

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080512.D
 Acq On : 04 Sep 2025 13:09
 Operator : RP/MD
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 05 03:45:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	369903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	655152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	577706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	271985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	182147	43.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.300%
35) Dibromofluoromethane	7.806	113	189667	47.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.420%
50) Toluene-d8	10.270	98	755462	47.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.570	95	234063	47.037	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	131928	41.891	ug/l	98
3) Chloromethane	2.147	50	225933	45.446	ug/l	97
4) Vinyl Chloride	2.288	62	247667	48.271	ug/l	99
5) Bromomethane	2.694	94	132422	45.926	ug/l	99
6) Chloroethane	2.841	64	163837	48.922	ug/l	99
7) Trichlorofluoromethane	3.176	101	287520	48.115	ug/l	97
8) Diethyl Ether	3.594	74	109325	46.169	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.965	101	185060	47.728	ug/l	99
10) Methyl Iodide	4.159	142	213633	47.726	ug/l	100
11) Tert butyl alcohol	5.059	59	69042	228.610	ug/l	100
12) 1,1-Dichloroethene	3.941	96	190569	47.177	ug/l	93
13) Acrolein	3.800	56	48192	150.141	ug/l	99
14) Allyl chloride	4.559	41	320791	45.762	ug/l	98
15) Acrylonitrile	5.253	53	248197	235.362	ug/l	97
16) Acetone	4.023	43	224281	229.558	ug/l	99
17) Carbon Disulfide	4.271	76	627636	45.949	ug/l	99
18) Methyl Acetate	4.565	43	129877	47.237	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	508250	47.947	ug/l	100
20) Methylene Chloride	4.806	84	241419	44.982	ug/l	97
21) trans-1,2-Dichloroethene	5.312	96	218273	47.201	ug/l	99
22) Diisopropyl ether	6.217	45	682271	47.288	ug/l	99
23) Vinyl Acetate	6.159	43	1957319	238.398	ug/l	98
24) 1,1-Dichloroethane	6.112	63	394796	47.270	ug/l	99
25) 2-Butanone	7.082	43	323583	233.900	ug/l	95
26) 2,2-Dichloropropane	7.076	77	312757	47.296	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	263527	47.750	ug/l	99
28) Bromochloromethane	7.429	49	162348	47.699	ug/l	98
29) Tetrahydrofuran	7.447	42	209922	240.128	ug/l	99
30) Chloroform	7.594	83	388526	48.652	ug/l	97
31) Cyclohexane	7.882	56	350870	44.883	ug/l	98
32) 1,1,1-Trichloroethane	7.794	97	321064	48.285	ug/l	100
36) 1,1-Dichloropropene	8.011	75	283796	49.432	ug/l	98
37) Ethyl Acetate	7.170	43	137140	49.675	ug/l	97
38) Carbon Tetrachloride	7.994	117	279831	51.212	ug/l	97
39) Methylcyclohexane	9.276	83	376056	49.211	ug/l	98
40) Benzene	8.253	78	895222	48.995	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	72302	44.111	ug/l	92
42) 1,2-Dichloroethane	8.329	62	223259	50.446	ug/l	100
43) Isopropyl Acetate	8.359	43	275872	49.113	ug/l	100
44) Trichloroethene	9.029	130	223718	50.469	ug/l	98
45) 1,2-Dichloropropane	9.306	63	218085	48.128	ug/l	98
46) Dibromomethane	9.394	93	122676	50.532	ug/l	97
47) Bromodichloromethane	9.582	83	300296	50.740	ug/l	99
48) Methyl methacrylate	9.376	41	138141	49.609	ug/l	98
49) 1,4-Dioxane	9.382	88	31330	1043.882	ug/l	94
51) 4-Methyl-2-Pentanone	10.158	43	697519	248.994	ug/l	100
52) Toluene	10.335	92	568369	49.880	ug/l	99
53) t-1,3-Dichloropropene	10.553	75	299887	49.719	ug/l	97
54) cis-1,3-Dichloropropene	10.017	75	354762	49.183	ug/l	97
55) 1,1,2-Trichloroethane	10.729	97	163153	50.125	ug/l	98
56) Ethyl methacrylate	10.594	69	225818	49.795	ug/l	97
57) 1,3-Dichloropropane	10.876	76	287192	50.274	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	449580	256.179	ug/l	100
59) 2-Hexanone	10.917	43	490206	246.282	ug/l	99
60) Dibromochloromethane	11.070	129	210317	51.271	ug/l	99
61) 1,2-Dibromoethane	11.176	107	159656	51.550	ug/l	100
64) Tetrachloroethene	10.811	164	181777	50.951	ug/l	97
65) Chlorobenzene	11.605	112	609238	49.488	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.682	131	201066	51.205	ug/l	99
67) Ethyl Benzene	11.682	91	1068611	50.151	ug/l	99
68) m/p-Xylenes	11.794	106	819250	99.855	ug/l	98
69) o-Xylene	12.117	106	391759	50.038	ug/l	100
70) Styrene	12.135	104	673080	50.534	ug/l	99
71) Bromoform	12.299	173	115500	51.755	ug/l #	96
73) Isopropylbenzene	12.417	105	991419	49.751	ug/l	99
74) N-amyl acetate	12.229	43	260935	49.343	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	184720	49.858	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	239314	107.808	ug/l #	100
77) Bromobenzene	12.699	156	230858	50.070	ug/l	99
78) n-propylbenzene	12.758	91	1198765	49.541	ug/l	100
79) 2-Chlorotoluene	12.847	91	675018	48.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	805978	49.774	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	70010	47.869	ug/l	99
82) 4-Chlorotoluene	12.947	91	695963	49.071	ug/l	98
83) tert-Butylbenzene	13.164	119	708238	50.411	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	809318	49.638	ug/l	98
85) sec-Butylbenzene	13.341	105	1050853	50.116	ug/l	100
86) p-Isopropyltoluene	13.458	119	876224	49.955	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	452463	50.897	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	447281	50.106	ug/l	99
89) n-Butylbenzene	13.782	91	827656	49.534	ug/l	99
90) Hexachloroethane	14.052	117	168080	49.542	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	395346	49.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.441	75	27637	49.708	ug/l	97
93) 1,2,4-Trichlorobenzene	15.093	180	248282	50.093	ug/l	99
94) Hexachlorobutadiene	15.199	225	113581	50.418	ug/l	99
95) Naphthalene	15.329	128	528420	50.118	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	215753	50.850	ug/l	100

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Quant Title : SW846 8260
QLast Update : Thu Aug 28 03:02:37 2025
Response via : Initial Calibration

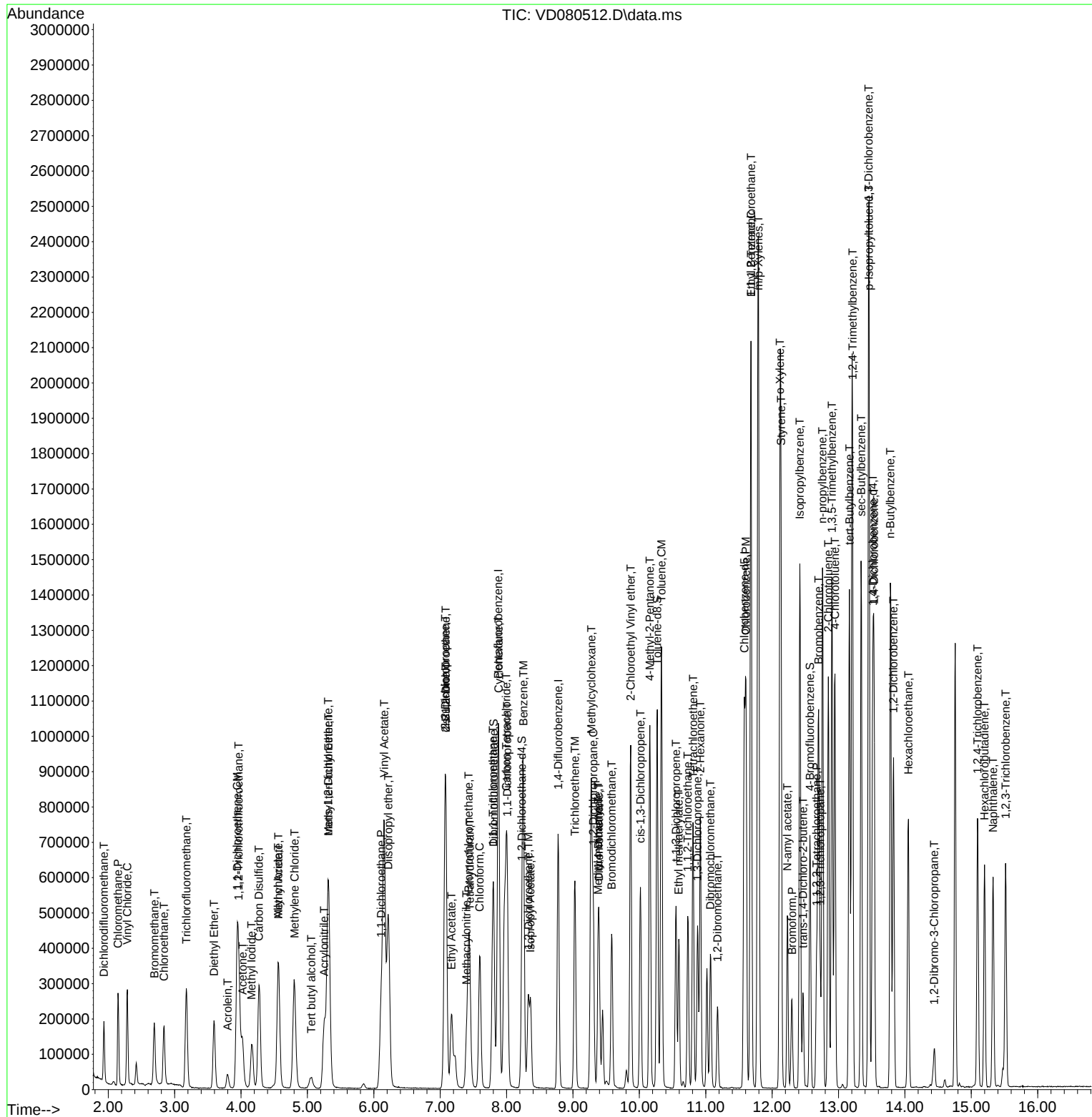
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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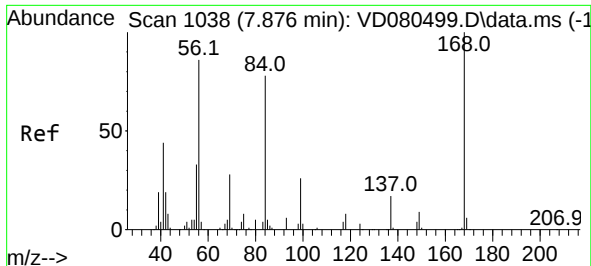
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080425\
Data File : VD080512.D
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Operator : RP/MD
Sample : VSTDCCC050EC
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 05 03:45:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 03:02:37 2025
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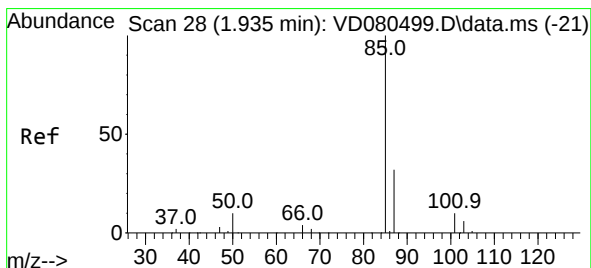
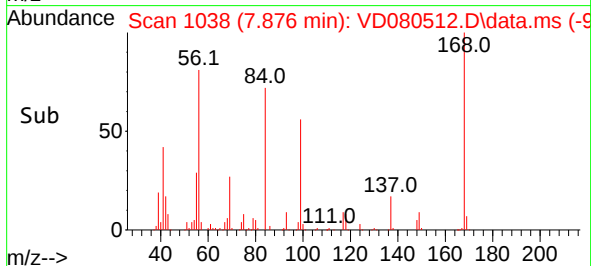
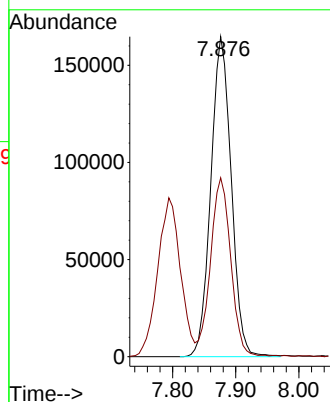
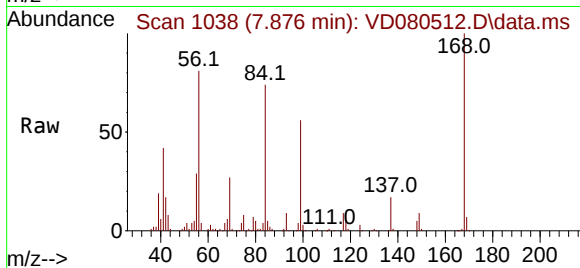




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080512.D
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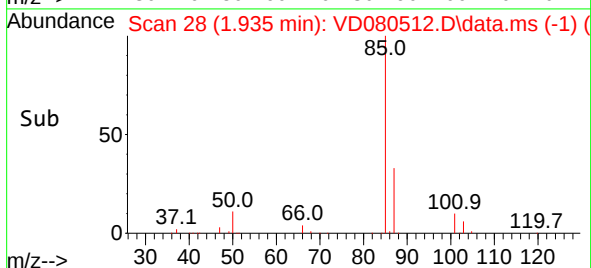
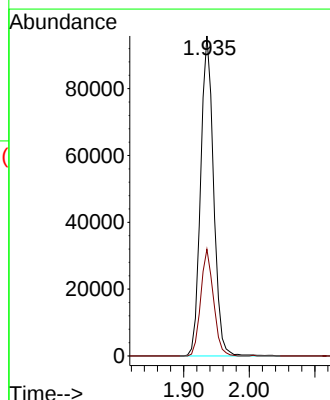
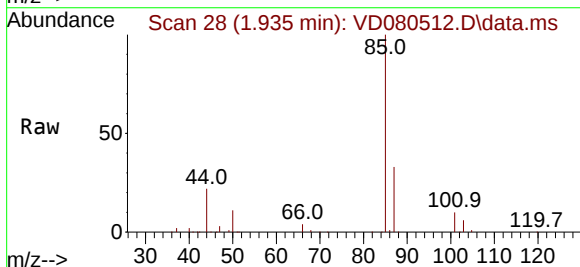
Instrument :
MSVOA_D
ClientSampleId :

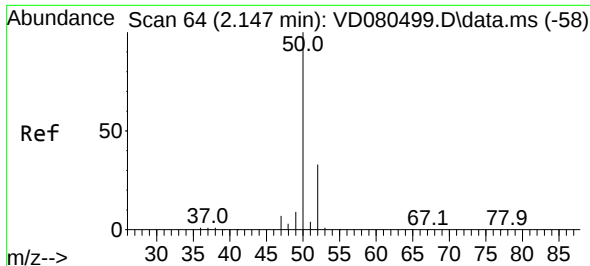
Tgt Ion:168 Resp: 369903
Ion Ratio Lower Upper
168 100
99 55.7 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 41.891 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 85 Resp: 131928
Ion Ratio Lower Upper
85 100
87 33.4 16.2 48.5

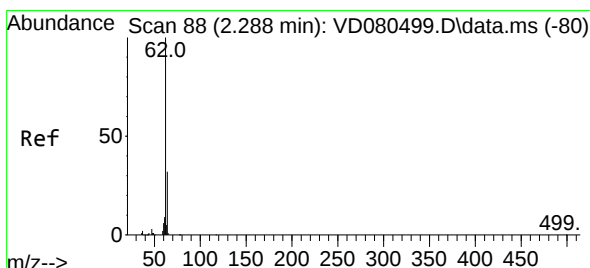
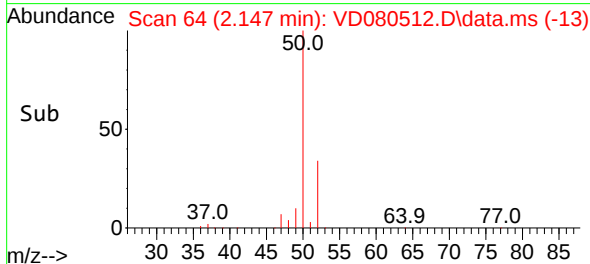
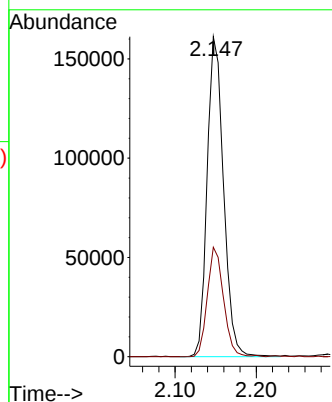
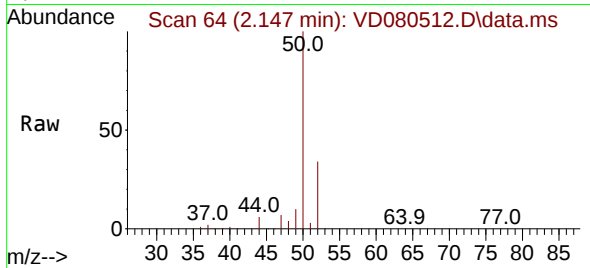




#3
Chloromethane
Concen: 45.446 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

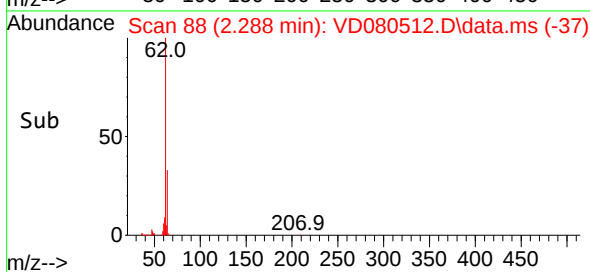
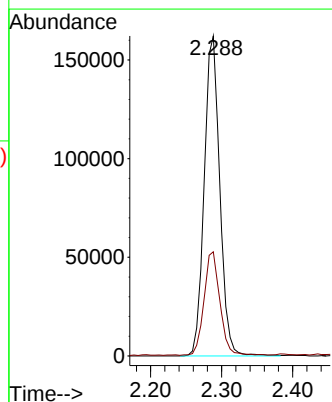
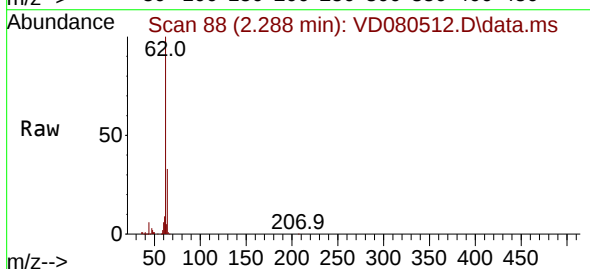
Instrument :
MSVOA_D
ClientSampleId :

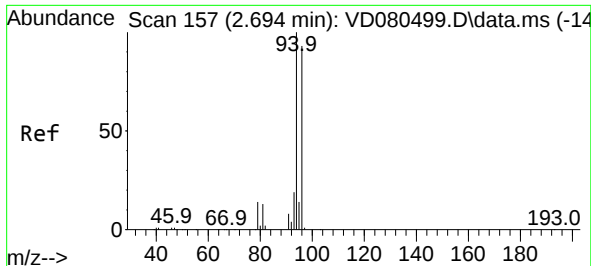
Tgt Ion: 50 Resp: 225933
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.4



#4
Vinyl Chloride
Concen: 48.271 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 62 Resp: 247667
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4

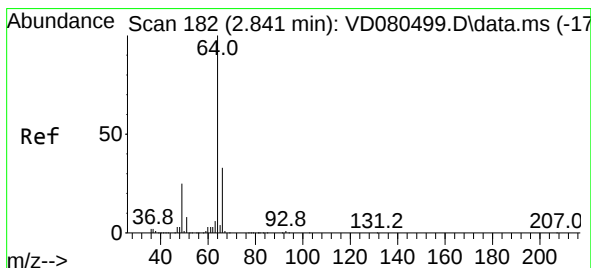
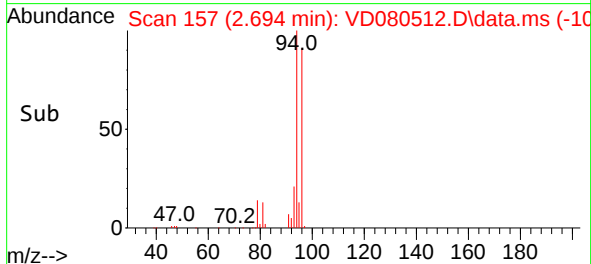
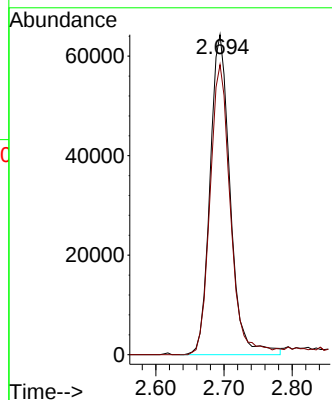
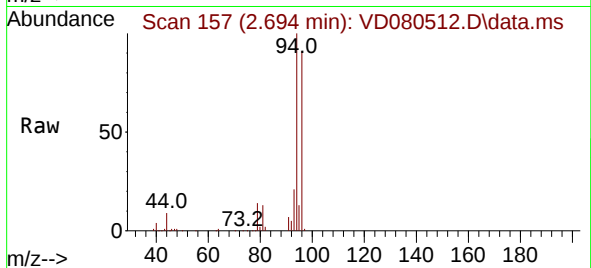




#5
Bromomethane
Concen: 45.926 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

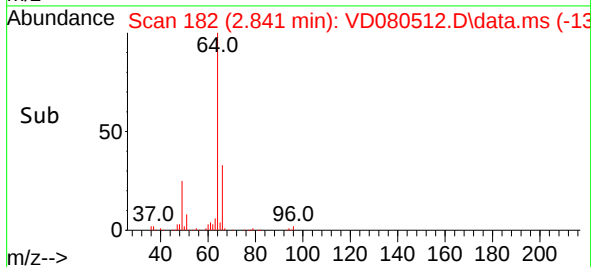
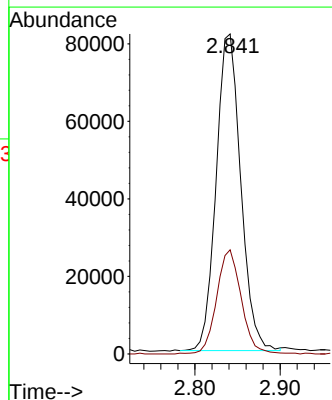
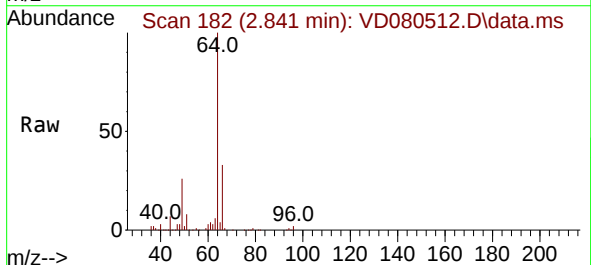
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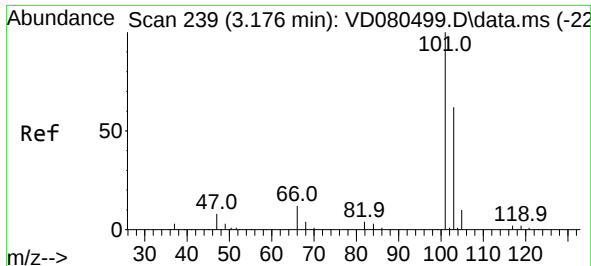
Tgt Ion: 94 Resp: 132422
Ion Ratio Lower Upper
94 100
96 91.8 74.6 111.8



#6
Chloroethane
Concen: 48.922 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 64 Resp: 163837
Ion Ratio Lower Upper
64 100
66 32.7 26.5 39.7

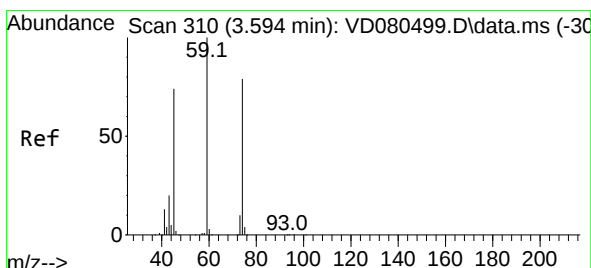
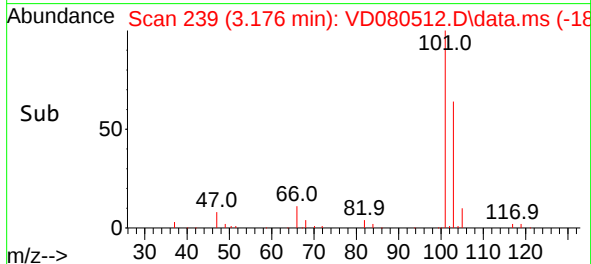
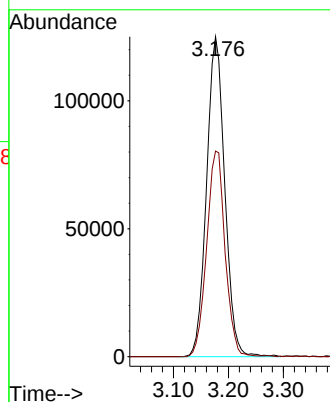
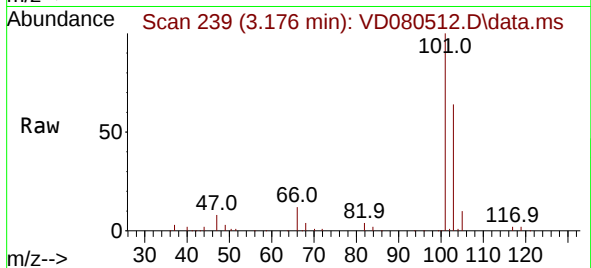




#7
 Trichlorofluoromethane
 Concen: 48.115 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

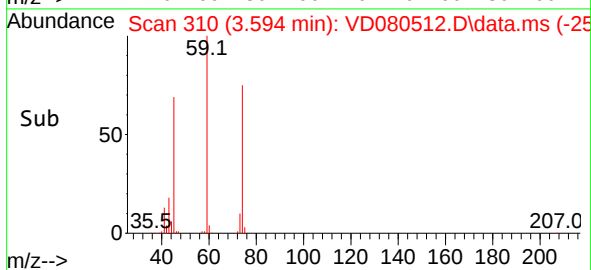
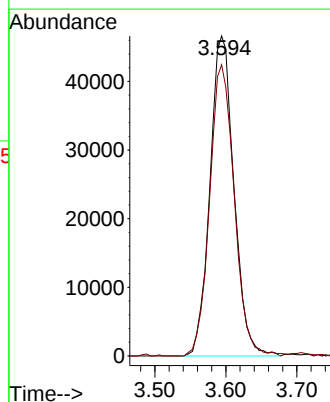
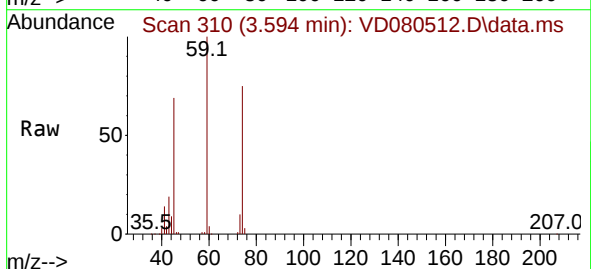
Instrument :
 MSVOA_D
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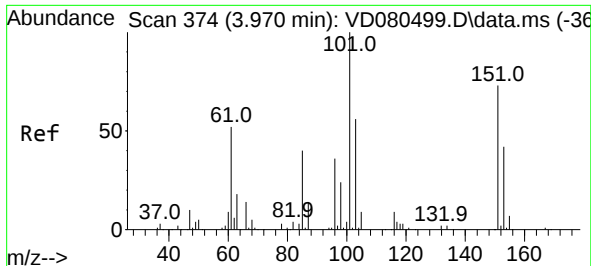
Tgt Ion:101 Resp: 287520
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.6 74.4



#8
 Diethyl Ether
 Concen: 46.169 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080512.D
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Tgt Ion: 74 Resp: 109325
 Ion Ratio Lower Upper
 74 100
 45 93.6 48.2 144.6

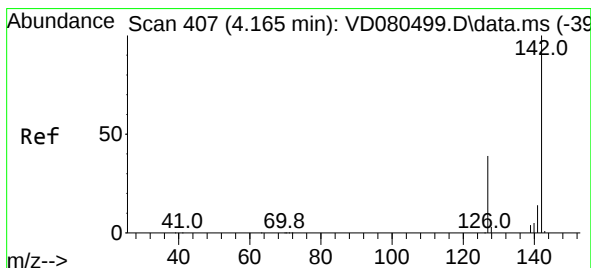
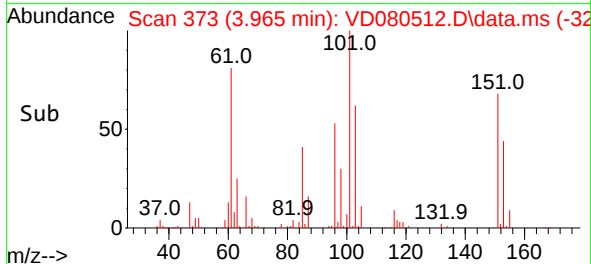
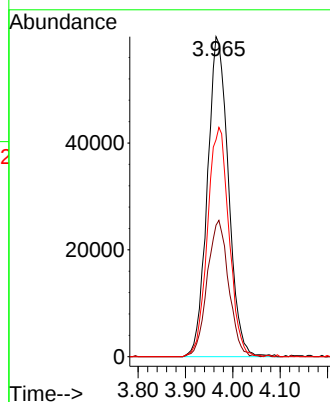
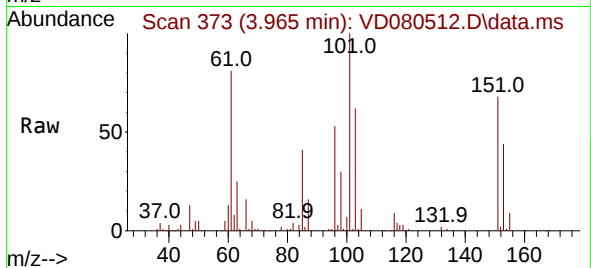




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.728 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

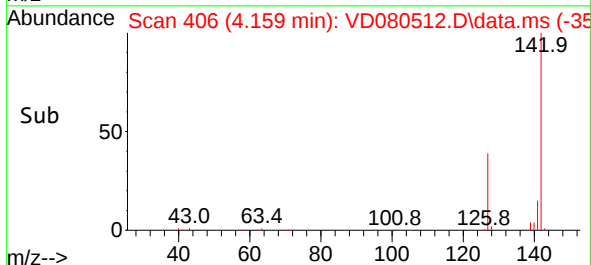
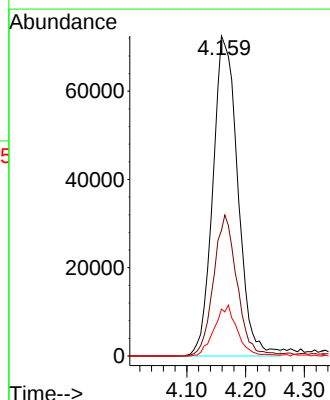
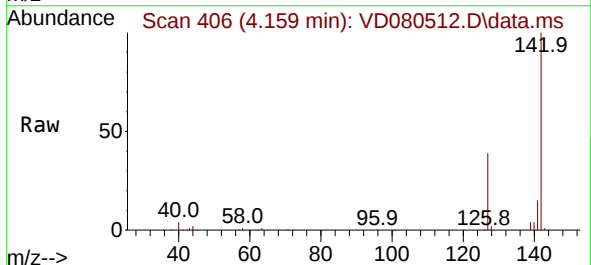
Instrument :
MSVOA_D
ClientSampleId :

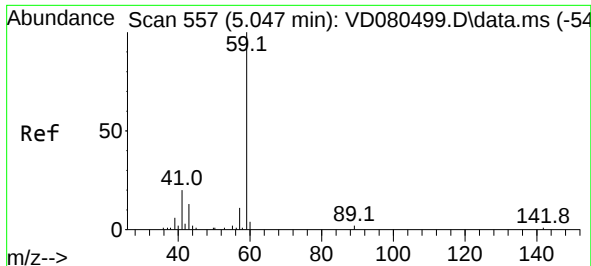
Tgt Ion:101 Resp: 185060
Ion Ratio Lower Upper
101 100
85 43.4 33.8 50.6
151 73.1 58.0 87.0



#10
Methyl Iodide
Concen: 47.726 ug/l
RT: 4.159 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion:142 Resp: 213633
Ion Ratio Lower Upper
142 100
127 41.6 33.1 49.7
141 14.7 11.7 17.5

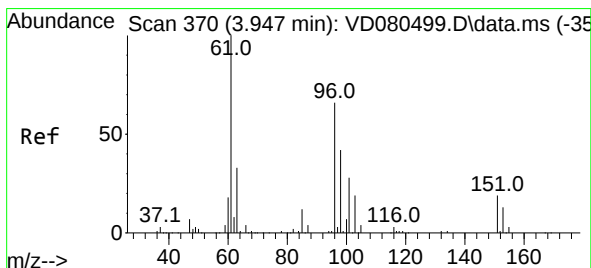
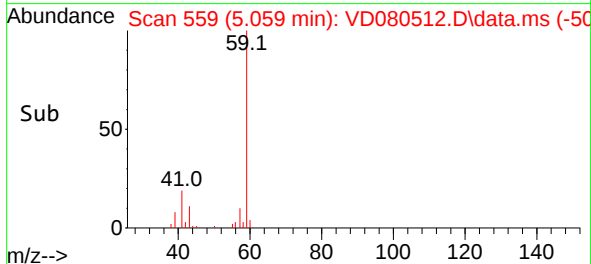
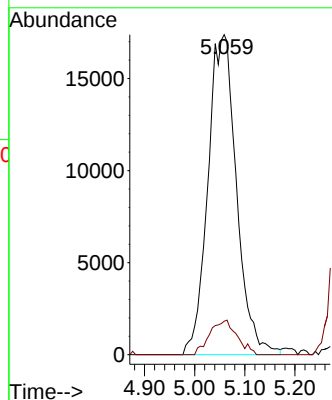
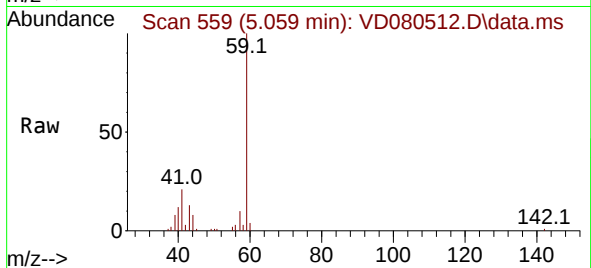




#11
Tert butyl alcohol
Concen: 228.610 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

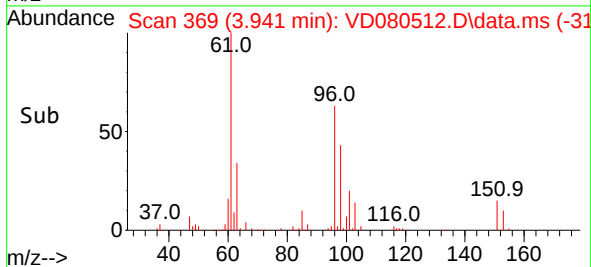
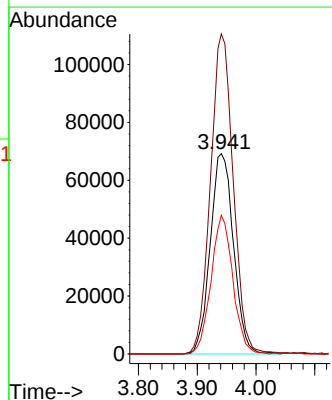
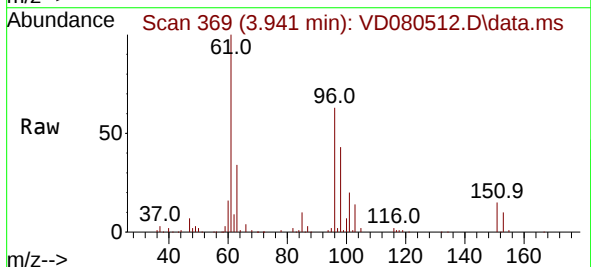
Instrument :
MSVOA_D
ClientSampleId :

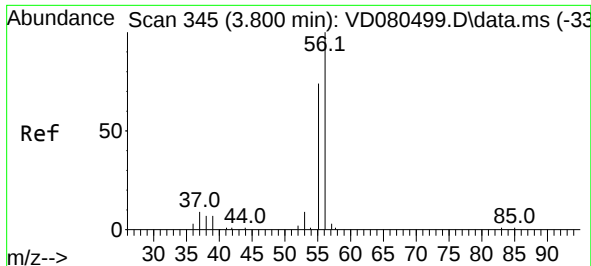
Tgt Ion: 59 Resp: 69042
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 47.177 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 96 Resp: 190569
Ion Ratio Lower Upper
96 100
61 159.7 120.9 181.3
98 69.2 50.7 76.1

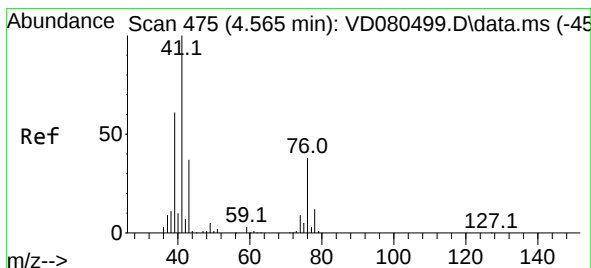
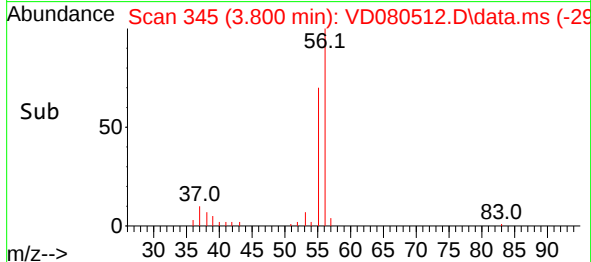
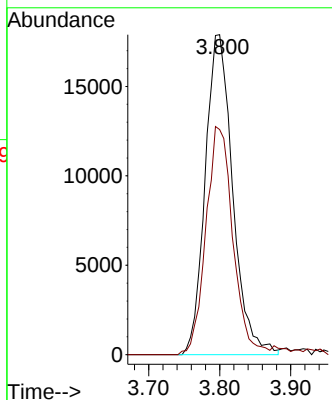
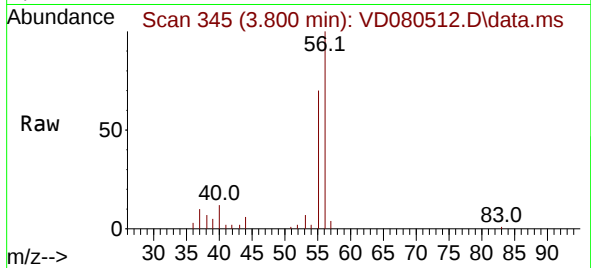




#13
Acrolein
Concen: 150.141 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

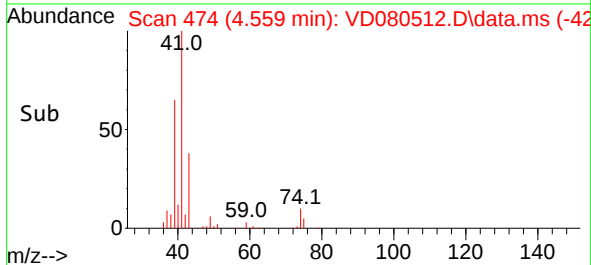
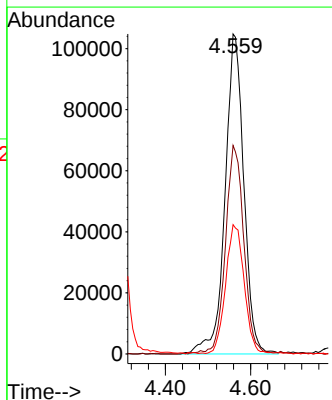
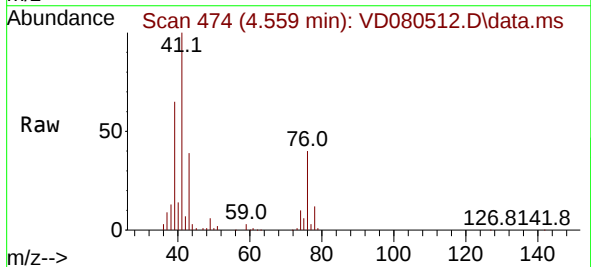
Instrument :
MSVOA_D
ClientSampleId :

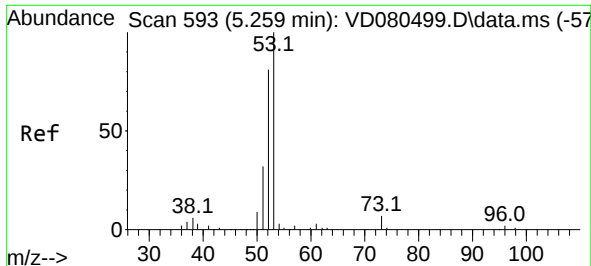
Tgt Ion: 56 Resp: 48192
Ion Ratio Lower Upper
56 100
55 69.6 56.6 85.0



#14
Allyl chloride
Concen: 45.762 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

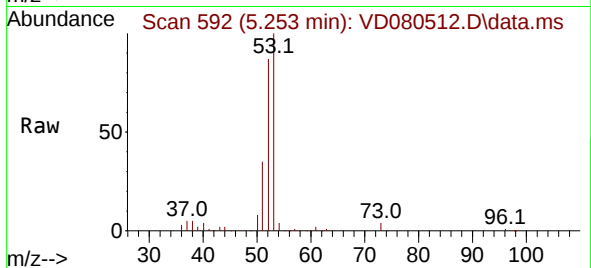
Tgt Ion: 41 Resp: 320791
Ion Ratio Lower Upper
41 100
39 63.9 50.1 75.1
76 39.3 30.7 46.1



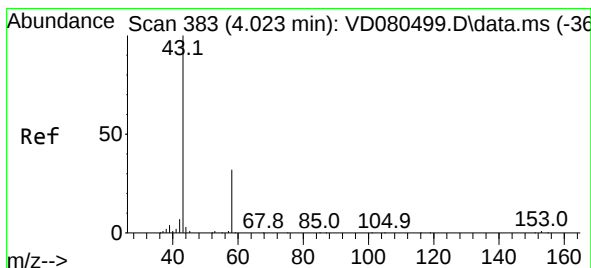
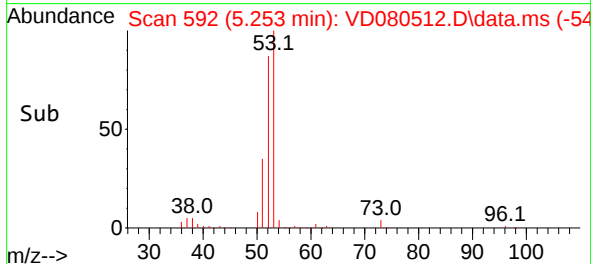
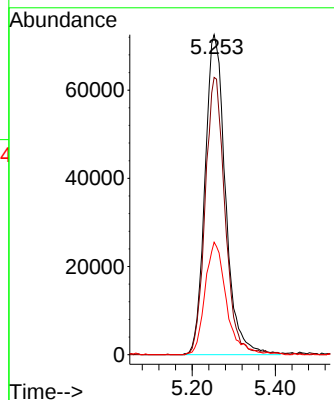


#15
Acrylonitrile
Concen: 235.362 ug/l
RT: 5.253 min Scan# 593
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Instrument :
MSVOA_D
ClientSampleId :

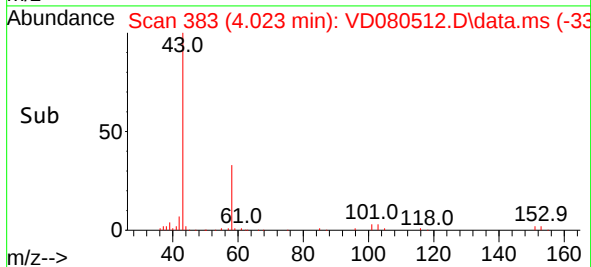
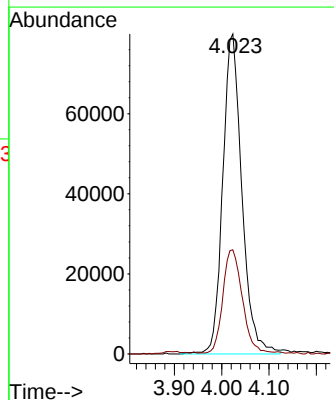
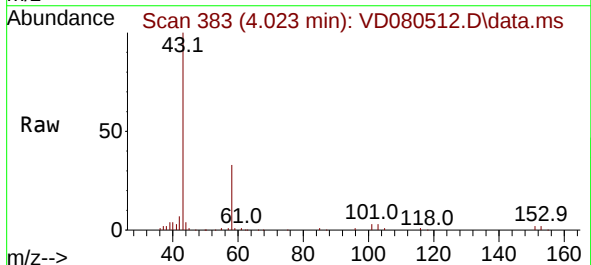


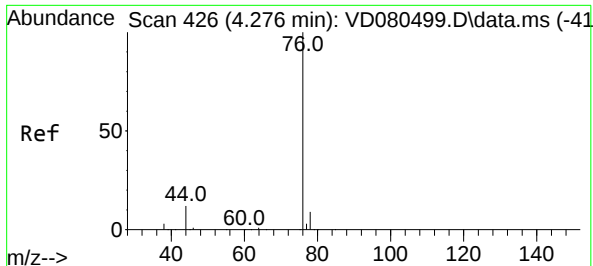
Tgt Ion: 53 Resp: 248197
Ion Ratio Lower Upper
53 100
52 83.6 64.6 97.0
51 36.7 28.0 42.0



#16
Acetone
Concen: 229.558 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 43 Resp: 224281
Ion Ratio Lower Upper
43 100
58 32.1 25.4 38.0

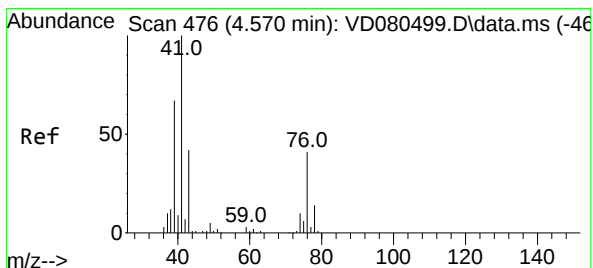
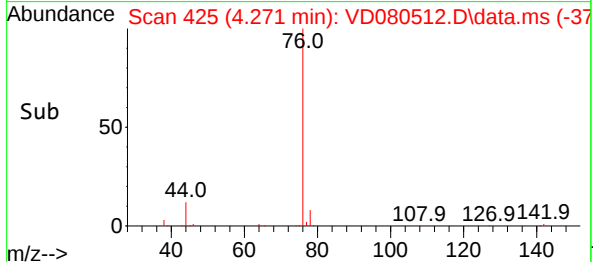
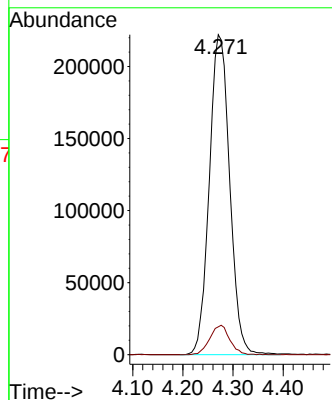
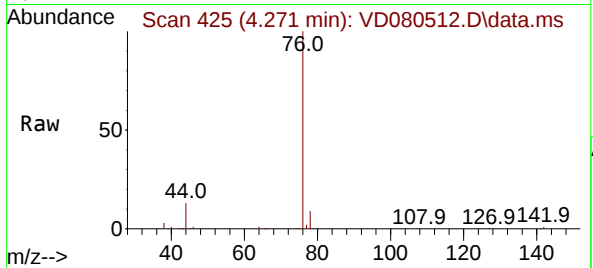




#17
Carbon Disulfide
Concen: 45.949 ug/l
RT: 4.271 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

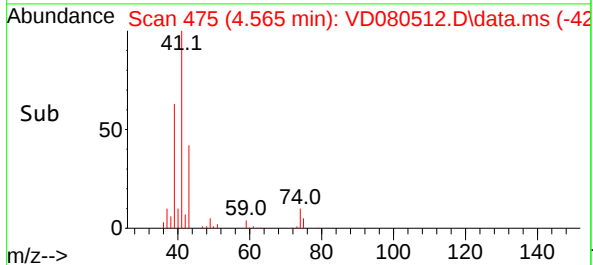
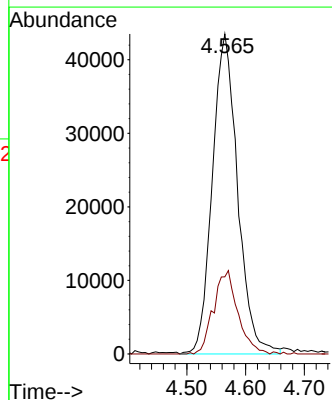
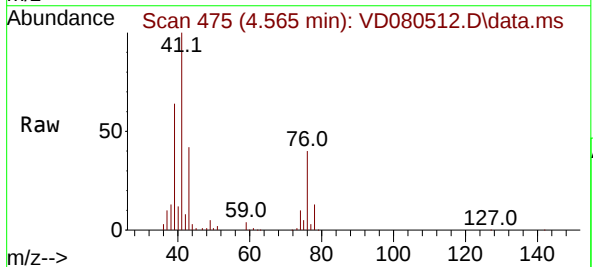
Instrument :
MSVOA_D
ClientSampleId :

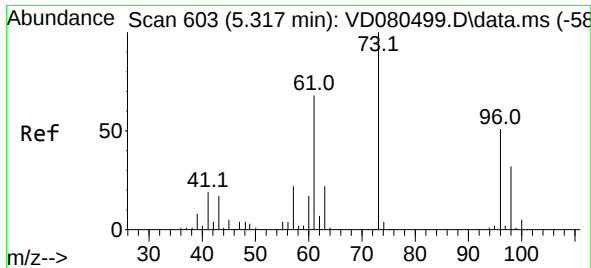
Tgt Ion: 76 Resp: 627636
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 47.237 ug/l
RT: 4.565 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 43 Resp: 129877
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.2

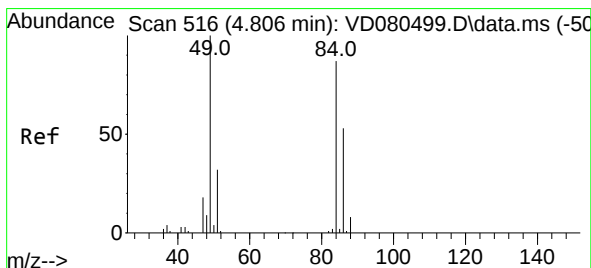
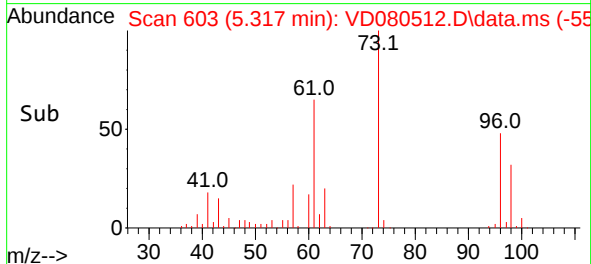
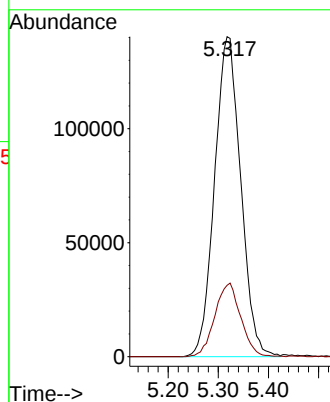
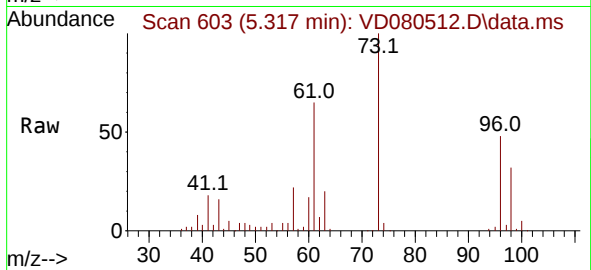




#19
Methyl tert-butyl Ether
Concen: 47.947 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

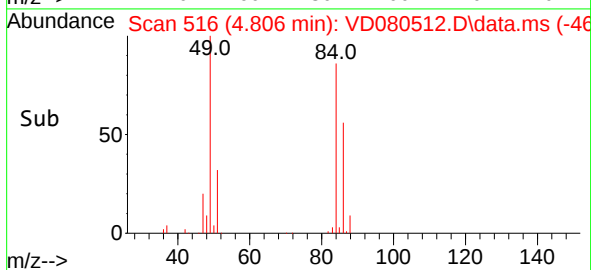
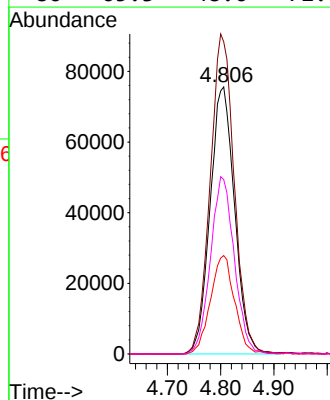
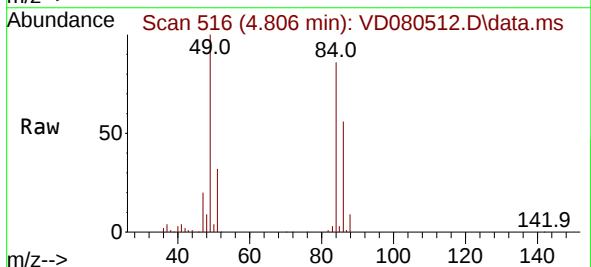
Instrument :
MSVOA_D
ClientSampleId :

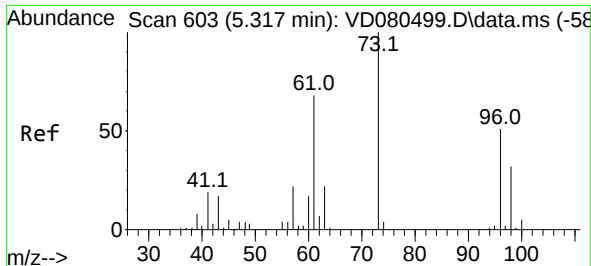
Tgt Ion: 73 Resp: 508250
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 44.982 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 84 Resp: 241419
Ion Ratio Lower Upper
84 100
49 116.9 91.8 137.6
51 36.9 29.0 43.4
86 65.3 48.6 72.8

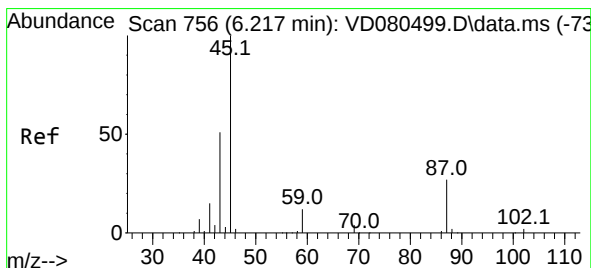
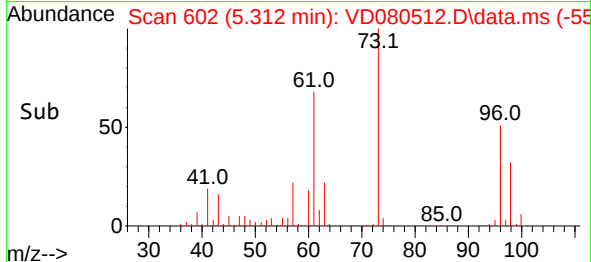
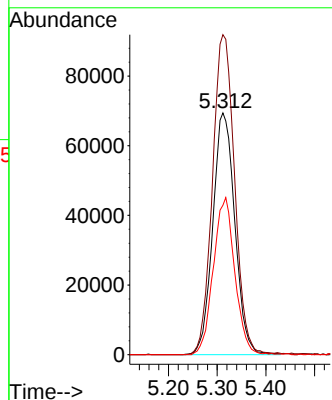
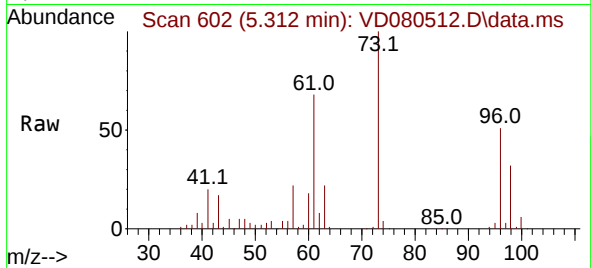




#21
trans-1,2-Dichloroethene
Concen: 47.201 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

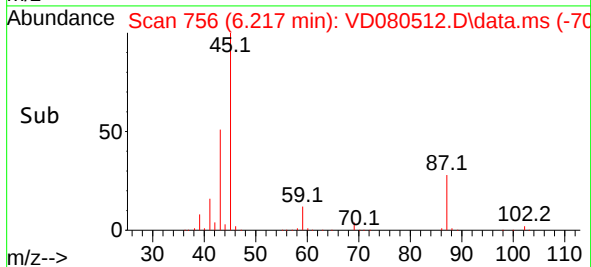
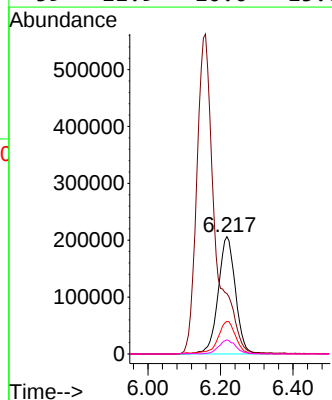
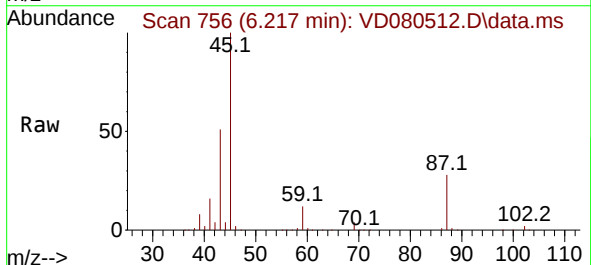
Instrument :
MSVOA_D
ClientSampleId :

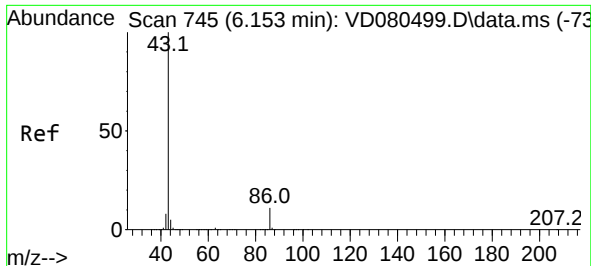
Tgt Ion: 96 Resp: 218273
Ion Ratio Lower Upper
96 100
61 132.4 107.4 161.0
98 61.8 49.9 74.9



#22
Diisopropyl ether
Concen: 47.288 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

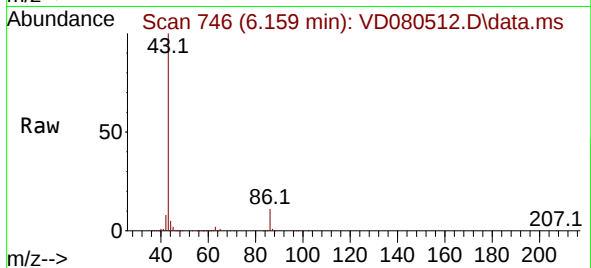
Tgt Ion: 45 Resp: 682271
Ion Ratio Lower Upper
45 100
43 51.3 40.6 60.8
87 27.7 21.6 32.4
59 11.9 10.0 15.0



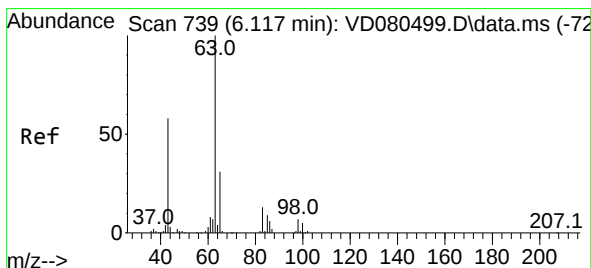
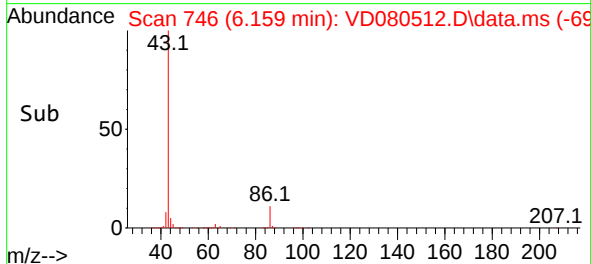
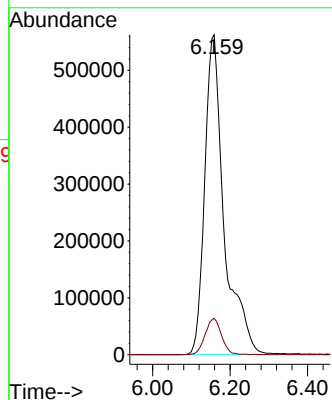


#23
 Vinyl Acetate
 Concen: 238.398 ug/l
 RT: 6.159 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

Instrument :
 MSVOA_D
 ClientSampleId :

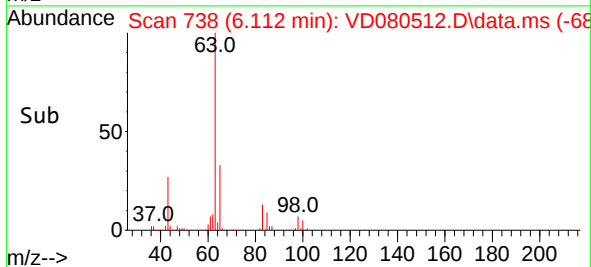
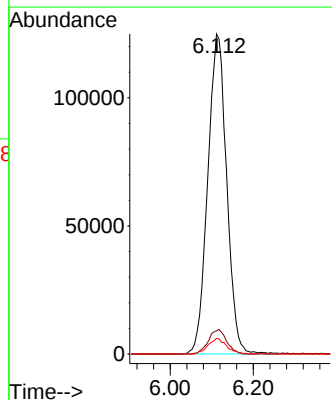
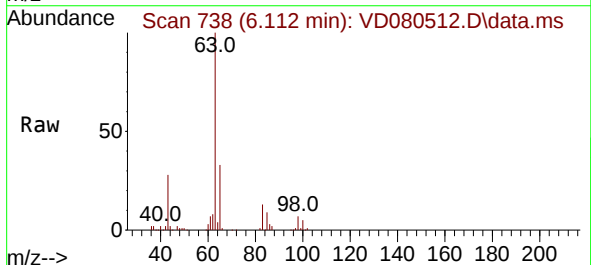


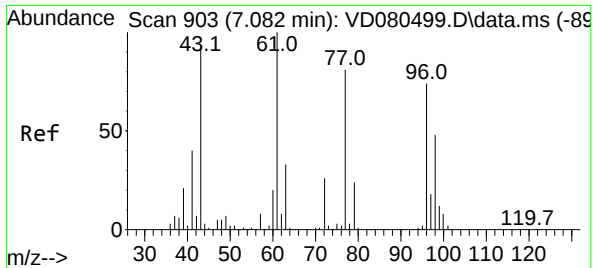
Tgt Ion: 43 Resp: 1957319
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 47.270 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

Tgt Ion: 63 Resp: 394796
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.8 2.4 7.1

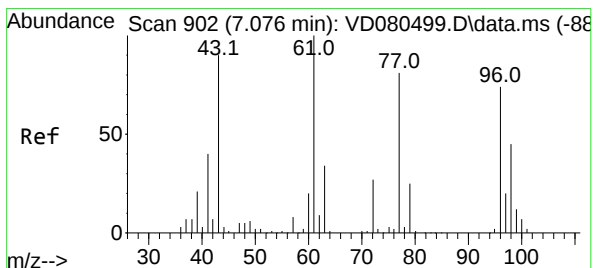
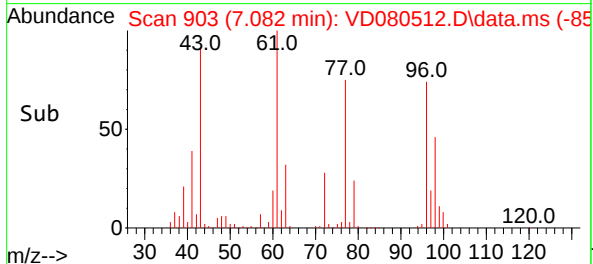
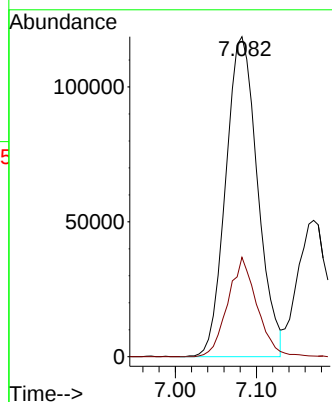
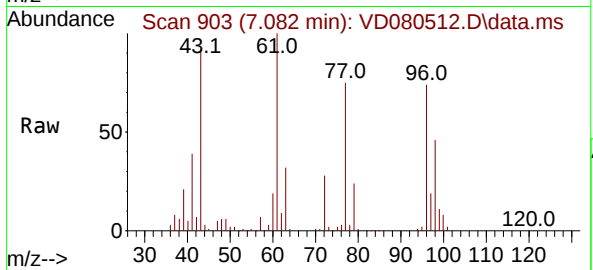




#25
2-Butanone
Concen: 233.900 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

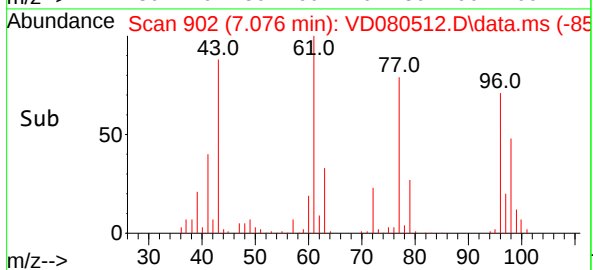
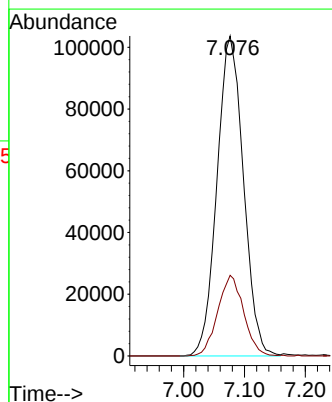
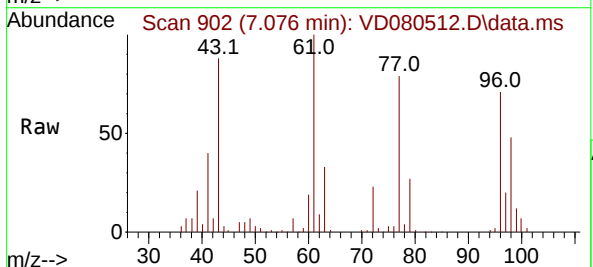
Instrument :
MSVOA_D
ClientSampleId :

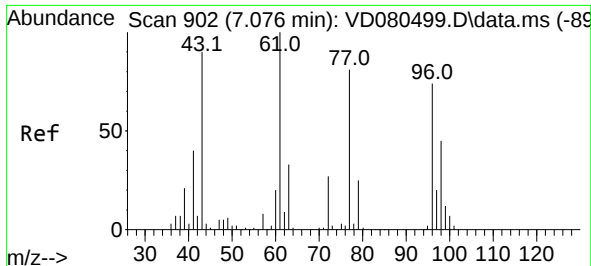
Tgt Ion: 43 Resp: 323583
Ion Ratio Lower Upper
43 100
72 31.1 22.8 34.2



#26
2,2-Dichloropropane
Concen: 47.296 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 77 Resp: 312757
Ion Ratio Lower Upper
77 100
97 24.7 12.4 37.0

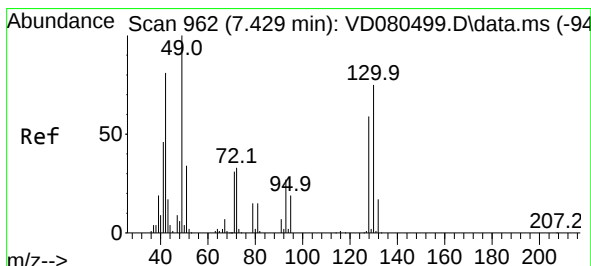
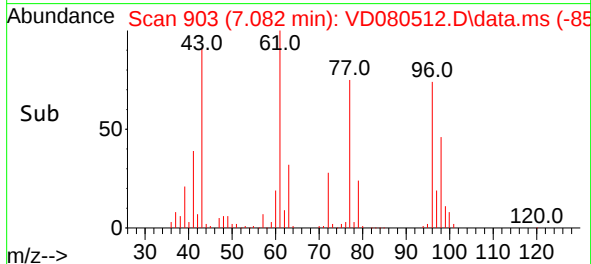
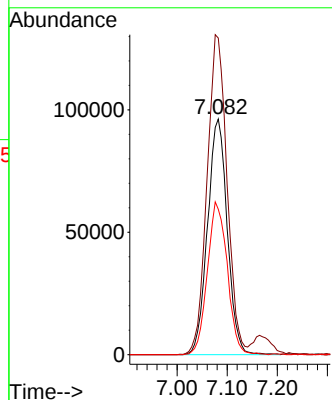
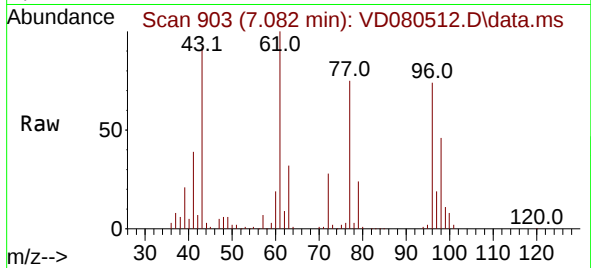




#27
 cis-1,2-Dichloroethene
 Concen: 47.750 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.006 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

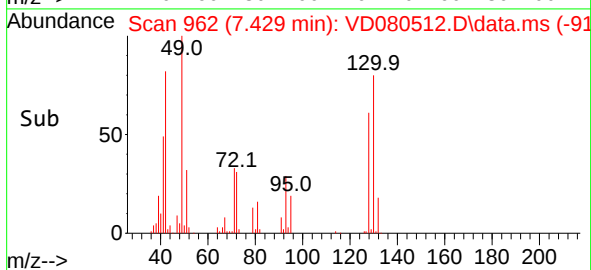
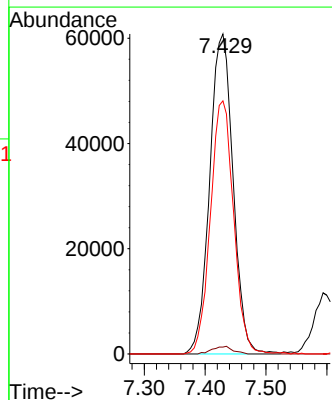
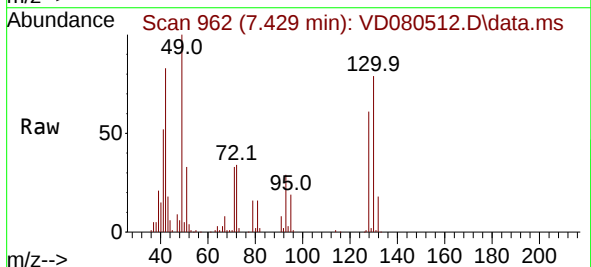
Instrument :
 MSVOA_D
 ClientSampleId :

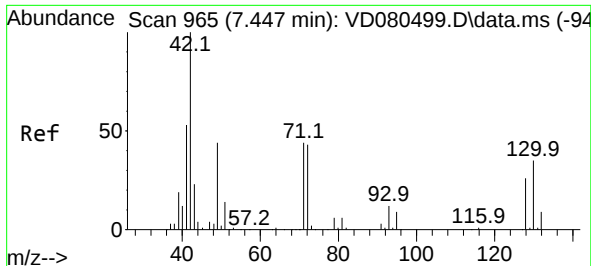
Tgt Ion: 96 Resp: 263527
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 275.2
 98 65.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 47.699 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

Tgt Ion: 49 Resp: 162348
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 78.3 61.1 91.7





#29

Tetrahydrofuran

Concen: 240.128 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

ClientSampleId :

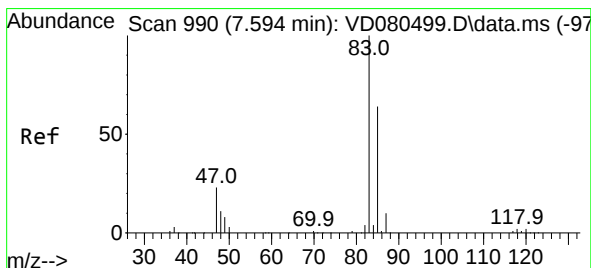
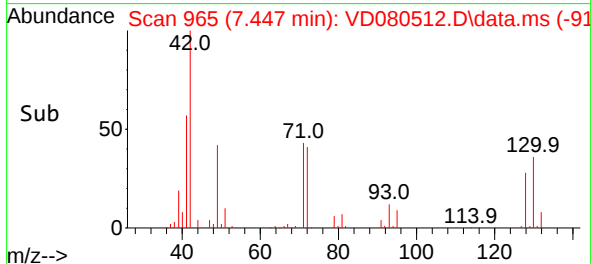
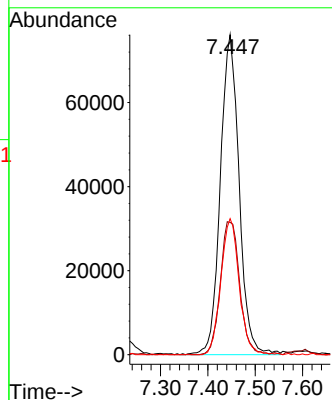
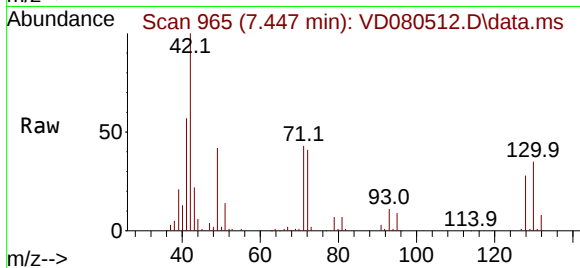
Tgt Ion: 42 Resp: 209922

Ion Ratio Lower Upper

42 100

72 42.7 34.7 52.1

71 41.4 32.9 49.3



#30

Chloroform

Concen: 48.652 ug/l

RT: 7.594 min Scan# 990

Delta R.T. 0.000 min

Lab File: VD080512.D

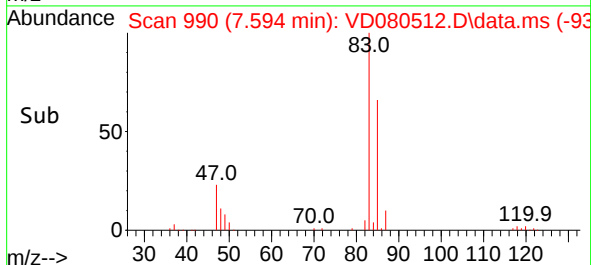
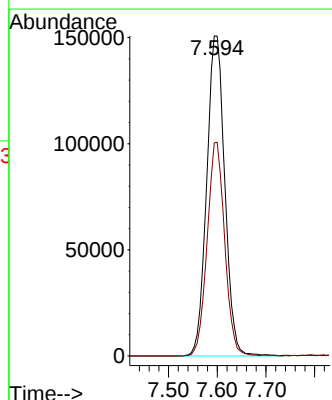
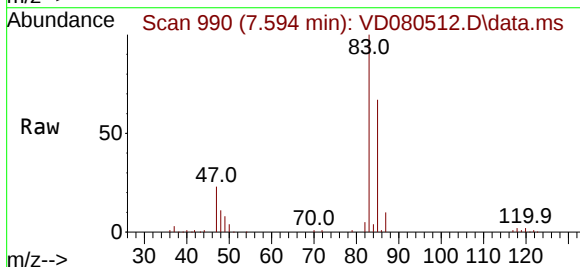
Acq: 04 Sep 2025 13:09

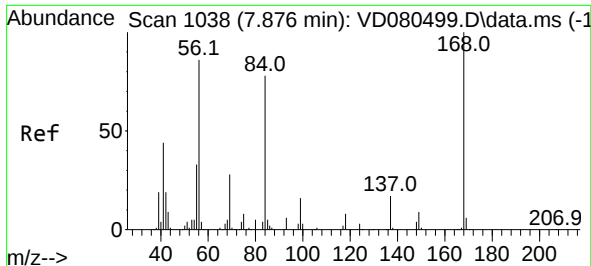
Tgt Ion: 83 Resp: 388526

Ion Ratio Lower Upper

83 100

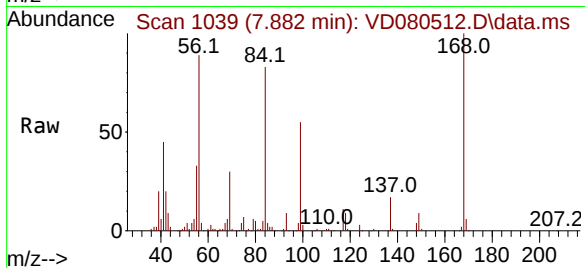
85 66.6 51.2 76.8



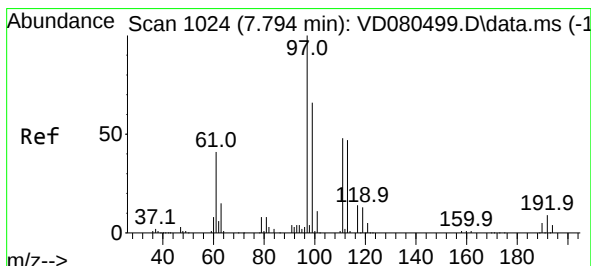
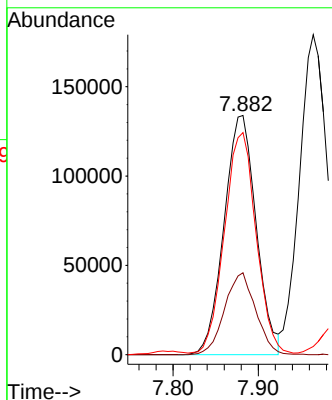
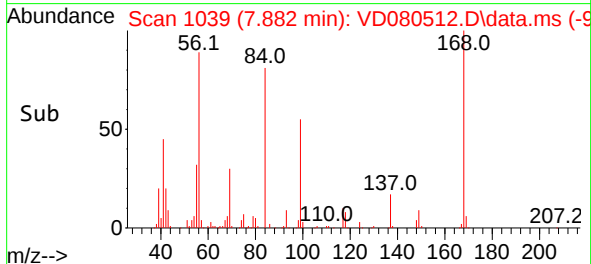


#31
Cyclohexane
Concen: 44.883 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Instrument :
MSVOA_D
ClientSampleId :

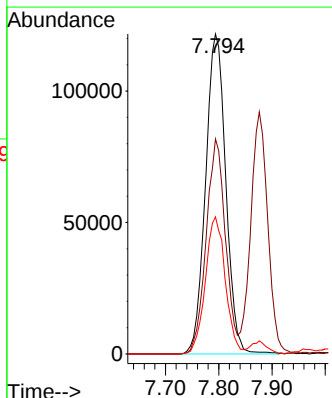
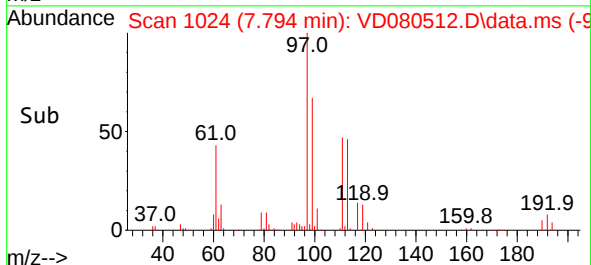
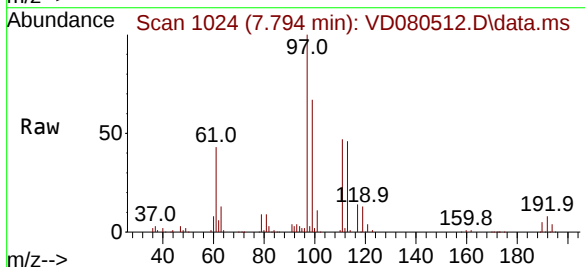


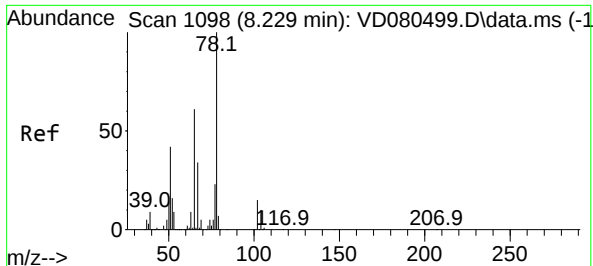
Tgt Ion: 56 Resp: 350870
Ion Ratio Lower Upper
56 100
69 34.3 26.0 39.0
84 91.7 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 48.285 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 97 Resp: 321064
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 42.3 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 43.646 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

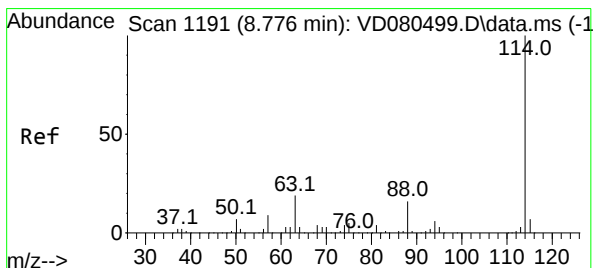
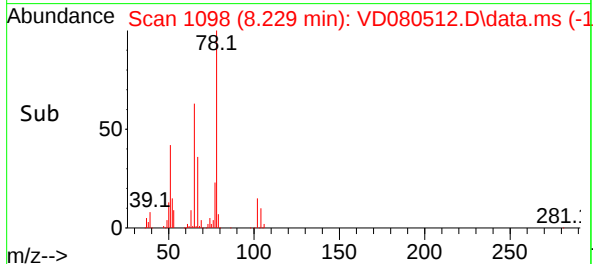
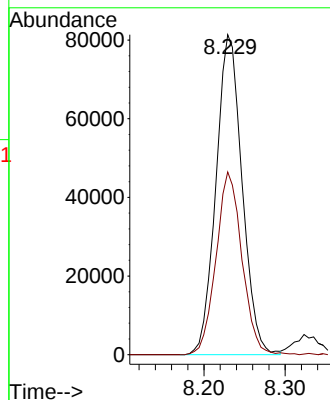
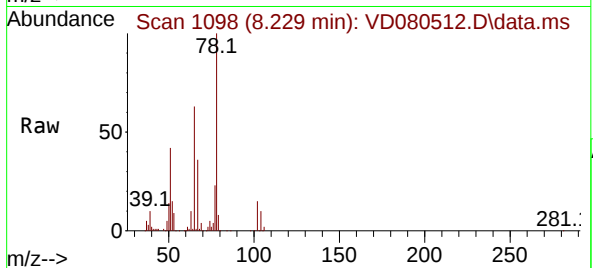
ClientSampleId :

Tgt Ion: 65 Resp: 182147

Ion Ratio Lower Upper

65 100

67 56.6 0.0 113.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

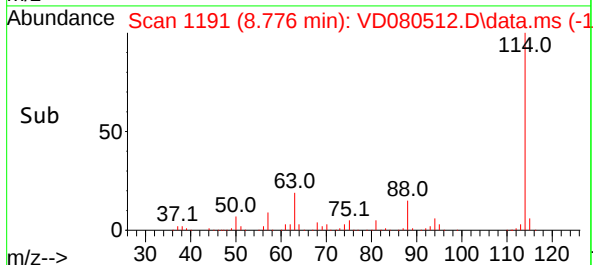
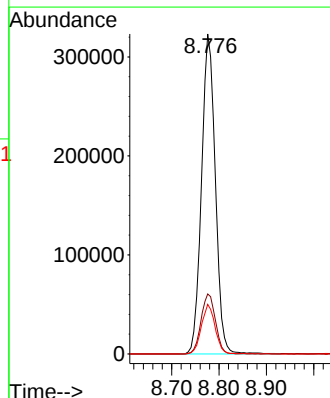
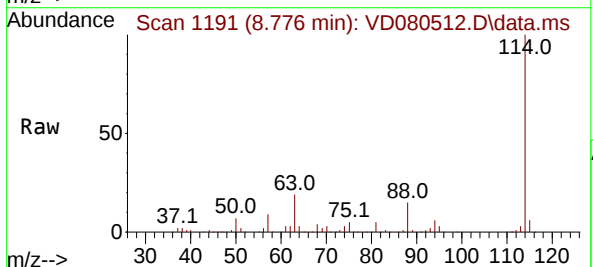
Tgt Ion: 114 Resp: 655152

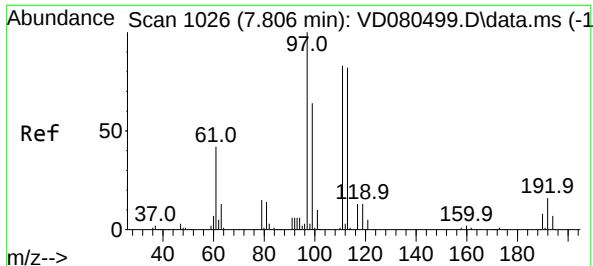
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.707 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

ClientSampleId :

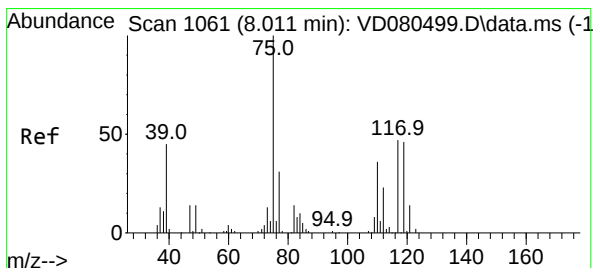
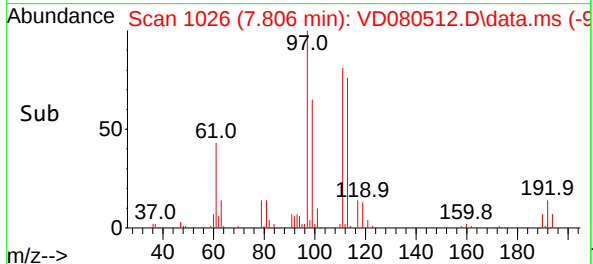
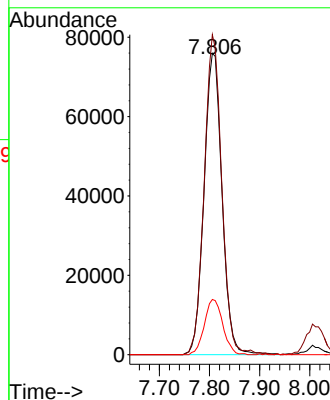
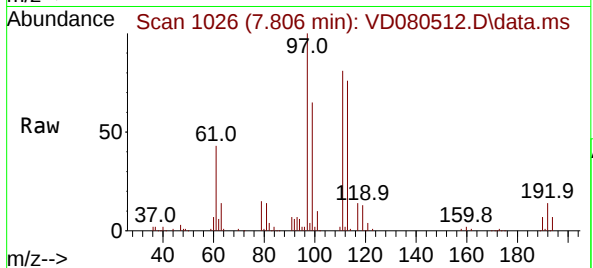
Tgt Ion:113 Resp: 189667

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 18.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 49.432 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

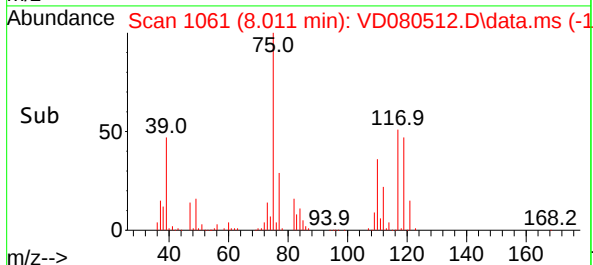
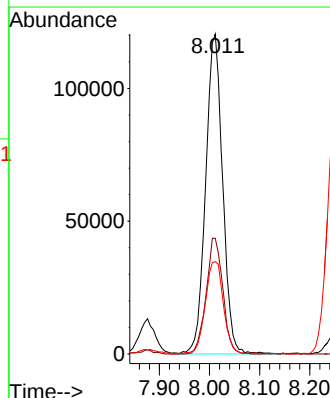
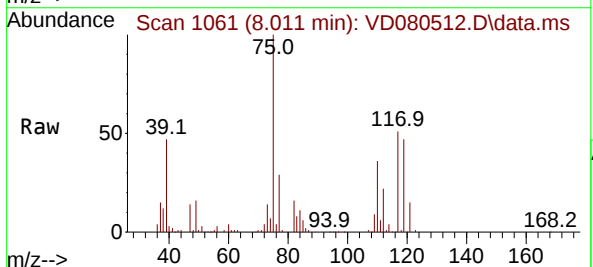
Tgt Ion: 75 Resp: 283796

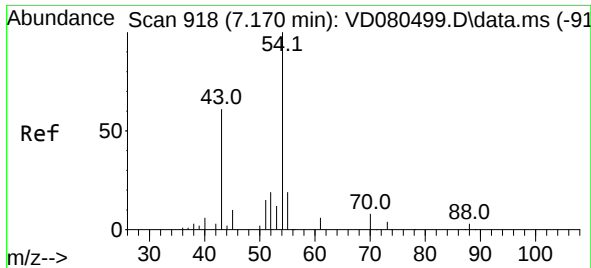
Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.1

77 30.8 25.7 38.5

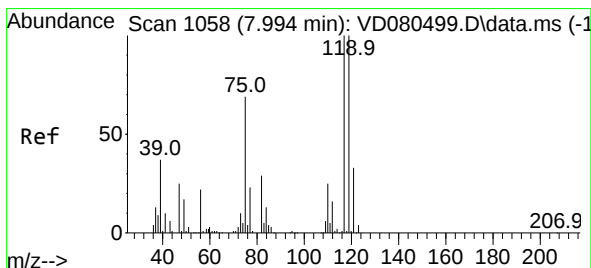
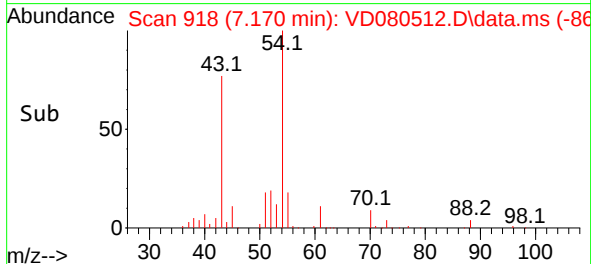
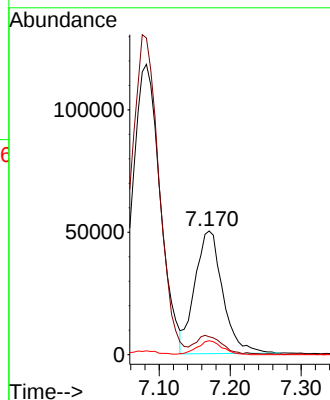
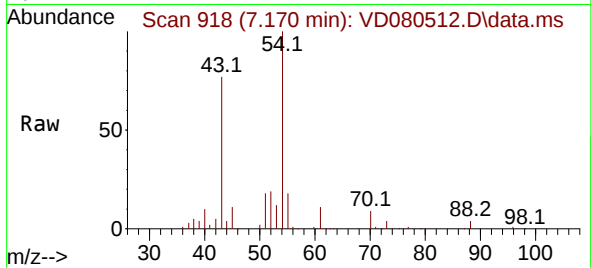




#37
Ethyl Acetate
Concen: 49.675 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

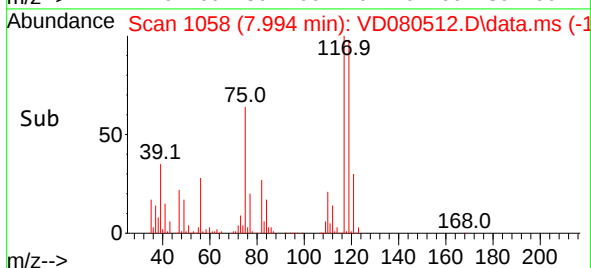
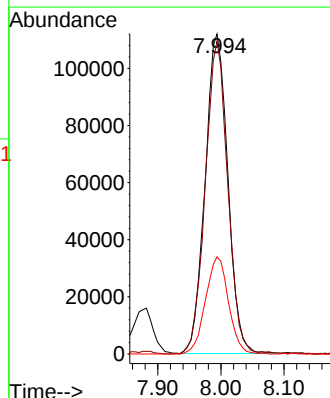
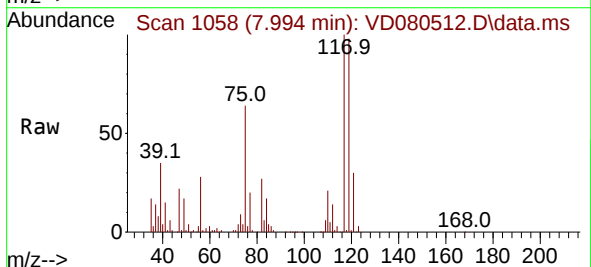
Instrument :
MSVOA_D
ClientSampleId :

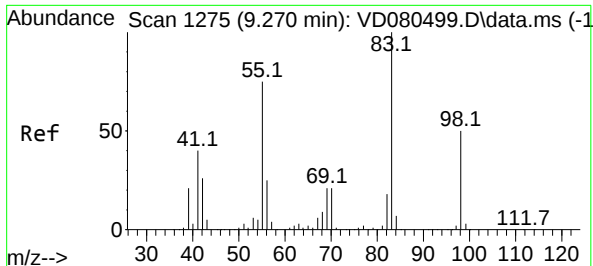
Tgt Ion: 43 Resp: 137140
Ion Ratio Lower Upper
43 100
61 13.6 11.8 17.8
70 10.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 51.212 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 117 Resp: 279831
Ion Ratio Lower Upper
117 100
119 97.9 80.2 120.2
121 30.4 26.8 40.2





#39

Methylcyclohexane

Concen: 49.211 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

ClientSampleId :

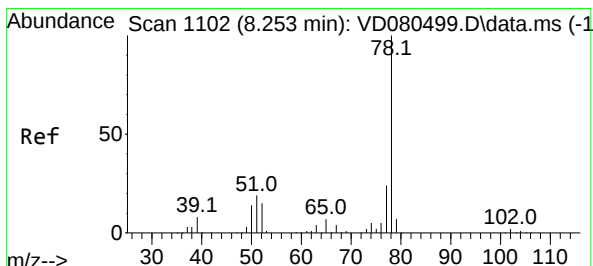
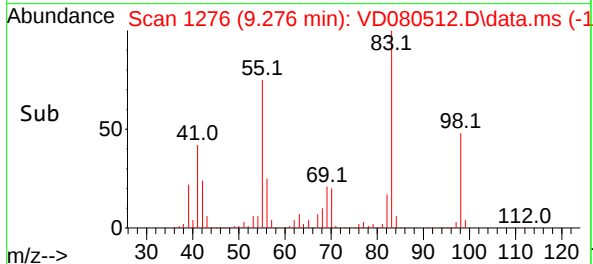
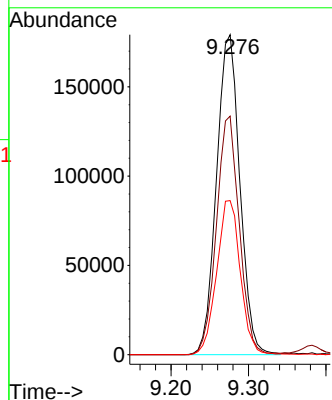
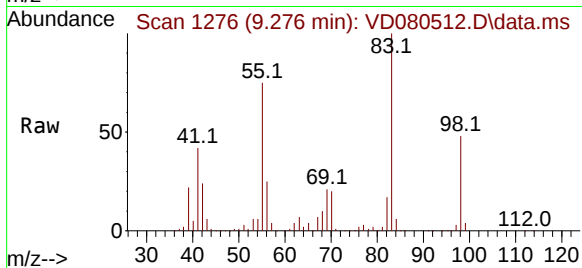
Tgt Ion: 83 Resp: 376056

Ion Ratio Lower Upper

83 100

55 74.5 60.4 90.6

98 48.2 39.8 59.6



#40

Benzene

Concen: 48.995 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080512.D

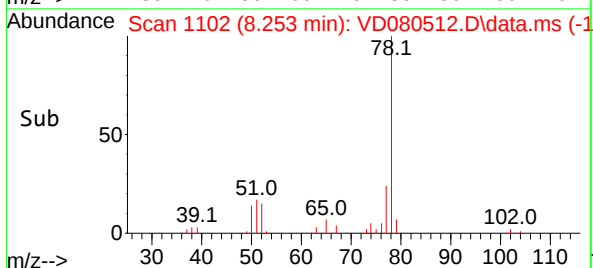
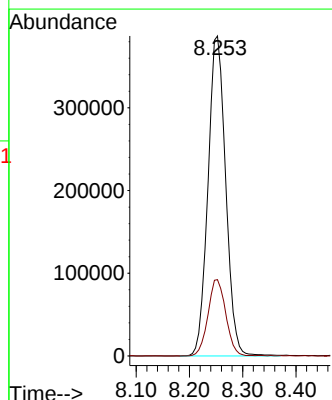
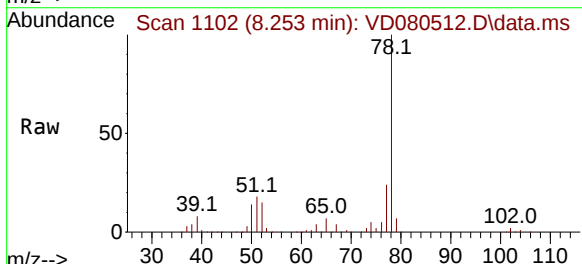
Acq: 04 Sep 2025 13:09

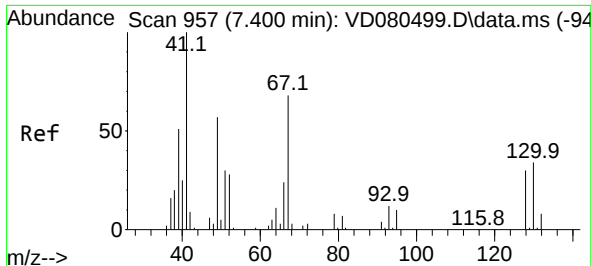
Tgt Ion: 78 Resp: 895222

Ion Ratio Lower Upper

78 100

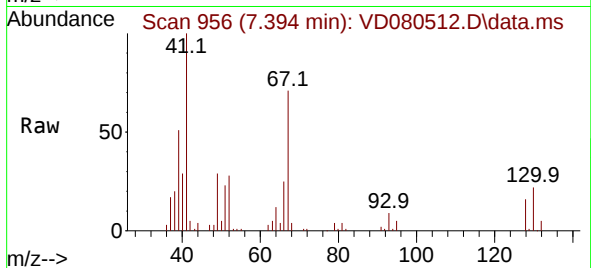
77 23.9 19.0 28.6



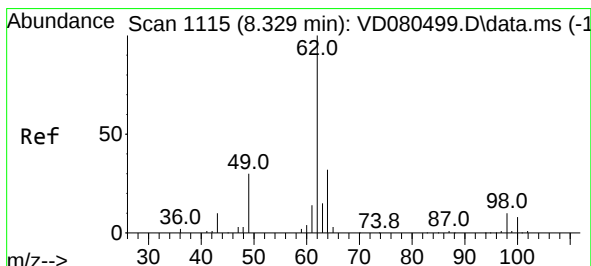
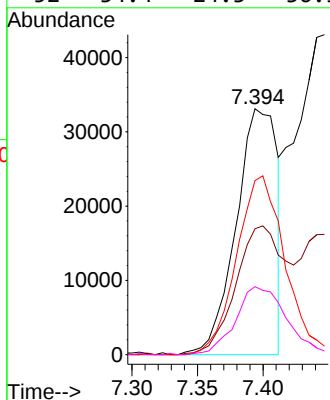
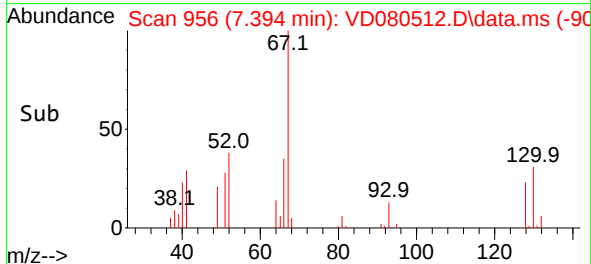


#41
Methacrylonitrile
Concen: 44.111 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

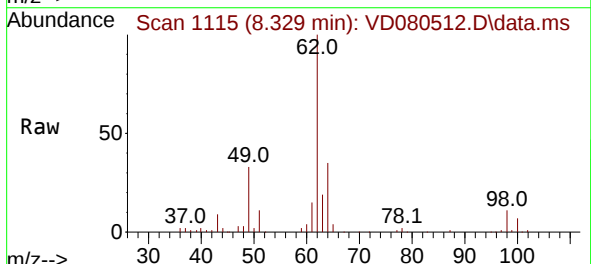
Instrument :
MSVOA_D
ClientSampleId :



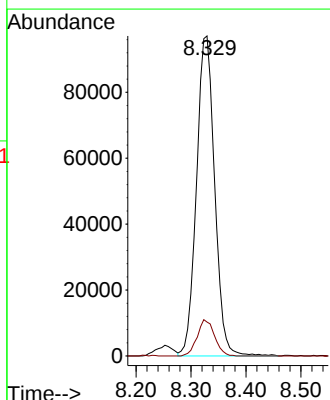
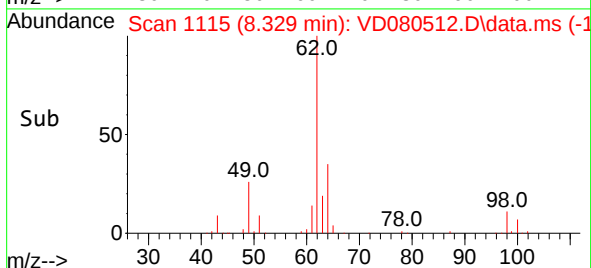
Tgt Ion:	41	Resp:	72302
Ion	Ratio	Lower	Upper
41	100		
39	64.5	50.1	75.1
67	86.3	60.8	91.2
52	34.4	24.3	36.5

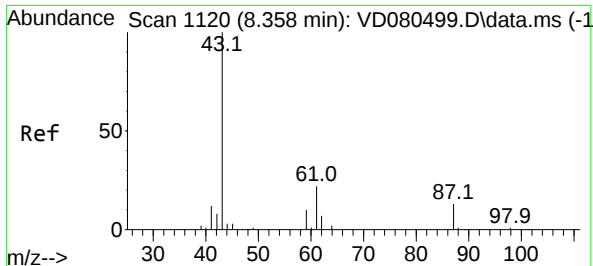


#42
1,2-Dichloroethane
Concen: 50.446 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09



Tgt Ion:	62	Resp:	223259
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

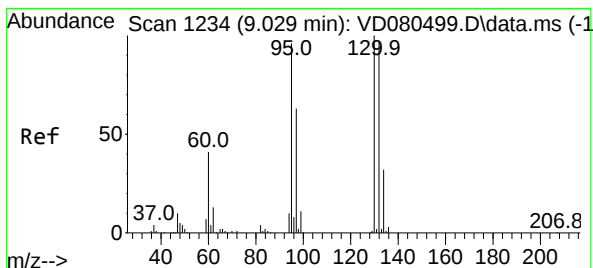
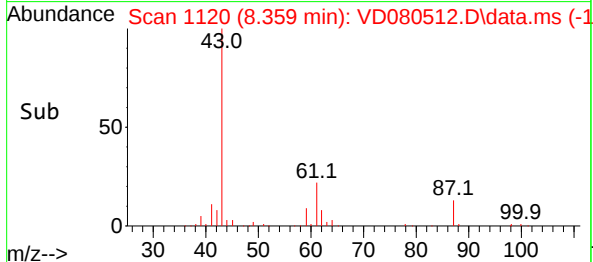
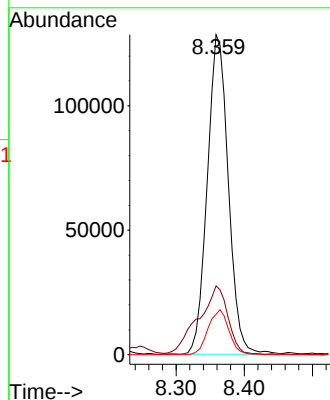
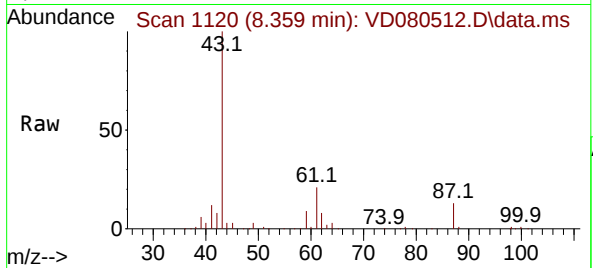




#43
Isopropyl Acetate
Concen: 49.113 ug/l
RT: 8.359 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

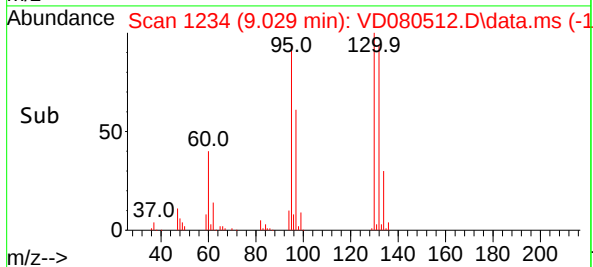
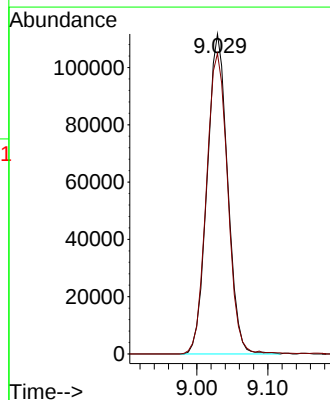
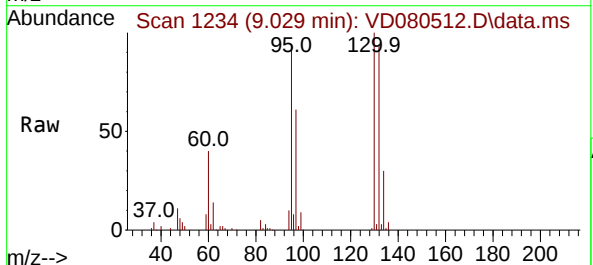
Instrument :
MSVOA_D
ClientSampleId :

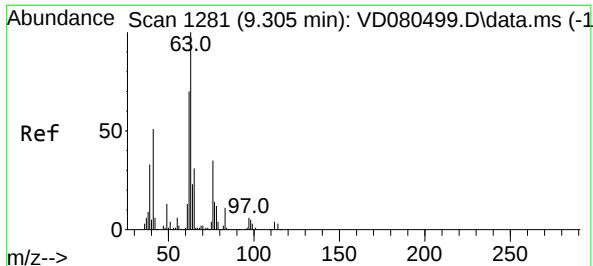
Tgt Ion: 43 Resp: 275872
Ion Ratio Lower Upper
43 100
61 30.3 24.3 36.5
87 13.9 10.9 16.3



#44
Trichloroethene
Concen: 50.469 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion:130 Resp: 223718
Ion Ratio Lower Upper
130 100
95 93.9 0.0 191.8





#45

1,2-Dichloropropane

Concen: 48.128 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

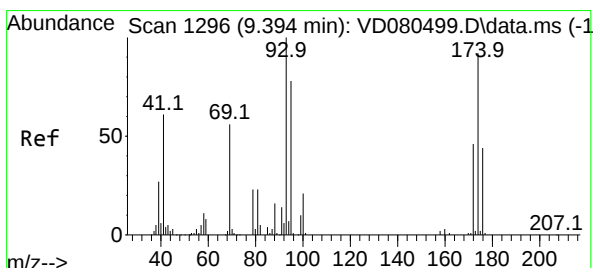
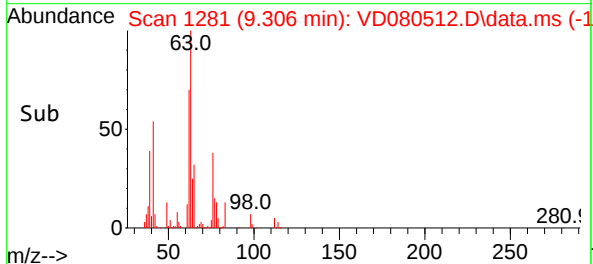
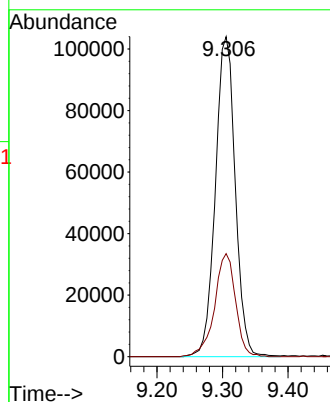
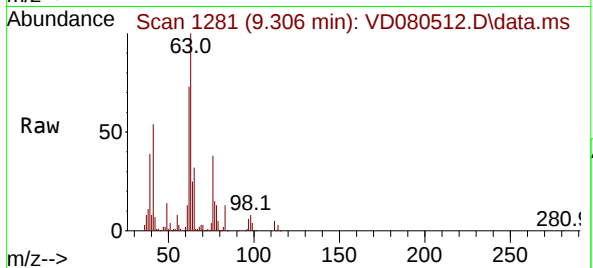
ClientSampleId :

Tgt Ion: 63 Resp: 218085

Ion Ratio Lower Upper

63 100

65 32.2 24.9 37.3



#46

Dibromomethane

Concen: 50.532 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

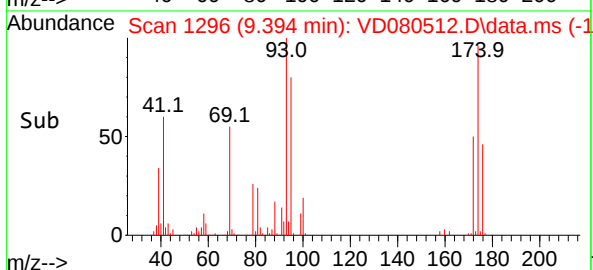
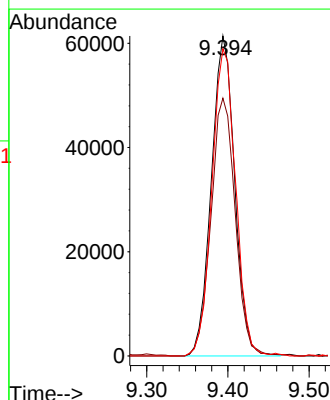
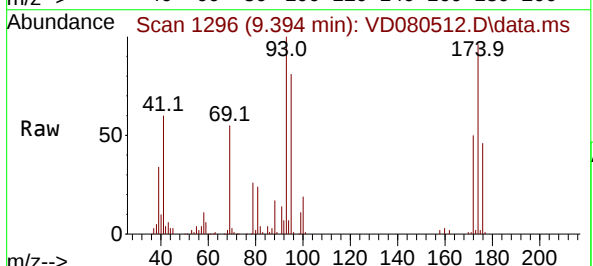
Tgt Ion: 93 Resp: 122676

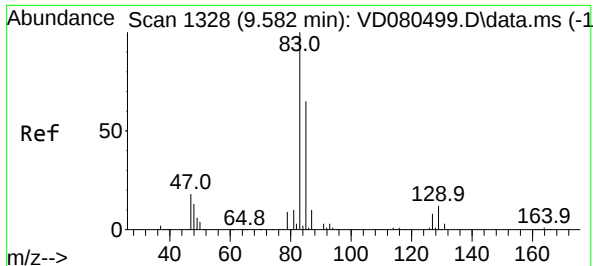
Ion Ratio Lower Upper

93 100

95 83.8 66.3 99.5

174 97.4 74.8 112.2

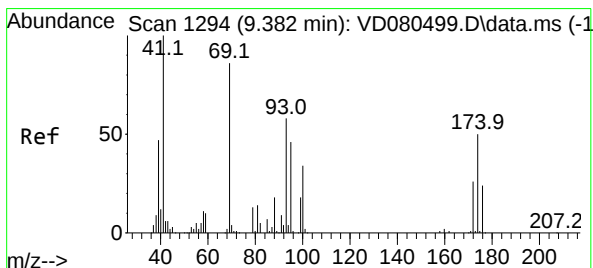
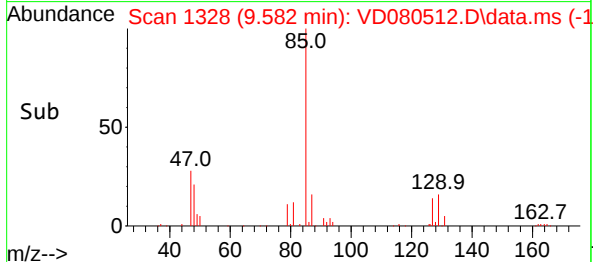
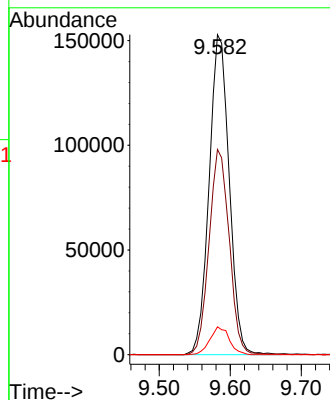
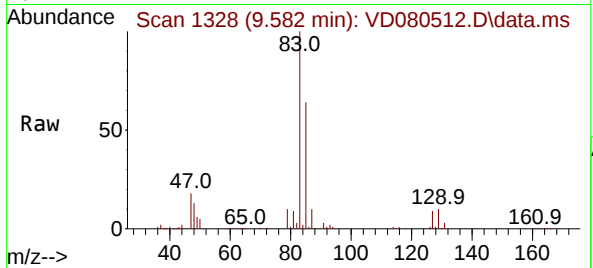




#47
Bromodichloromethane
Concen: 50.740 ug/l
RT: 9.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

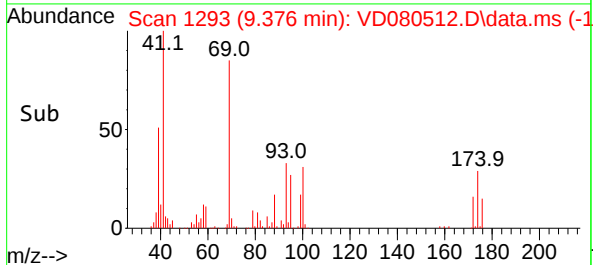
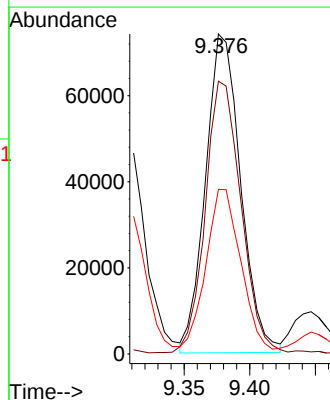
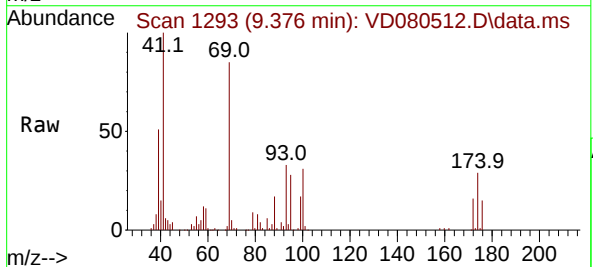
Instrument :
MSVOA_D
ClientSampleId :

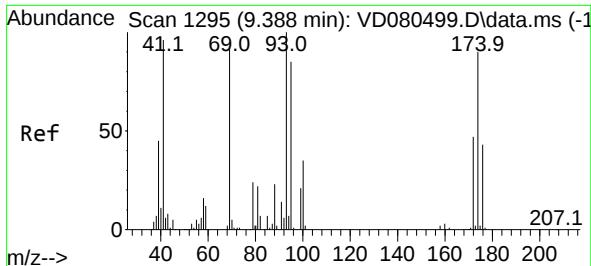
Tgt Ion: 83 Resp: 300296
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.2
127 8.7 6.6 9.8



#48
Methyl methacrylate
Concen: 49.609 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 41 Resp: 138141
Ion Ratio Lower Upper
41 100
69 86.8 68.7 103.1
39 48.8 36.5 54.7





#49

1,4-Dioxane

Concen: 1043.882 ug/l

RT: 9.382 min Scan# 11

Delta R.T. -0.006 min

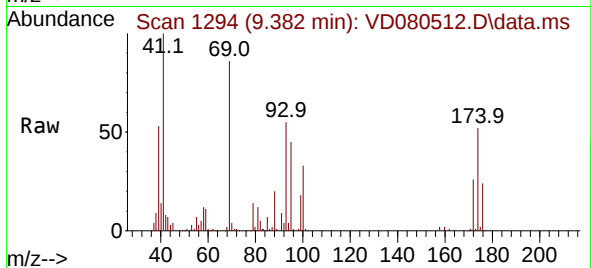
Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

ClientSampleId :



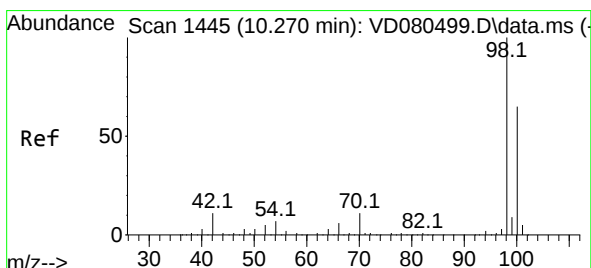
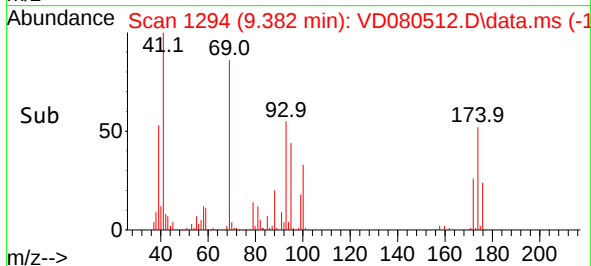
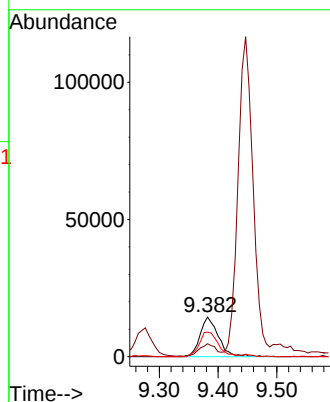
Tgt Ion: 88 Resp: 31330

Ion Ratio Lower Upper

88 100

43 28.1 26.1 39.1

58 64.2 54.2 81.2



#50

Toluene-d8

Concen: 47.867 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080512.D

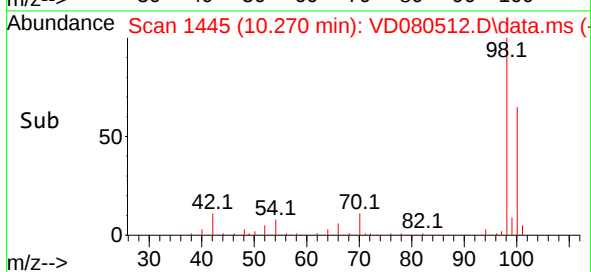
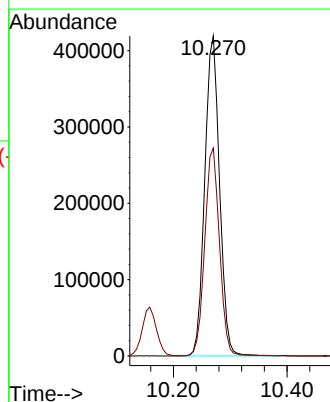
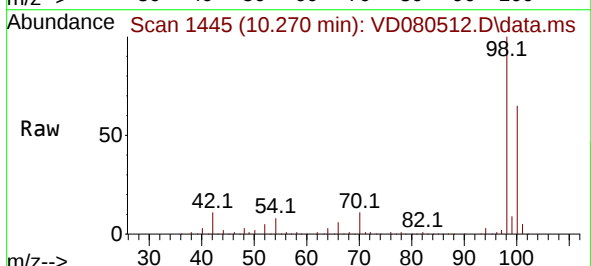
Acq: 04 Sep 2025 13:09

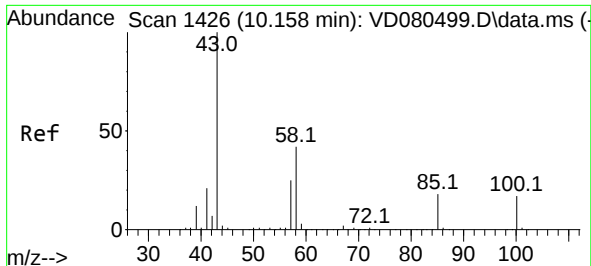
Tgt Ion: 98 Resp: 755462

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

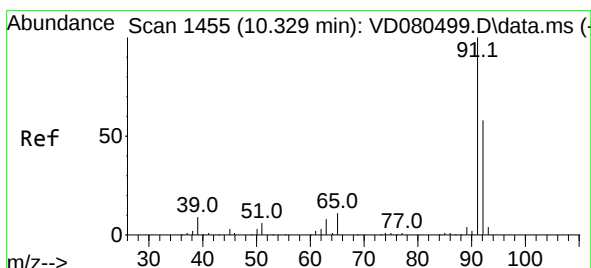
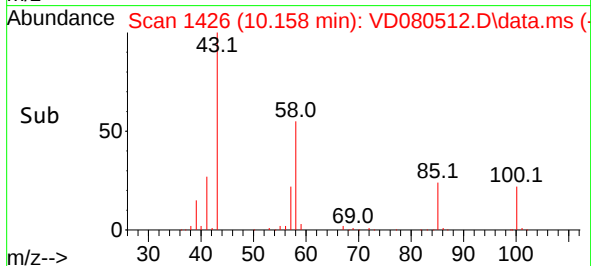
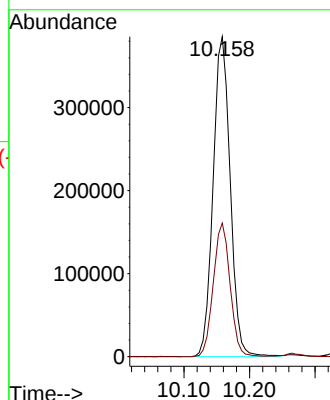
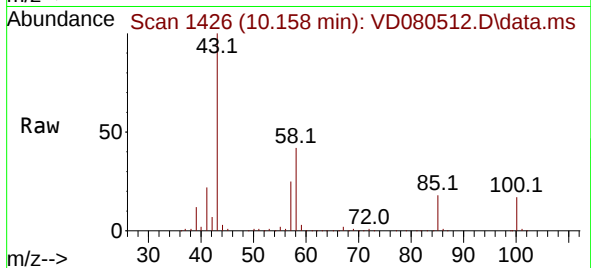




#51
4-Methyl-2-Pentanone
Concen: 248.994 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

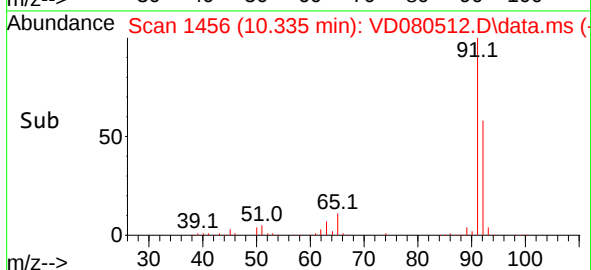
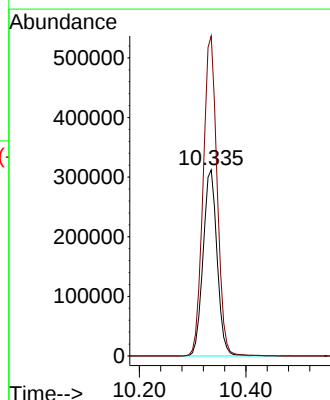
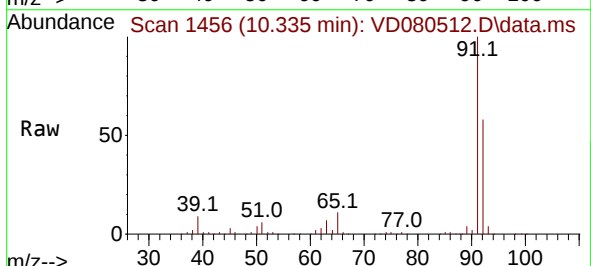
Instrument :
MSVOA_D
ClientSampleId :

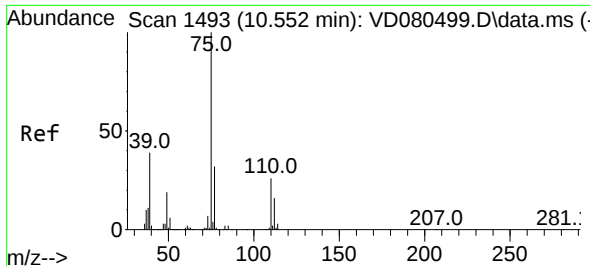
Tgt Ion: 43 Resp: 697519
Ion Ratio Lower Upper
43 100
58 40.9 32.8 49.2



#52
Toluene
Concen: 49.880 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 92 Resp: 568369
Ion Ratio Lower Upper
92 100
91 172.0 138.8 208.2

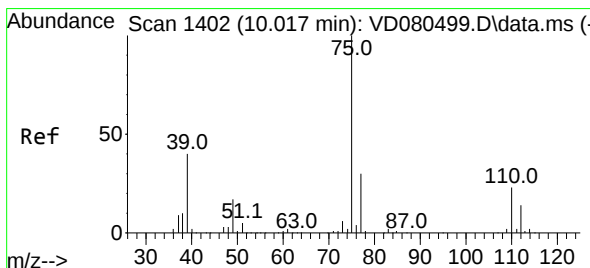
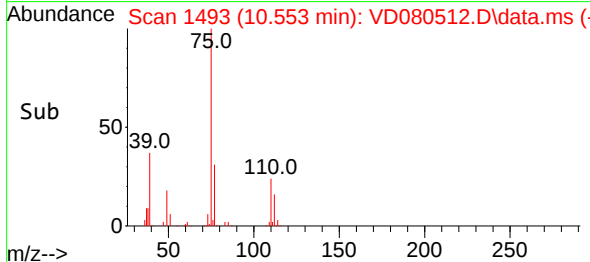
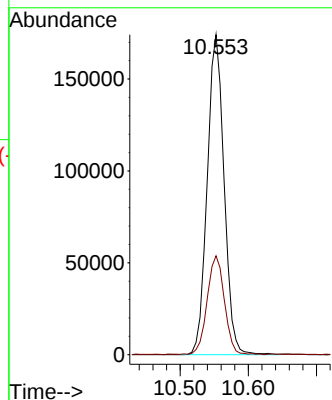
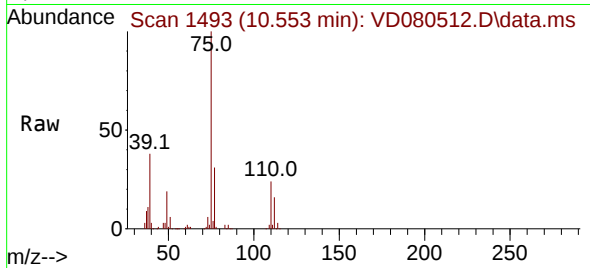




#53
 t-1,3-Dichloropropene
 Concen: 49.719 ug/l
 RT: 10.553 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

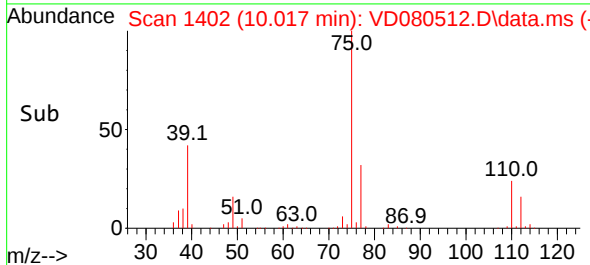
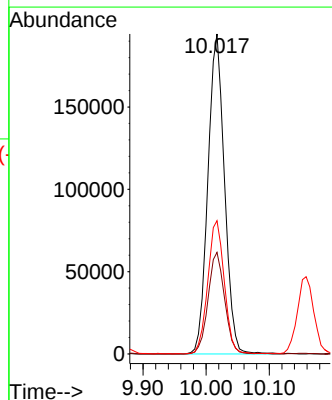
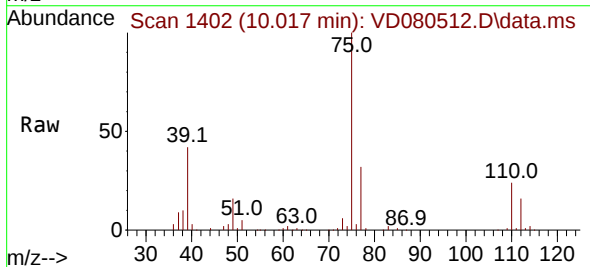
Instrument :
 MSVOA_D
 ClientSampleId :

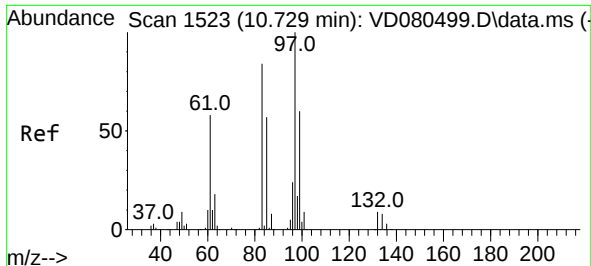
Tgt Ion: 75 Resp: 299887
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.183 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

Tgt Ion: 75 Resp: 354762
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 41.6 31.8 47.6

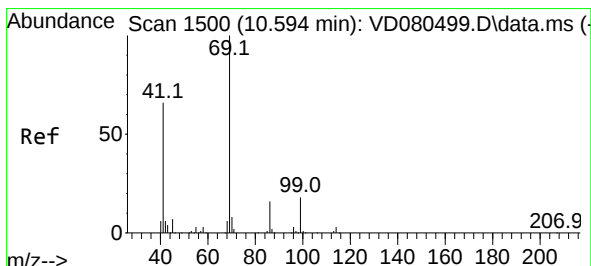
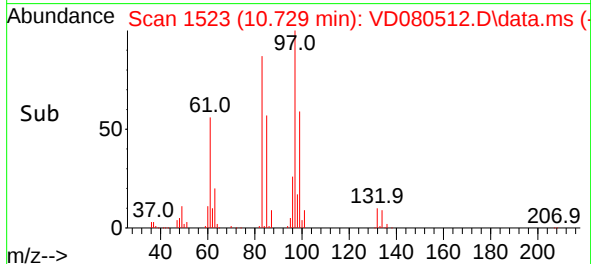
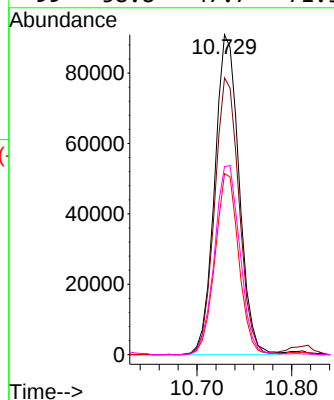
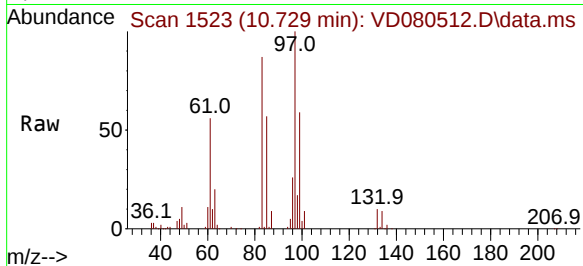




#55
1,1,2-Trichloroethane
Concen: 50.125 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

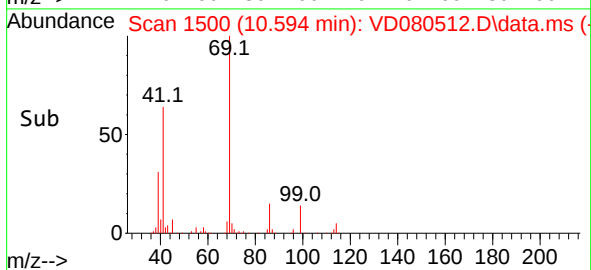
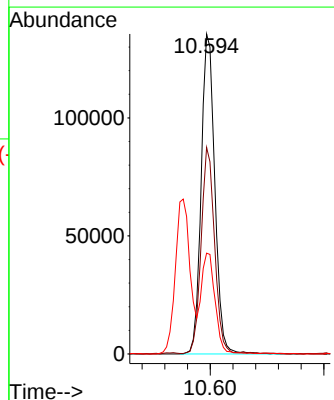
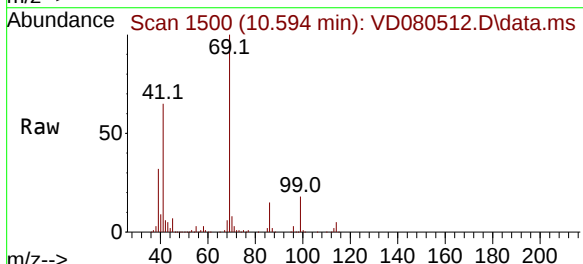
Instrument :
MSVOA_D
ClientSampleId :

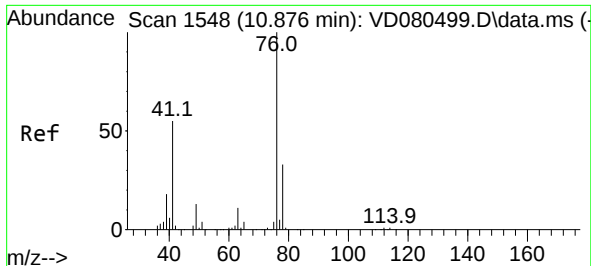
Tgt Ion:	97	Resp:	163153
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.0	100.6
85	56.6	45.6	68.4
99	58.8	47.7	71.5



#56
Ethyl methacrylate
Concen: 49.795 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion:	69	Resp:	225818
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.9	77.9
39	31.6	23.6	35.4





#57

1,3-Dichloropropane

Concen: 50.274 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

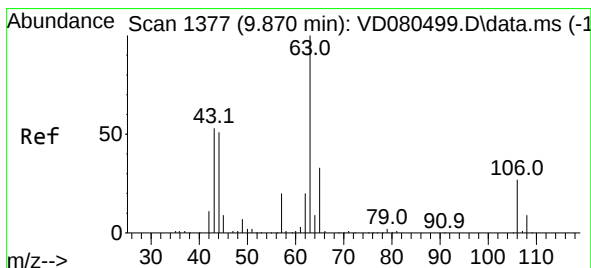
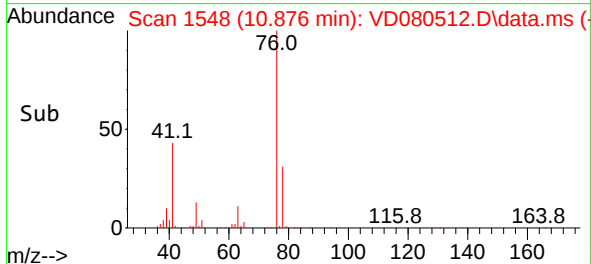
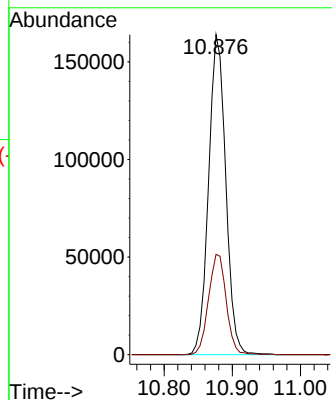
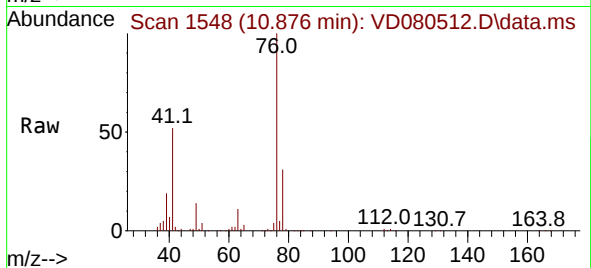
ClientSampleId :

Tgt Ion: 76 Resp: 287192

Ion Ratio Lower Upper

76 100

78 32.4 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 256.179 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080512.D

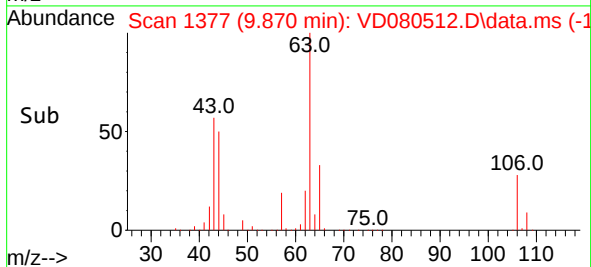
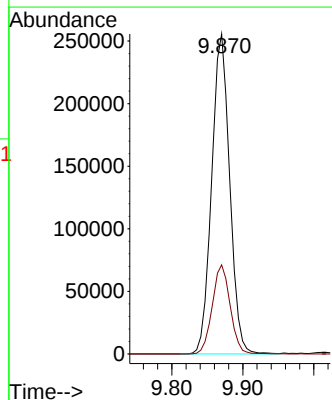
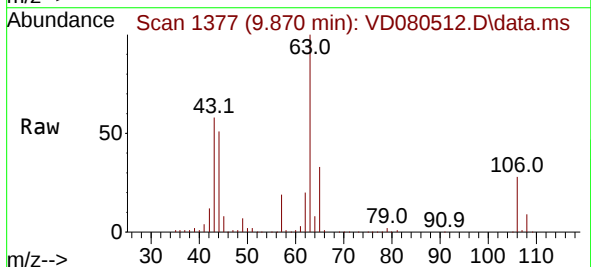
Acq: 04 Sep 2025 13:09

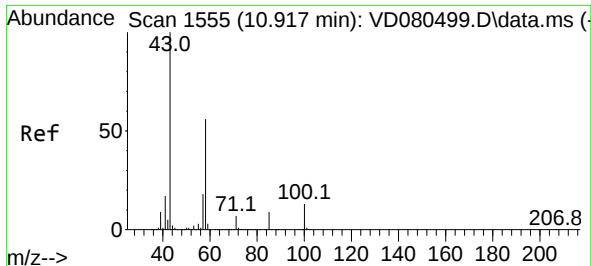
Tgt Ion: 63 Resp: 449580

Ion Ratio Lower Upper

63 100

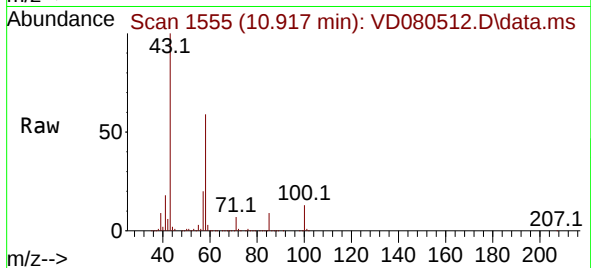
106 27.7 22.1 33.1



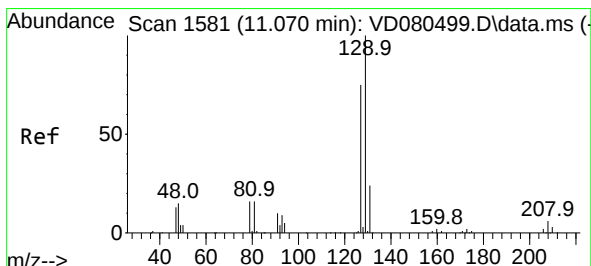
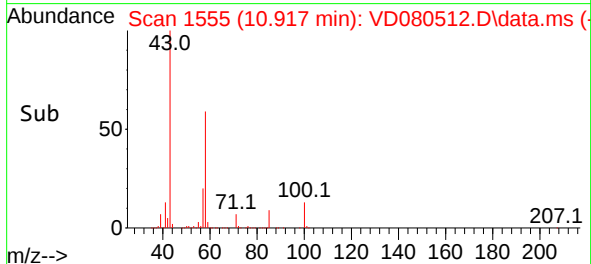
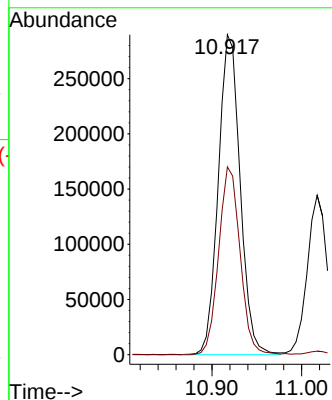


#59
2-Hexanone
Concen: 246.282 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Instrument :
MSVOA_D
ClientSampleId :

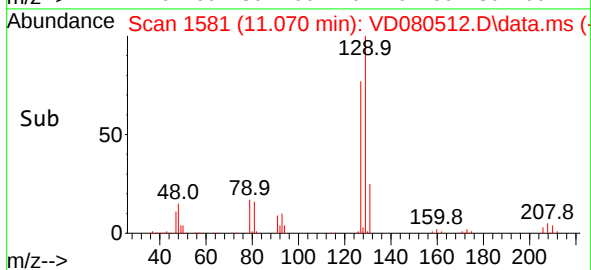
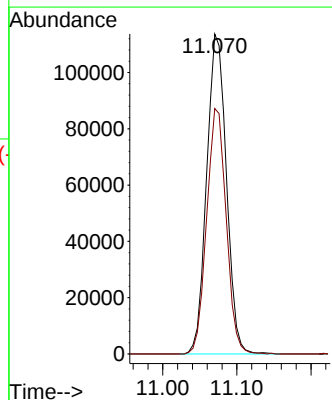
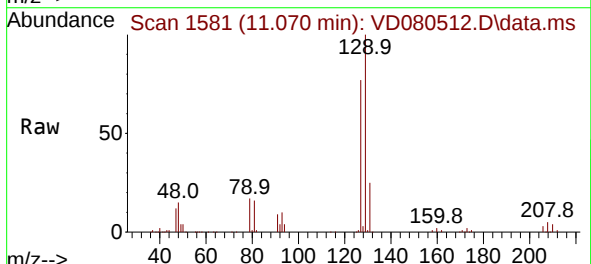


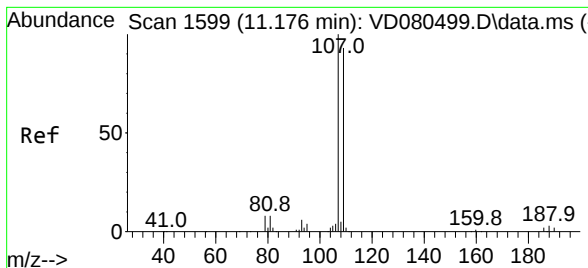
Tgt Ion: 43 Resp: 490206
Ion Ratio Lower Upper
43 100
58 57.6 28.3 85.0



#60
Dibromochloromethane
Concen: 51.271 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 129 Resp: 210317
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.7

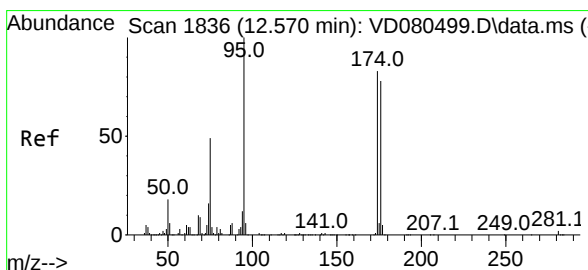
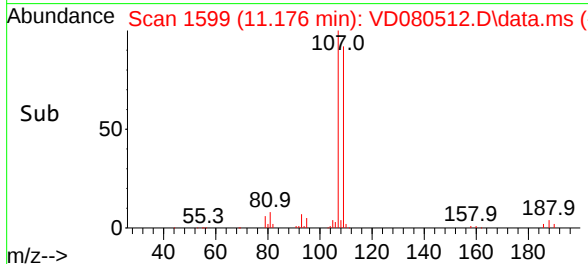
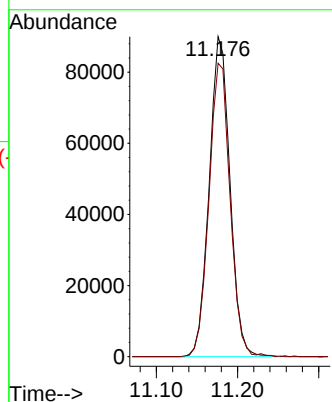
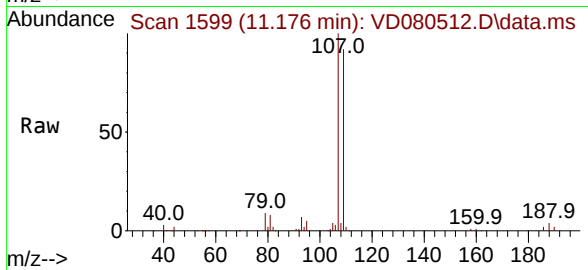




#61
1,2-Dibromoethane
Concen: 51.550 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

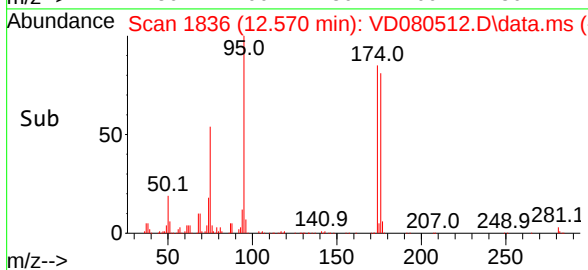
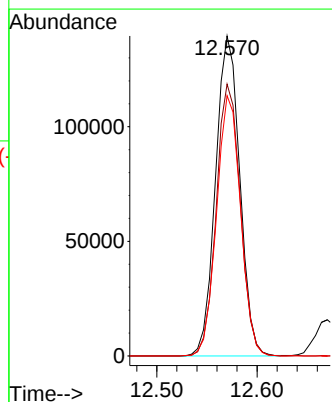
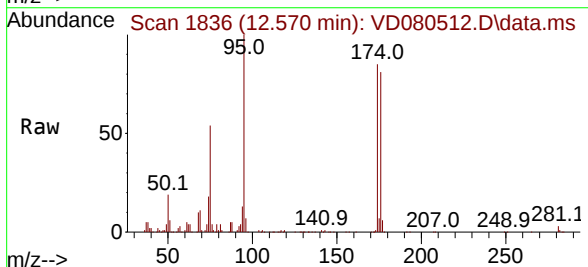
Instrument :
MSVOA_D
ClientSampleId :

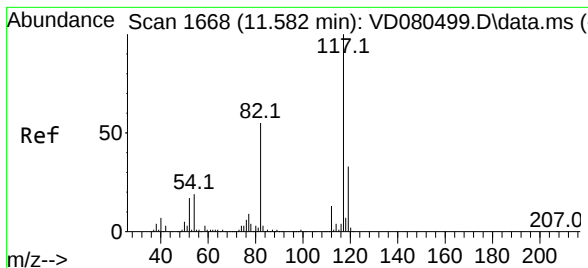
Tgt Ion:107 Resp: 159656
Ion Ratio Lower Upper
107 100
109 93.4 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 47.037 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

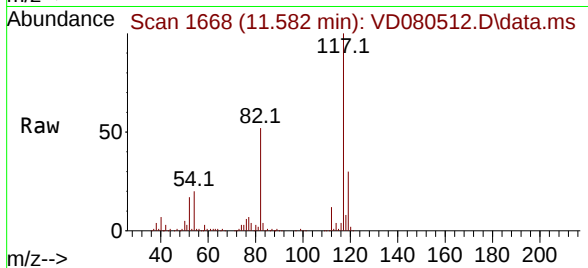
Tgt Ion: 95 Resp: 234063
Ion Ratio Lower Upper
95 100
174 84.3 0.0 162.6
176 80.7 0.0 156.0



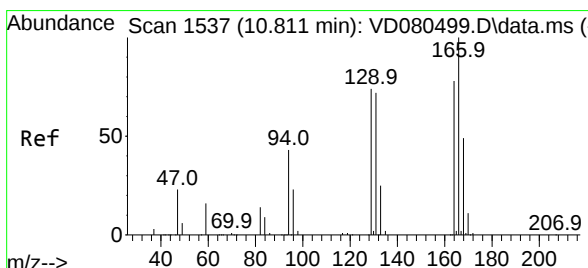
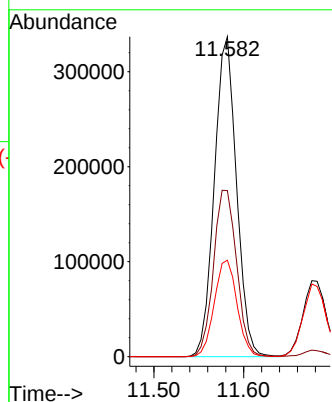
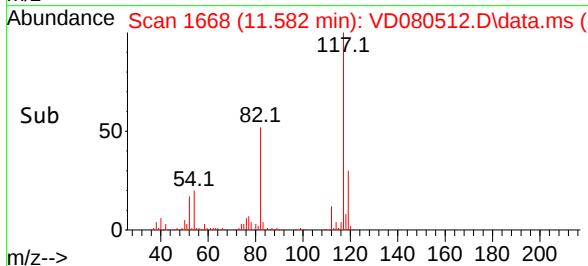


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

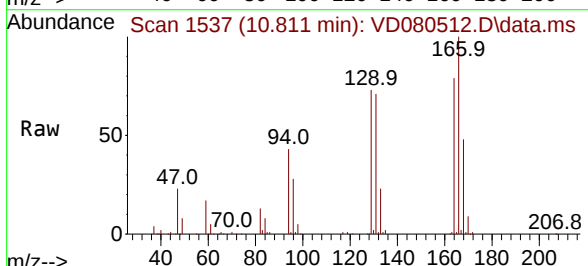
Instrument :
MSVOA_D
ClientSampleId :



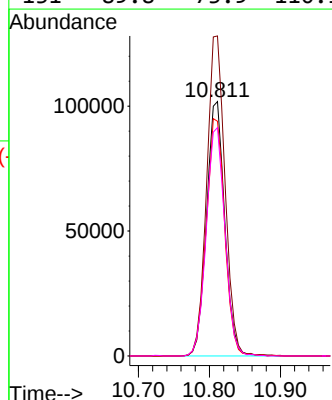
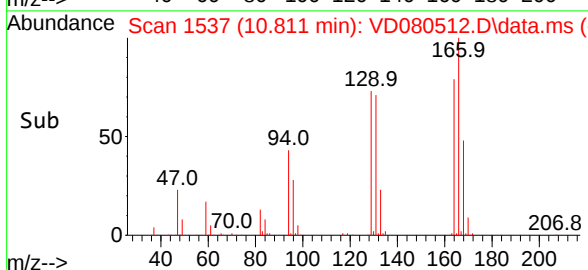
Tgt Ion:117 Resp: 577706
Ion Ratio Lower Upper
117 100
82 51.9 43.8 65.6
119 30.1 26.1 39.1

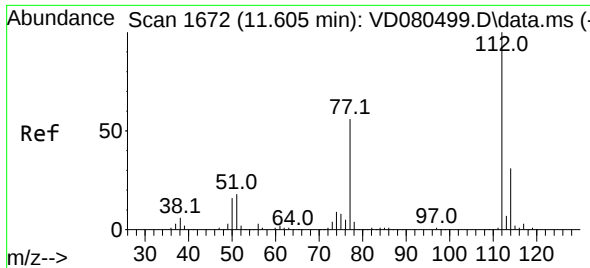


#64
Tetrachloroethene
Concen: 50.951 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09



Tgt Ion:164 Resp: 181777
Ion Ratio Lower Upper
164 100
166 125.8 103.1 154.7
129 92.2 76.2 114.2
131 89.8 73.9 110.9

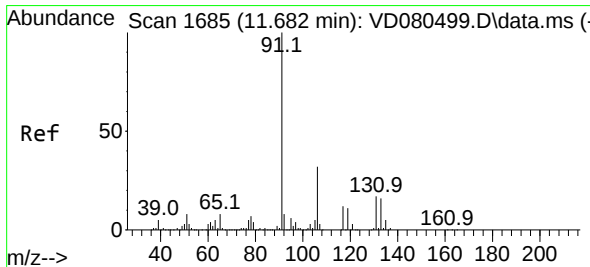
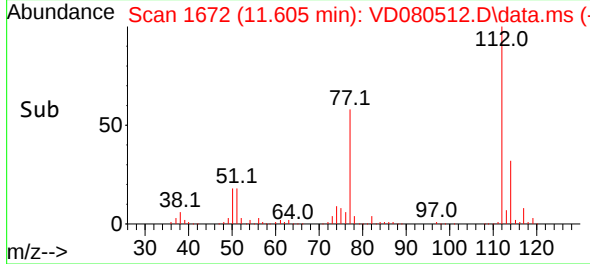
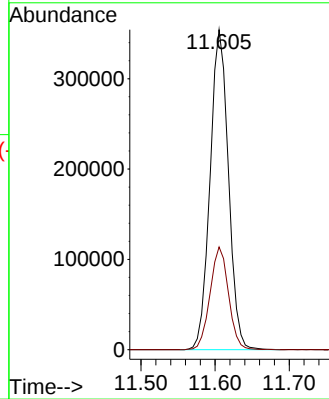
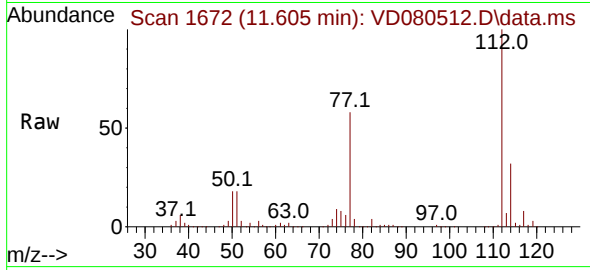




#65
Chlorobenzene
Concen: 49.488 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

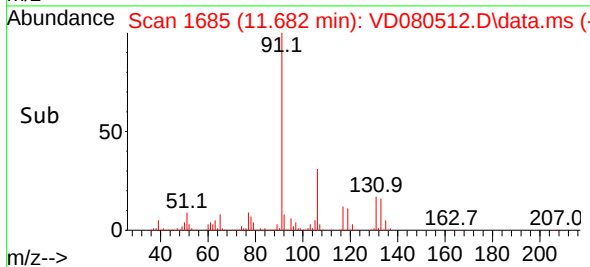
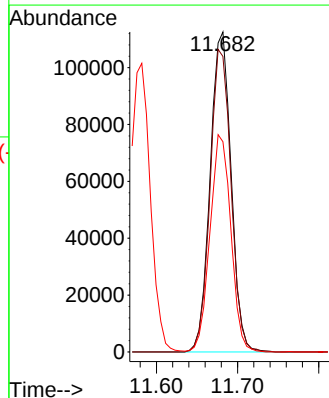
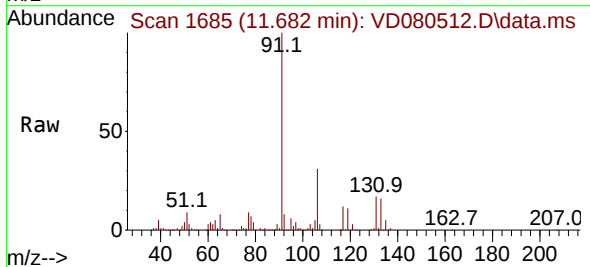
Instrument :
MSVOA_D
ClientSampleId :

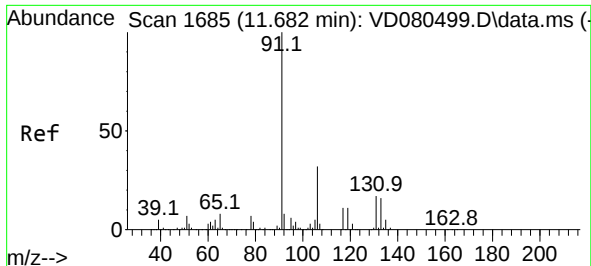
Tgt Ion:112 Resp: 609238
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.205 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion:131 Resp: 201066
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 67.9 34.6 103.9





#67

Ethyl Benzene

Concen: 50.151 ug/l

RT: 11.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

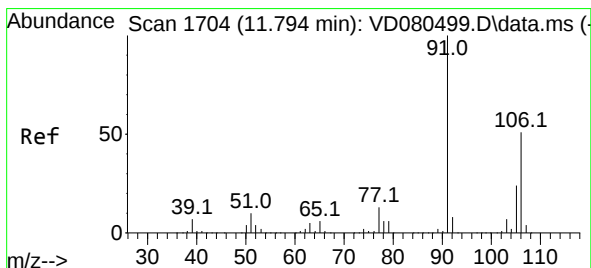
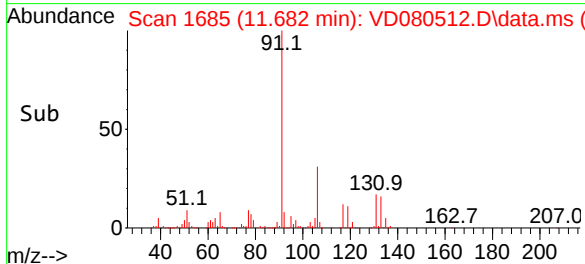
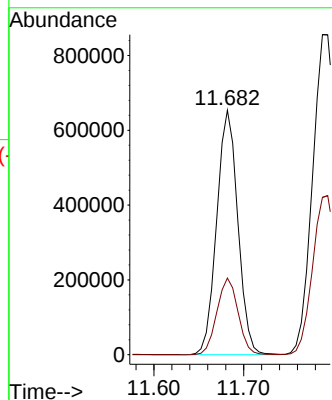
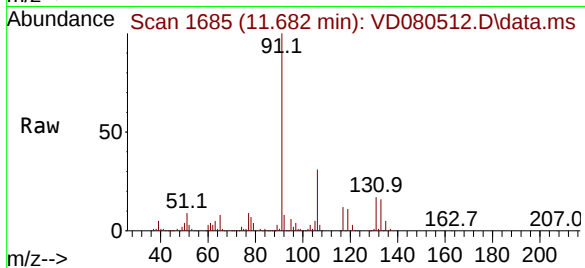
ClientSampleId :

Tgt Ion: 91 Resp: 1068611

Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.0



#68

m/p-Xylenes

Concen: 99.855 ug/l

RT: 11.794 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD080512.D

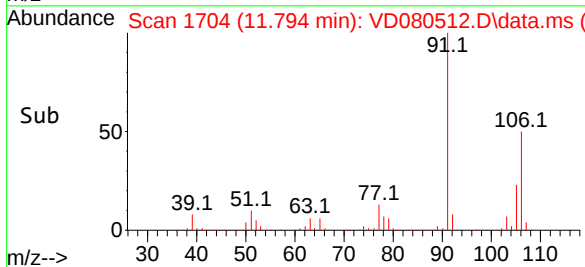
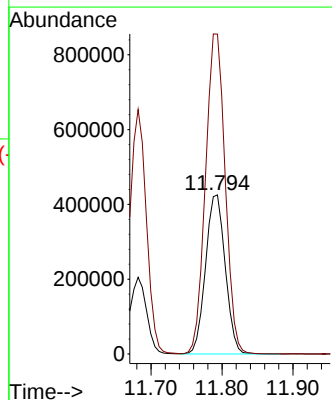
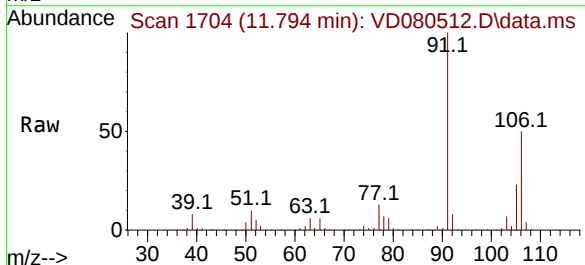
Acq: 04 Sep 2025 13:09

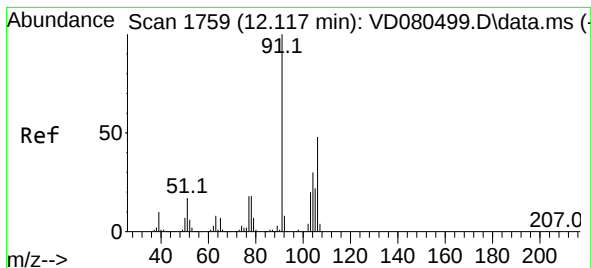
Tgt Ion: 106 Resp: 819250

Ion Ratio Lower Upper

106 100

91 201.2 158.5 237.7

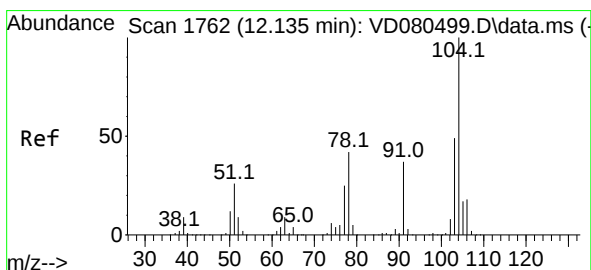
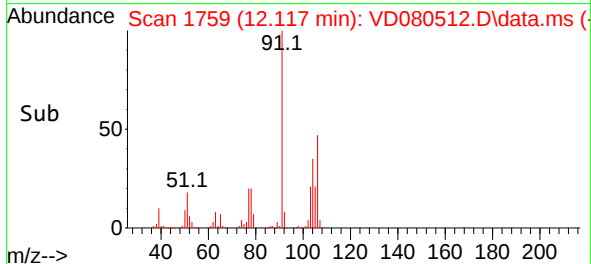
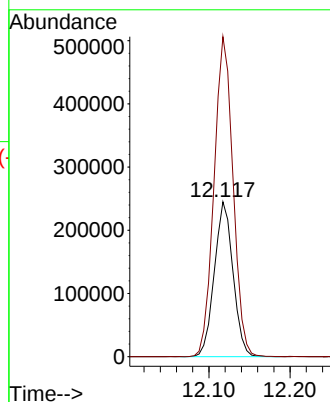
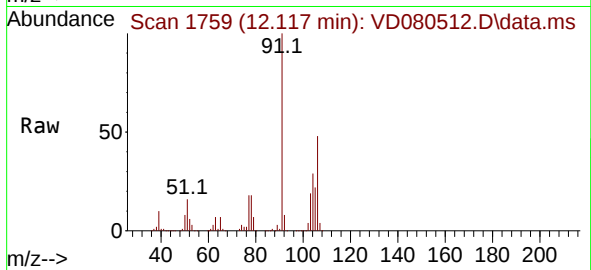




#69
o-Xylene
Concen: 50.038 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

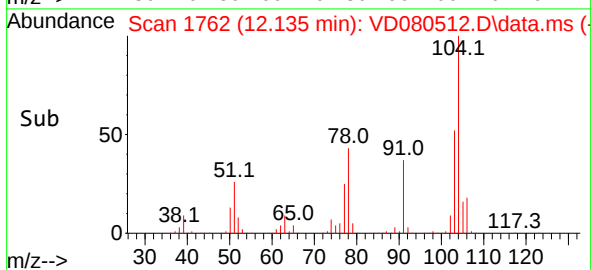
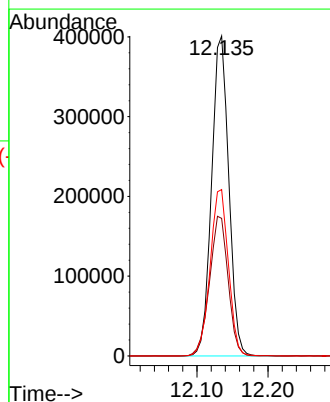
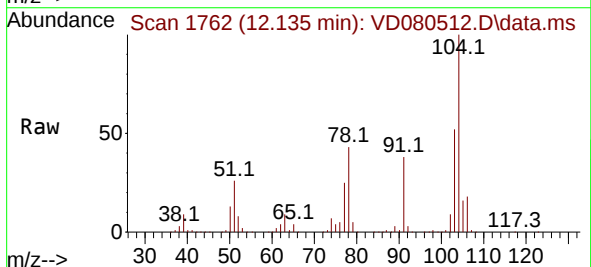
Instrument :
MSVOA_D
ClientSampleId :

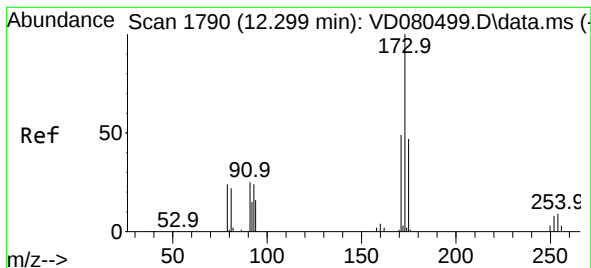
Tgt Ion:106 Resp: 391759
Ion Ratio Lower Upper
106 100
91 210.5 105.3 315.8



#70
Styrene
Concen: 50.534 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion:104 Resp: 673080
Ion Ratio Lower Upper
104 100
78 47.3 37.9 56.9
103 55.4 43.5 65.3





#71

Bromoform

Concen: 51.755 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

ClientSampleId :

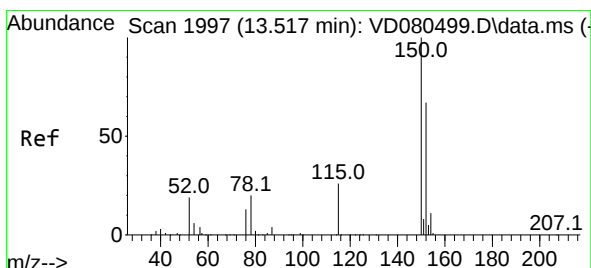
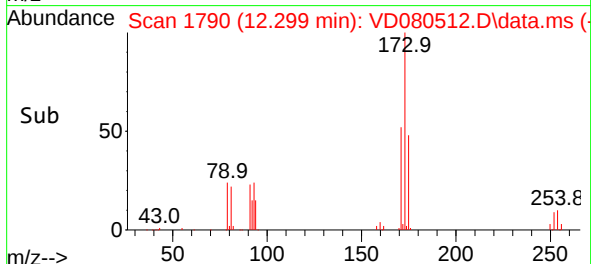
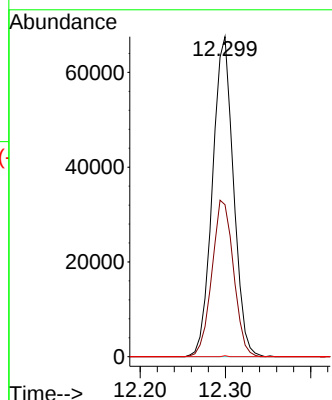
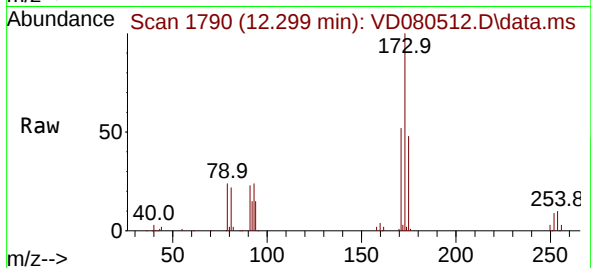
Tgt Ion:173 Resp: 115500

Ion Ratio Lower Upper

173 100

175 50.4 23.9 71.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

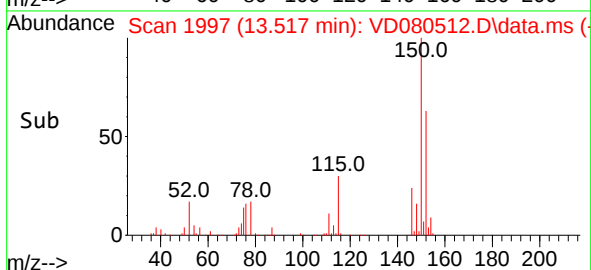
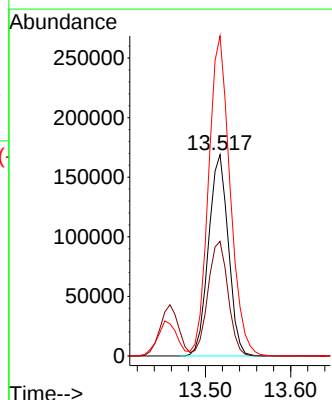
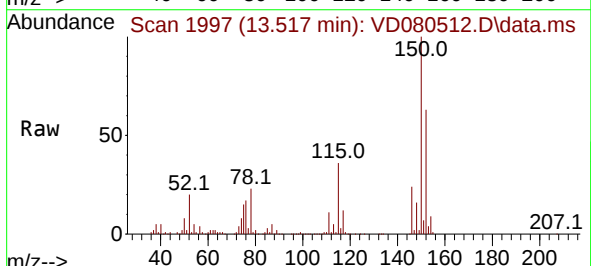
Tgt Ion:152 Resp: 271985

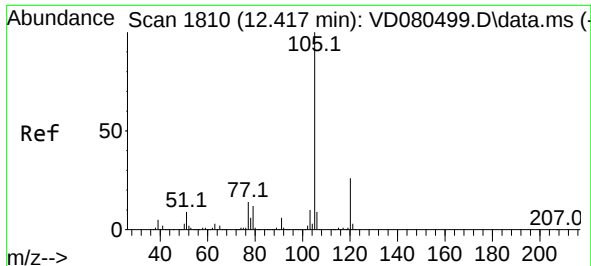
Ion Ratio Lower Upper

152 100

115 58.0 29.0 87.0

150 173.1 0.0 345.0

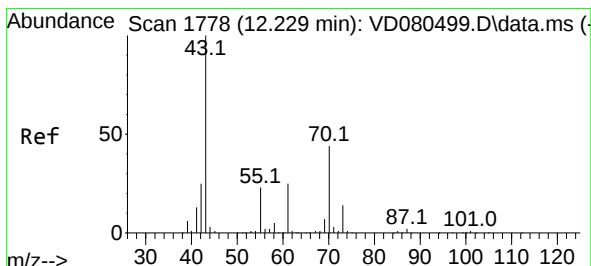
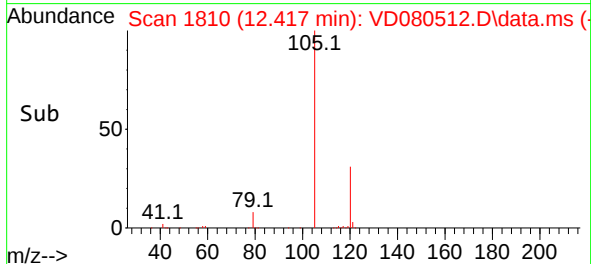
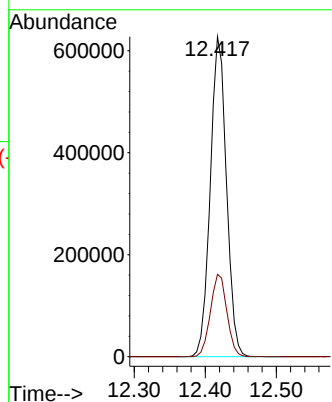
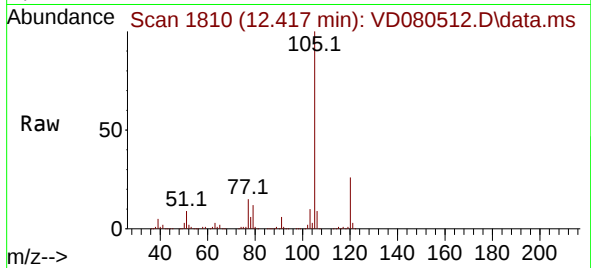




#73
Isopropylbenzene
Concen: 49.751 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

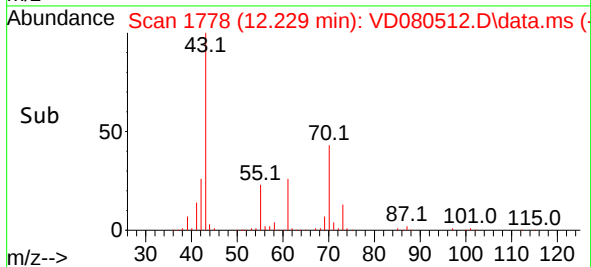
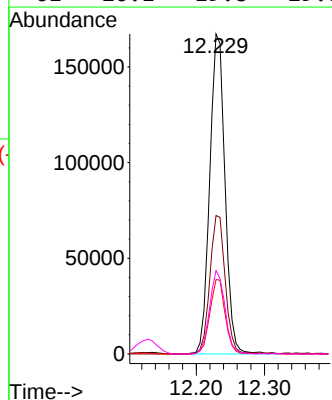
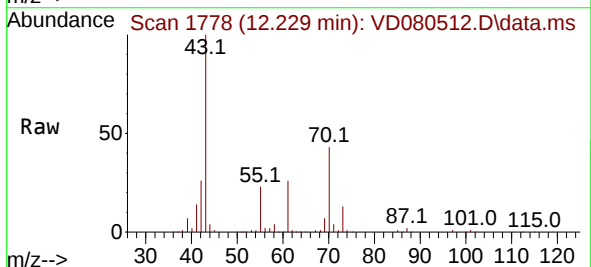
Instrument :
MSVOA_D
ClientSampleId :

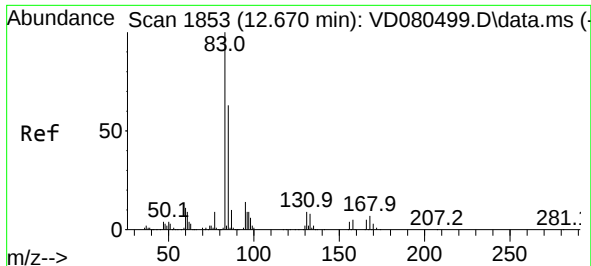
Tgt Ion:105 Resp: 991419
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4



#74
N-ethyl acetate
Concen: 49.343 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 43 Resp: 260935
Ion Ratio Lower Upper
43 100
70 43.7 35.4 53.0
55 23.3 18.6 28.0
61 26.1 19.8 29.8

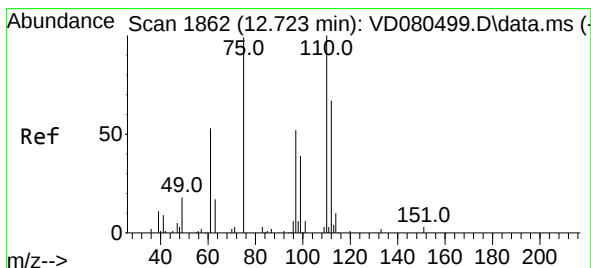
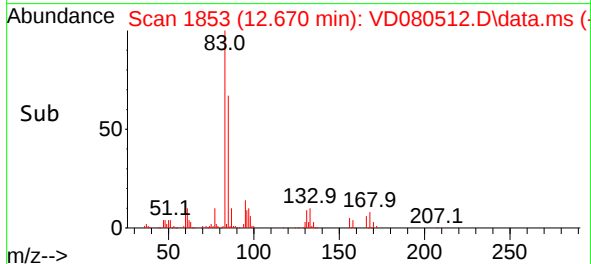
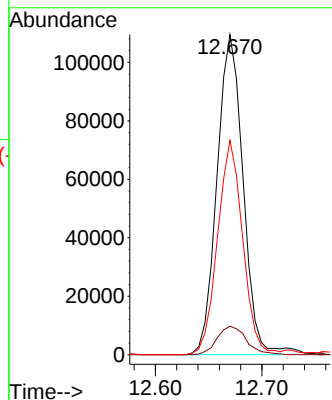
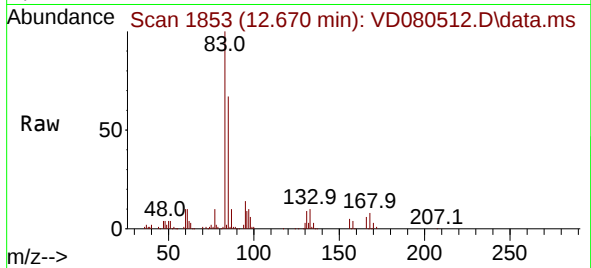




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.858 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

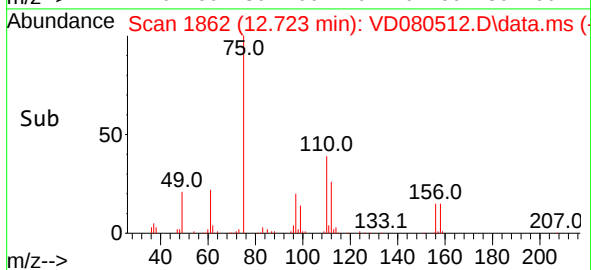
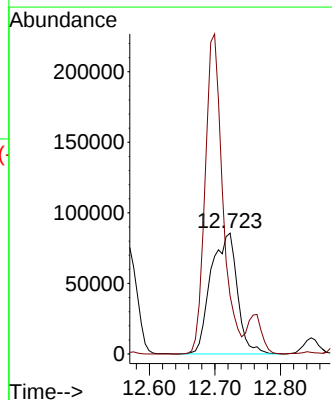
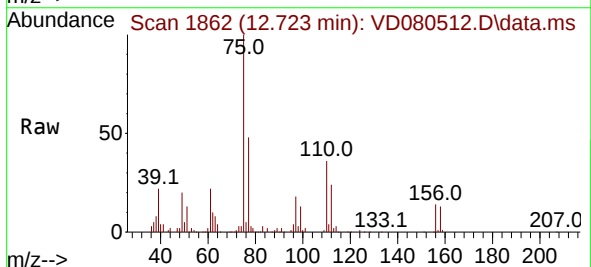
Instrument :
 MSVOA_D
 ClientSampleId :

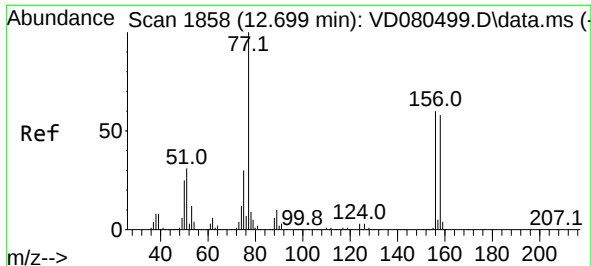
Tgt Ion: 83 Resp: 184720
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 65.0 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 107.808 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

Tgt Ion: 75 Resp: 239314
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

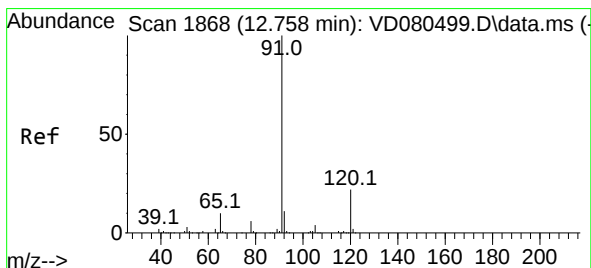
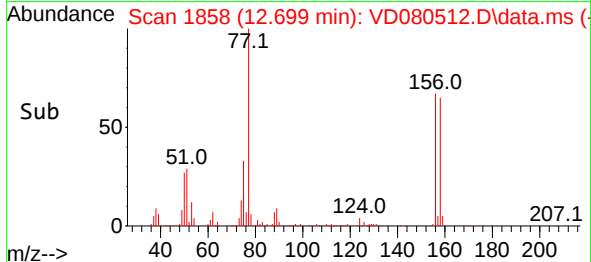
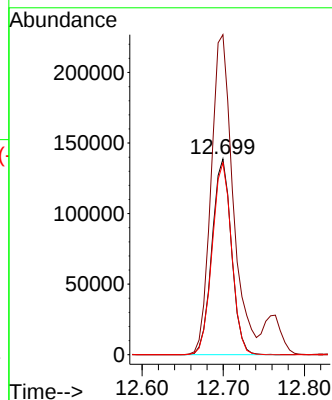
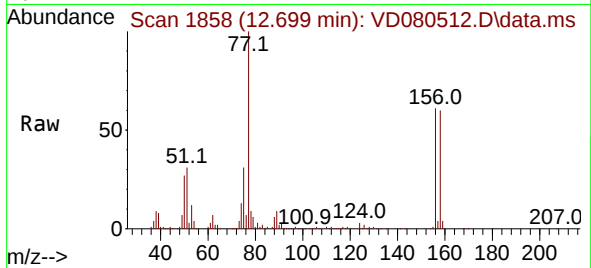




#77
Bromobenzene
Concen: 50.070 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

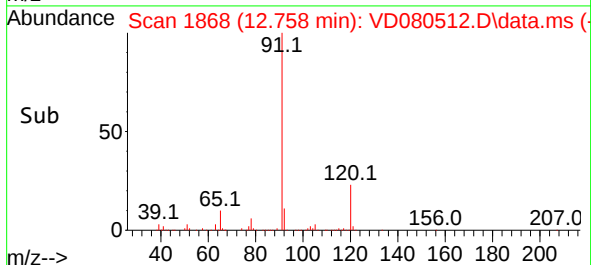
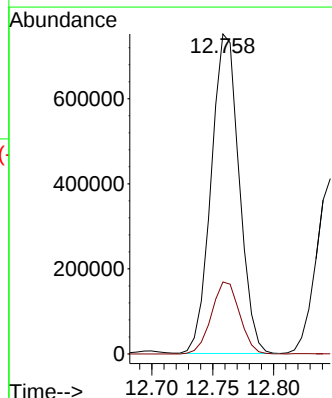
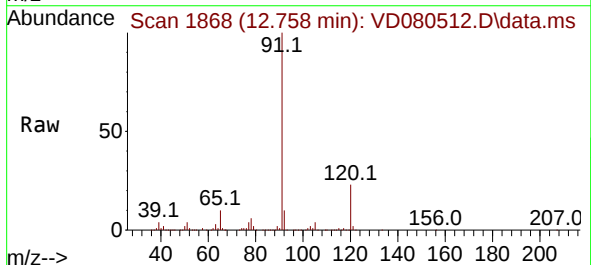
Instrument :
MSVOA_D
ClientSampleId :

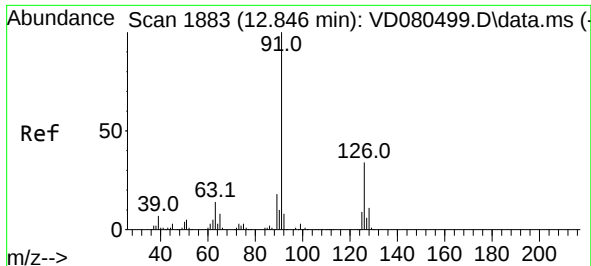
Tgt Ion:156 Resp: 230858
Ion Ratio Lower Upper
156 100
77 183.7 92.5 277.3
158 97.8 47.9 143.6



#78
n-propylbenzene
Concen: 49.541 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 91 Resp: 1198765
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

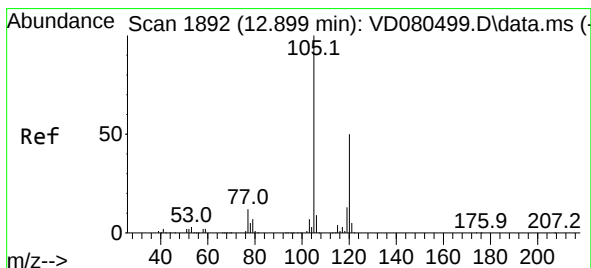
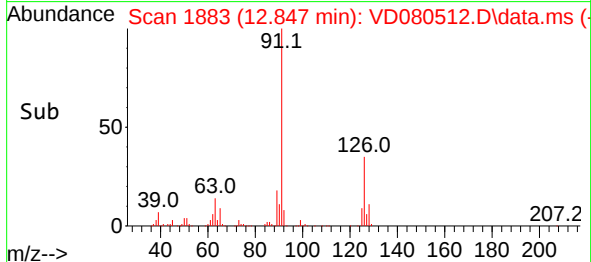
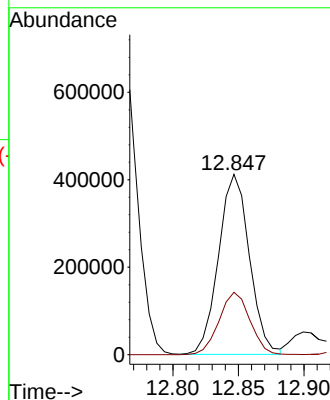
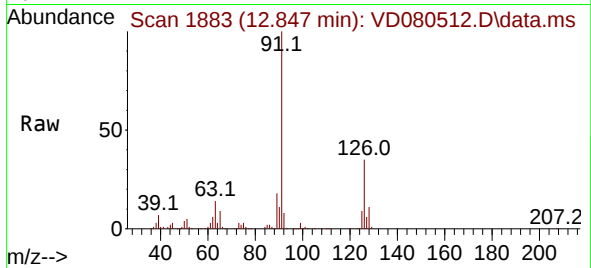




#79
2-Chlorotoluene
Concen: 48.955 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

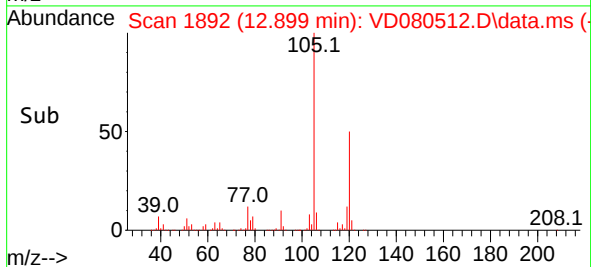
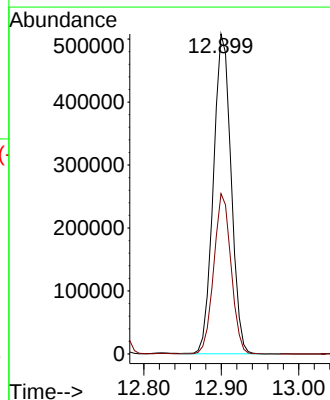
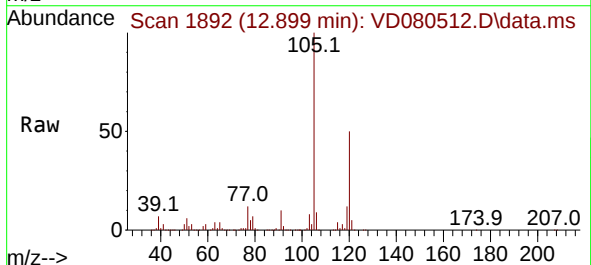
Instrument :
MSVOA_D
ClientSampleId :

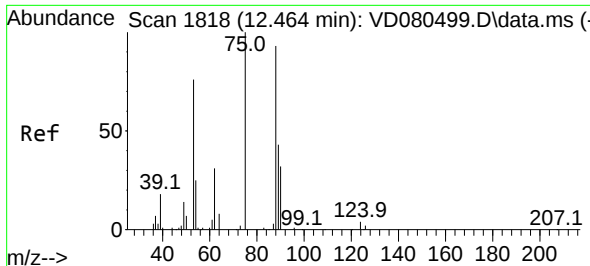
Tgt Ion: 91 Resp: 675018
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 49.774 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 105 Resp: 805978
Ion Ratio Lower Upper
105 100
120 48.9 24.7 74.1

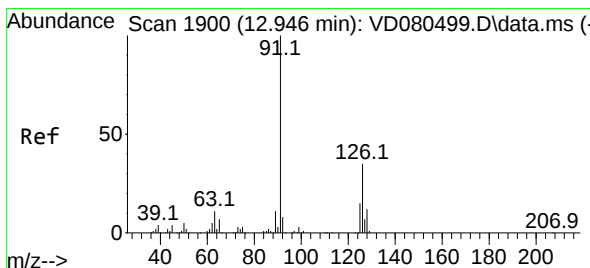
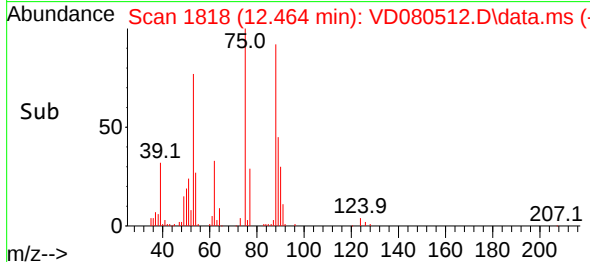
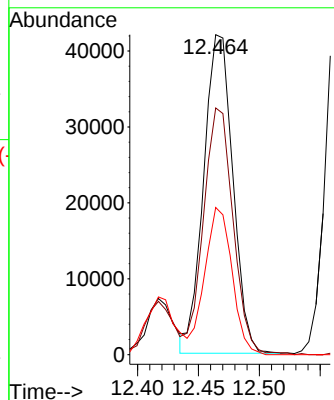
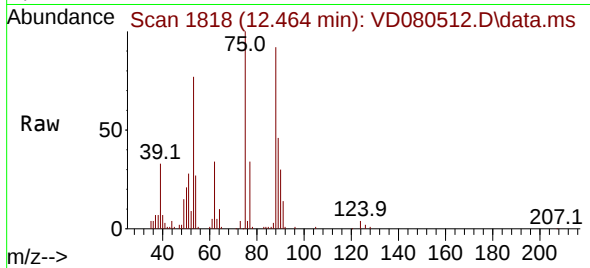




#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.869 ug/l
 RT: 12.464 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

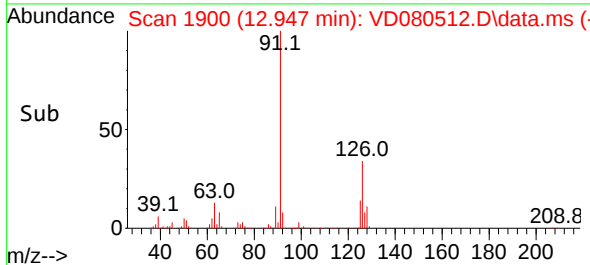
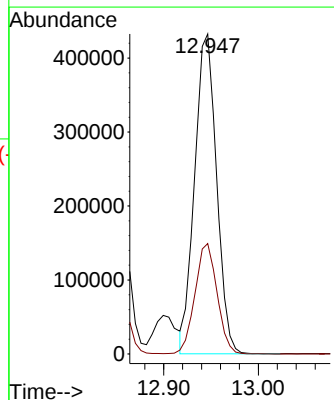
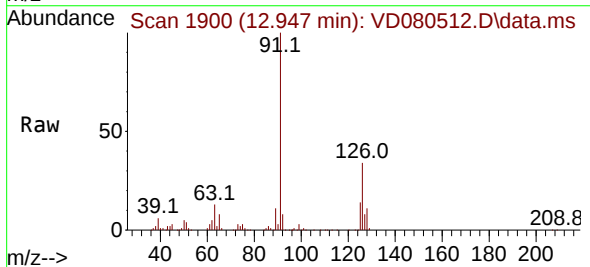
Instrument :
 MSVOA_D
 ClientSampleId :

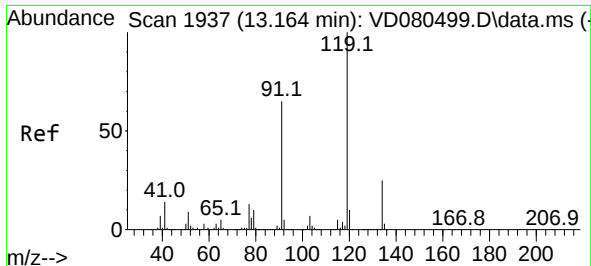
Tgt Ion: 75 Resp: 70010
 Ion Ratio Lower Upper
 75 100
 53 79.2 61.9 92.9
 89 43.3 34.6 52.0



#82
 4-Chlorotoluene
 Concen: 49.071 ug/l
 RT: 12.947 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

Tgt Ion: 91 Resp: 695963
 Ion Ratio Lower Upper
 91 100
 126 34.9 16.9 50.7

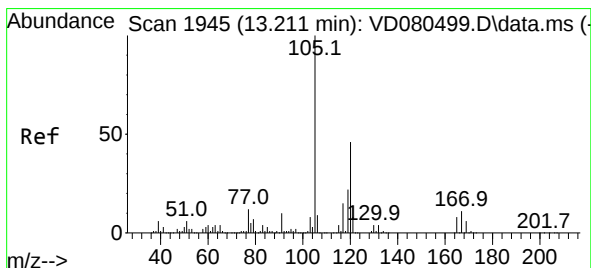
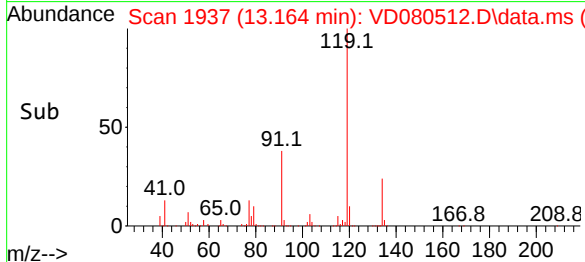
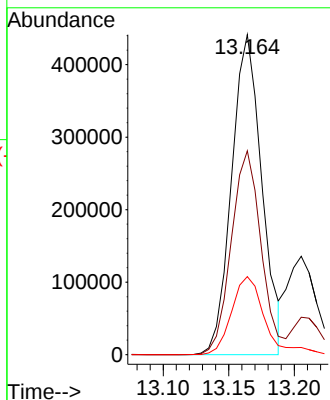
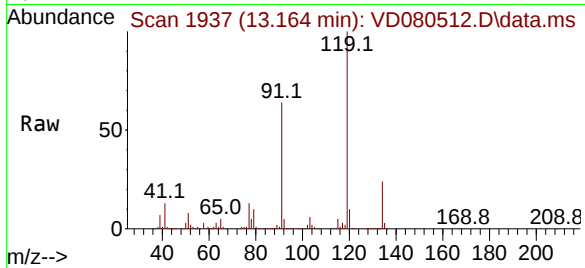




#83
tert-Butylbenzene
Concen: 50.411 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

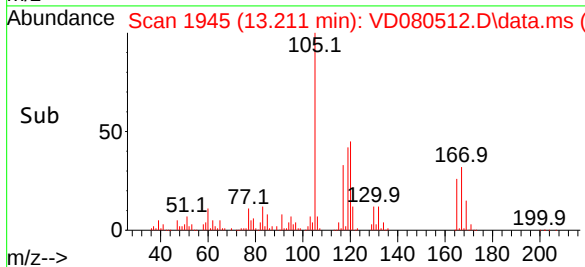
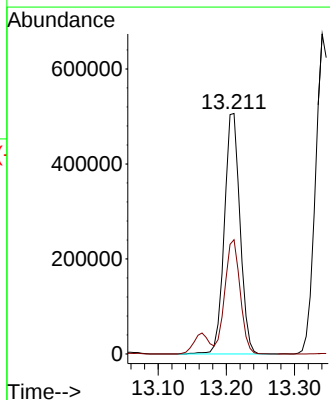
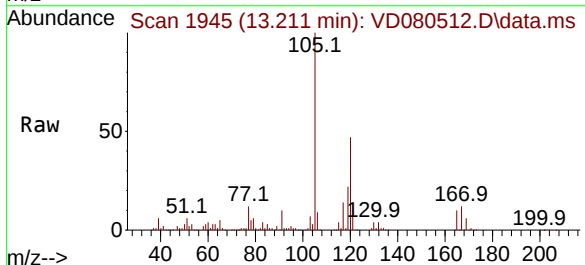
Instrument :
MSVOA_D
ClientSampleId :

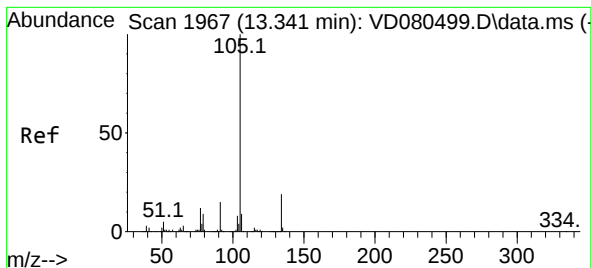
Tgt Ion:119 Resp: 708238
Ion Ratio Lower Upper
119 100
91 63.2 32.0 96.0
134 26.8 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 49.638 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion:105 Resp: 809318
Ion Ratio Lower Upper
105 100
120 46.3 22.5 67.5





#85

sec-Butylbenzene

Concen: 50.116 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

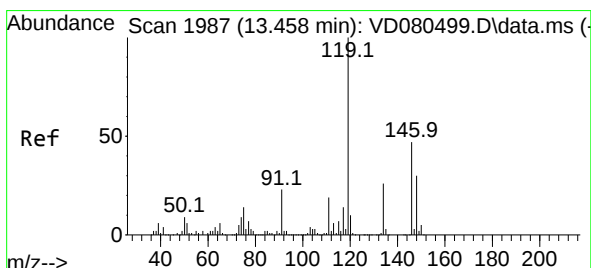
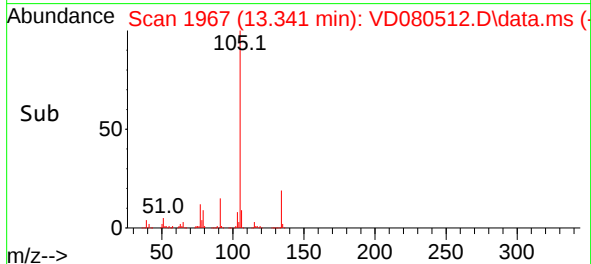
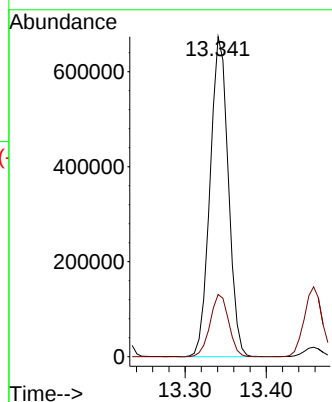
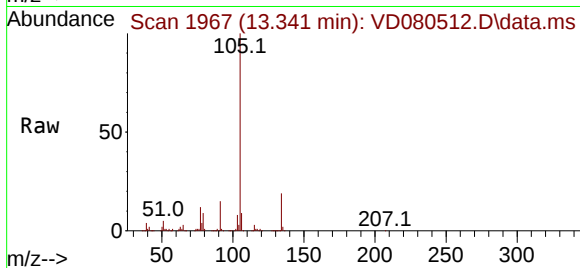
ClientSampleId :

Tgt Ion:105 Resp: 1050853

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 49.955 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

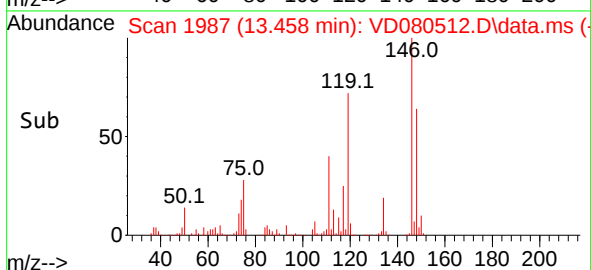
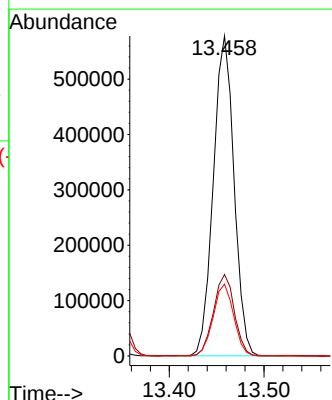
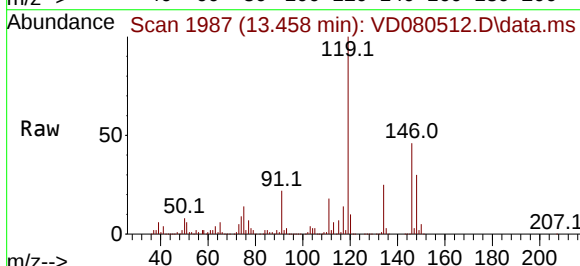
Tgt Ion:119 Resp: 876224

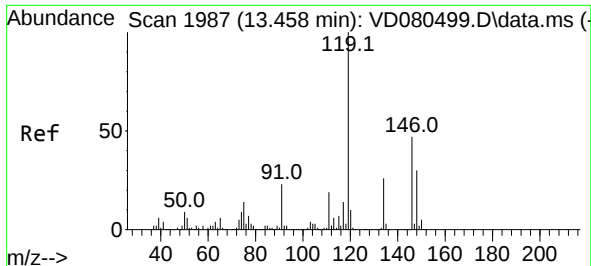
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 22.4 11.2 33.5

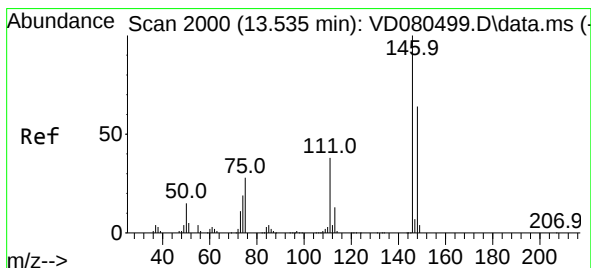
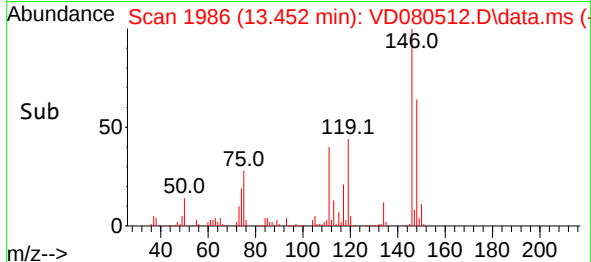
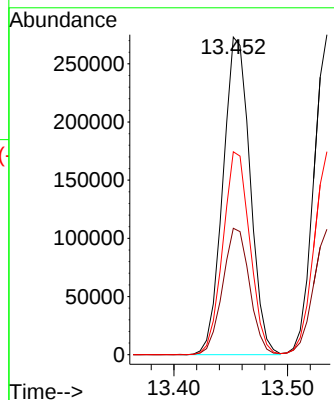
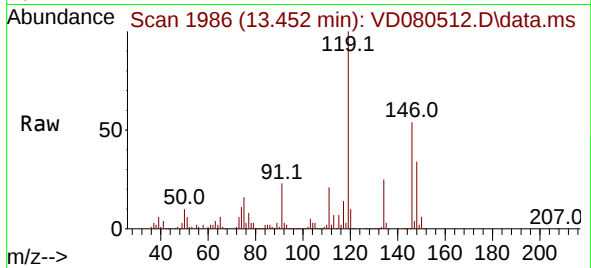




#87
1,3-Dichlorobenzene
Concen: 50.897 ug/l
RT: 13.452 min Scan# 1987
Delta R.T. -0.006 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

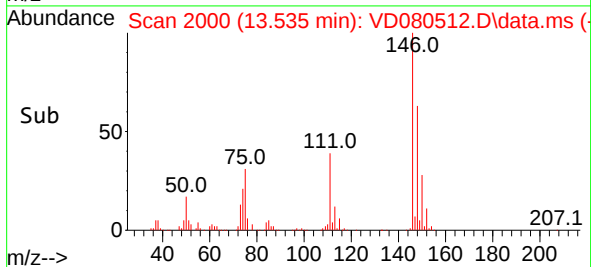
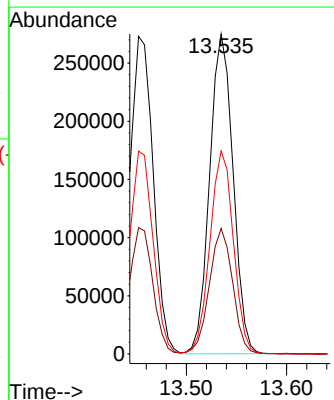
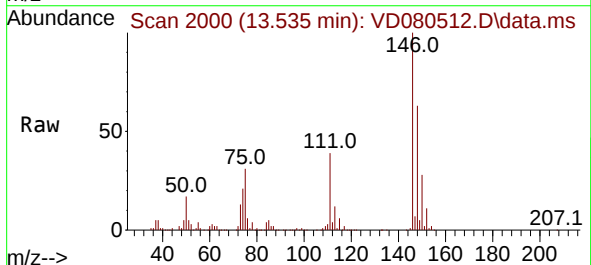
Instrument :
MSVOA_D
ClientSampleId :

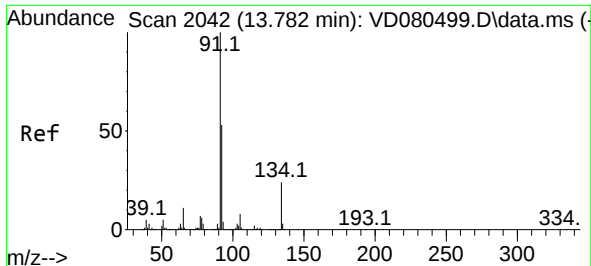
Tgt Ion:146 Resp: 452463
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.6
148 63.4 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 50.106 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion:146 Resp: 447281
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.1
148 63.7 32.1 96.5

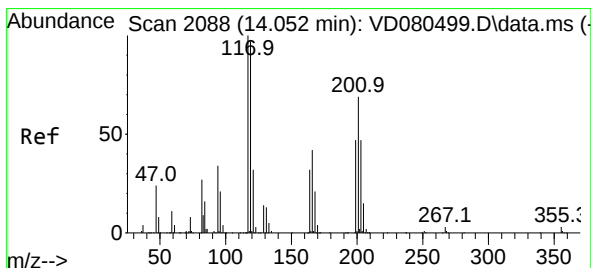
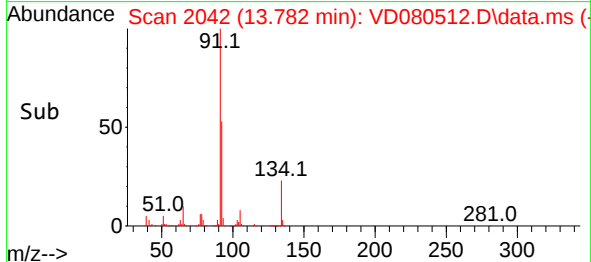
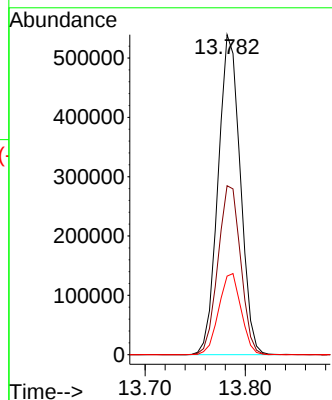
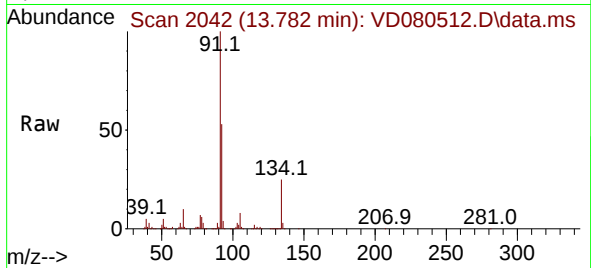




#89
n-Butylbenzene
Concen: 49.534 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

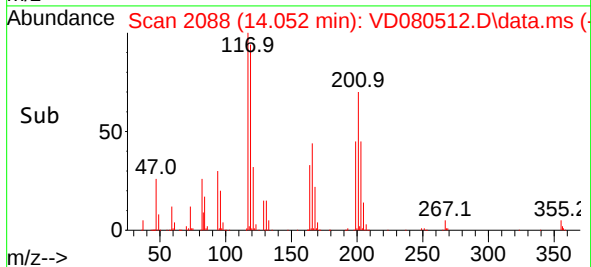
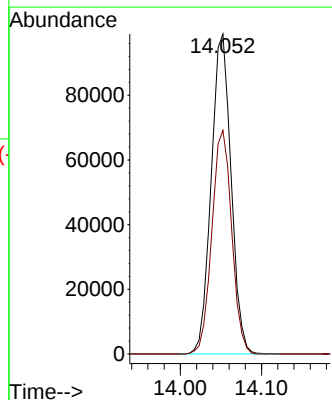
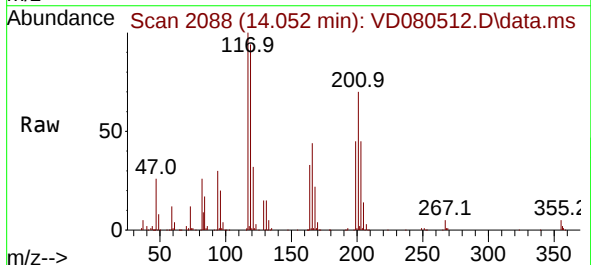
Instrument :
MSVOA_D
ClientSampleId :

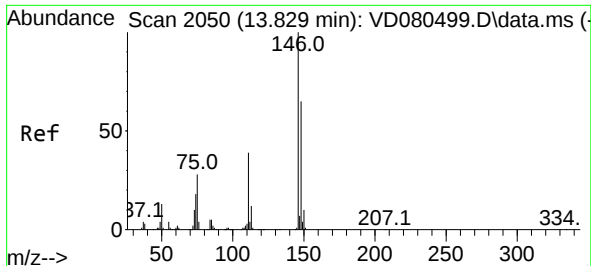
Tgt Ion: 91 Resp: 827656
Ion Ratio Lower Upper
91 100
92 54.1 26.6 79.8
134 25.6 12.4 37.2



#90
Hexachloroethane
Concen: 49.542 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080512.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 117 Resp: 168080
Ion Ratio Lower Upper
117 100
201 69.7 34.6 103.8

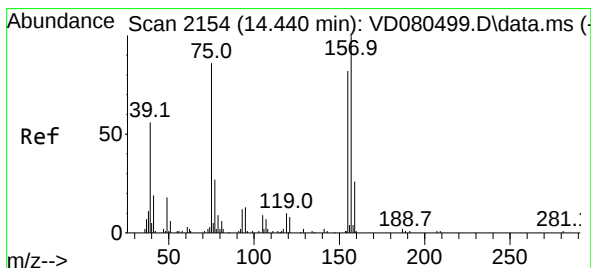
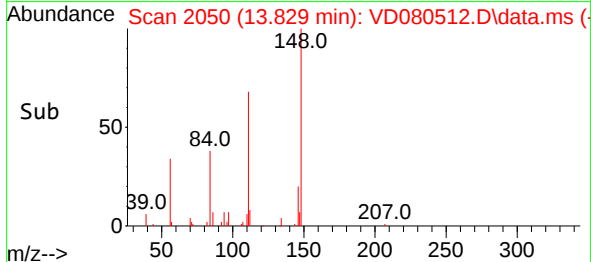
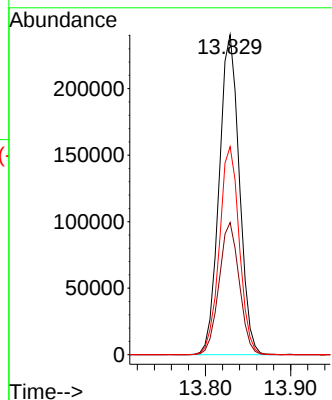
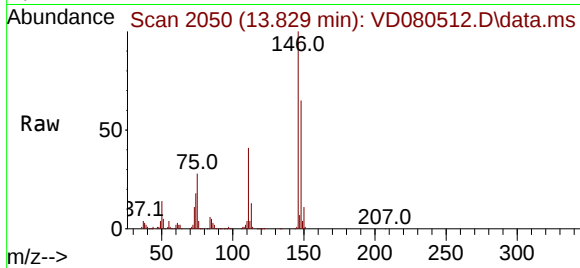




#91
 1,2-Dichlorobenzene
 Concen: 49.974 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

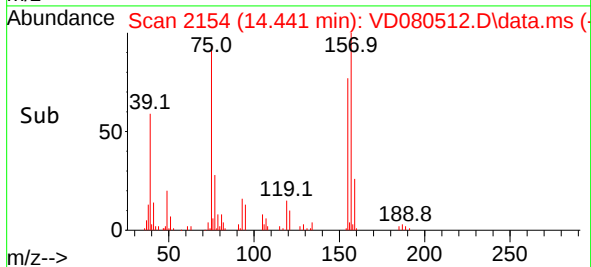
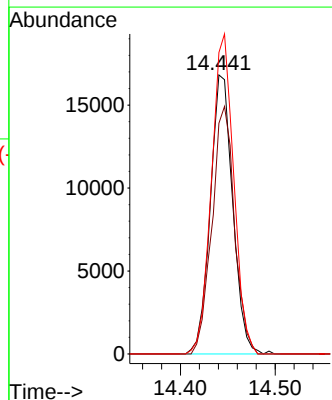
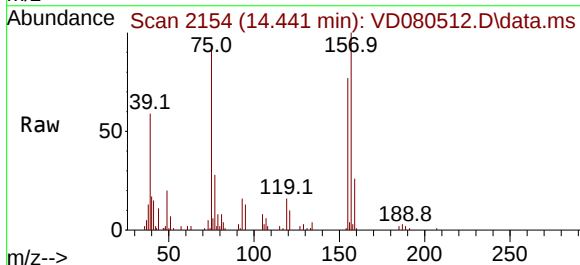
Instrument :
 MSVOA_D
 ClientSampleId :

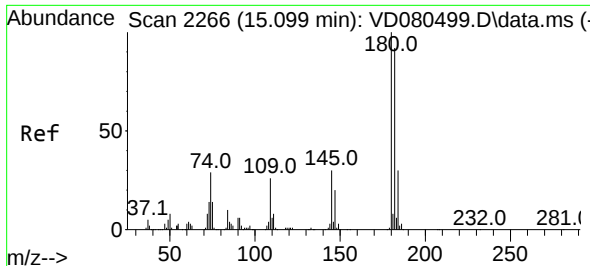
Tgt Ion:146 Resp: 395346
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 64.1 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.708 ug/l
 RT: 14.441 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

Tgt Ion: 75 Resp: 27637
 Ion Ratio Lower Upper
 75 100
 155 89.0 47.5 142.6
 157 113.5 56.8 170.3

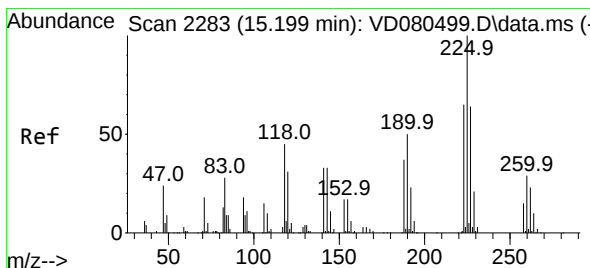
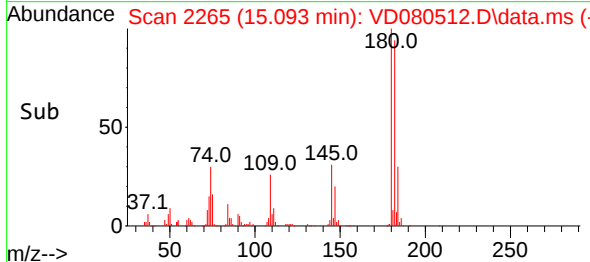
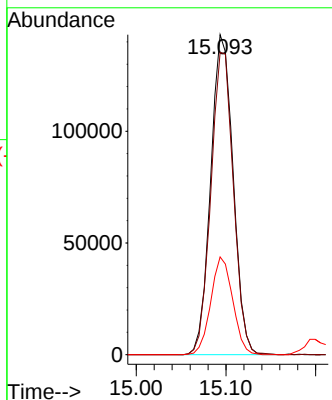
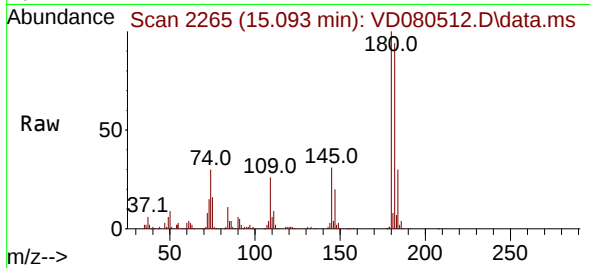




#93
 1,2,4-Trichlorobenzene
 Concen: 50.093 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

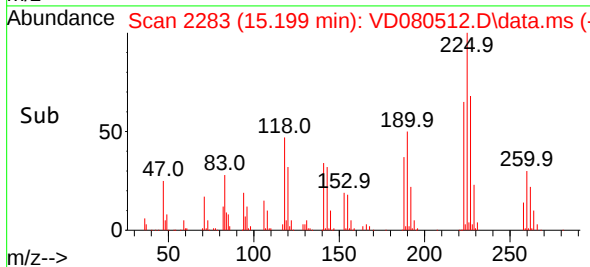
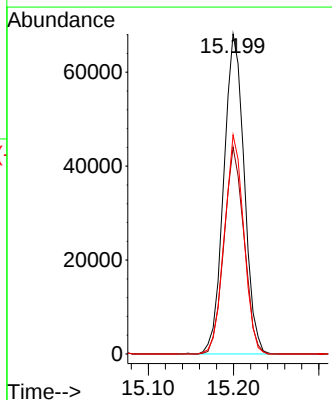
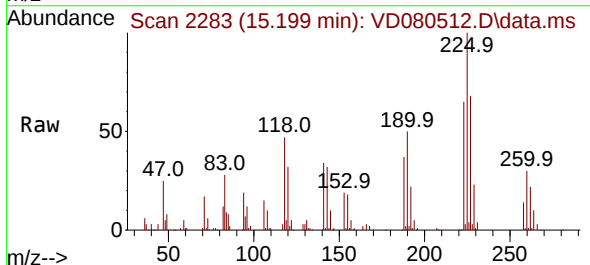
Instrument :
 MSVOA_D
 ClientSampleId :

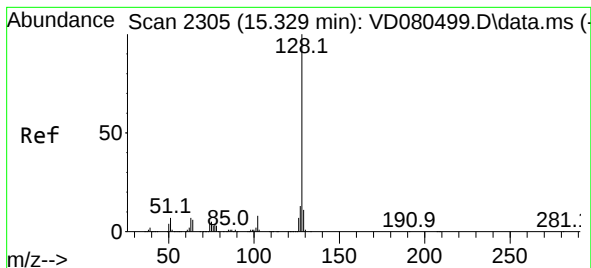
Tgt Ion:180 Resp: 248282
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.5 142.5
 145 29.9 15.7 47.0



#94
 Hexachlorobutadiene
 Concen: 50.418 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: VD080512.D
 Acq: 04 Sep 2025 13:09

Tgt Ion:225 Resp: 113581
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.7
 227 65.0 32.0 96.2





#95

Naphthalene

Concen: 50.118 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Instrument :

MSVOA_D

ClientSampleId :

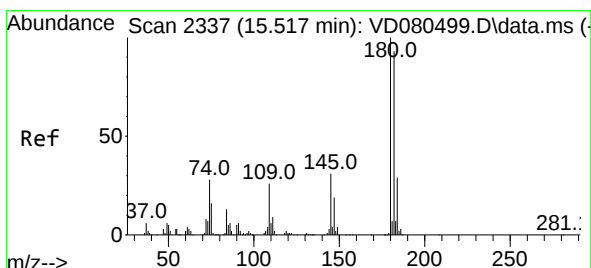
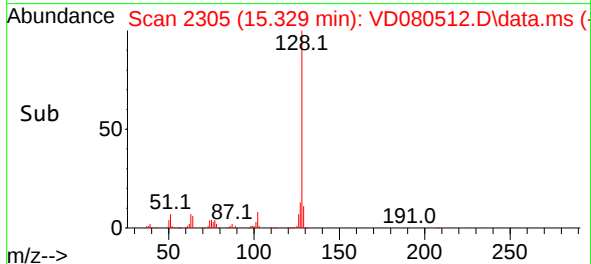
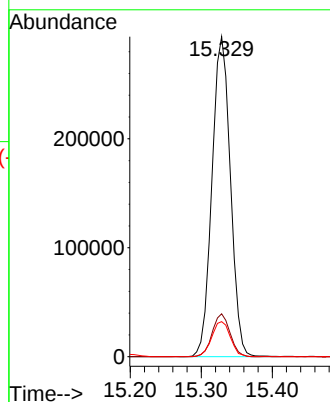
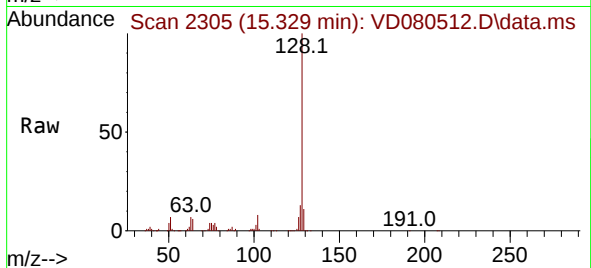
Tgt Ion:128 Resp: 528420

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.0 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 50.850 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080512.D

Acq: 04 Sep 2025 13:09

Tgt Ion:180 Resp: 215753

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.5

145 32.7 16.2 48.5

