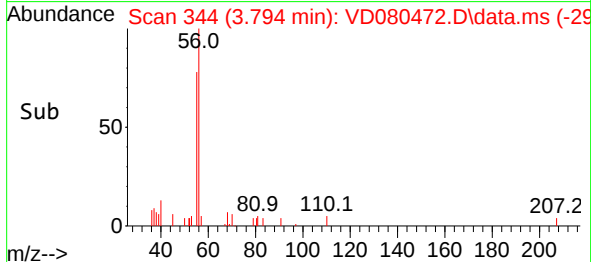
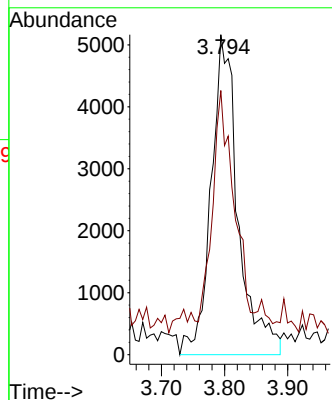
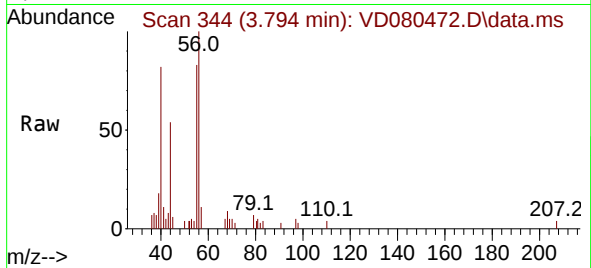




#13
Acrolein
Concen: 27.081 ug/l
RT: 3.794 min Scan# 344
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

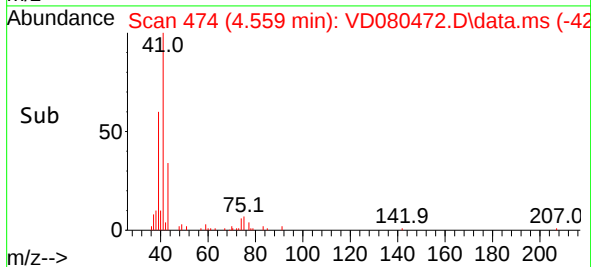
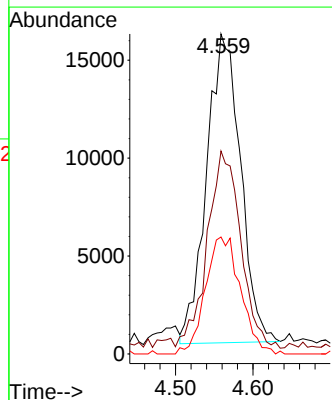
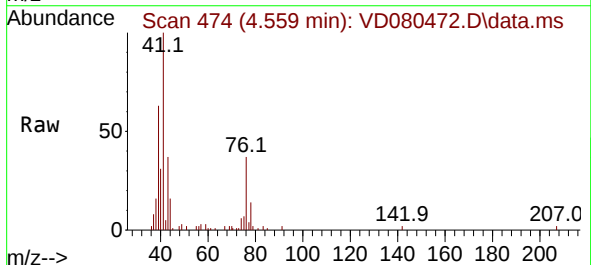
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

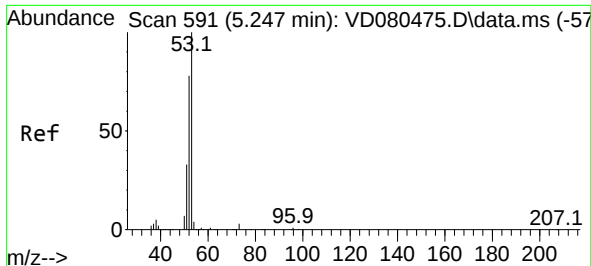
Tgt Ion: 56 Resp: 15365
Ion Ratio Lower Upper
56 100
55 59.9 56.2 84.2



#14
Allyl chloride
Concen: 4.642 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 41 Resp: 47985
Ion Ratio Lower Upper
41 100
39 63.0 47.4 71.2
76 39.3 30.5 45.7

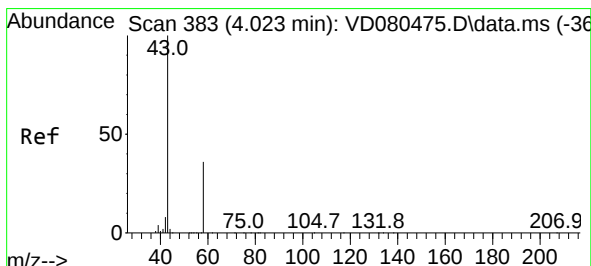
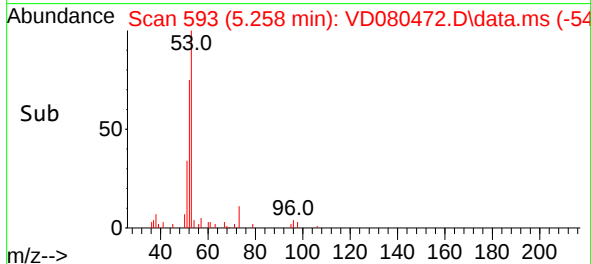
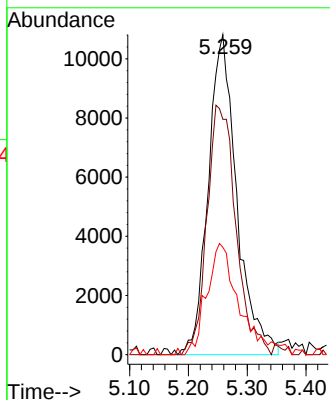
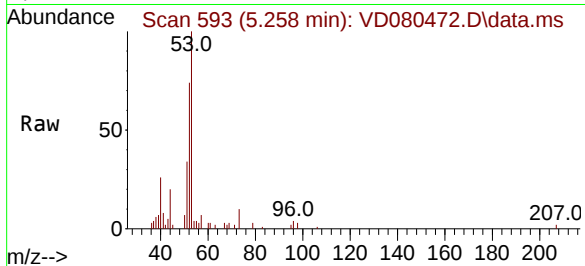




#15
Acrylonitrile
Concen: 23.901 ug/l
RT: 5.258 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

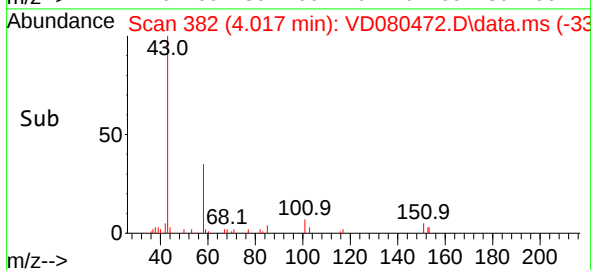
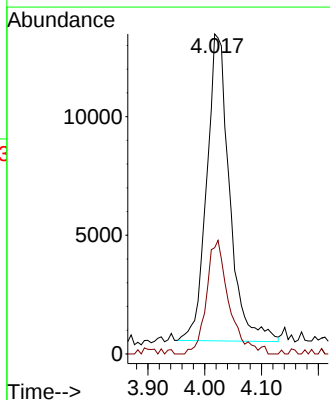
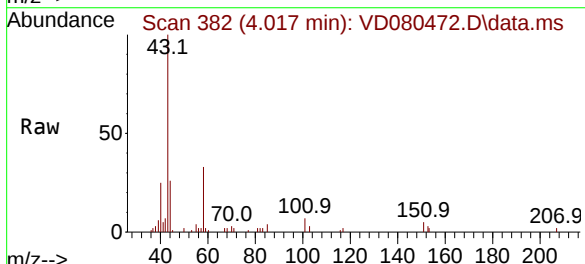
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

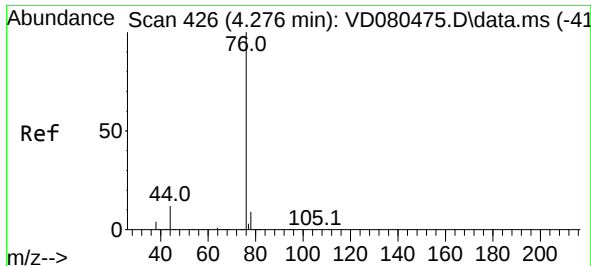
Tgt Ion: 53	Resp: 36583
Ion Ratio	Lower Upper
53 100	
52 78.6	64.7 97.1
51 39.6	27.9 41.9



#16
Acetone
Concen: 27.385 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 43	Resp: 36181
Ion Ratio	Lower Upper
43 100	
58 34.7	29.0 43.4

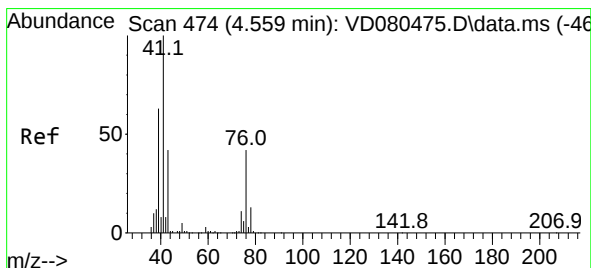
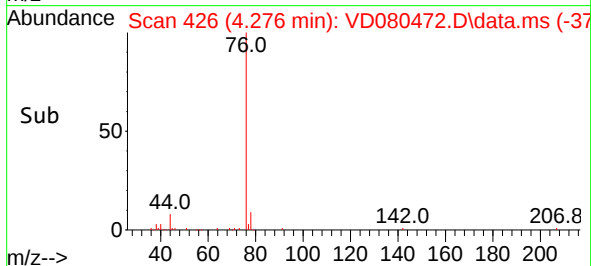
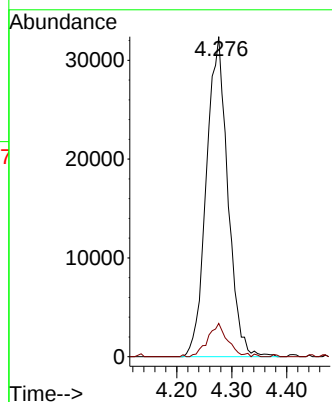
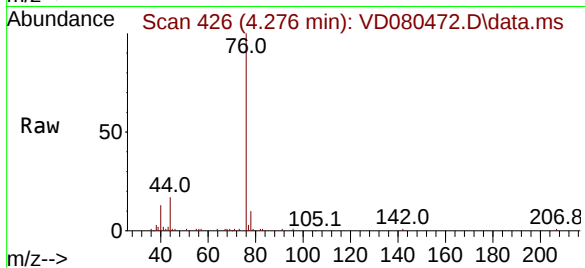




#17
Carbon Disulfide
Concen: 4.714 ug/l
RT: 4.276 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

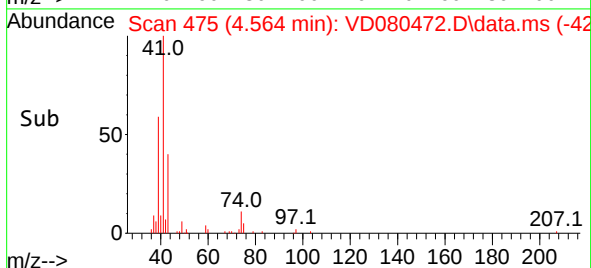
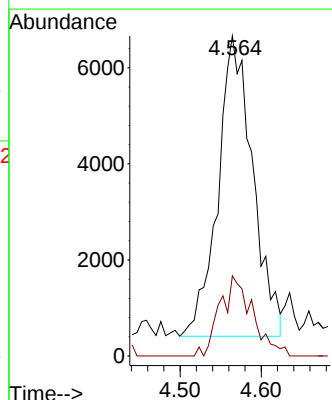
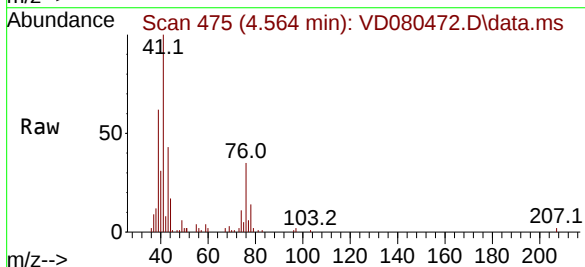
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

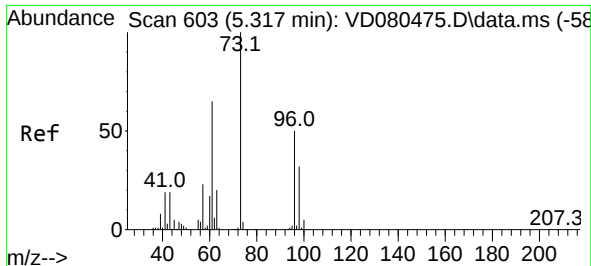
Tgt Ion: 76 Resp: 87870
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8



#18
Methyl Acetate
Concen: 4.635 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 43 Resp: 18626
Ion Ratio Lower Upper
43 100
74 25.0 20.4 30.6

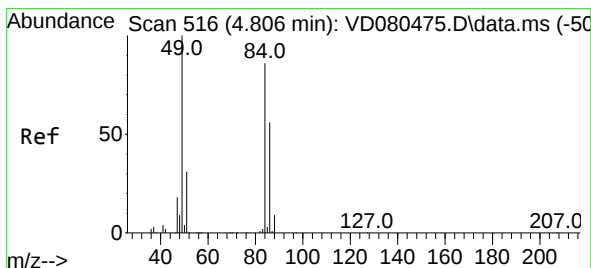
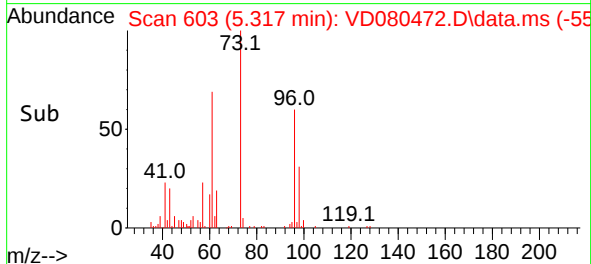
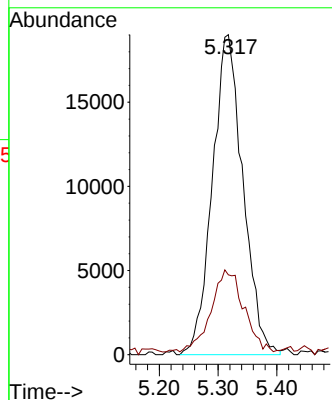
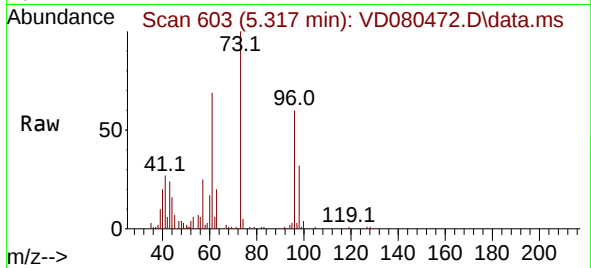




#19
Methyl tert-butyl Ether
Concen: 4.675 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

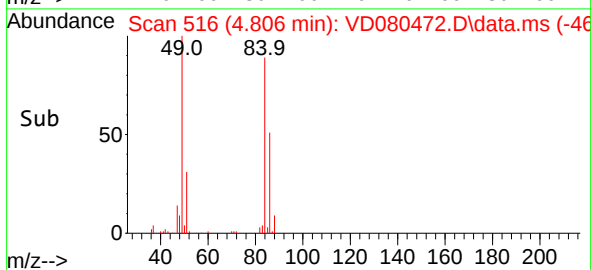
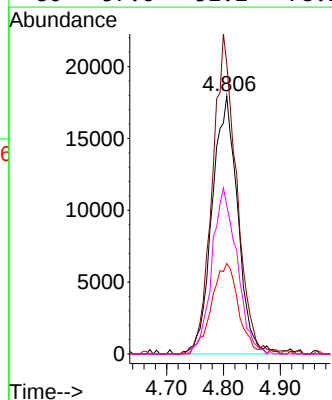
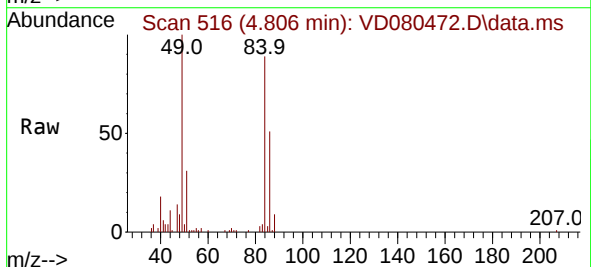
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

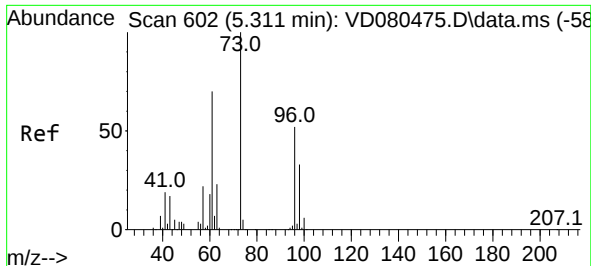
Tgt Ion: 73 Resp: 68590
Ion Ratio Lower Upper
73 100
57 24.0 18.5 27.7



#20
Methylene Chloride
Concen: 4.949 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 84 Resp: 56094
Ion Ratio Lower Upper
84 100
49 112.6 92.8 139.2
51 35.0 29.0 43.6
86 57.6 52.2 78.2

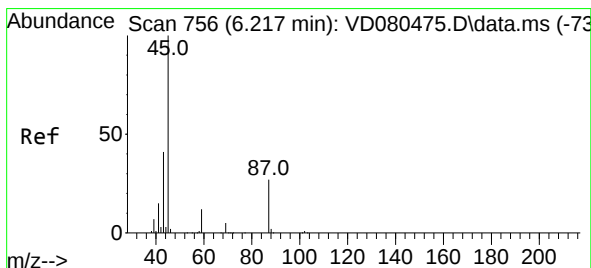
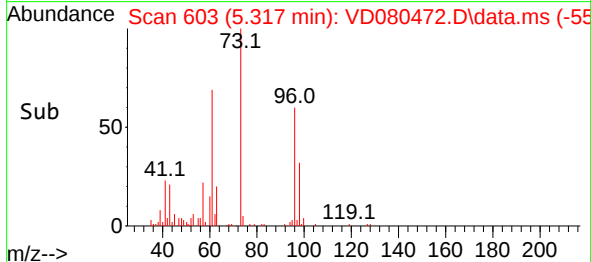
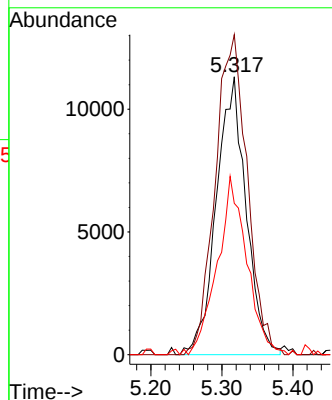
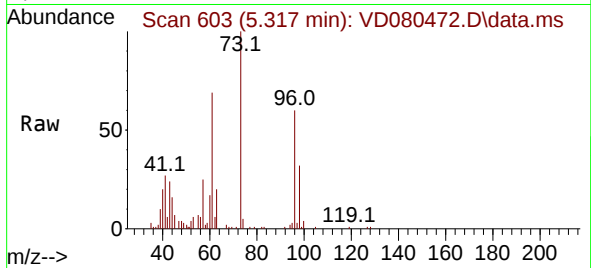




#21
trans-1,2-Dichloroethene
Concen: 4.992 ug/l
RT: 5.317 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

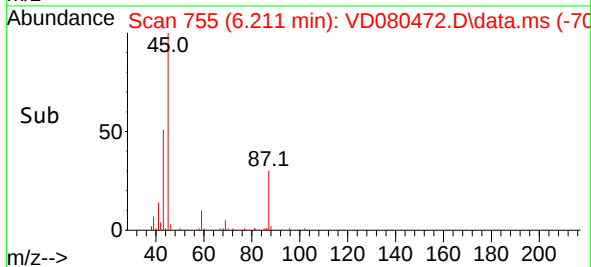
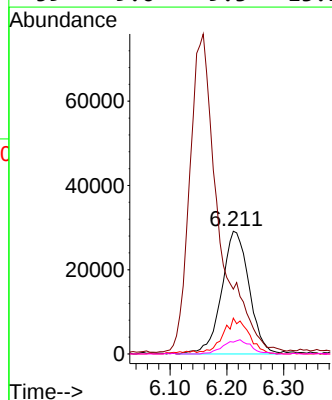
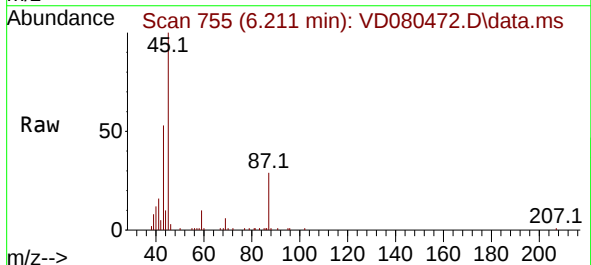
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

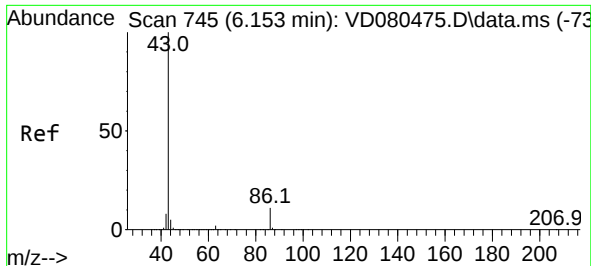
Tgt Ion: 96 Resp: 32869
Ion Ratio Lower Upper
96 100
61 115.2 108.6 163.0
98 54.5 51.5 77.3



#22
Diisopropyl ether
Concen: 4.895 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 45 Resp: 97685
Ion Ratio Lower Upper
45 100
43 48.9 39.5 59.3
87 28.6 22.3 33.5
59 9.6 9.3 13.9

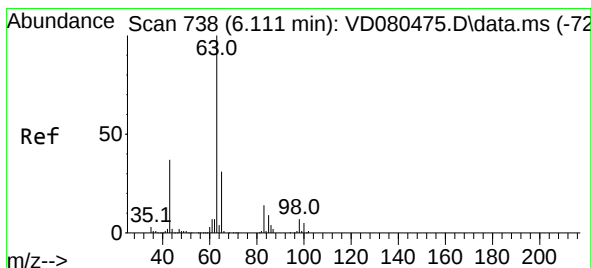
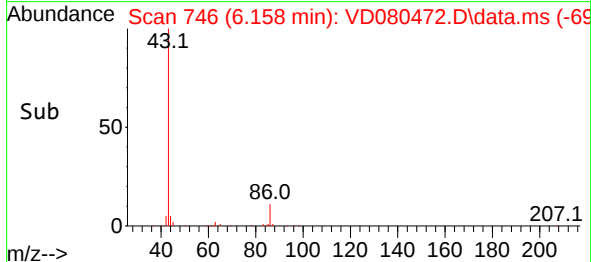
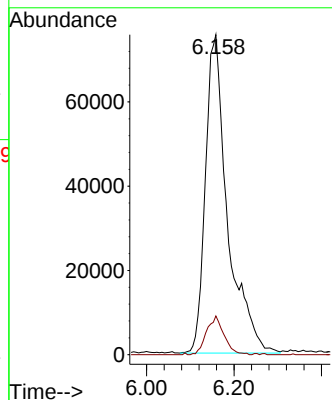
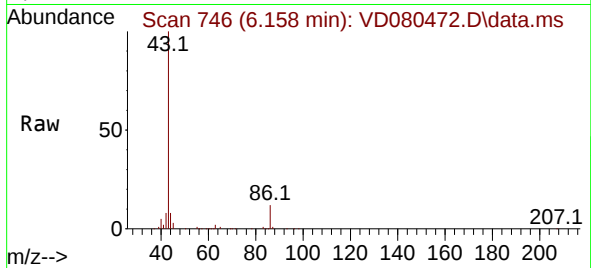




#23
 Vinyl Acetate
 Concen: 23.496 ug/l
 RT: 6.158 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

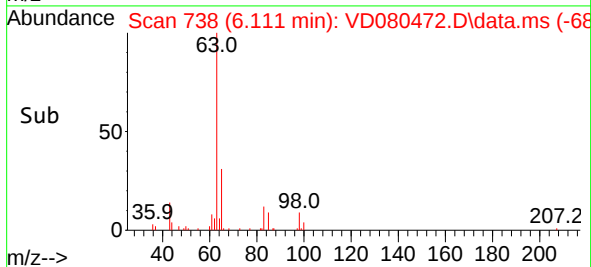
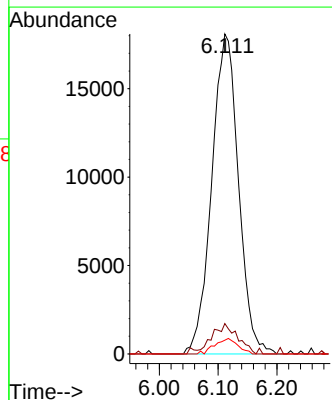
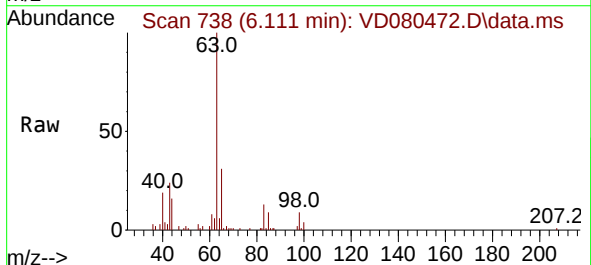
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

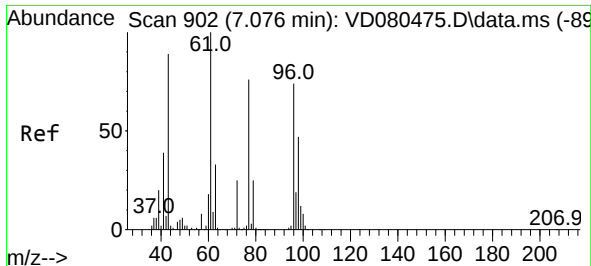
Tgt Ion: 43 Resp: 267199
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 4.883 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

Tgt Ion: 63 Resp: 57178
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.3 9.9
 100 4.3 2.5 7.4

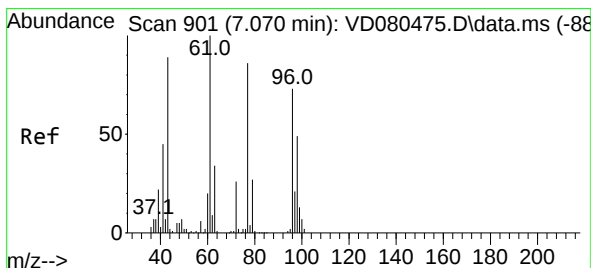
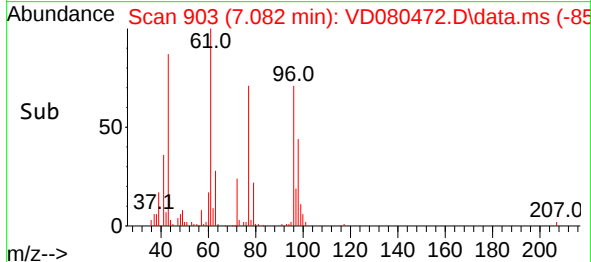
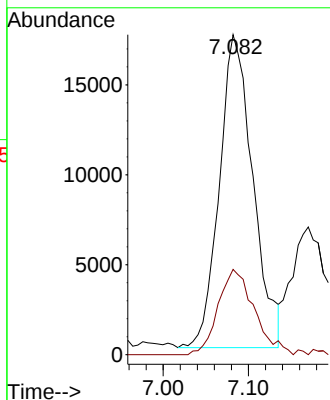
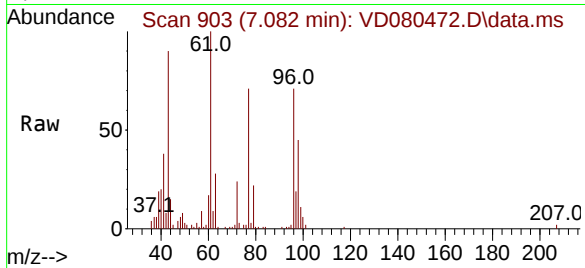




#25
2-Butanone
Concen: 24.589 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

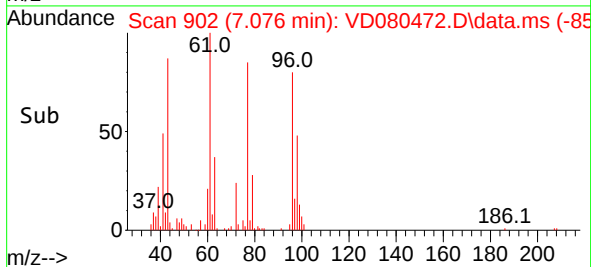
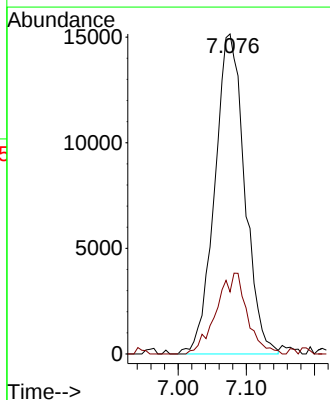
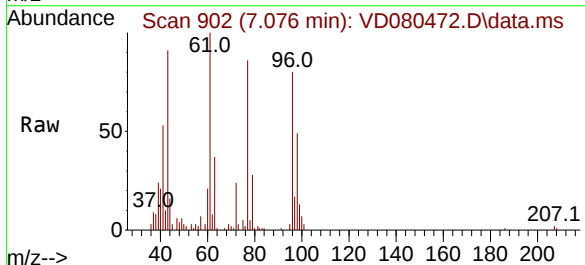
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

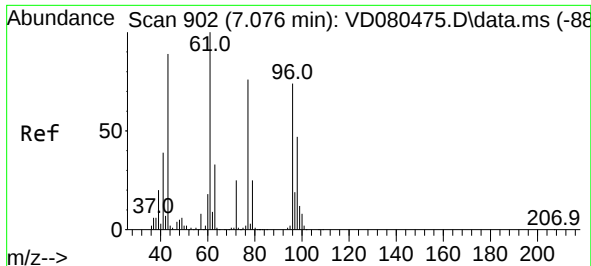
Tgt Ion: 43 Resp: 47682
Ion Ratio Lower Upper
43 100
72 27.3 22.8 34.2



#26
2,2-Dichloropropane
Concen: 5.005 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 77 Resp: 46378
Ion Ratio Lower Upper
77 100
97 25.9 12.2 36.6

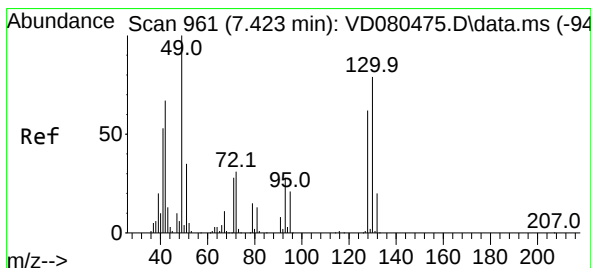
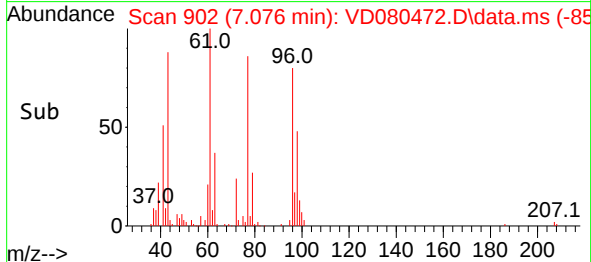
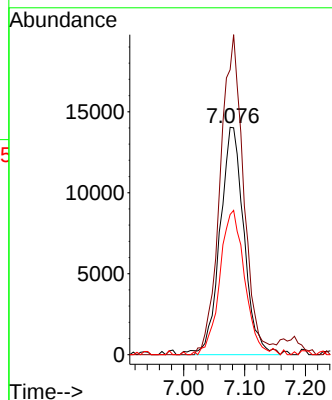
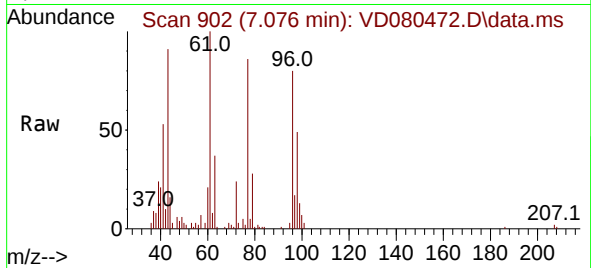




#27
 cis-1,2-Dichloroethene
 Concen: 4.879 ug/l
 RT: 7.076 min Scan# 902
 Delta R.T. -0.000 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

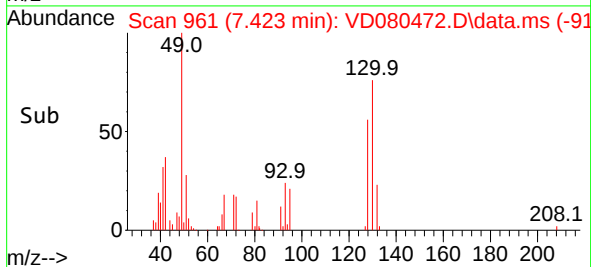
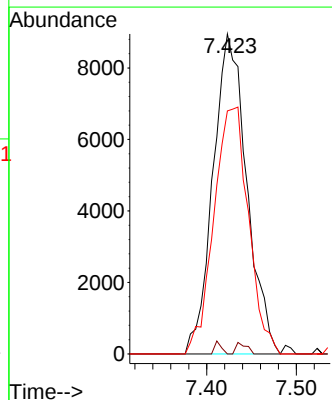
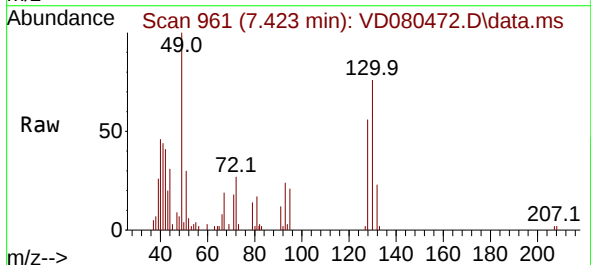
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

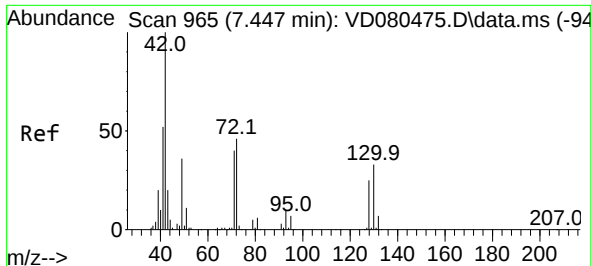
Tgt Ion: 96 Resp: 38406
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 274.6
 98 65.9 0.0 128.0



#28
 Bromochloromethane
 Concen: 5.054 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.000 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

Tgt Ion: 49 Resp: 23334
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.2
 130 79.3 62.8 94.2





#29

Tetrahydrofuran

Concen: 23.711 ug/l

RT: 7.447 min Scan# 9

Delta R.T. -0.000 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

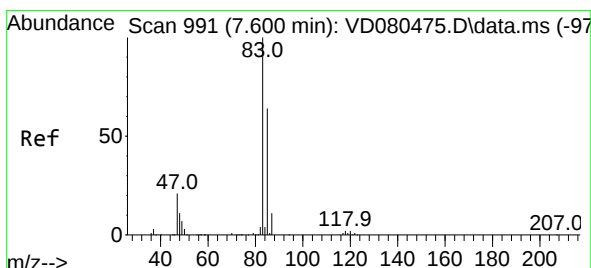
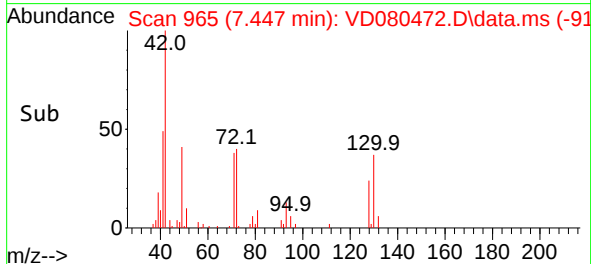
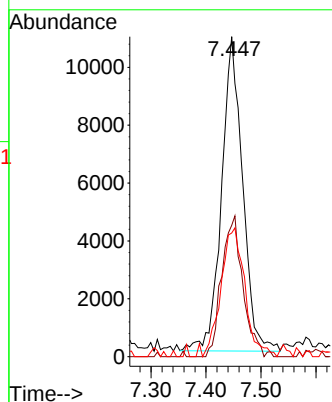
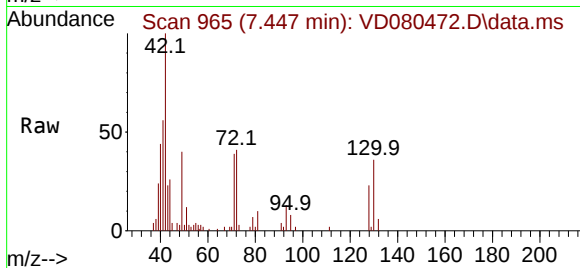
Tgt Ion: 42 Resp: 28967

Ion Ratio Lower Upper

42 100

72 45.0 35.9 53.9

71 46.2 33.2 49.8



#30

Chloroform

Concen: 4.944 ug/l

RT: 7.600 min Scan# 991

Delta R.T. -0.000 min

Lab File: VD080472.D

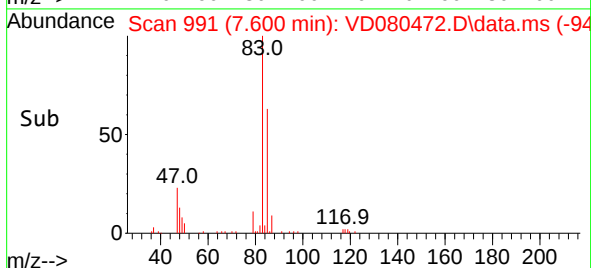
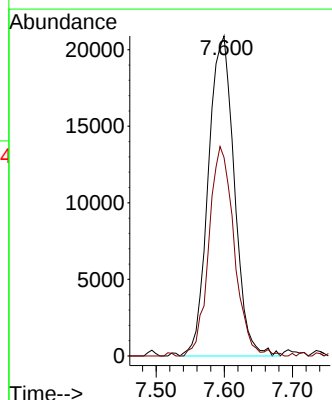
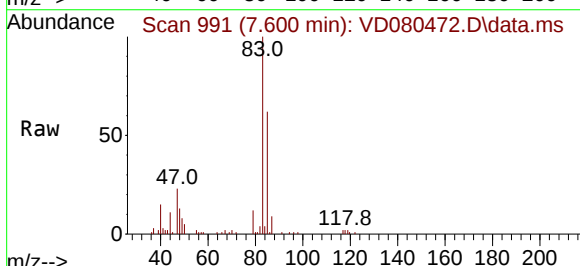
Acq: 26 Jun 2025 09:51

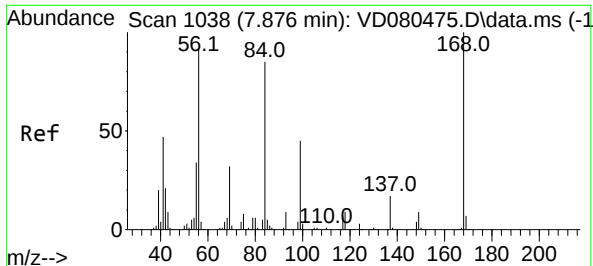
Tgt Ion: 83 Resp: 55425

Ion Ratio Lower Upper

83 100

85 62.0 51.2 76.8

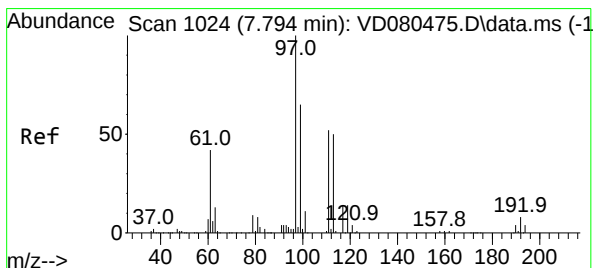
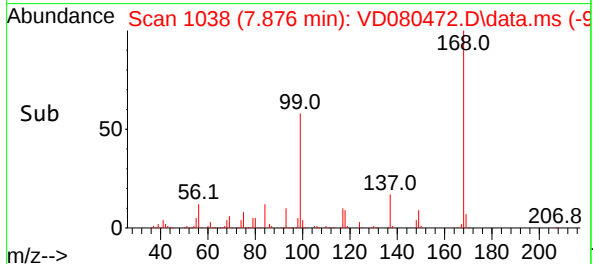
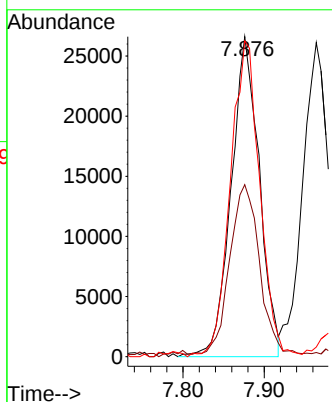
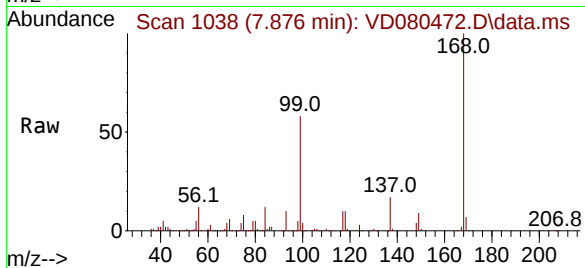




#31
Cyclohexane
Concen: 5.650 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

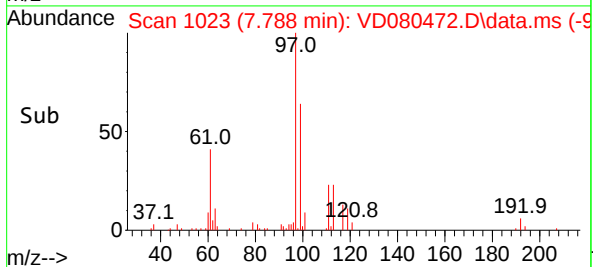
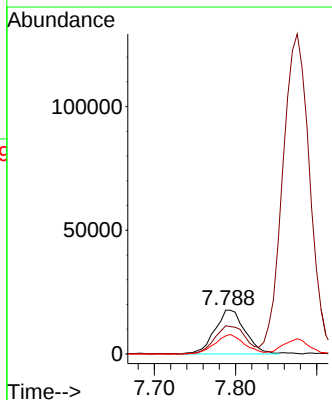
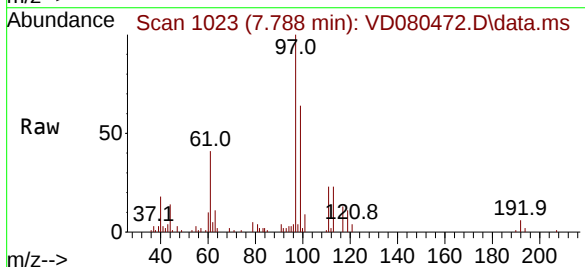
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

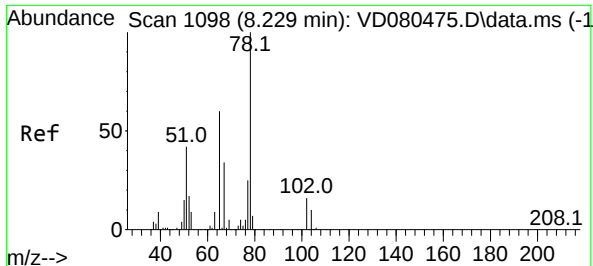
Tgt Ion: 56 Resp: 64110
Ion Ratio Lower Upper
56 100
69 52.8 28.1 42.1#
84 97.4 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 4.898 ug/l
RT: 7.788 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 97 Resp: 45907
Ion Ratio Lower Upper
97 100
99 66.5 51.5 77.3
61 42.8 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 3.917 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

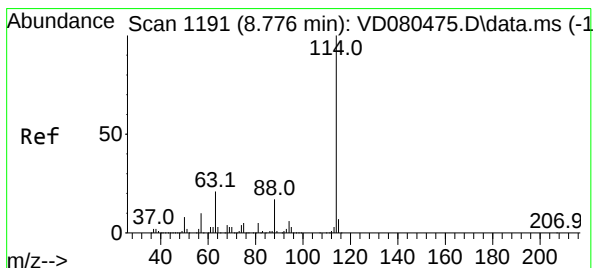
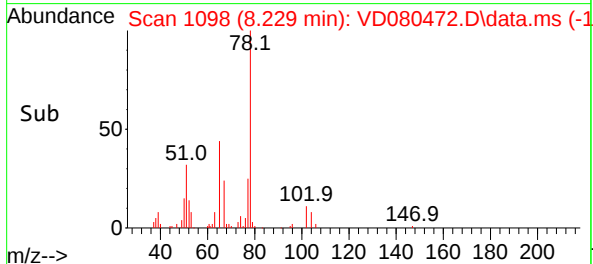
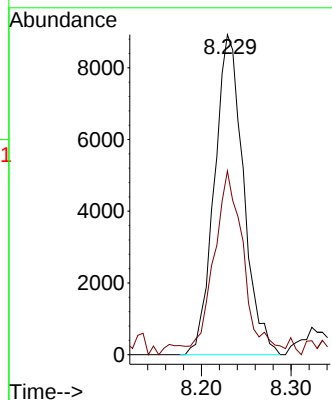
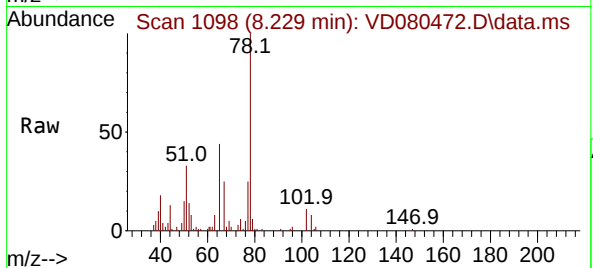
VSTDIC005

Tgt Ion: 65 Resp: 20029

Ion Ratio Lower Upper

65 100

67 55.5 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: VD080472.D

Acq: 26 Jun 2025 09:51

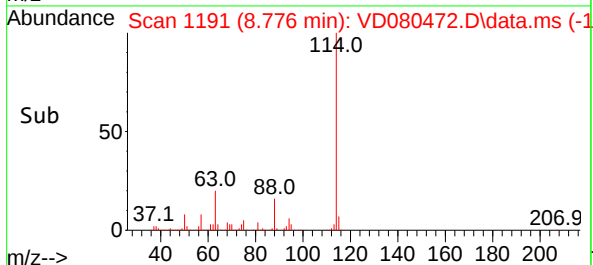
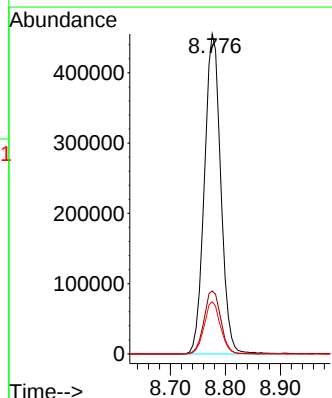
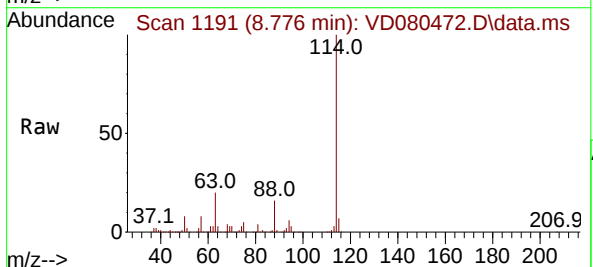
Tgt Ion: 114 Resp: 941653

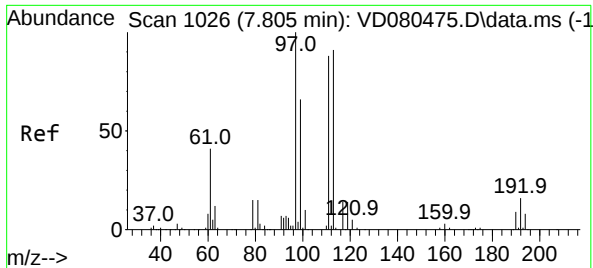
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.0

88 16.3 0.0 33.8

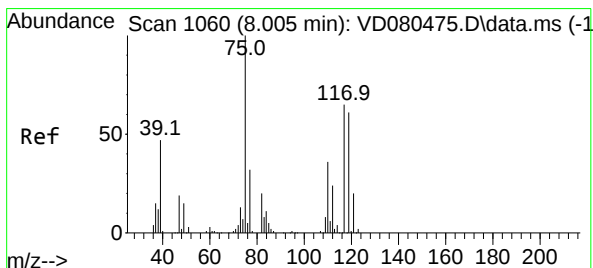
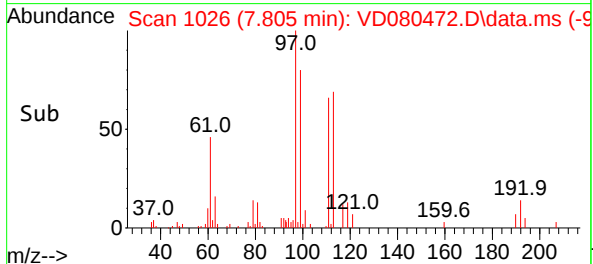
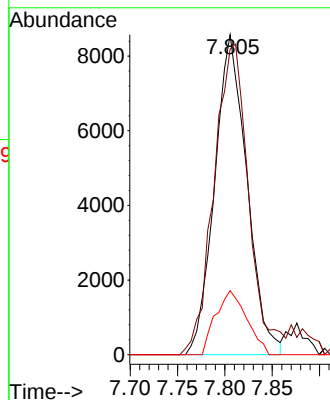
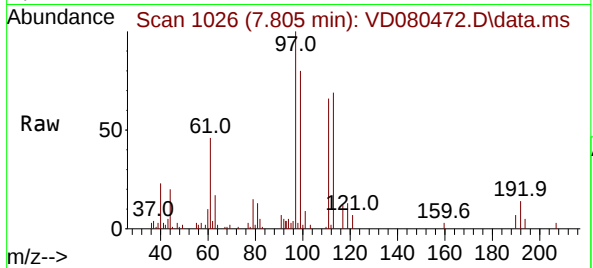




#35
Dibromofluoromethane
Concen: 3.851 ug/l
RT: 7.805 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

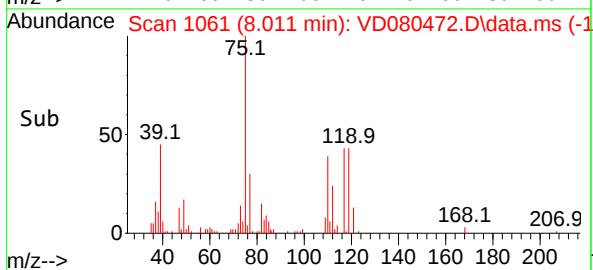
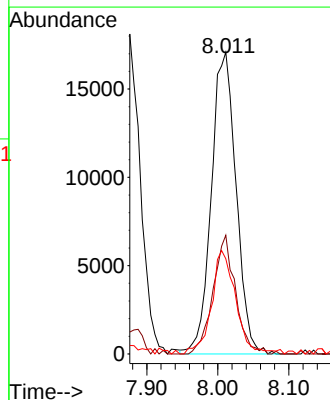
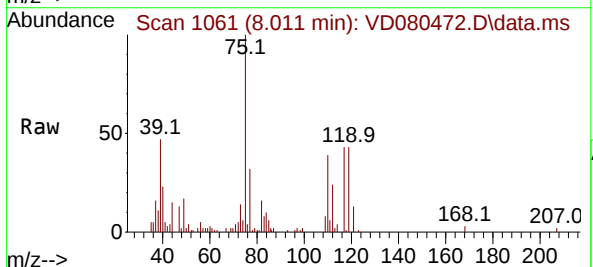
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

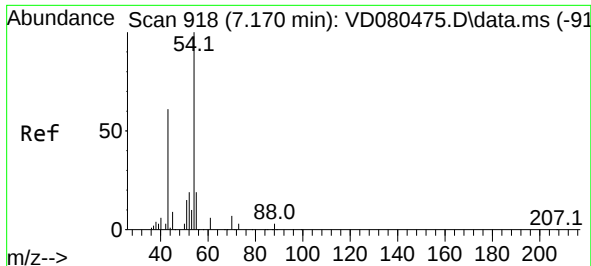
Tgt Ion:113 Resp: 20304
Ion Ratio Lower Upper
113 100
111 104.5 82.5 123.7
192 19.2 15.0 22.6



#36
1,1-Dichloropropene
Concen: 5.031 ug/l
RT: 8.011 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 75 Resp: 41427
Ion Ratio Lower Upper
75 100
110 35.7 18.2 54.6
77 33.0 25.2 37.8

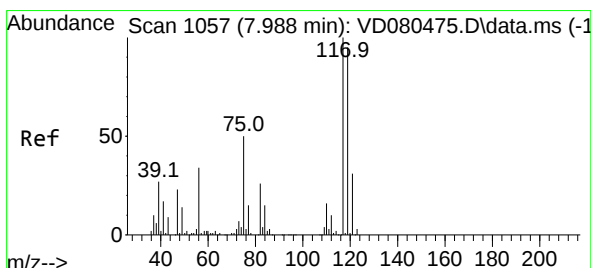
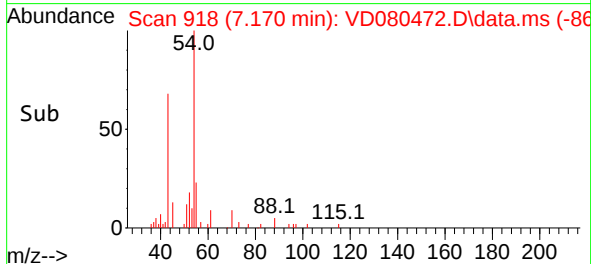
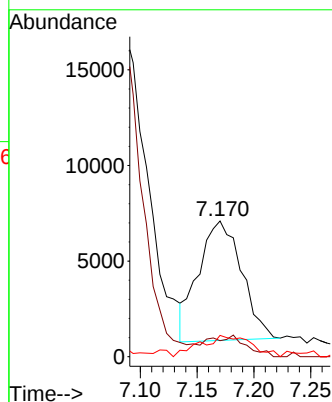
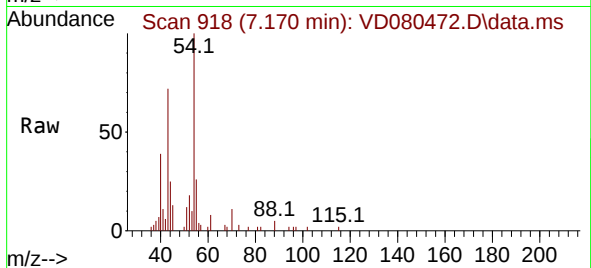




#37
Ethyl Acetate
Concen: 4.139 ug/l
RT: 7.170 min Scan# 918
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

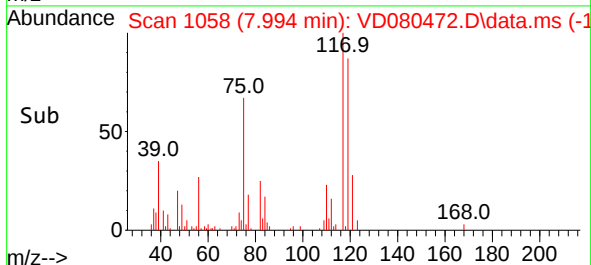
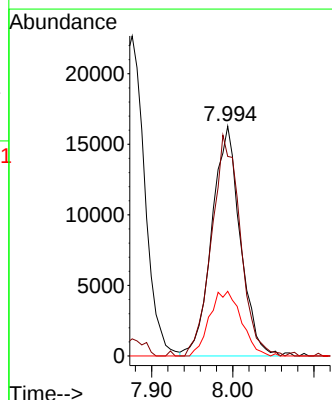
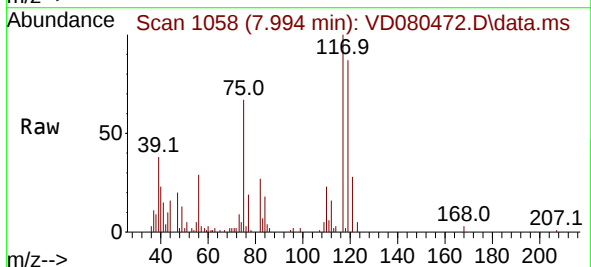
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

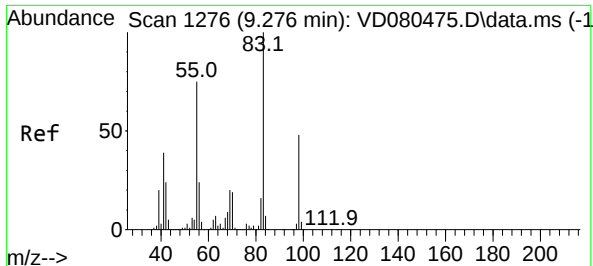
Tgt Ion: 43 Resp: 16513
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.2#
70 20.6 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 5.024 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 117 Resp: 39528
Ion Ratio Lower Upper
117 100
119 86.9 75.8 113.6
121 28.2 25.0 37.4





#39

Methylcyclohexane

Concen: 5.096 ug/l

RT: 9.276 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

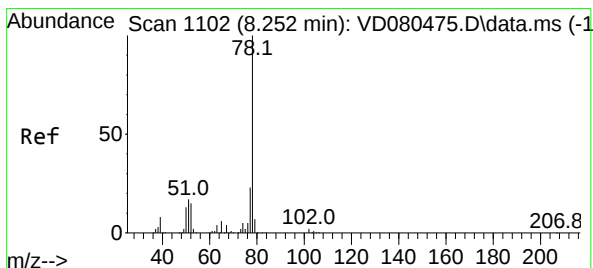
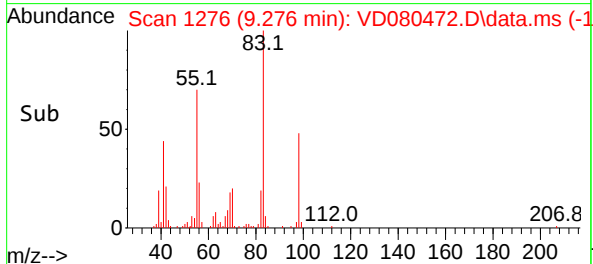
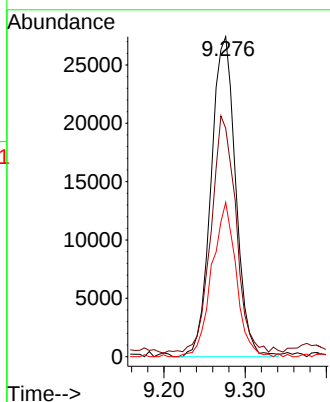
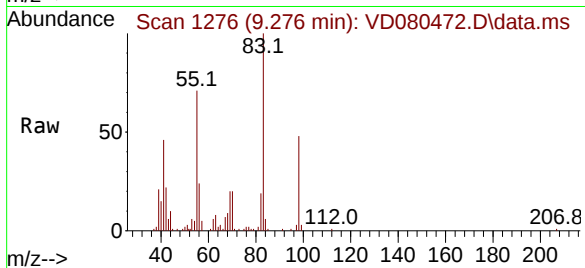
Tgt Ion: 83 Resp: 57782

Ion Ratio Lower Upper

83 100

55 69.5 59.8 89.8

98 48.2 38.2 57.2



#40

Benzene

Concen: 4.944 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080472.D

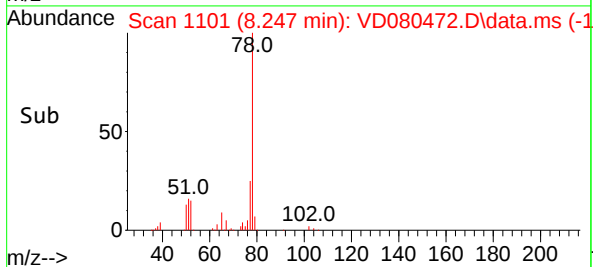
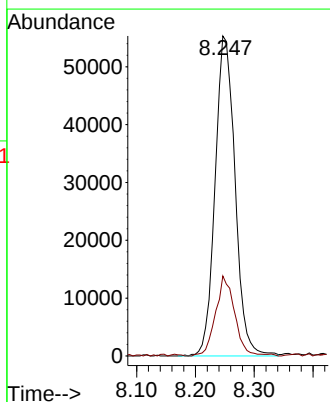
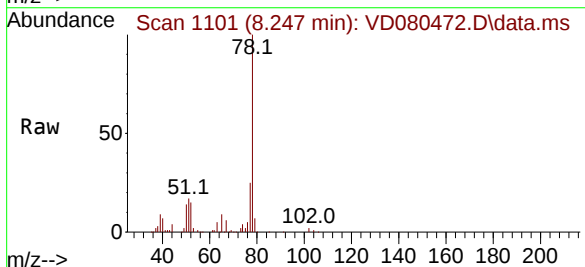
Acq: 26 Jun 2025 09:51

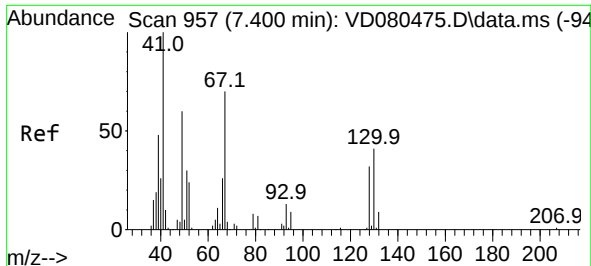
Tgt Ion: 78 Resp: 130675

Ion Ratio Lower Upper

78 100

77 25.0 18.6 28.0

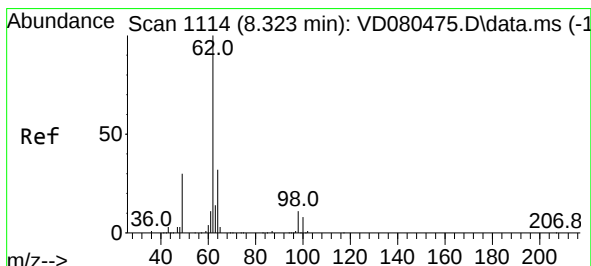
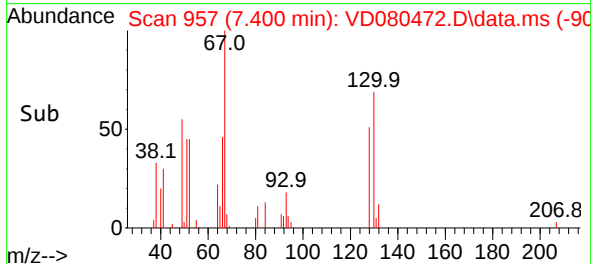
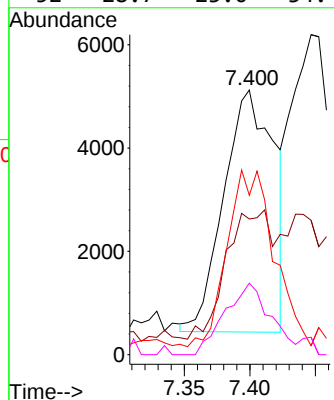
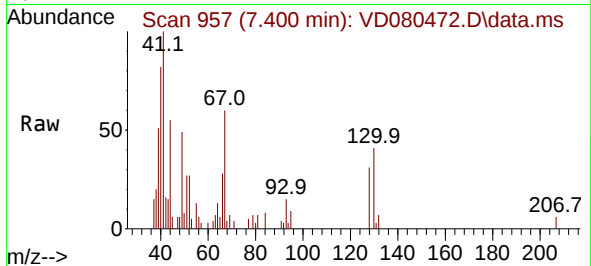




#41
Methacrylonitrile
Concen: 4.869 ug/l
RT: 7.400 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

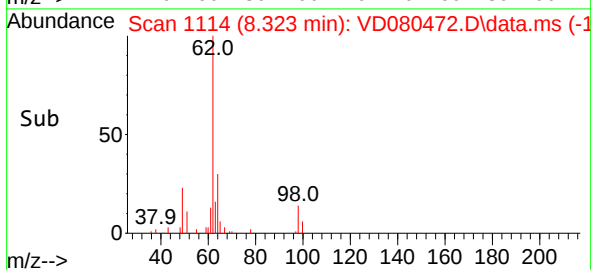
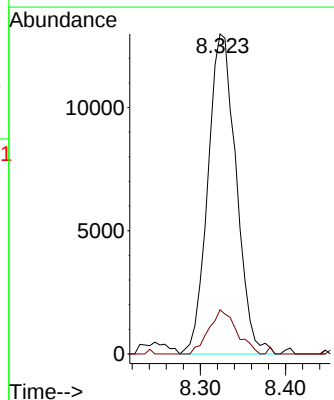
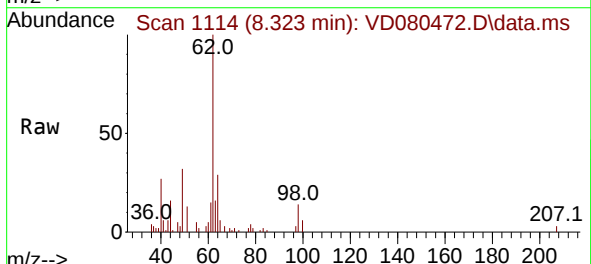
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

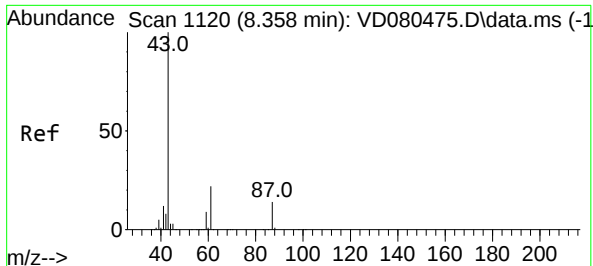
Tgt Ion:	41	Resp:	12455
Ion	Ratio	Lower	Upper
41	100		
39	47.1	43.4	65.0
67	71.1	59.2	88.8
52	28.7	23.0	34.4



#42
1,2-Dichloroethane
Concen: 4.819 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion:	62	Resp:	29964
Ion	Ratio	Lower	Upper
62	100		
98	13.6	0.0	22.0

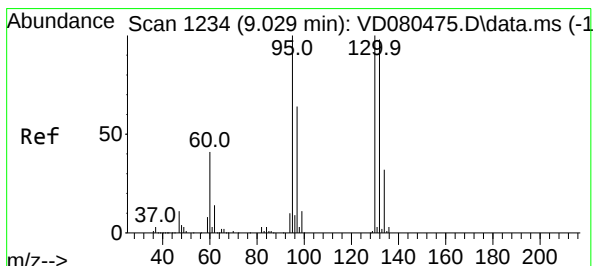
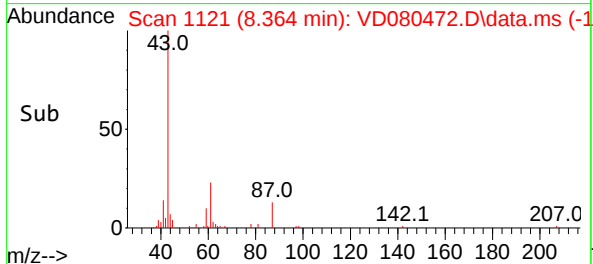
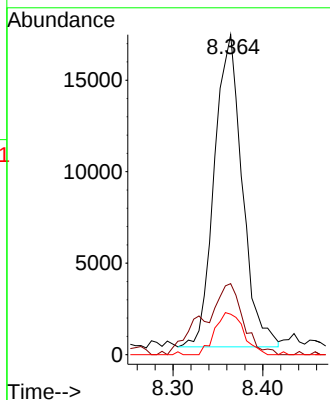
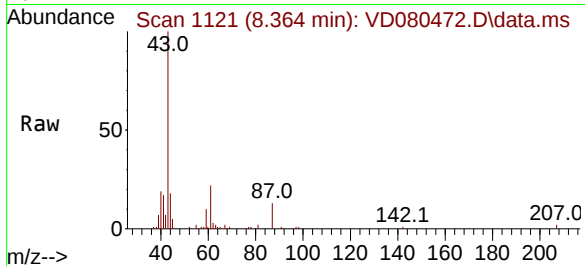




#43
Isopropyl Acetate
Concen: 4.679 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

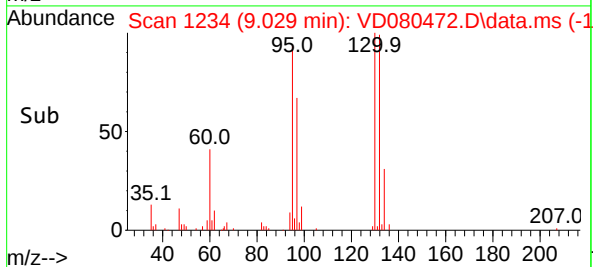
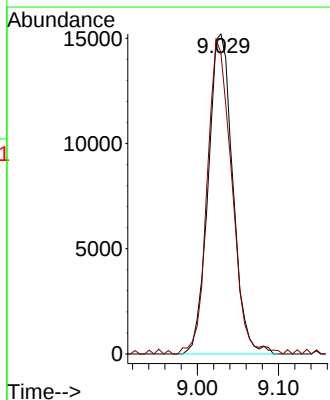
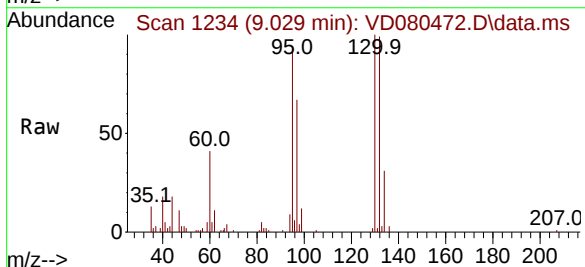
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

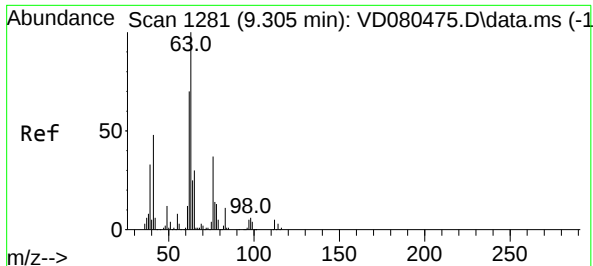
Tgt Ion: 43 Resp: 36858
Ion Ratio Lower Upper
43 100
61 21.5 24.4 36.6#
87 13.7 11.4 17.2



#44
Trichloroethene
Concen: 5.002 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 130 Resp: 32039
Ion Ratio Lower Upper
130 100
95 94.1 0.0 200.6





#45

1,2-Dichloropropane

Concen: 4.850 ug/l

RT: 9.299 min Scan# 1280

Delta R.T. -0.006 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

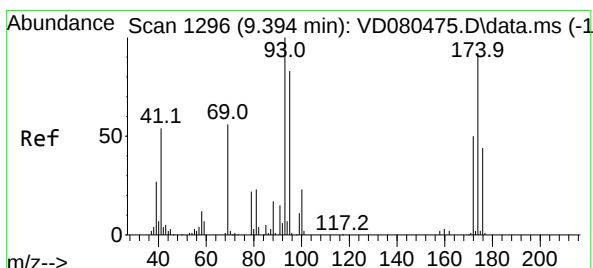
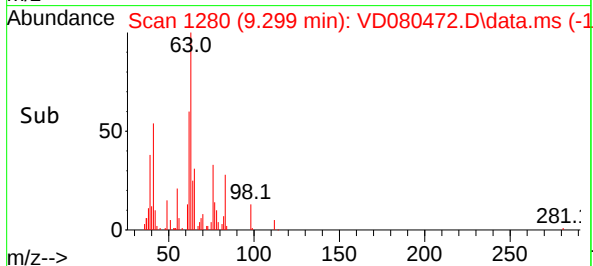
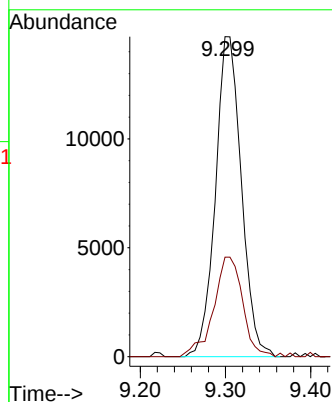
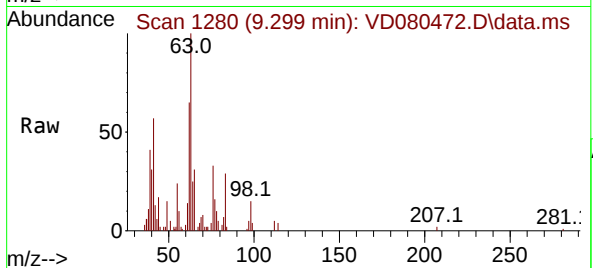
VSTDIC005

Tgt Ion: 63 Resp: 31087

Ion Ratio Lower Upper

63 100

65 31.1 24.0 36.0



#46

Dibromomethane

Concen: 4.857 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

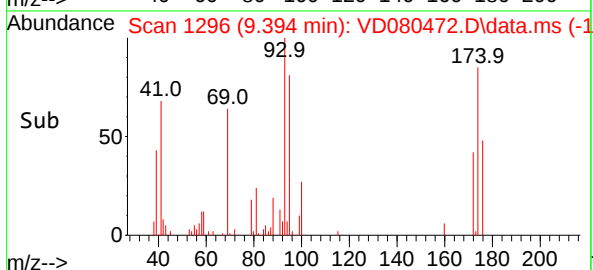
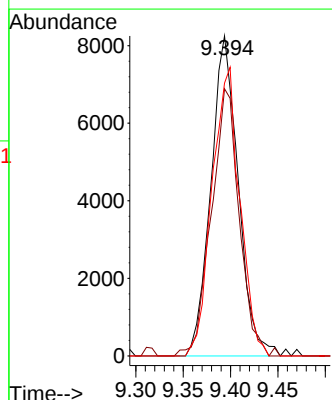
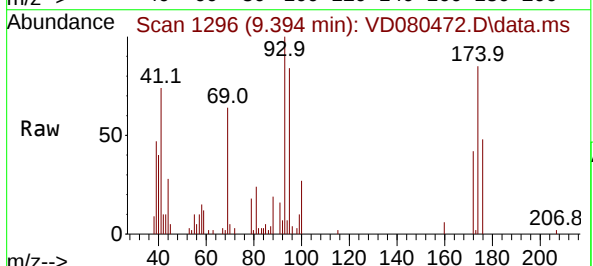
Tgt Ion: 93 Resp: 16601

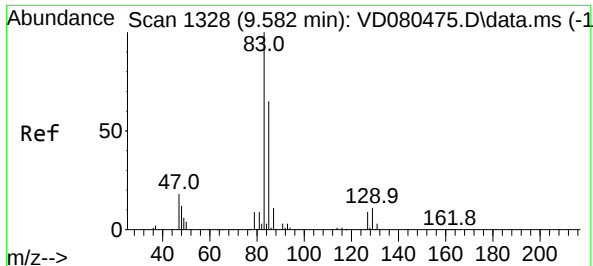
Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.4

174 91.7 75.4 113.0

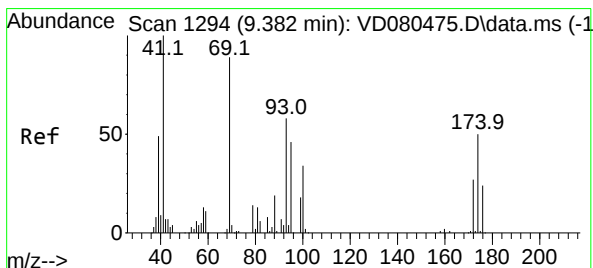
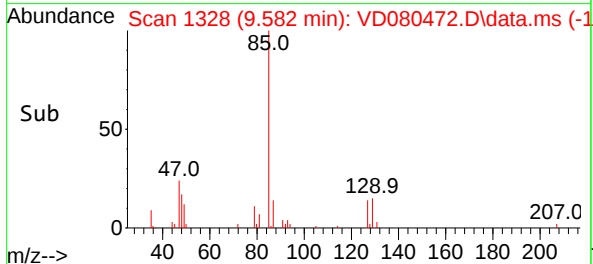
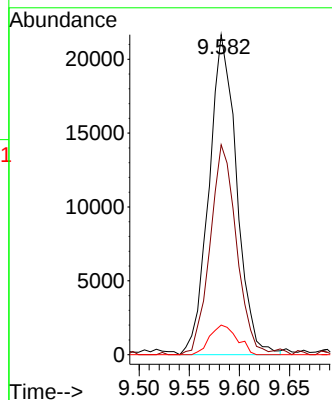
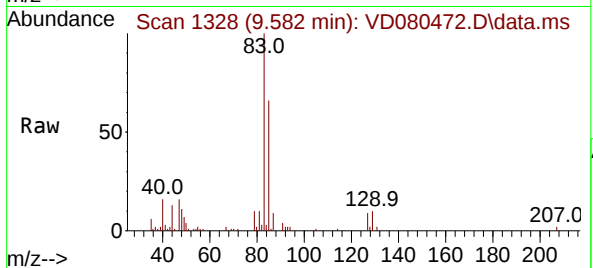




#47
Bromodichloromethane
Concen: 4.913 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

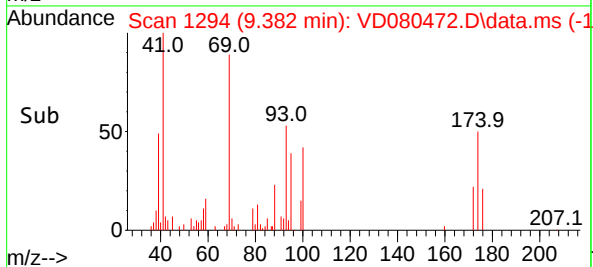
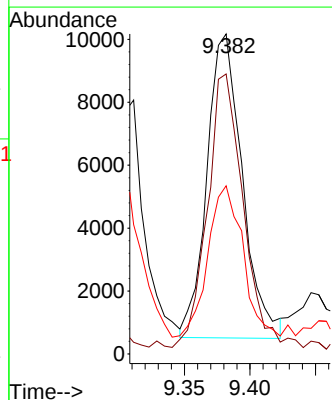
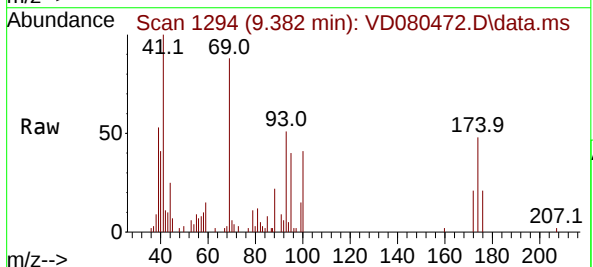
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

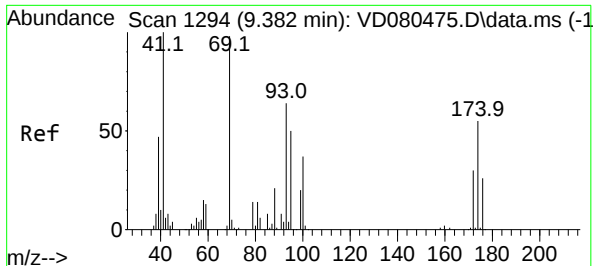
Tgt Ion: 83 Resp: 41628
Ion Ratio Lower Upper
83 100
85 65.6 52.2 78.2
127 9.3 6.9 10.3



#48
Methyl methacrylate
Concen: 4.560 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 41 Resp: 18171
Ion Ratio Lower Upper
41 100
69 91.1 70.2 105.4
39 49.5 40.2 60.2





#49

1,4-Dioxane

Concen: 102.012 ug/l

RT: 9.382 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

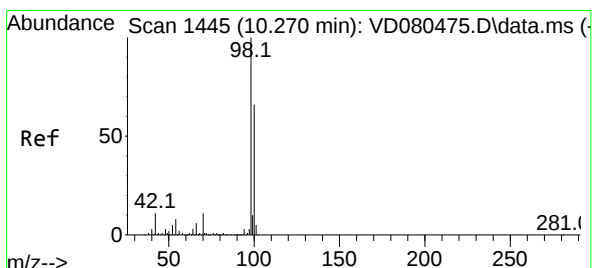
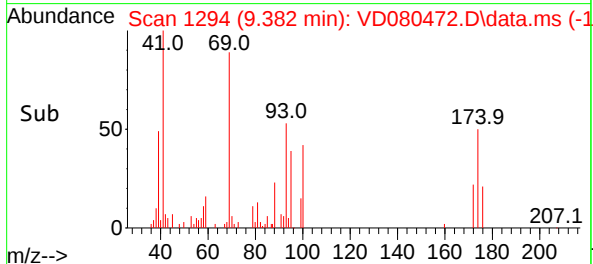
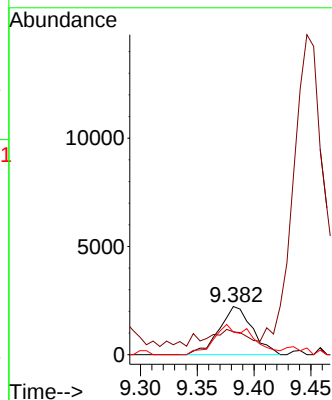
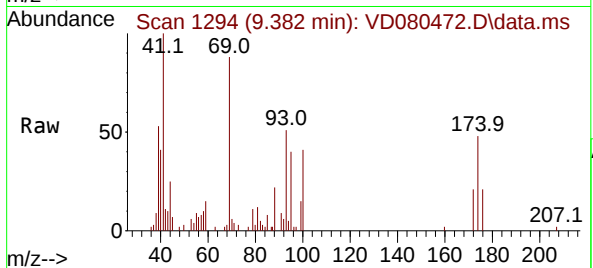
Tgt Ion: 88 Resp: 4523

Ion Ratio Lower Upper

88 100

43 38.1 26.7 40.1

58 71.0 56.4 84.6



#50

Toluene-d8

Concen: 3.963 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VD080472.D

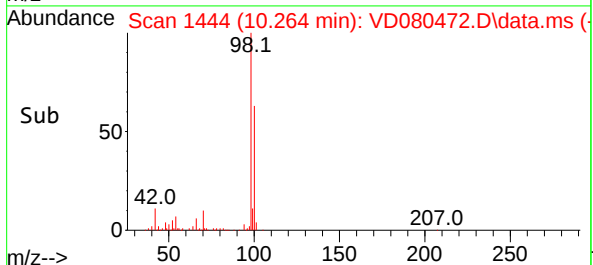
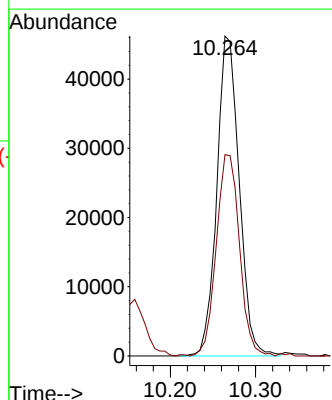
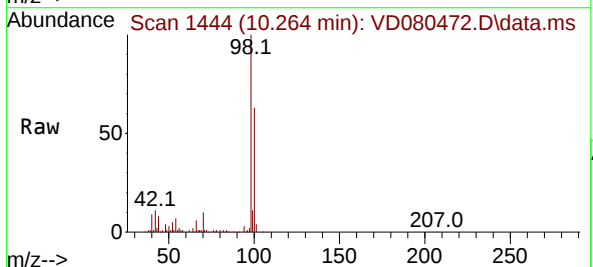
Acq: 26 Jun 2025 09:51

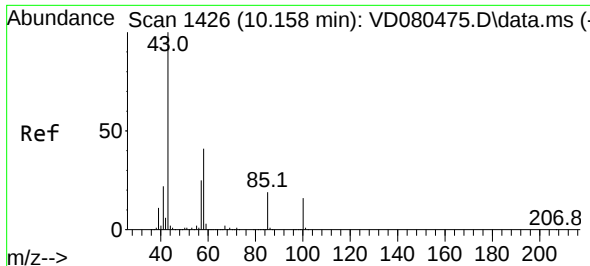
Tgt Ion: 98 Resp: 84408

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4

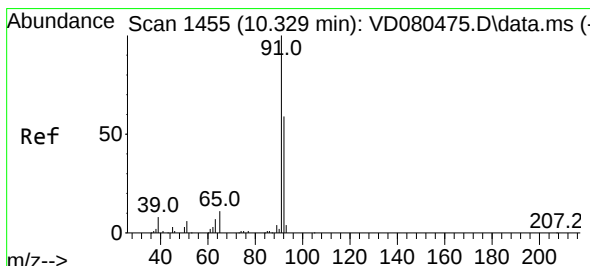
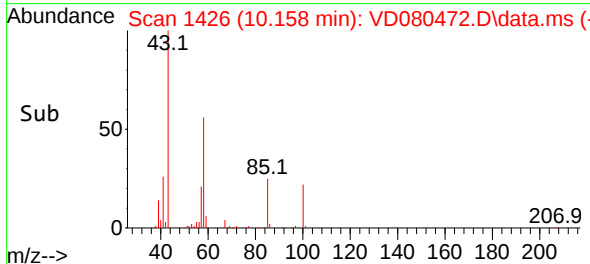
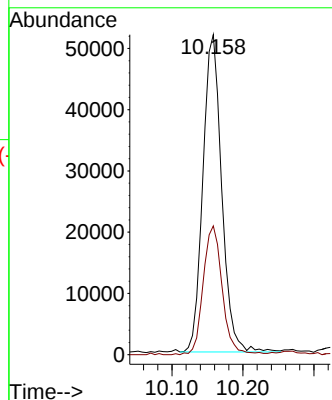
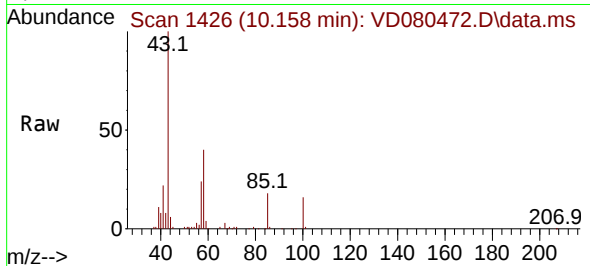




#51
4-Methyl-2-Pentanone
Concen: 23.897 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

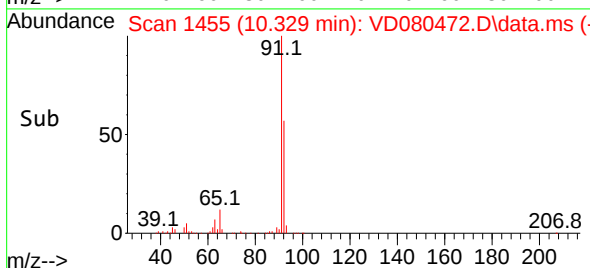
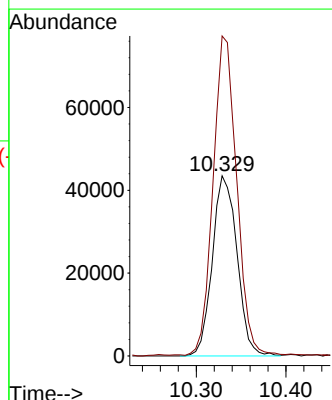
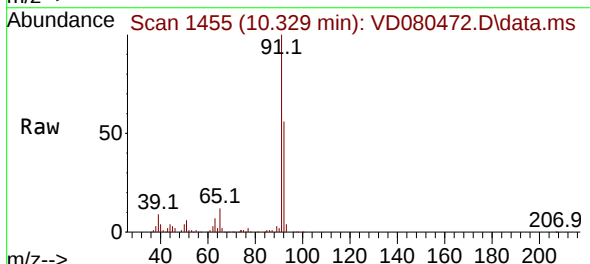
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

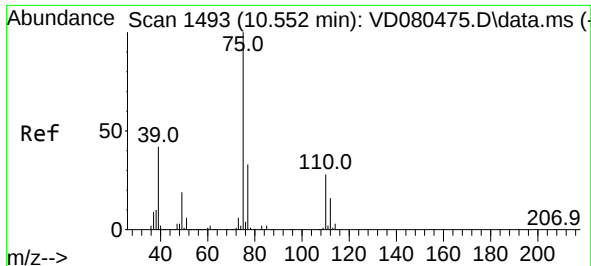
Tgt Ion: 43 Resp: 95590
Ion Ratio Lower Upper
43 100
58 41.1 33.3 49.9



#52
Toluene
Concen: 5.026 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 92 Resp: 83031
Ion Ratio Lower Upper
92 100
91 168.5 137.1 205.7

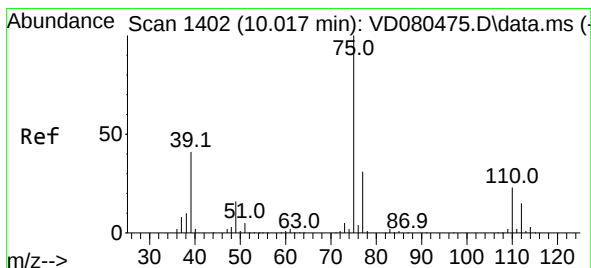
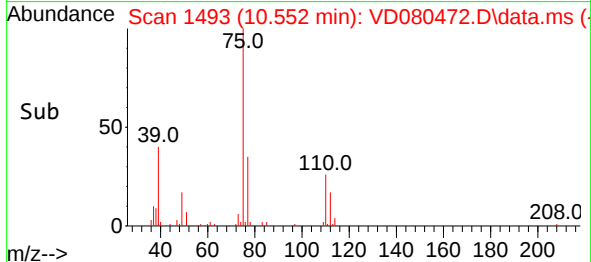
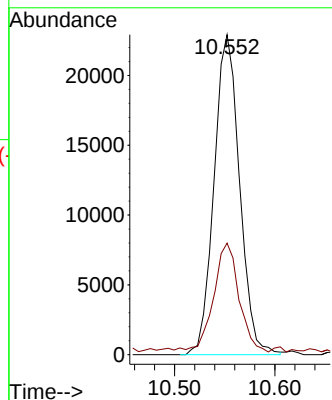
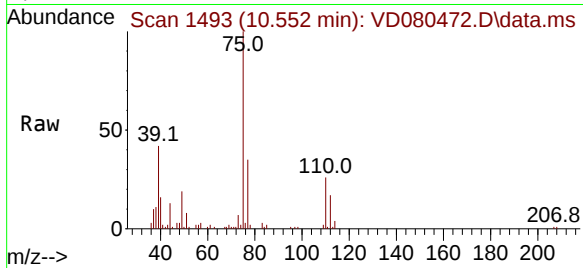




#53
t-1,3-Dichloropropene
Concen: 4.769 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

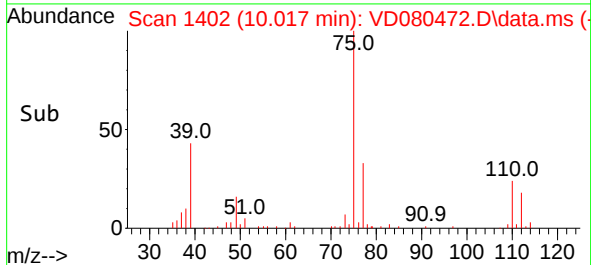
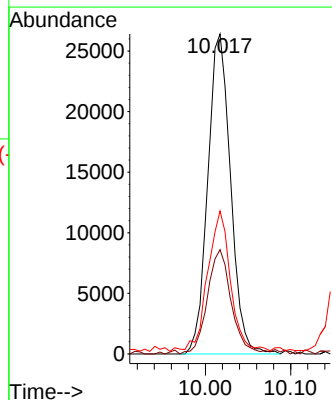
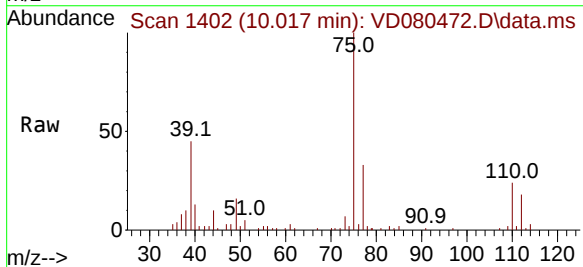
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

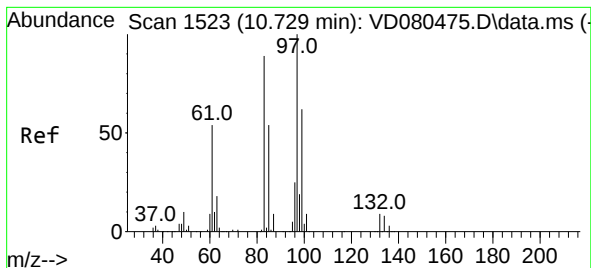
Tgt Ion: 75 Resp: 40470
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 4.817 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 75 Resp: 49113
Ion Ratio Lower Upper
75 100
77 32.6 24.9 37.3
39 43.1 32.5 48.7

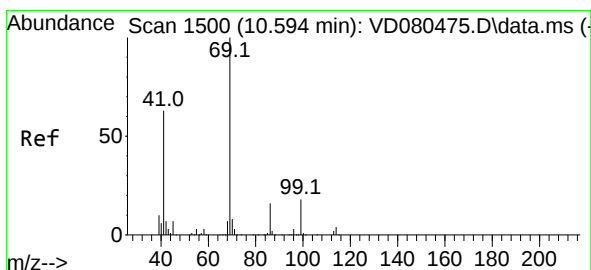
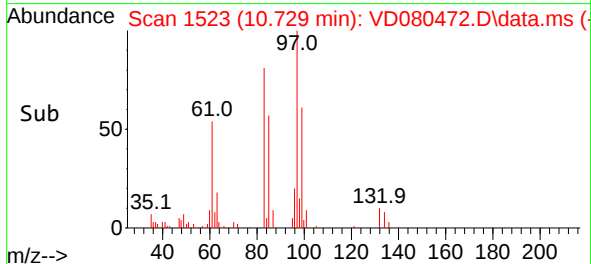
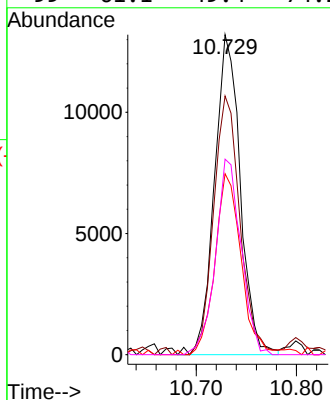
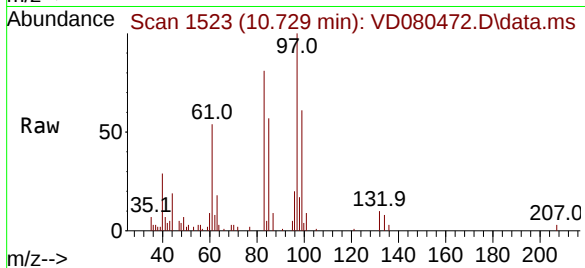




#55
1,1,2-Trichloroethane
Concen: 5.049 ug/l
RT: 10.729 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

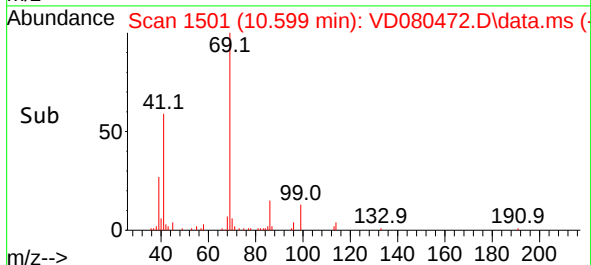
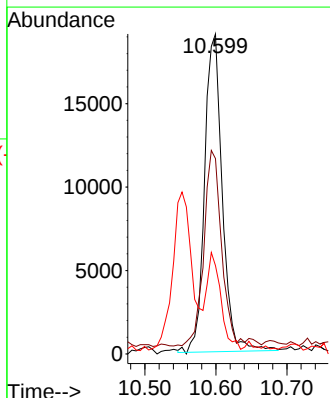
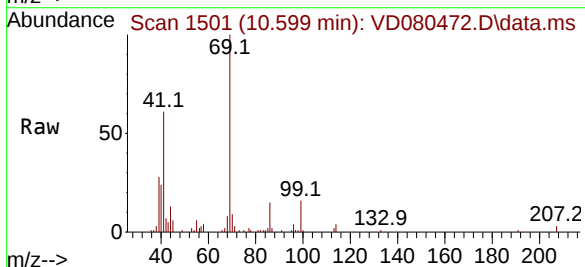
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

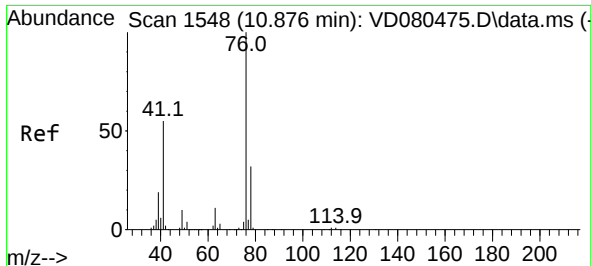
Tgt Ion: 97	Resp: 23522		
Ion	Ratio	Lower	Upper
97	100		
83	80.8	71.4	107.2
85	55.2	43.4	65.2
99	61.1	49.4	74.2



#56
Ethyl methacrylate
Concen: 4.959 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 69	Resp: 32981
Ion Ratio	Lower Upper
69 100	
41 61.6	50.7 76.1
39 24.7	23.4 35.2





#57

1,3-Dichloropropane

Concen: 4.870 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

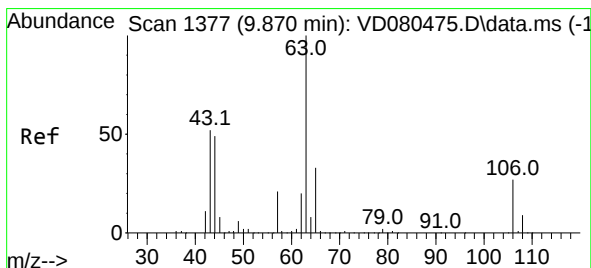
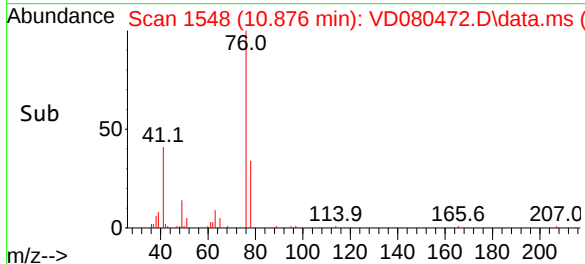
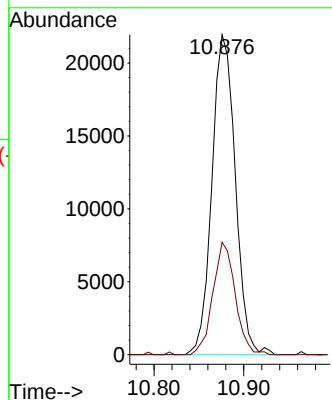
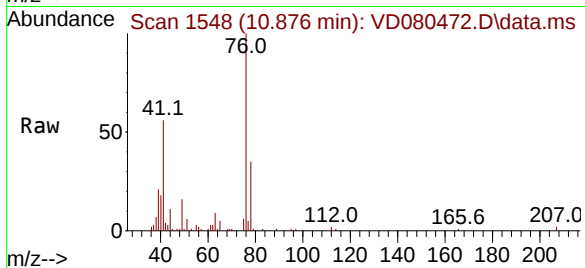
VSTDIC005

Tgt Ion: 76 Resp: 39700

Ion Ratio Lower Upper

76 100

78 33.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 24.349 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080472.D

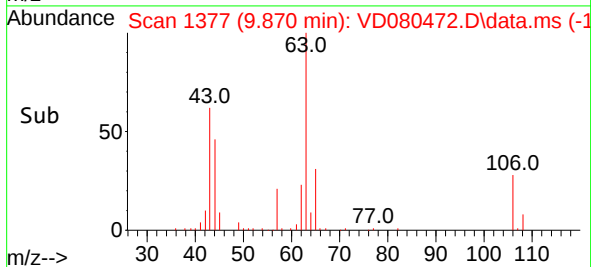
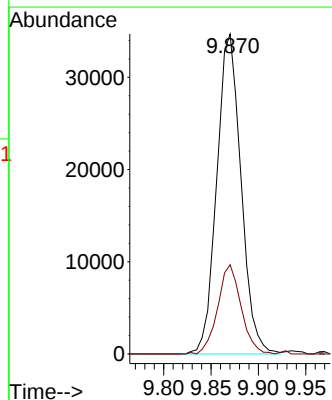
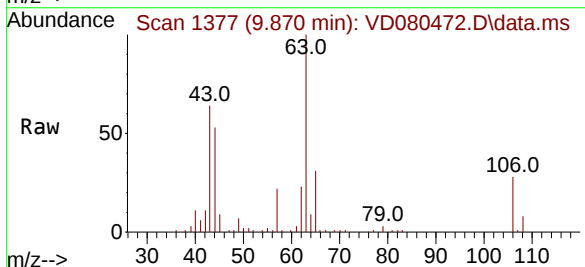
Acq: 26 Jun 2025 09:51

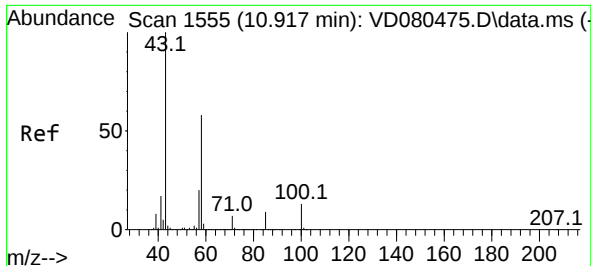
Tgt Ion: 63 Resp: 61845

Ion Ratio Lower Upper

63 100

106 26.8 21.7 32.5

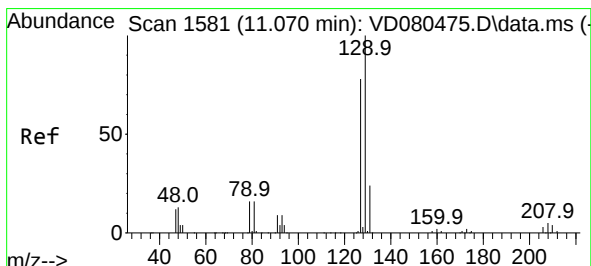
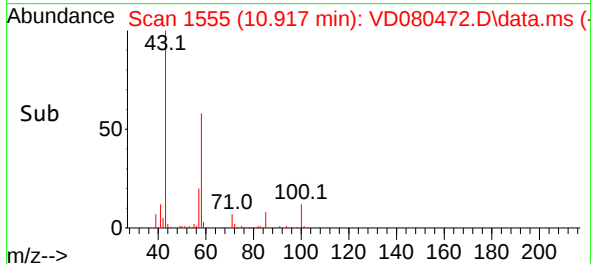
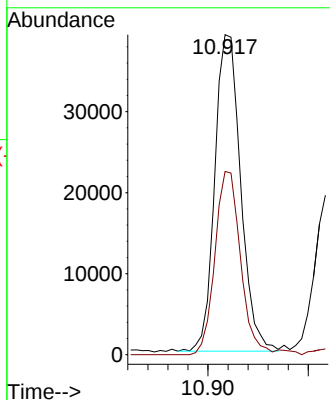
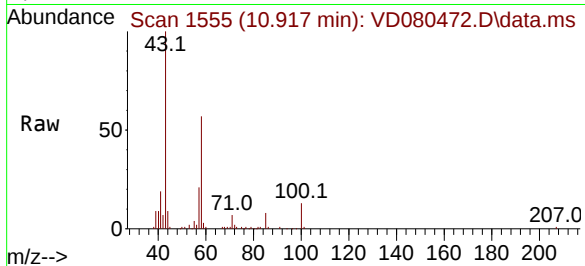




#59
2-Hexanone
Concen: 24.700 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

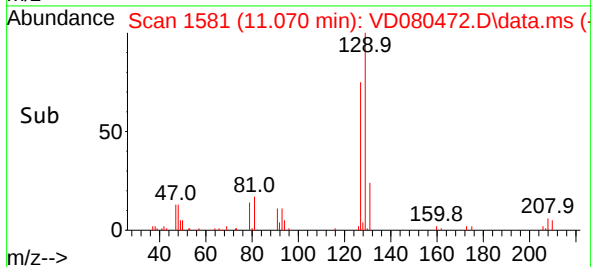
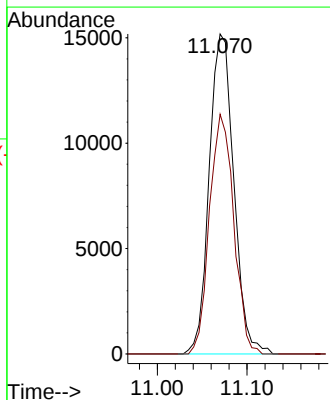
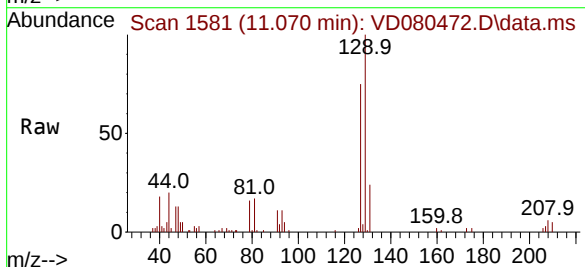
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

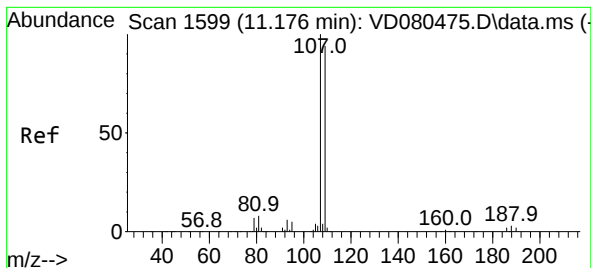
Tgt Ion: 43 Resp: 69925
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1



#60
Dibromochloromethane
Concen: 5.018 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 129 Resp: 28858
Ion Ratio Lower Upper
129 100
127 74.0 38.4 115.2

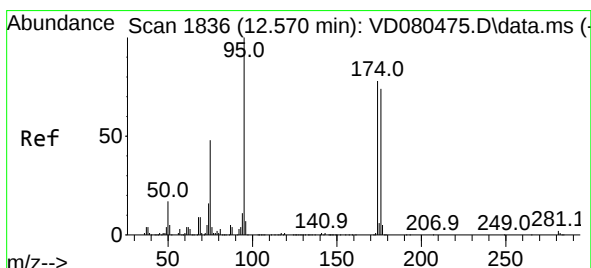
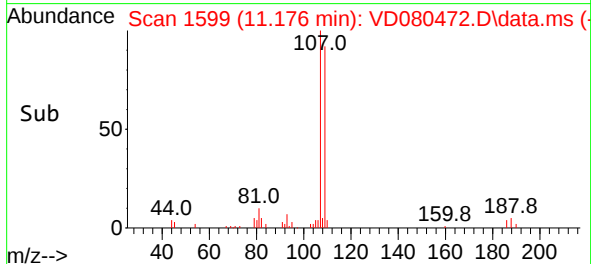
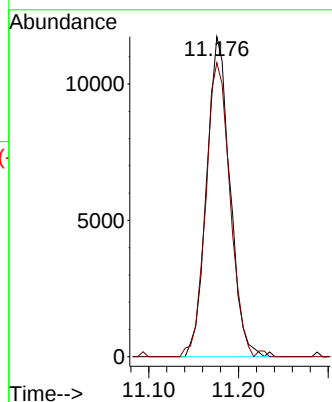
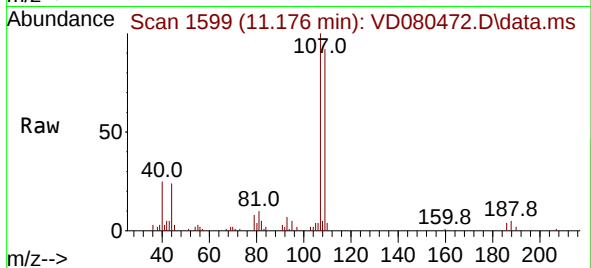




#61
1,2-Dibromoethane
Concen: 4.752 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

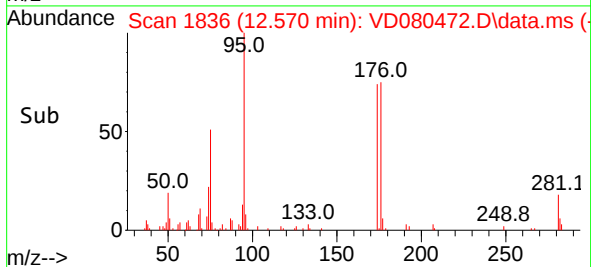
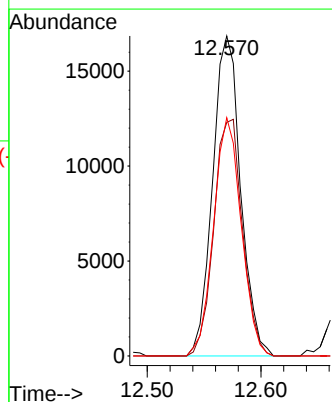
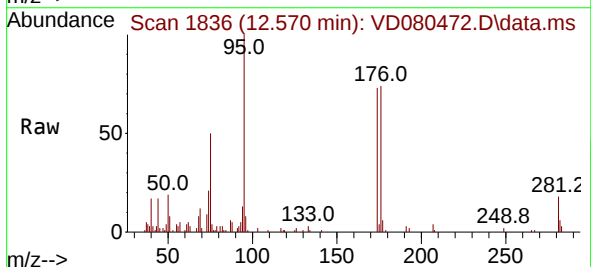
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

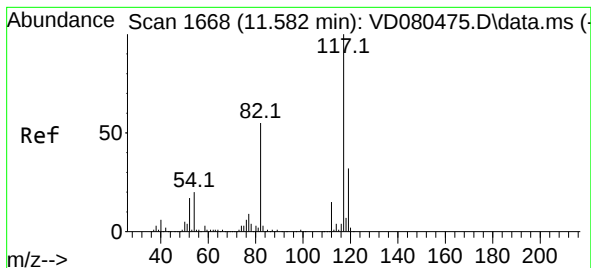
Tgt Ion:107 Resp: 21170
Ion Ratio Lower Upper
107 100
109 96.2 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 4.138 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 95 Resp: 28905
Ion Ratio Lower Upper
95 100
174 75.6 0.0 154.0
176 73.5 0.0 149.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

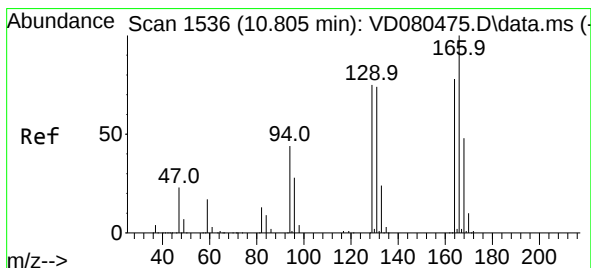
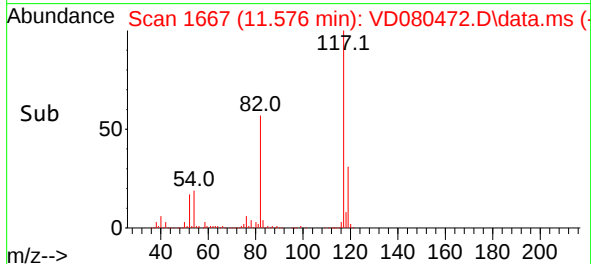
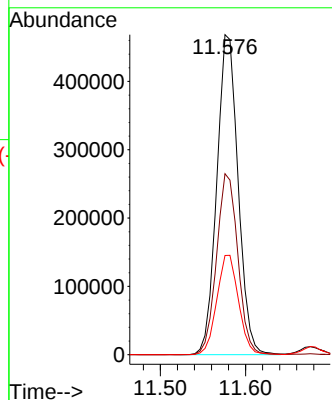
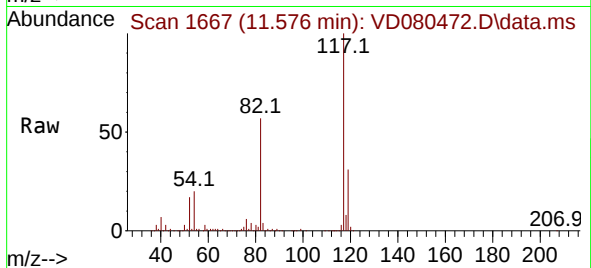
Tgt Ion:117 Resp: 815401

Ion Ratio Lower Upper

117 100

82 56.6 43.7 65.5

119 31.0 25.8 38.6



#64

Tetrachloroethene

Concen: 5.023 ug/l

RT: 10.811 min Scan# 1537

Delta R.T. 0.006 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Tgt Ion:164 Resp: 25423

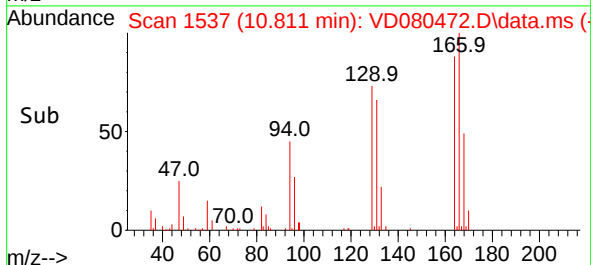
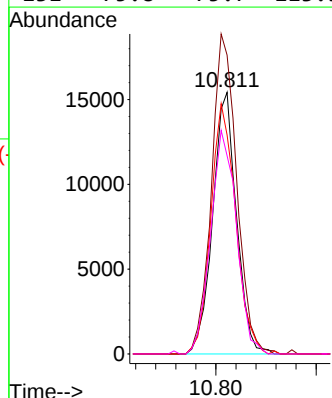
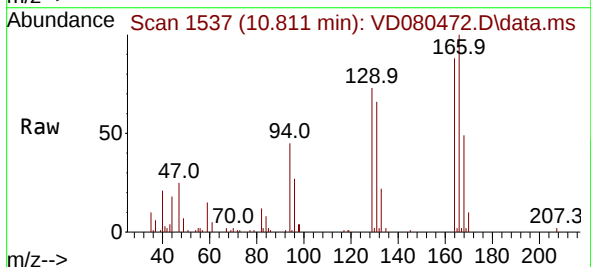
Ion Ratio Lower Upper

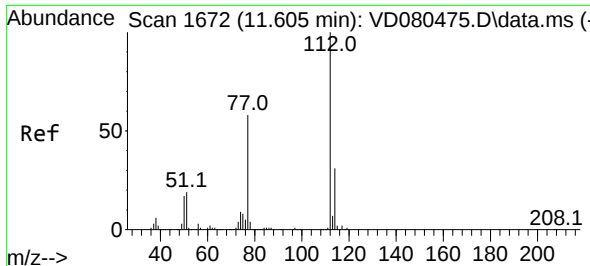
164 100

166 114.2 102.6 153.8

129 83.7 76.6 115.0

131 75.8 75.7 113.5

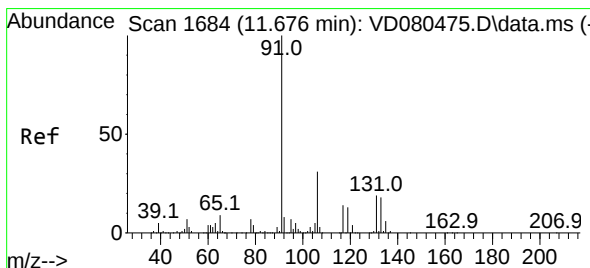
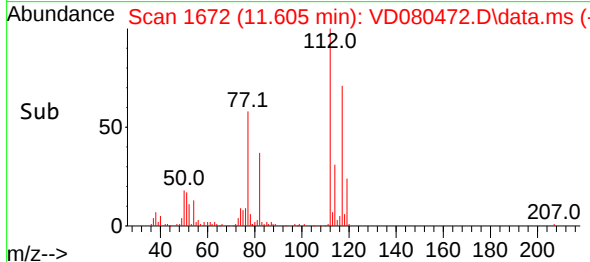
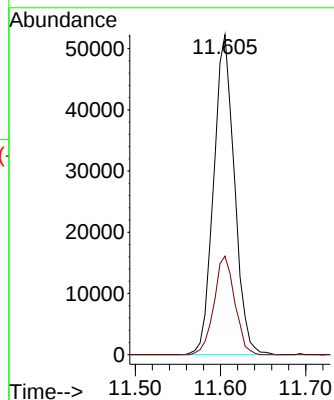
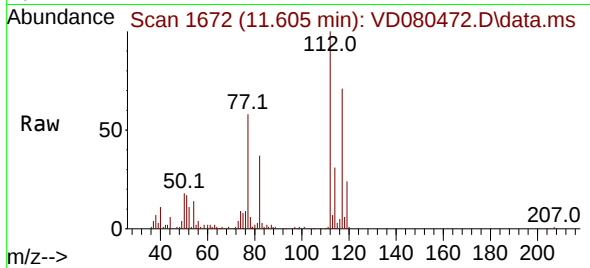




#65
Chlorobenzene
Concen: 5.034 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

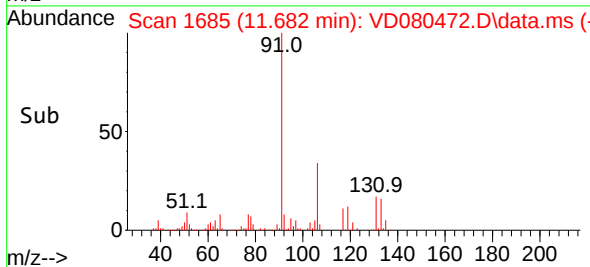
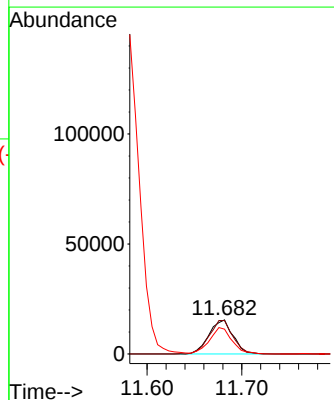
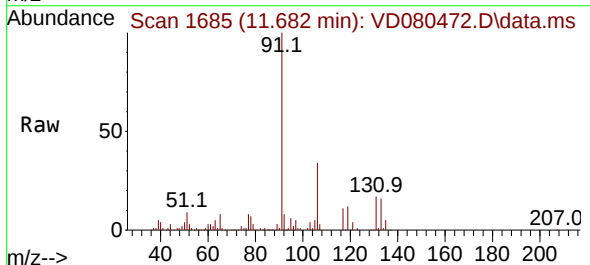
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

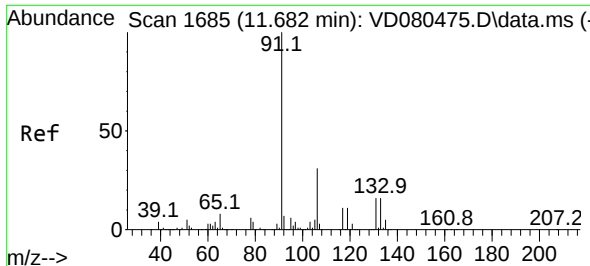
Tgt Ion:112 Resp: 88527
Ion Ratio Lower Upper
112 100
114 30.8 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.910 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion:131 Resp: 27138
Ion Ratio Lower Upper
131 100
133 98.0 47.3 141.8
119 72.6 34.9 104.7





#67

Ethyl Benzene

Concen: 5.000 ug/l

RT: 11.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

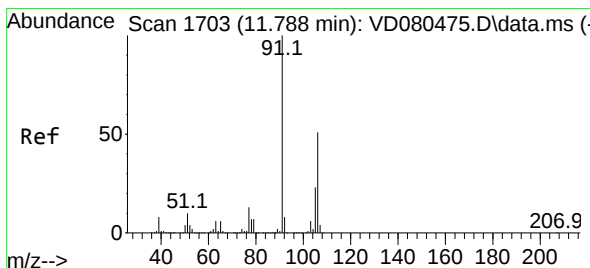
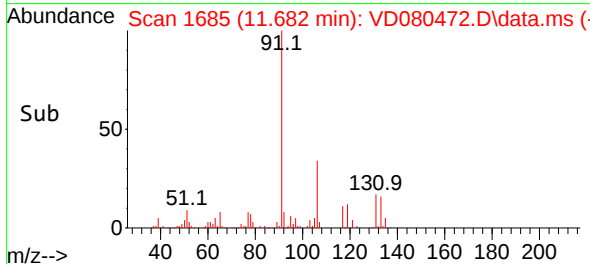
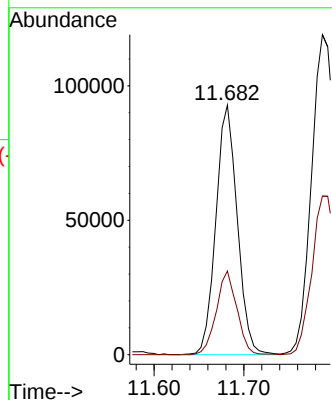
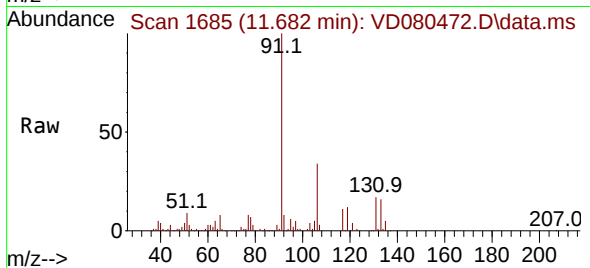
VSTDIC005

Tgt Ion: 91 Resp: 153810

Ion Ratio Lower Upper

91 100

106 33.5 25.0 37.4



#68

m/p-Xylenes

Concen: 9.864 ug/l

RT: 11.788 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD080472.D

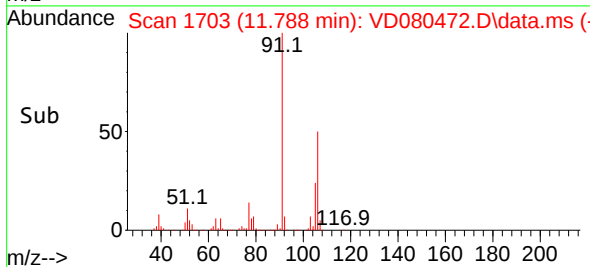
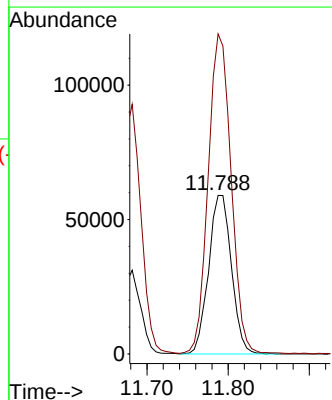
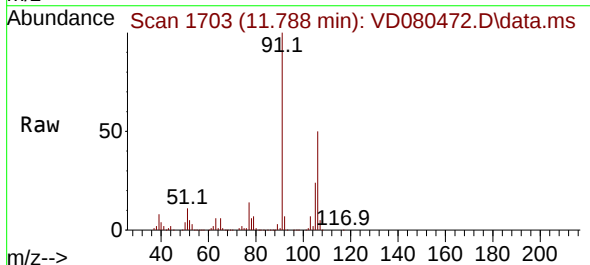
Acq: 26 Jun 2025 09:51

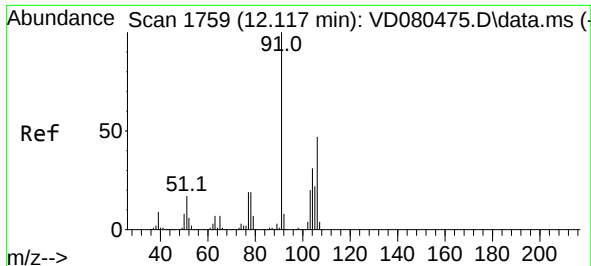
Tgt Ion: 106 Resp: 115534

Ion Ratio Lower Upper

106 100

91 201.8 159.9 239.9

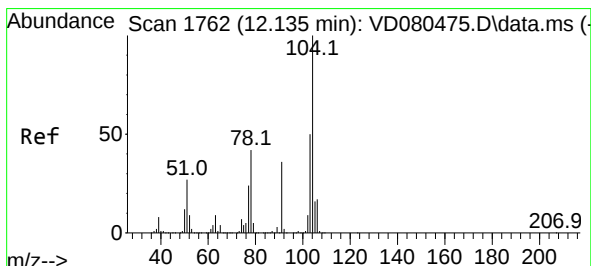
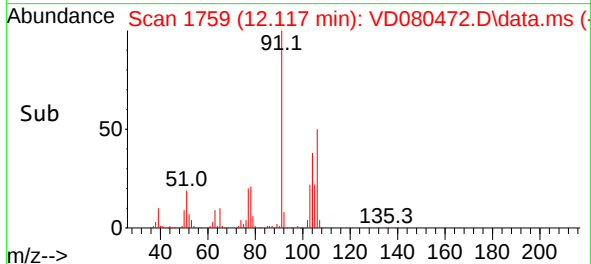
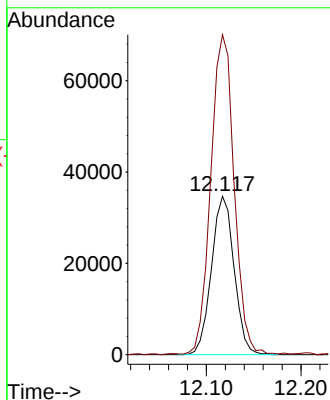
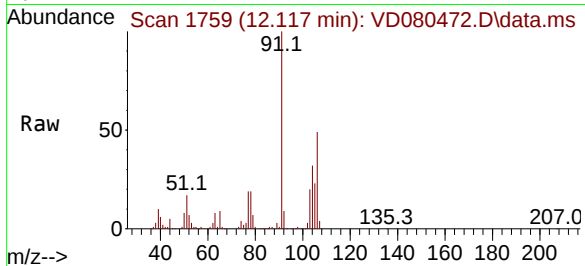




#69
o-Xylene
Concen: 5.104 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

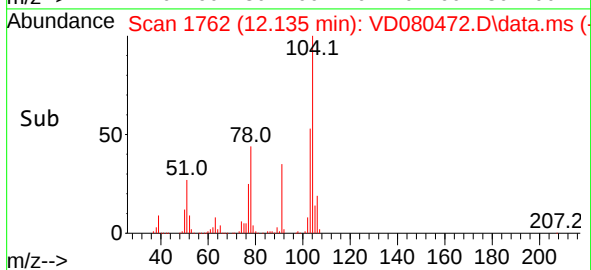
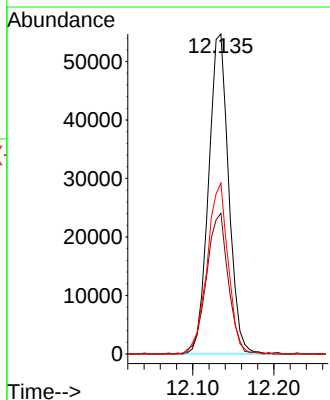
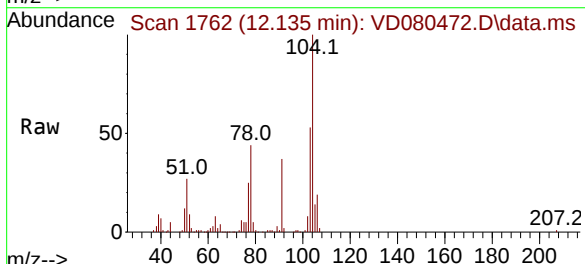
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

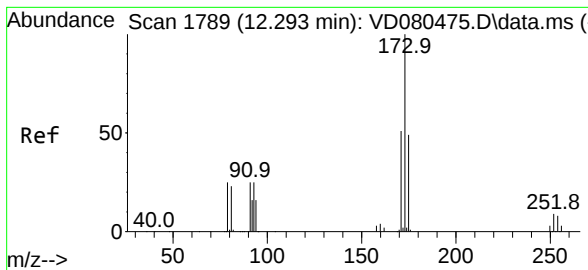
Tgt Ion:106 Resp: 57688
Ion Ratio Lower Upper
106 100
91 209.0 106.5 319.6



#70
Styrene
Concen: 4.913 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion:104 Resp: 93921
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 56.0 44.1 66.1

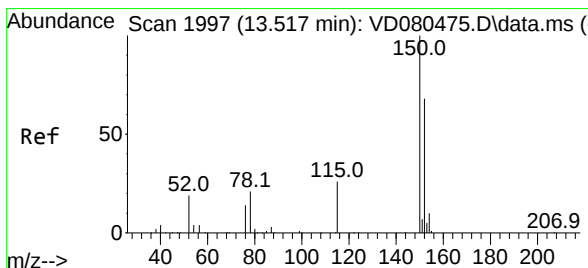
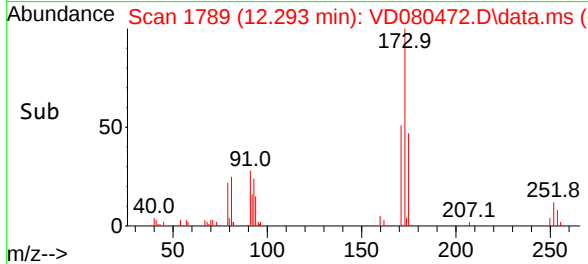
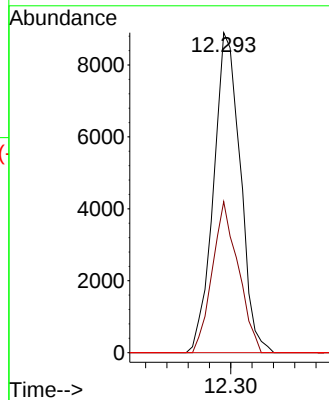
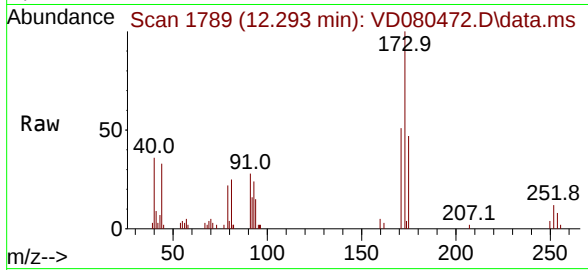




#71
Bromoform
Concen: 4.922 ug/l
RT: 12.293 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

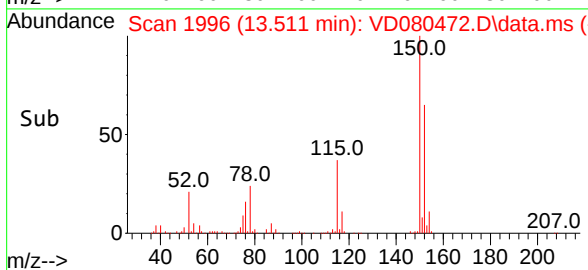
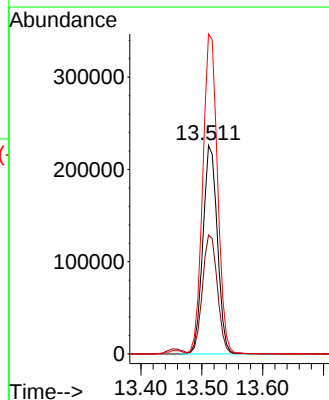
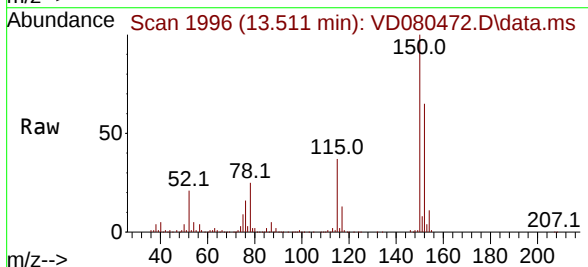
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

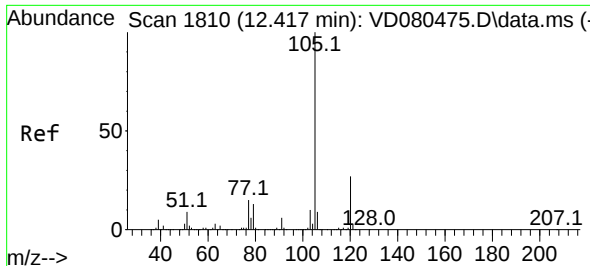
Tgt Ion:173 Resp: 15495
Ion Ratio Lower Upper
173 100
175 45.8 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.511 min Scan# 1996
Delta R.T. -0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion:152 Resp: 372543
Ion Ratio Lower Upper
152 100
115 59.2 30.2 90.6
150 156.9 0.0 350.2

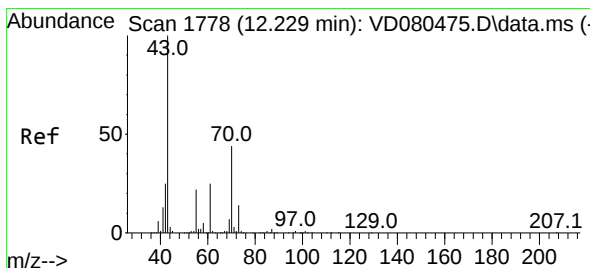
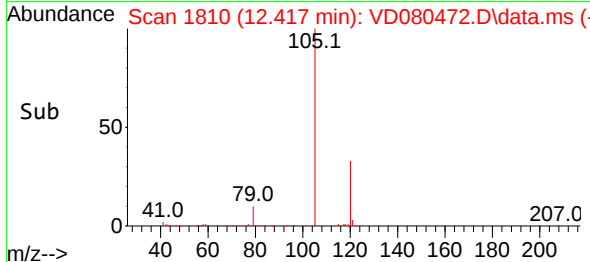
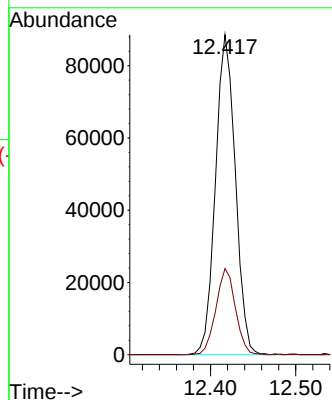
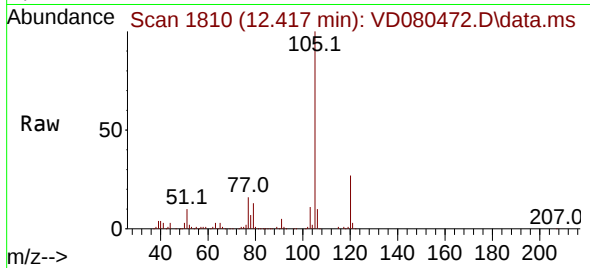




#73
Isopropylbenzene
Concen: 4.957 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

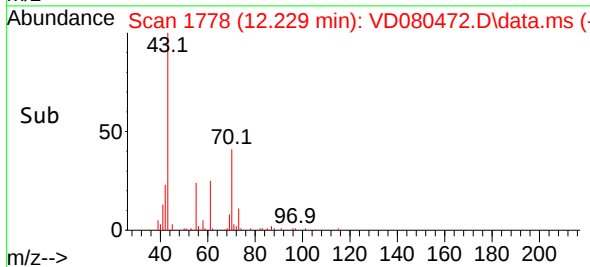
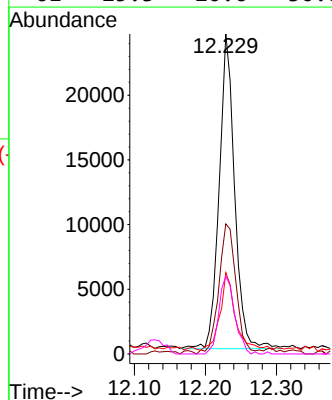
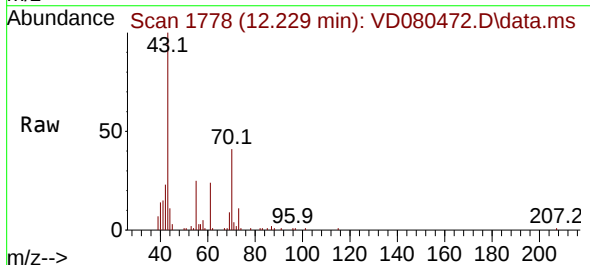
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

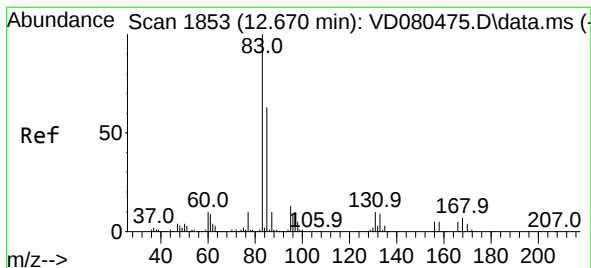
Tgt Ion:105 Resp: 143566
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 4.839 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 43 Resp: 36693
Ion Ratio Lower Upper
43 100
70 46.0 35.4 53.2
55 24.5 18.8 28.2
61 25.3 20.6 30.8

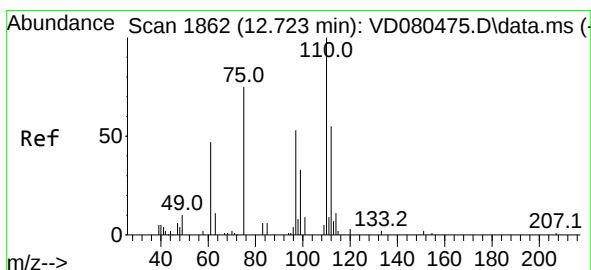
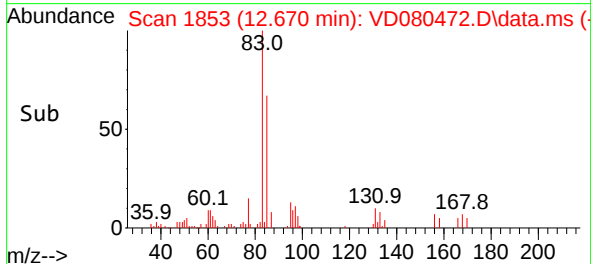
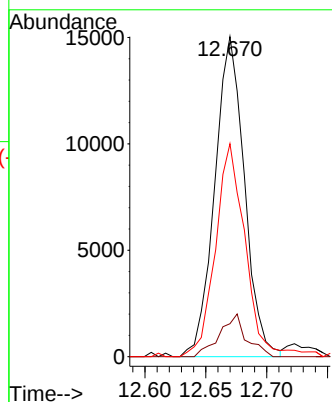
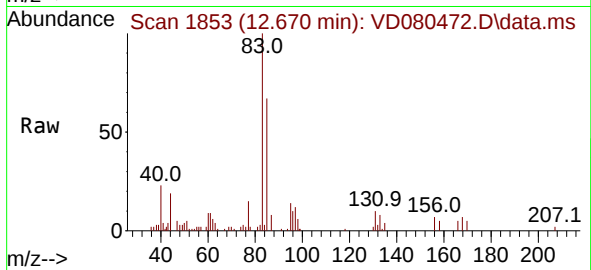




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.740 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

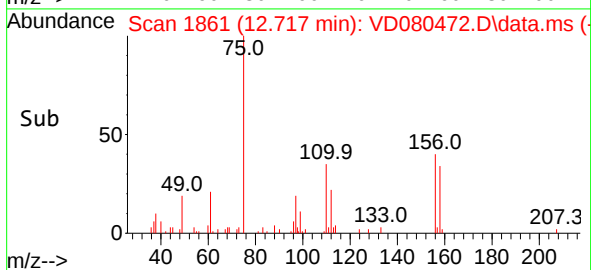
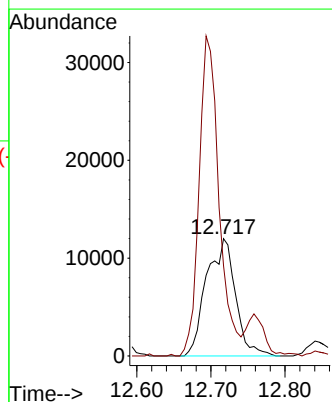
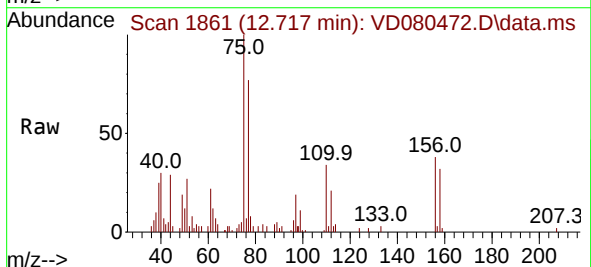
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

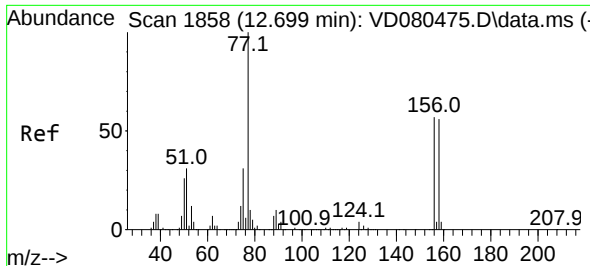
Tgt Ion: 83 Resp: 25559
 Ion Ratio Lower Upper
 83 100
 131 12.0 4.8 14.3
 85 67.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 10.234 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

Tgt Ion: 75 Resp: 32662
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

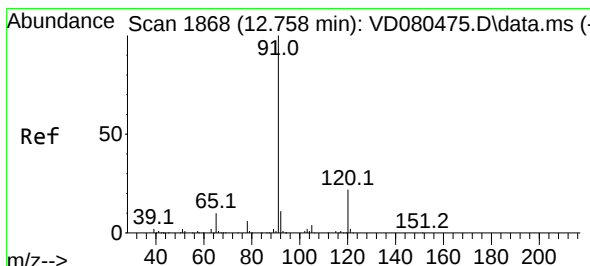
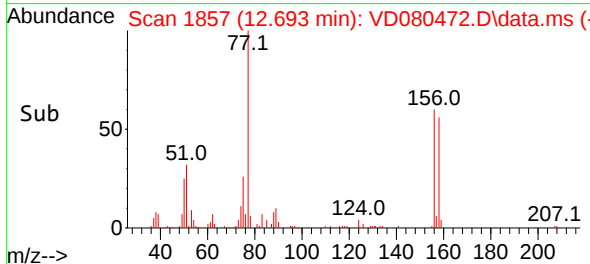
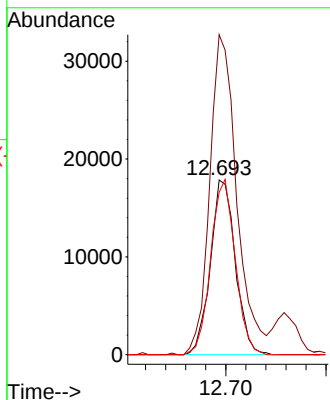
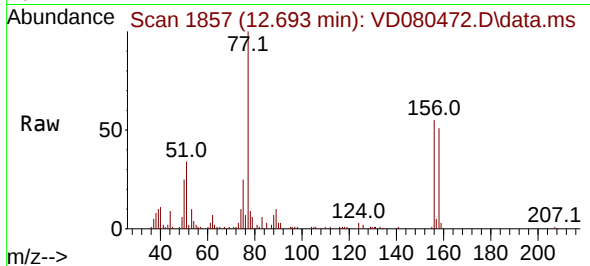




#77
Bromobenzene
Concen: 4.755 ug/l
RT: 12.693 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

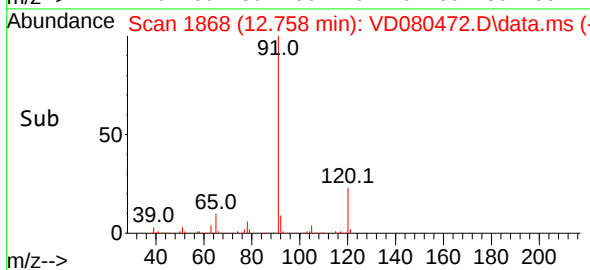
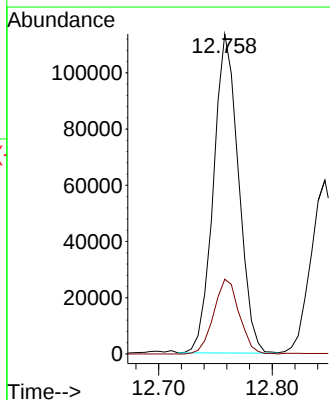
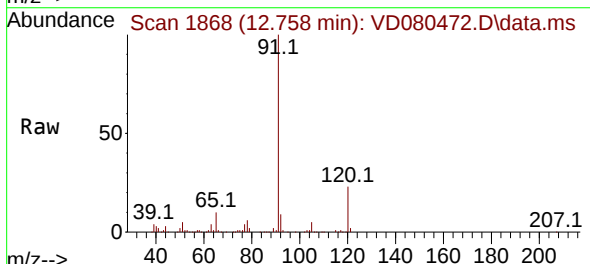
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

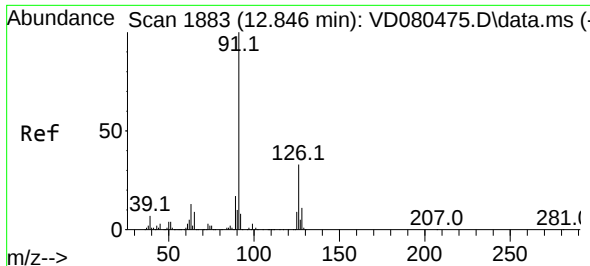
Tgt Ion:156 Resp: 30793
Ion Ratio Lower Upper
156 100
77 198.8 97.3 291.8
158 98.8 48.5 145.6



#78
n-propylbenzene
Concen: 4.994 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 91 Resp: 174106
Ion Ratio Lower Upper
91 100
120 23.7 11.3 33.9

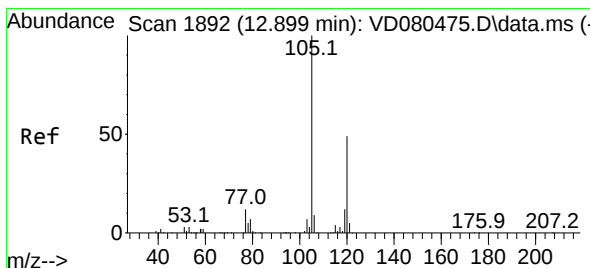
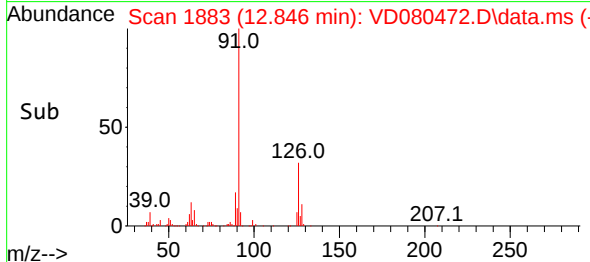
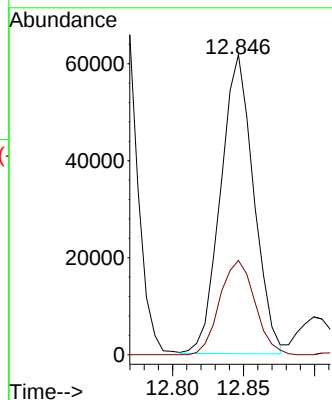
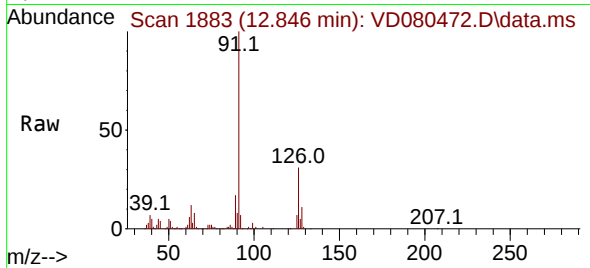




#79
2-Chlorotoluene
Concen: 4.977 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

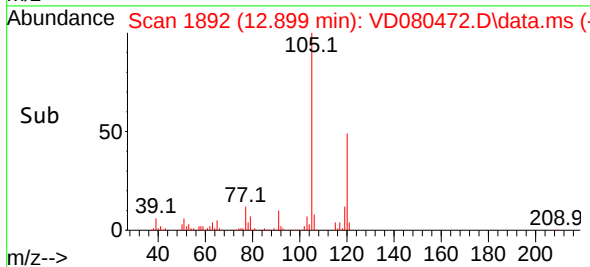
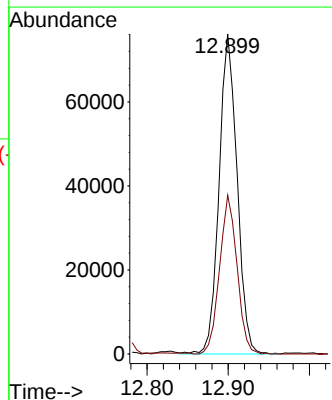
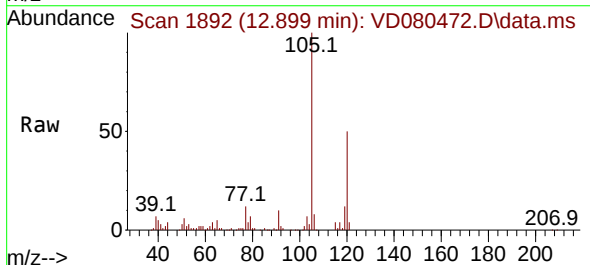
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

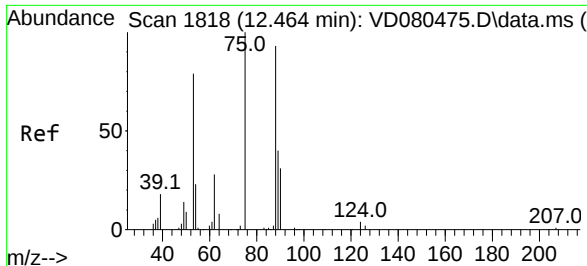
Tgt Ion: 91 Resp: 99799
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 5.005 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion: 105 Resp: 117531
Ion Ratio Lower Upper
105 100
120 48.1 24.5 73.5

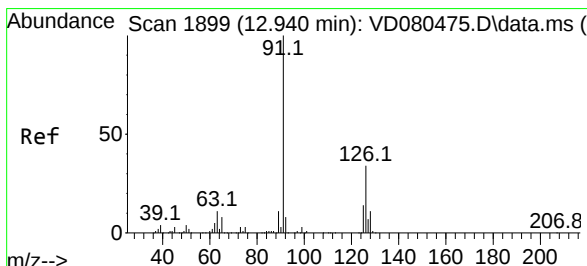
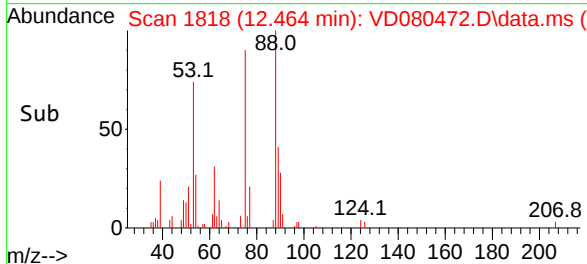
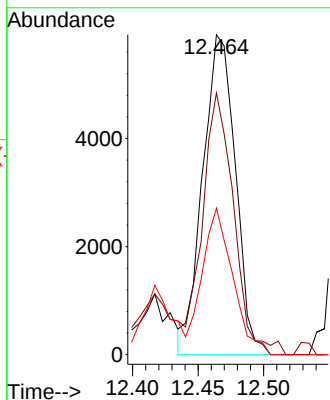
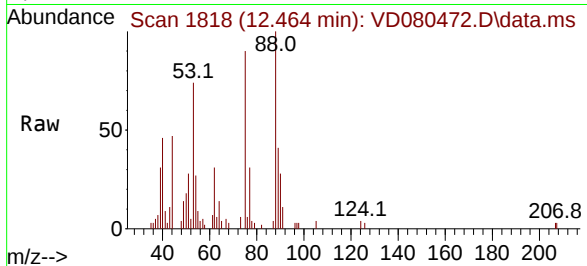




#81
trans-1,4-Dichloro-2-butene
Concen: 4.817 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

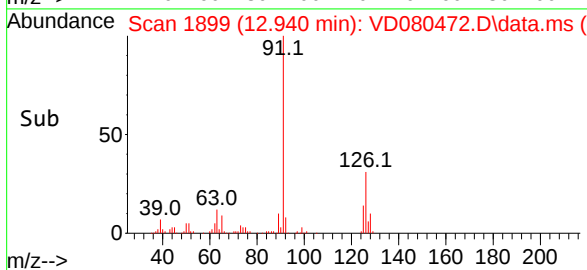
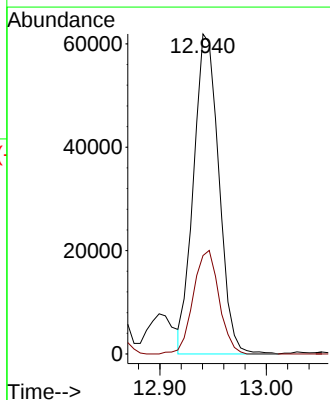
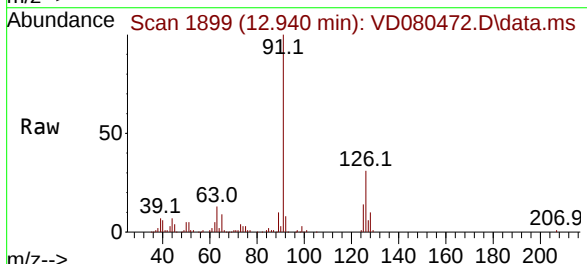
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

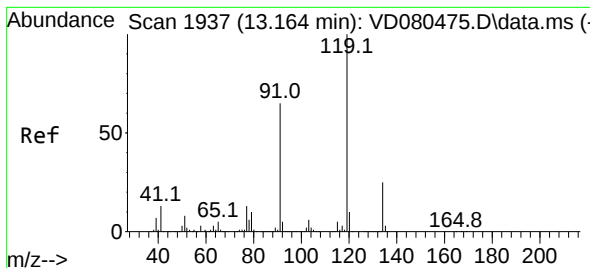
Tgt Ion:	75	Resp:	10265
Ion Ratio	Lower	Upper	
75	100		
53	77.3	61.5	92.3
89	42.8	33.0	49.6



#82
4-Chlorotoluene
Concen: 4.977 ug/l
RT: 12.940 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion:	91	Resp:	102503
Ion Ratio	Lower	Upper	
91	100		
126	32.9	17.0	50.9





#83

tert-Butylbenzene

Concen: 4.970 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. -0.000 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

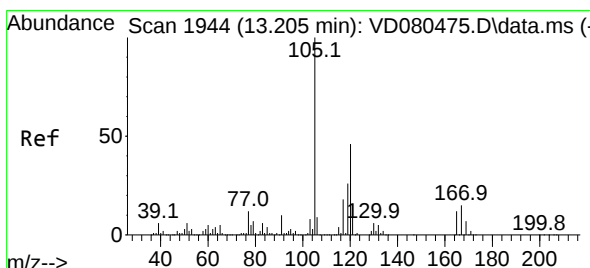
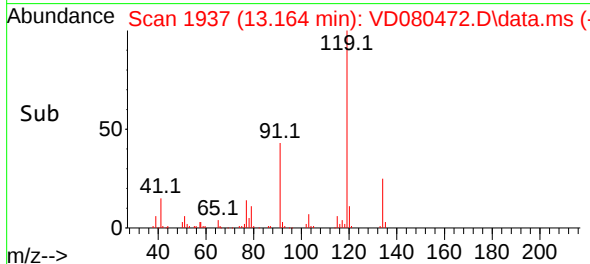
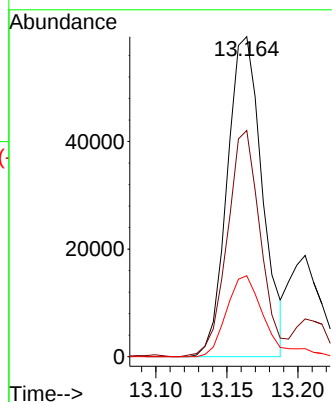
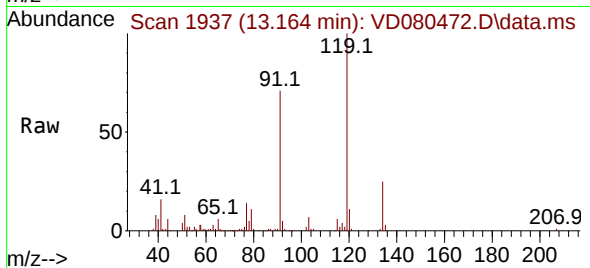
Tgt Ion:119 Resp: 102099

Ion Ratio Lower Upper

119 100

91 67.4 32.4 97.2

134 27.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 4.966 ug/l

RT: 13.205 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VD080472.D

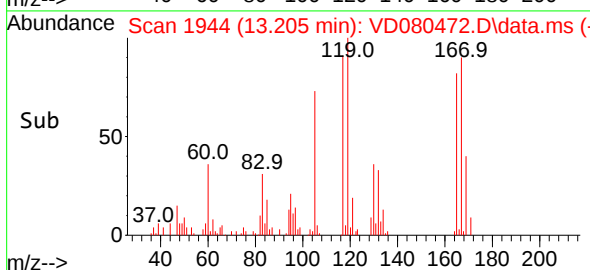
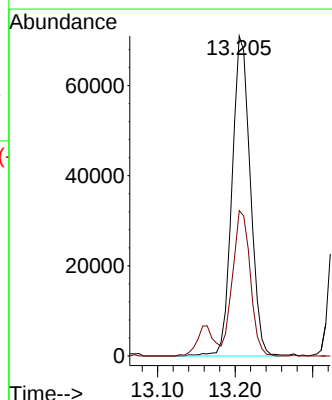
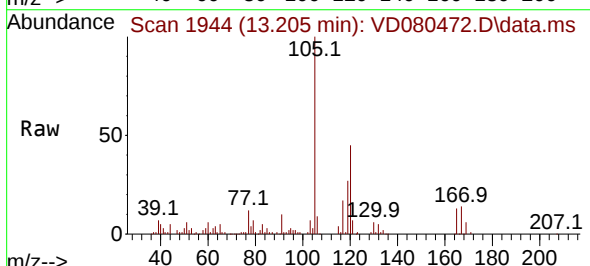
Acq: 26 Jun 2025 09:51

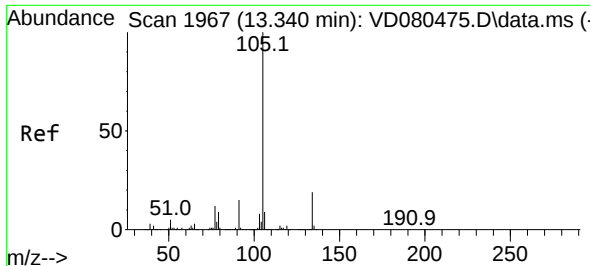
Tgt Ion:105 Resp: 116429

Ion Ratio Lower Upper

105 100

120 44.0 22.8 68.3

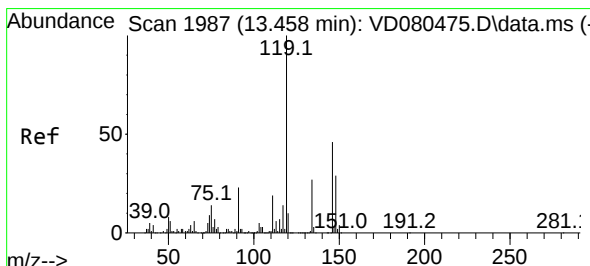
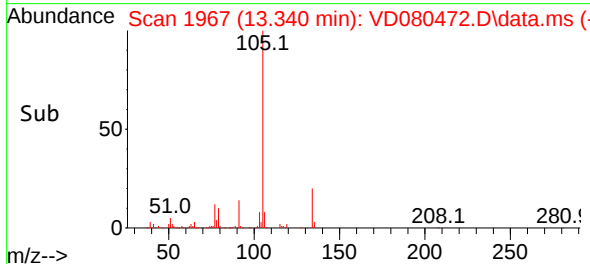
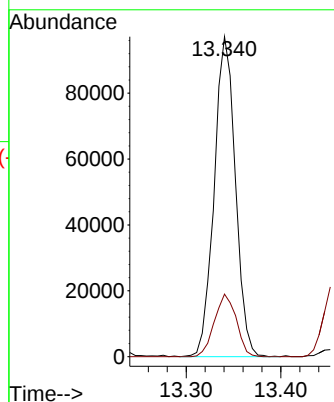
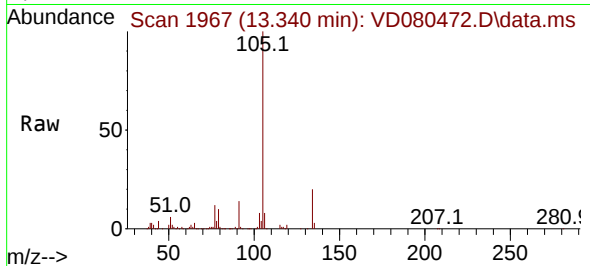




#85
 sec-Butylbenzene
 Concen: 4.986 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

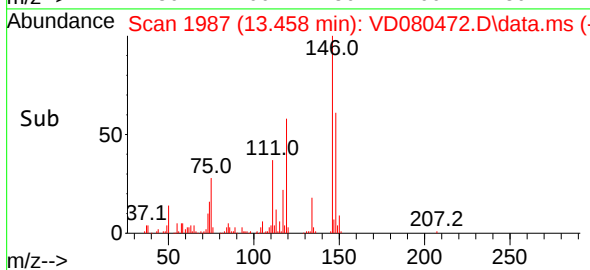
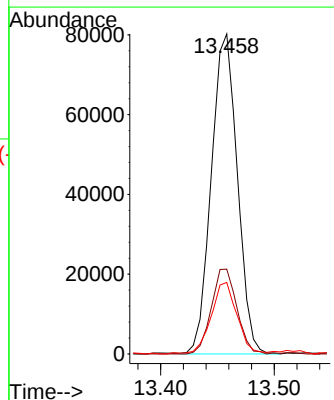
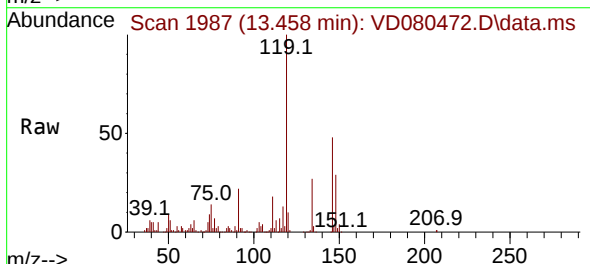
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

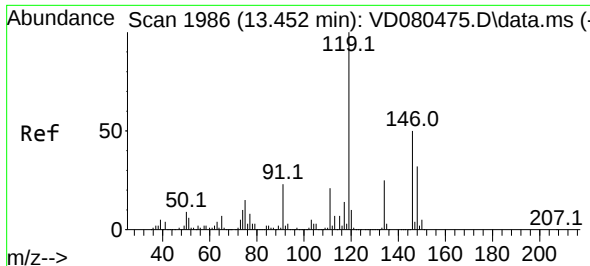
Tgt Ion:105 Resp: 151267
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 5.095 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

Tgt Ion:119 Resp: 127914
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 22.4 11.5 34.5

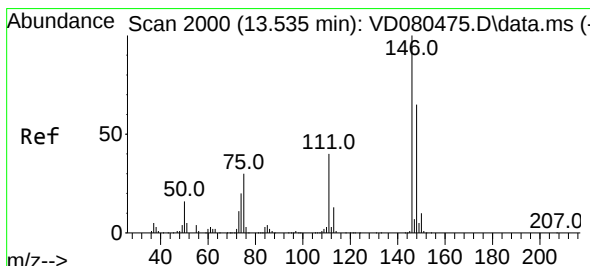
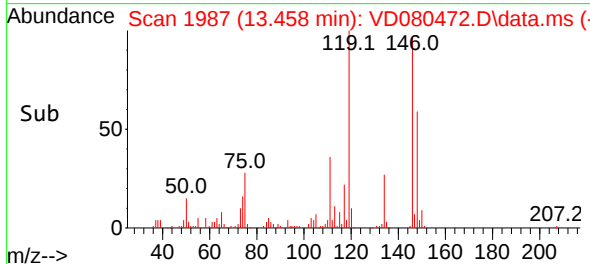
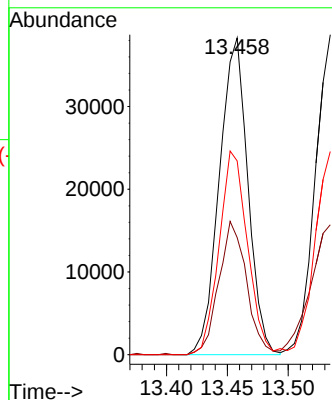
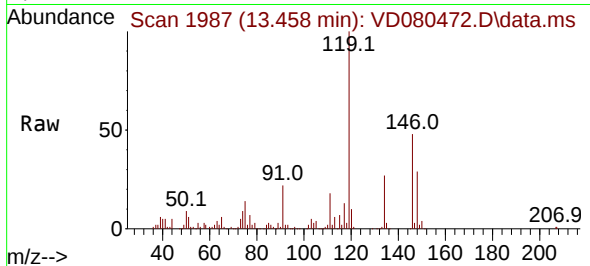




#87
1,3-Dichlorobenzene
Concen: 4.990 ug/l
RT: 13.458 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

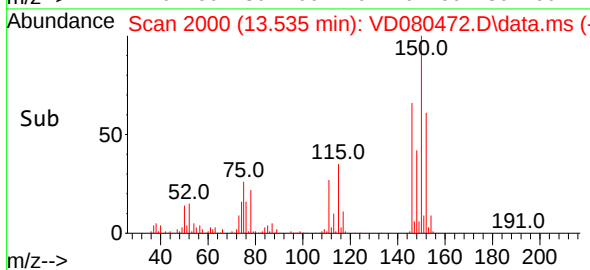
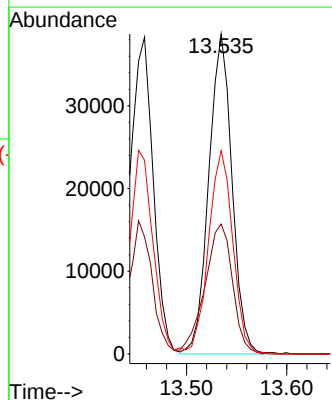
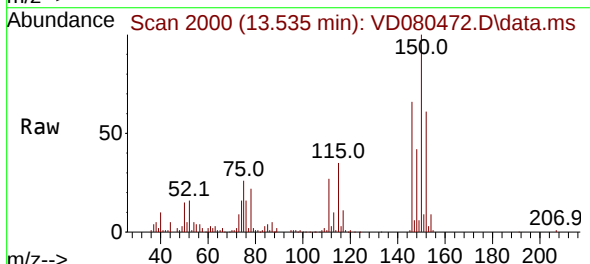
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

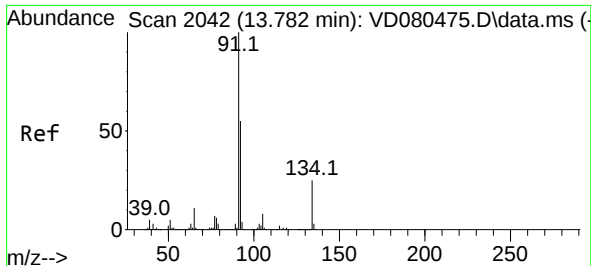
Tgt Ion:146 Resp: 62498
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 64.5 31.5 94.5



#88
1,4-Dichlorobenzene
Concen: 4.985 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion:146 Resp: 62323
Ion Ratio Lower Upper
146 100
111 48.2 20.0 60.0
148 66.1 32.1 96.3





#89

n-Butylbenzene

Concen: 5.070 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VD080472.D

Acq: 26 Jun 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

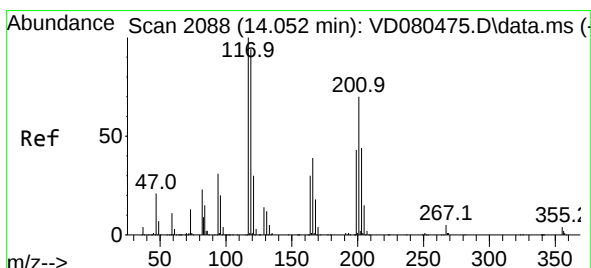
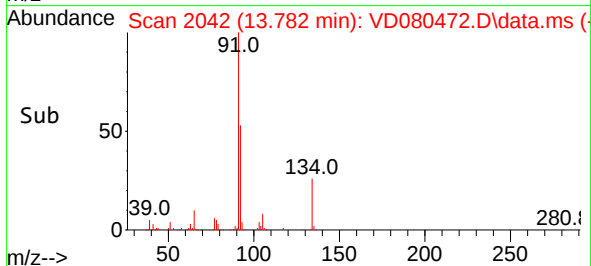
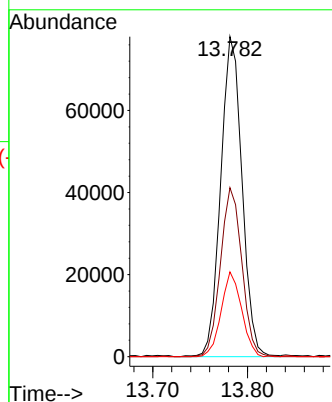
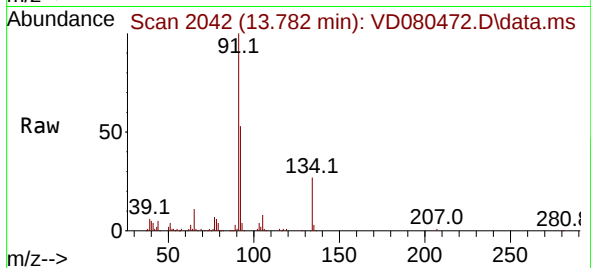
Tgt Ion: 91 Resp: 122159

Ion Ratio Lower Upper

91 100

92 53.0 27.4 82.0

134 25.5 12.6 37.8



#90

Hexachloroethane

Concen: 5.083 ug/l

RT: 14.046 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VD080472.D

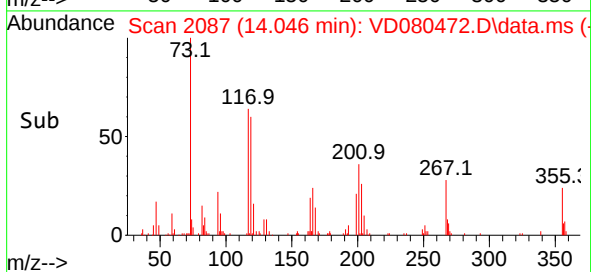
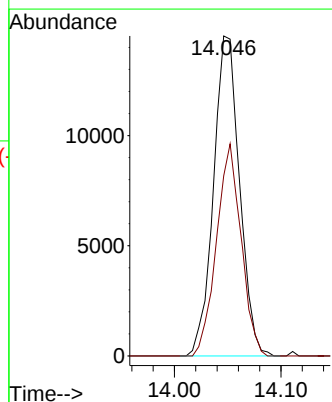
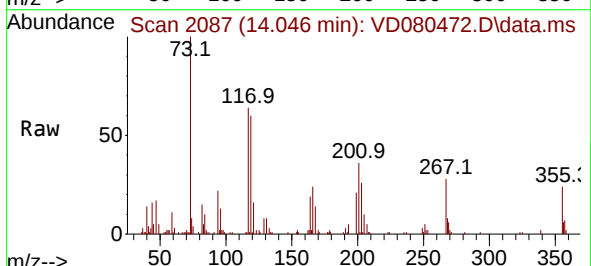
Acq: 26 Jun 2025 09:51

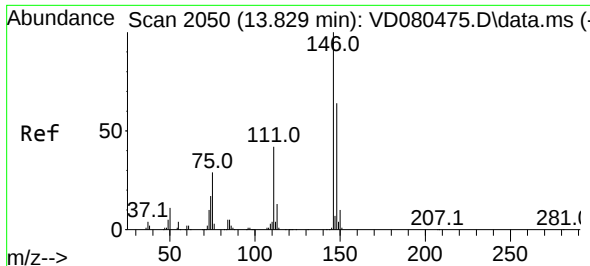
Tgt Ion: 117 Resp: 24656

Ion Ratio Lower Upper

117 100

201 62.6 34.2 102.5

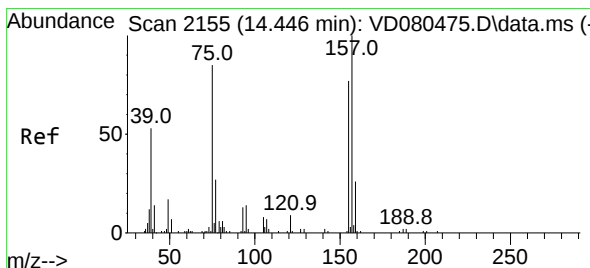
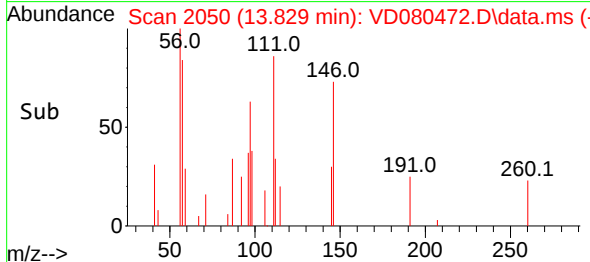
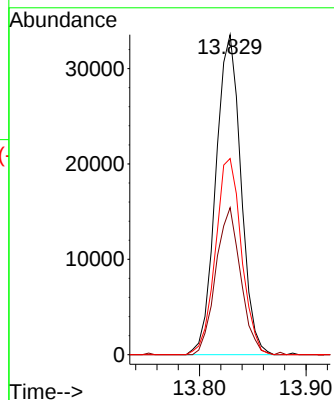
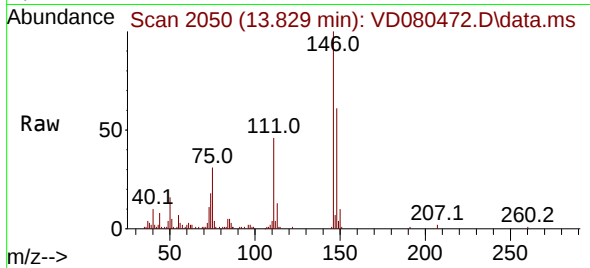




#91
 1,2-Dichlorobenzene
 Concen: 4.980 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

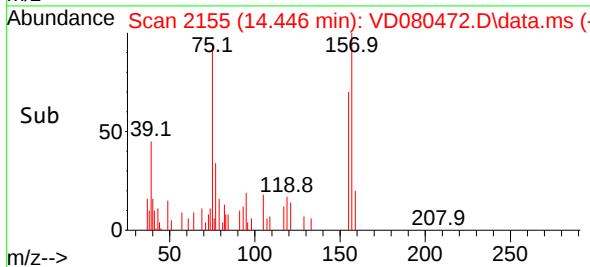
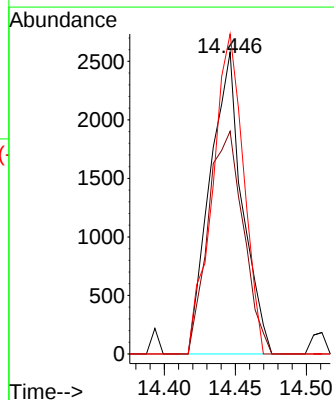
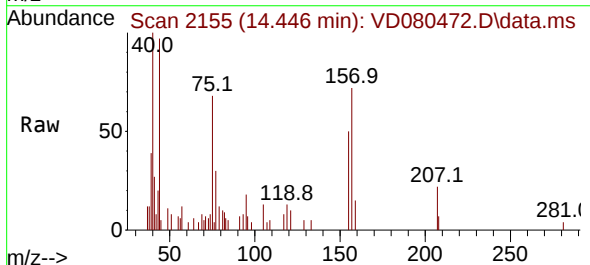
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

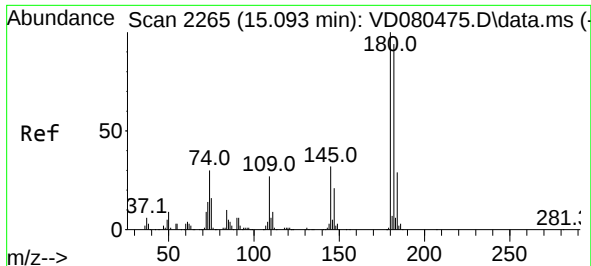
Tgt Ion:146 Resp: 54906
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.3 63.7
 148 63.4 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.012 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: VD080472.D
 Acq: 26 Jun 2025 09:51

Tgt Ion: 75 Resp: 4076
 Ion Ratio Lower Upper
 75 100
 155 81.0 45.6 136.8
 157 102.0 58.6 175.8

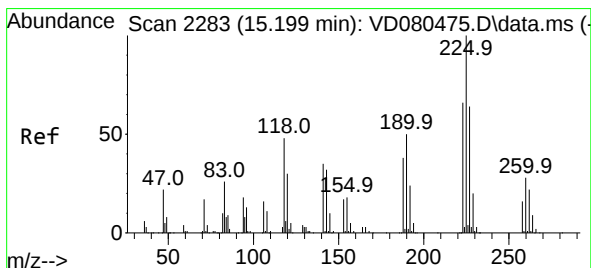
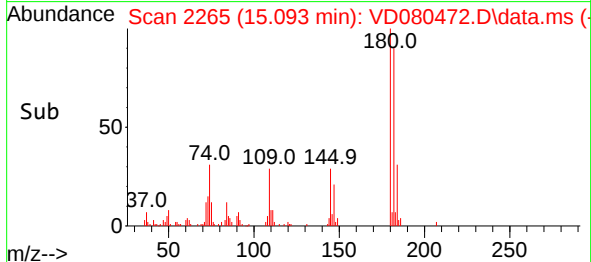
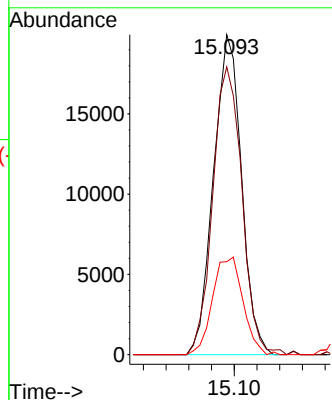
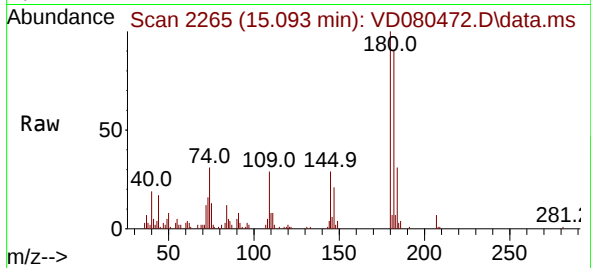




#93
1,2,4-Trichlorobenzene
Concen: 4.935 ug/l
RT: 15.093 min Scan# 2265
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

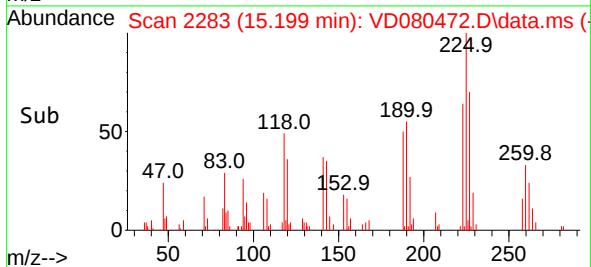
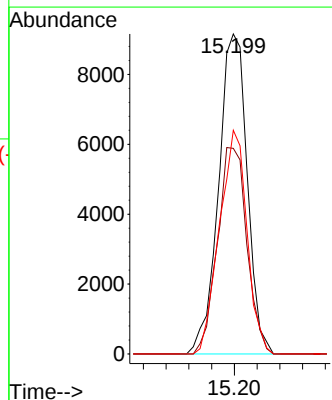
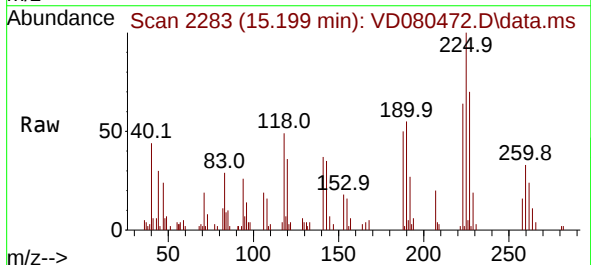
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

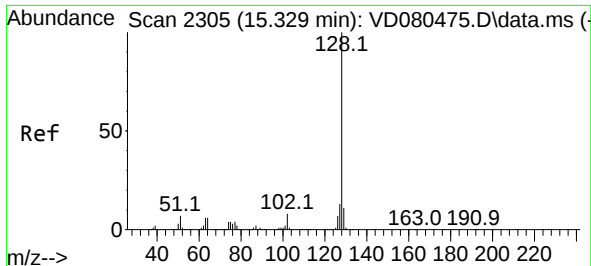
Tgt Ion:180 Resp: 34093
Ion Ratio Lower Upper
180 100
182 93.9 46.8 140.4
145 33.2 16.0 47.9



#94
Hexachlorobutadiene
Concen: 5.027 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion:225 Resp: 16032
Ion Ratio Lower Upper
225 100
223 66.1 31.4 94.2
227 67.2 31.8 95.3

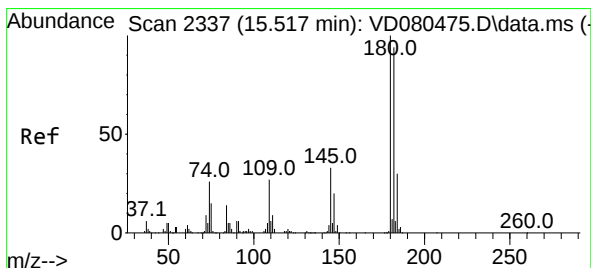
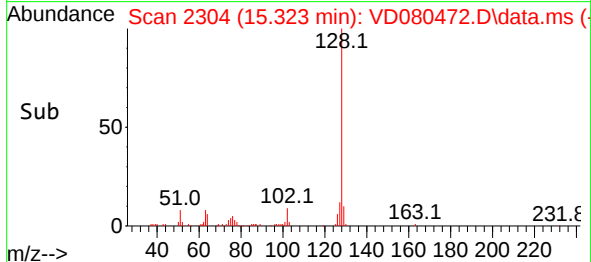
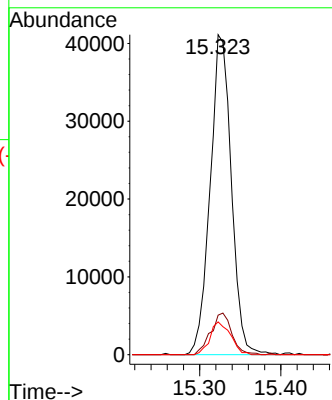
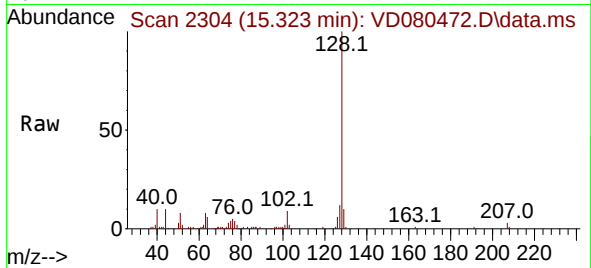




#95
Naphthalene
Concen: 4.854 ug/l
RT: 15.323 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 74512
Ion Ratio Lower Upper
128 100
127 12.4 10.6 15.8
129 10.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.801 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080472.D
Acq: 26 Jun 2025 09:51

Tgt Ion:180 Resp: 28518
Ion Ratio Lower Upper
180 100
182 100.5 47.3 141.9
145 36.4 16.7 50.1

