

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080379.D
 Acq On : 16 May 2025 19:02
 Operator : RP/MD
 Sample : VD0516SBS02
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS02

Quant Time: May 17 01:23:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	116919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	141813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	128494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	70684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	75793	50.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.260%	
35) Dibromofluoromethane	7.806	113	72371	76.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 152.280%#	
50) Toluene-d8	10.270	98	183902	49.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.220%	
62) 4-Bromofluorobenzene	12.570	95	60607	50.420	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.840%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	26815	22.863	ug/l	96
3) Chloromethane	2.147	50	40513	16.873	ug/l	96
4) Vinyl Chloride	2.288	62	48999	16.121	ug/l	97
5) Bromomethane	2.688	94	34988	15.992	ug/l	97
6) Chloroethane	2.835	64	35507	16.522	ug/l	96
7) Trichlorofluoromethane	3.176	101	47547	20.401	ug/l	96
8) Diethyl Ether	3.588	74	13536	18.815	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.965	101	20945	14.586	ug/l	94
10) Methyl Iodide	4.159	142	22363	15.277	ug/l	98
11) Tert butyl alcohol	5.065	59	5382	58.661	ug/l #	88
12) 1,1-Dichloroethene	3.947	96	19645	13.876	ug/l	89
13) Acrolein	3.800	56	4534	28.087	ug/l	98
14) Allyl chloride	4.565	41	24600	11.049	ug/l	88
15) Acrylonitrile	5.247	53	19976	57.754	ug/l	94
16) Acetone	4.024	43	16742	58.572	ug/l	94
17) Carbon Disulfide	4.276	76	63732	12.964	ug/l	99
18) Methyl Acetate	4.571	43	15232	15.569	ug/l	92
19) Methyl tert-butyl Ether	5.318	73	42343	13.615	ug/l	100
20) Methylene Chloride	4.800	84	28355	14.872	ug/l	95
21) trans-1,2-Dichloroethene	5.312	96	21056	13.691	ug/l	98
22) Diisopropyl ether	6.223	45	77616	16.923	ug/l #	97
23) Vinyl Acetate	6.159	43	201537	75.446	ug/l	100
24) 1,1-Dichloroethane	6.112	63	55573	19.255	ug/l	99
25) 2-Butanone	7.082	43	37879	91.053	ug/l	97
26) 2,2-Dichloropropane	7.070	77	45684	19.892	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	37100	21.773	ug/l	99
28) Bromochloromethane	7.429	49	25902	19.275	ug/l	100
29) Tetrahydrofuran	7.453	42	26336	97.093	ug/l	98
30) Chloroform	7.594	83	62945	21.870	ug/l	97
31) Cyclohexane	7.882	56	44195	17.992	ug/l	97
32) 1,1,1-Trichloroethane	7.794	97	52182	22.223	ug/l	98
36) 1,1-Dichloropropene	8.012	75	39823	28.034	ug/l	99
37) Ethyl Acetate	7.170	43	19552	26.322	ug/l	95
38) Carbon Tetrachloride	7.988	117	43891	29.627	ug/l	97
39) Methylcyclohexane	9.276	83	27352	16.593	ug/l	96
40) Benzene	8.253	78	125591	28.217	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	7537	18.335	ug/l #	72
42) 1,2-Dichloroethane	8.329	62	36400	28.223	ug/l	97
43) Isopropyl Acetate	8.364	43	33054	24.540	ug/l	97
44) Trichloroethene	9.029	130	21026	20.350	ug/l	96
45) 1,2-Dichloropropane	9.306	63	21282	18.644	ug/l	95
46) Dibromomethane	9.394	93	12792	20.582	ug/l	99
47) Bromodichloromethane	9.582	83	32415	20.548	ug/l	96
48) Methyl methacrylate	9.376	41	11253	17.583	ug/l	97
49) 1,4-Dioxane	9.382	88	3025	409.382	ug/l #	87
51) 4-Methyl-2-Pentanone	10.158	43	58738	84.634	ug/l	96
52) Toluene	10.329	92	53667	20.014	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	26058	18.120	ug/l	90
54) cis-1,3-Dichloropropene	10.017	75	31121	18.675	ug/l	94
55) 1,1,2-Trichloroethane	10.729	97	16821	20.461	ug/l	98
56) Ethyl methacrylate	10.600	69	18375	18.445	ug/l	98
57) 1,3-Dichloropropane	10.876	76	27270	19.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	36496	89.521	ug/l	98
59) 2-Hexanone	10.923	43	38575	80.799	ug/l	97
60) Dibromochloromethane	11.070	129	22131	21.481	ug/l	100
61) 1,2-Dibromoethane	11.176	107	16111	21.134	ug/l	96
64) Tetrachloroethene	10.811	164	19176	22.038	ug/l	96
65) Chlorobenzene	11.605	112	60076	20.706	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.676	131	21377	21.446	ug/l	97
67) Ethyl Benzene	11.682	91	93952	19.378	ug/l	99
68) m/p-Xylenes	11.794	106	75656	40.187	ug/l	99
69) o-Xylene	12.117	106	33675	19.575	ug/l	96
70) Styrene	12.129	104	61605	19.943	ug/l	98
71) Bromoform	12.300	173	13243	22.362	ug/l #	98
73) Isopropylbenzene	12.417	105	86762	18.922	ug/l	100
74) N-amyl acetate	12.229	43	20246	15.385	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.670	83	20942	20.770	ug/l	93
76) 1,2,3-Trichloropropane	12.723	75	24665	36.155	ug/l #	100
77) Bromobenzene	12.700	156	24995	21.016	ug/l	96
78) n-propylbenzene	12.758	91	111768	19.424	ug/l	98
79) 2-Chlorotoluene	12.847	91	66009	19.722	ug/l	97
80) 1,3,5-Trimethylbenzene	12.900	105	76888	19.661	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.464	75	6405	17.822	ug/l	94
82) 4-Chlorotoluene	12.947	91	70084	19.399	ug/l	97
83) tert-Butylbenzene	13.164	119	61925	18.975	ug/l	97
84) 1,2,4-Trimethylbenzene	13.211	105	78347	19.580	ug/l	100
85) sec-Butylbenzene	13.341	105	96828	19.240	ug/l	98
86) p-Isopropyltoluene	13.458	119	81657	19.306	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	48319	19.481	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	49227	19.687	ug/l	99
89) n-Butylbenzene	13.788	91	77145	18.789	ug/l	98
90) Hexachloroethane	14.047	117	19293	20.616	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	44524	20.664	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.446	75	3436	21.382	ug/l	96
93) 1,2,4-Trichlorobenzene	15.099	180	33493	24.718	ug/l	98
94) Hexachlorobutadiene	15.199	225	18337	26.012	ug/l	96
95) Naphthalene	15.329	128	64702	25.430	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	31591	26.067	ug/l	98

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QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

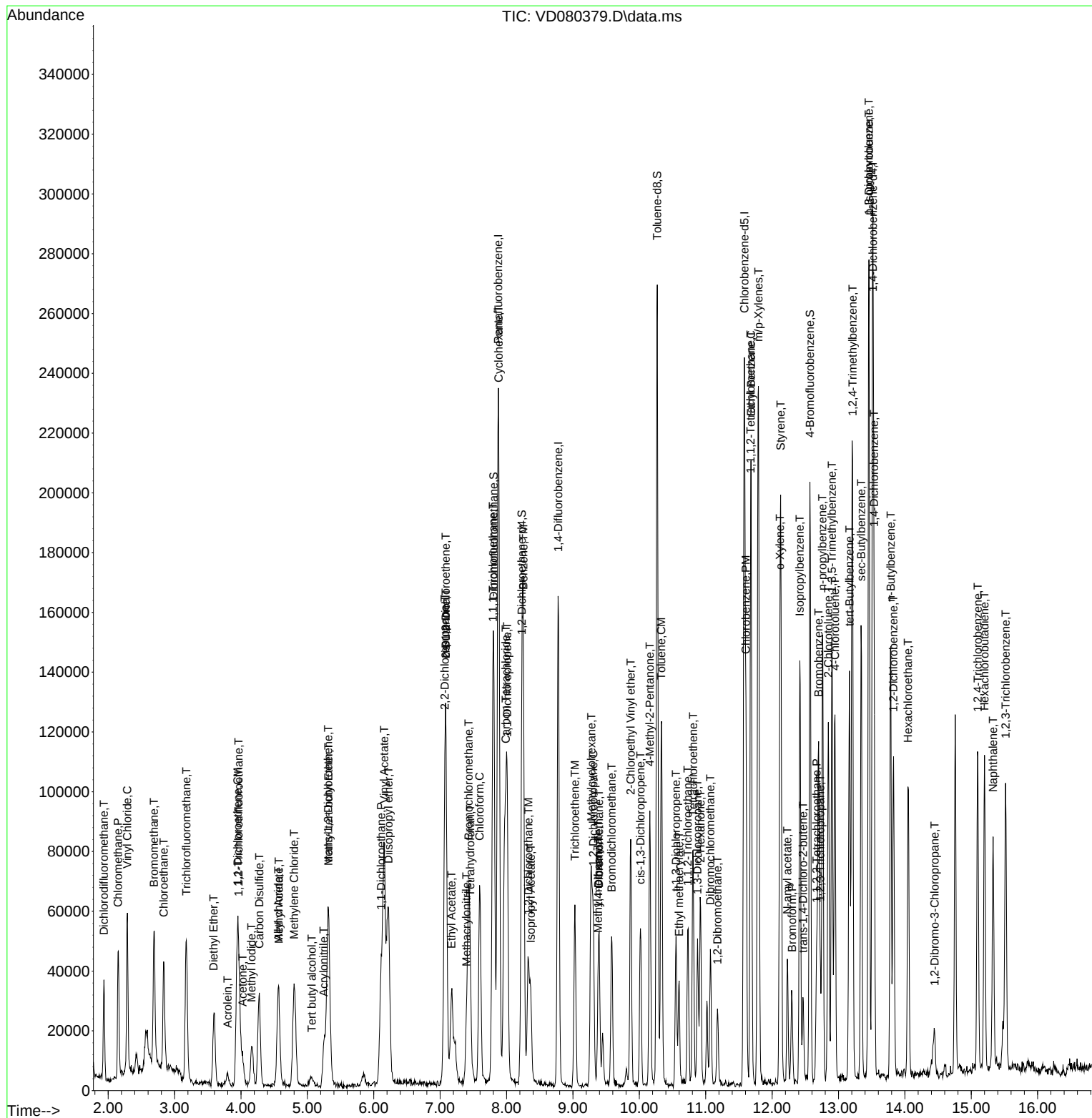
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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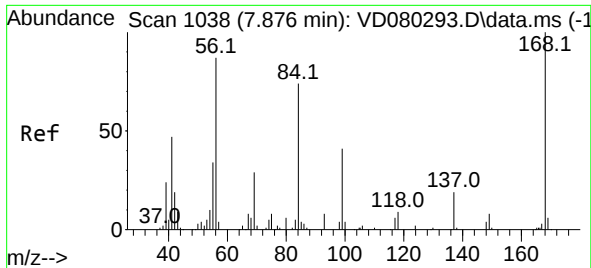
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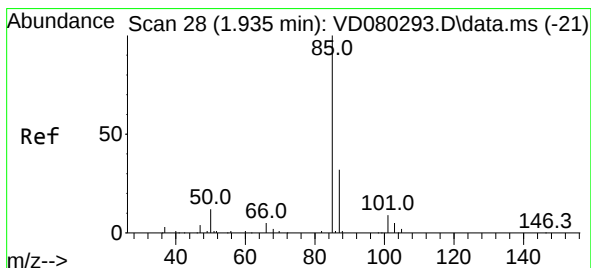
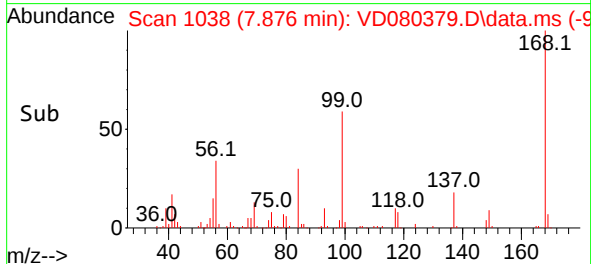
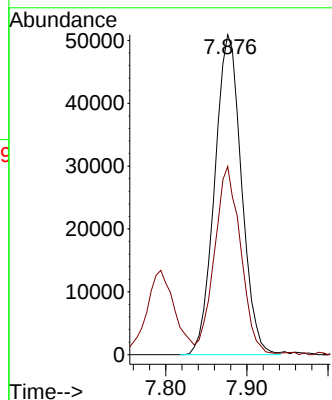
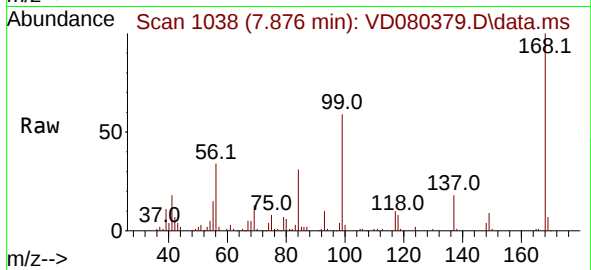




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
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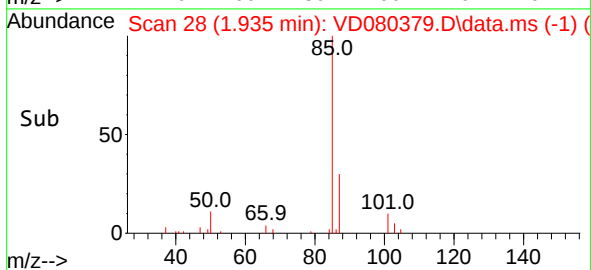
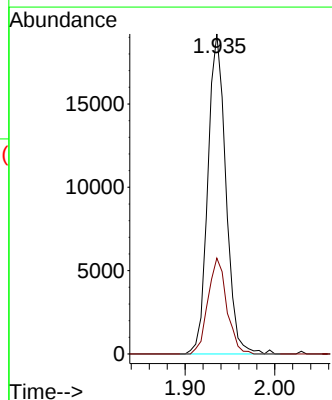
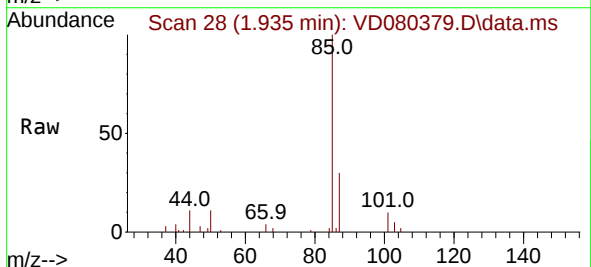
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

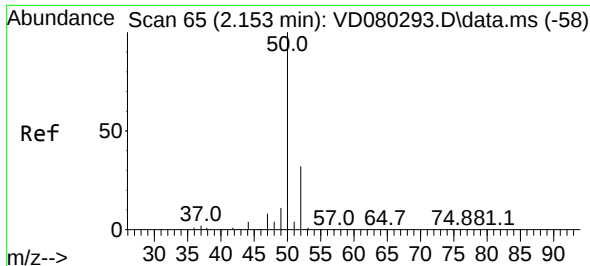
Tgt Ion:168 Resp: 116919
Ion Ratio Lower Upper
168 100
99 58.3 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 22.863 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 85 Resp: 26815
Ion Ratio Lower Upper
85 100
87 29.9 16.1 48.2

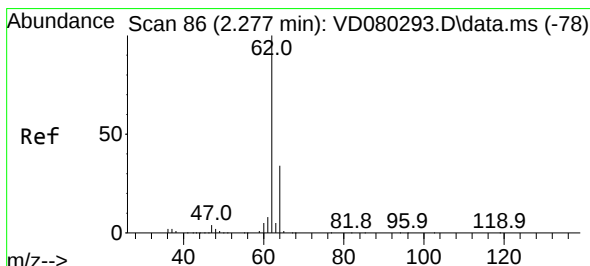
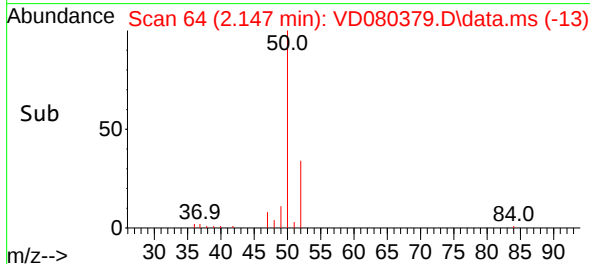
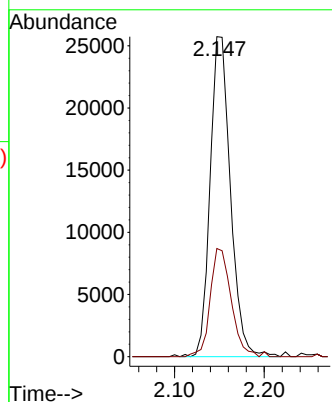
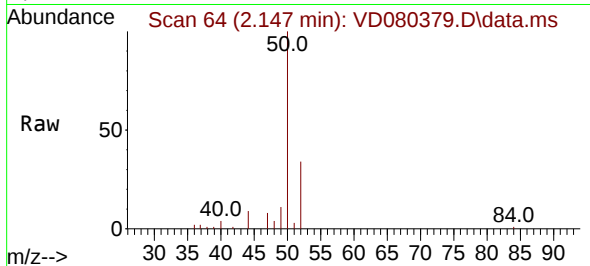




#3
Chloromethane
Concen: 16.873 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

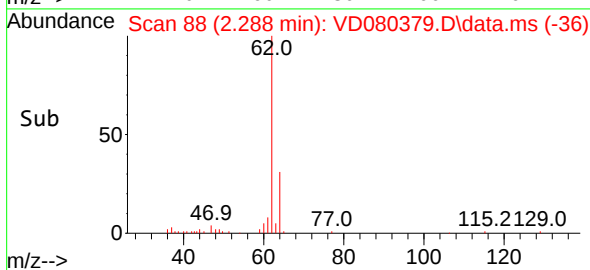
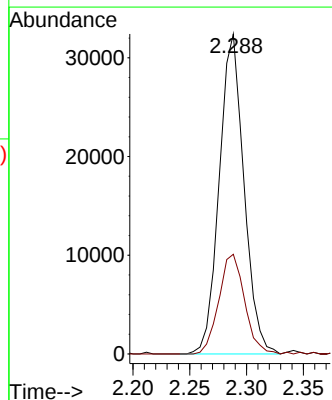
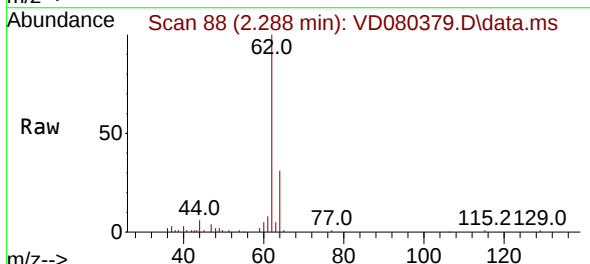
Instrument :
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ClientSampleId :
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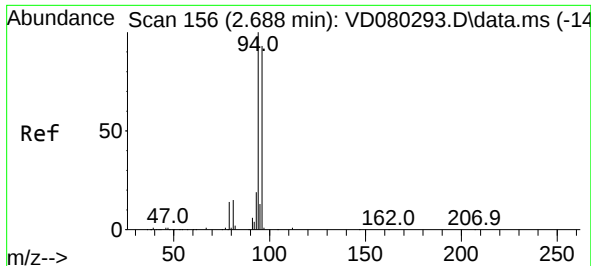
Tgt Ion: 50 Resp: 40513
Ion Ratio Lower Upper
50 100
52 33.8 28.8 43.2



#4
Vinyl Chloride
Concen: 16.121 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.007 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 62 Resp: 48999
Ion Ratio Lower Upper
62 100
64 31.2 26.5 39.7

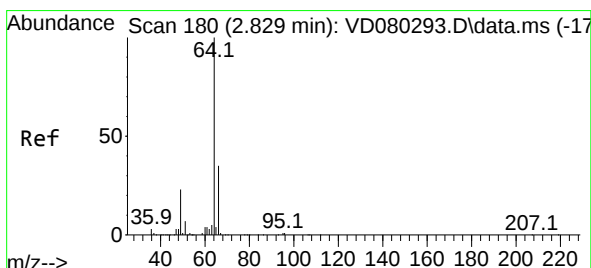
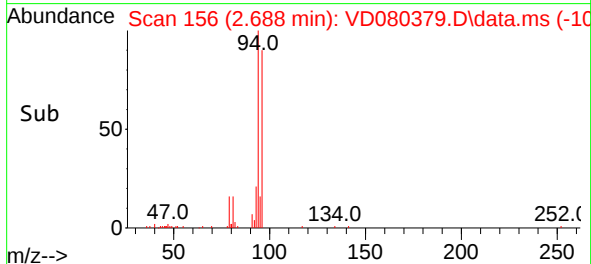
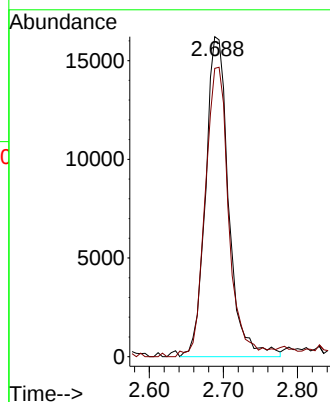
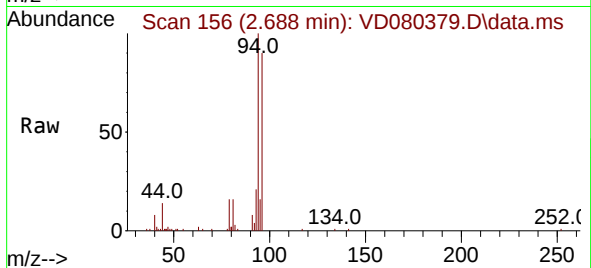




#5
Bromomethane
Concen: 15.992 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080379.D
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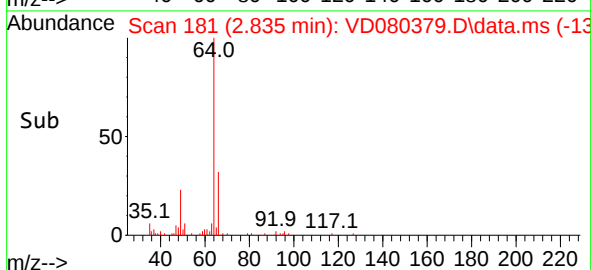
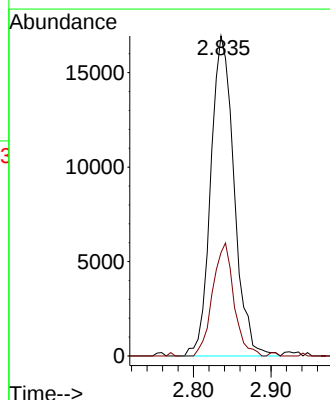
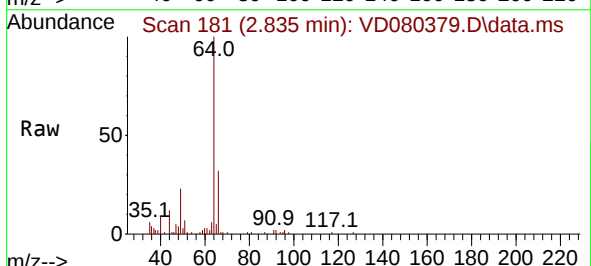
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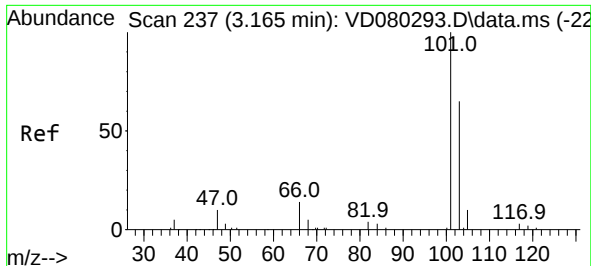
Tgt Ion: 94 Resp: 34988
Ion Ratio Lower Upper
94 100
96 92.4 76.2 114.2



#6
Chloroethane
Concen: 16.522 ug/l
RT: 2.835 min Scan# 181
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 64 Resp: 35507
Ion Ratio Lower Upper
64 100
66 32.3 27.6 41.4

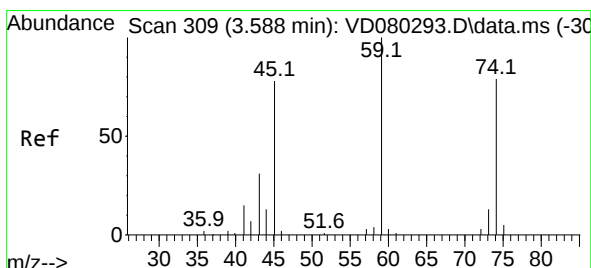
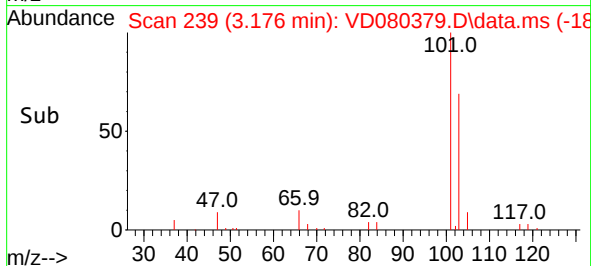
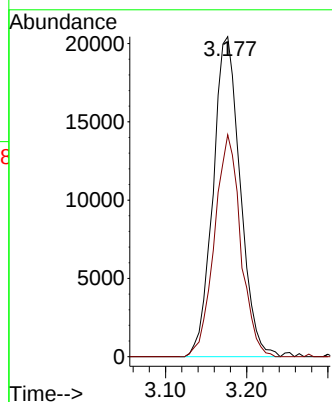
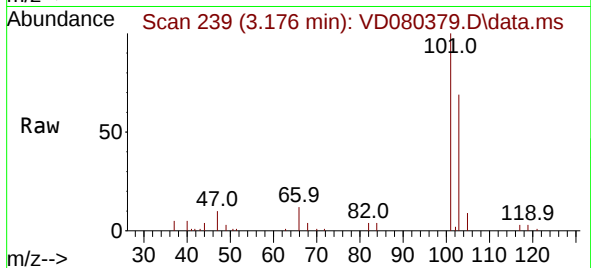




#7
Trichlorofluoromethane
Concen: 20.401 ug/l
RT: 3.176 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

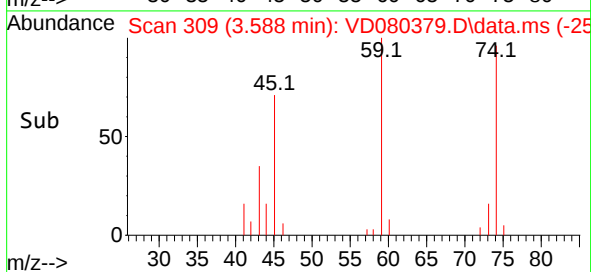
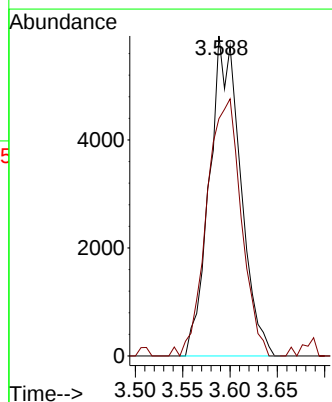
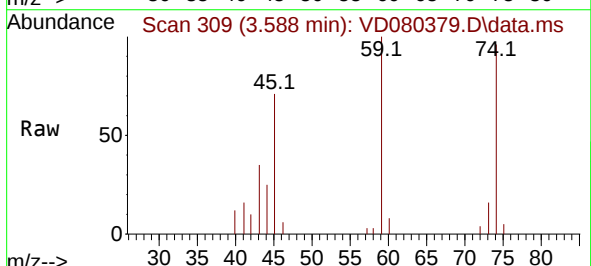
Instrument :
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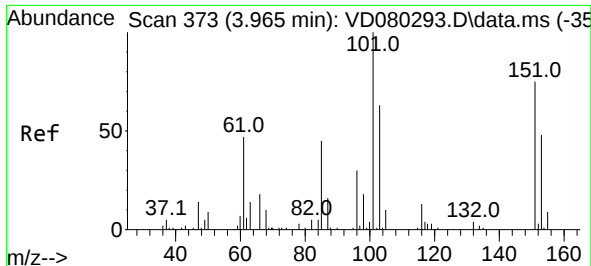
Tgt Ion:101 Resp: 47547
Ion Ratio Lower Upper
101 100
103 69.3 53.0 79.6



#8
Diethyl Ether
Concen: 18.815 ug/l
RT: 3.588 min Scan# 309
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 74 Resp: 13536
Ion Ratio Lower Upper
74 100
45 88.9 47.8 143.3

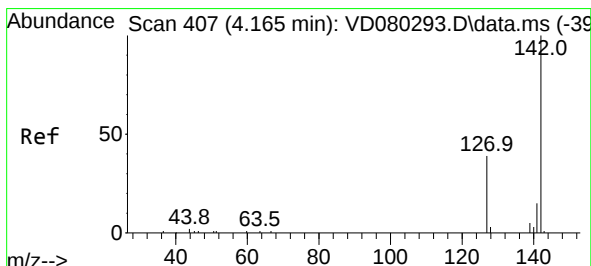
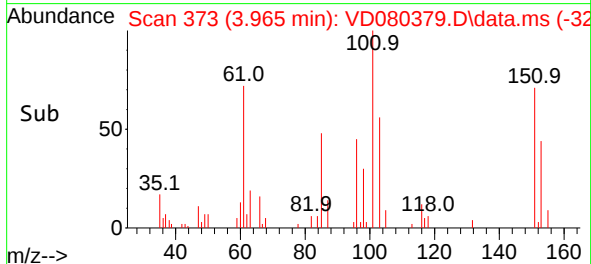
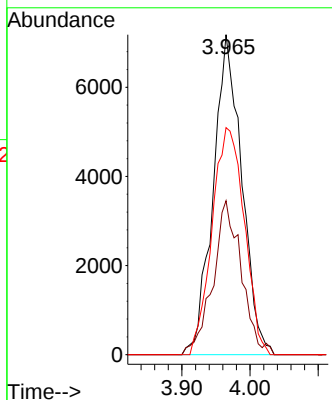
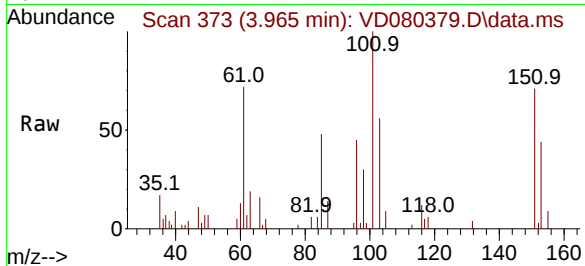




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.586 ug/l
 RT: 3.965 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

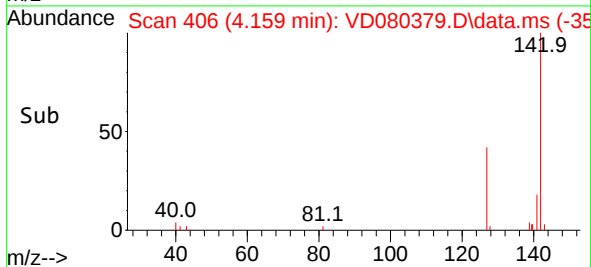
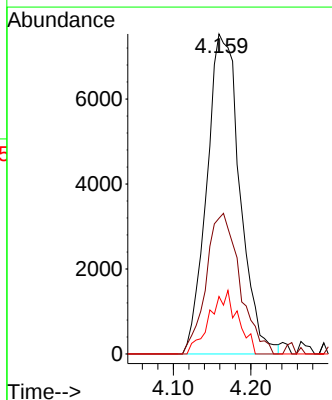
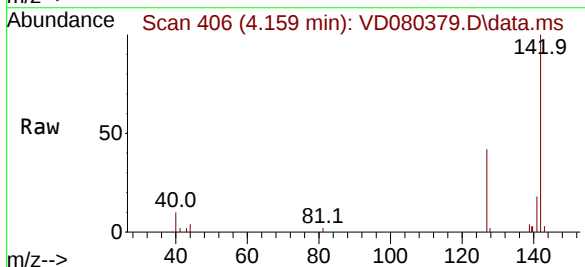
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS02

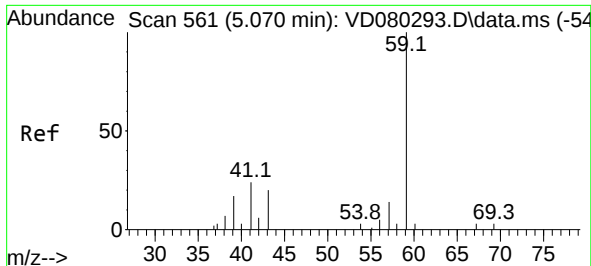
Tgt Ion:101	Resp:	20945
Ion Ratio	Lower	Upper
101	100	
85	48.0	35.3 52.9
151	80.1	60.3 90.5



#10
 Methyl Iodide
 Concen: 15.277 ug/l
 RT: 4.159 min Scan# 406
 Delta R.T. -0.005 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

Tgt Ion:142	Resp:	22363
Ion Ratio	Lower	Upper
142	100	
127	44.8	35.3 52.9
141	16.9	12.2 18.2





#11

Tert butyl alcohol

Concen: 58.661 ug/l

RT: 5.065 min Scan# 50

Delta R.T. 0.007 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

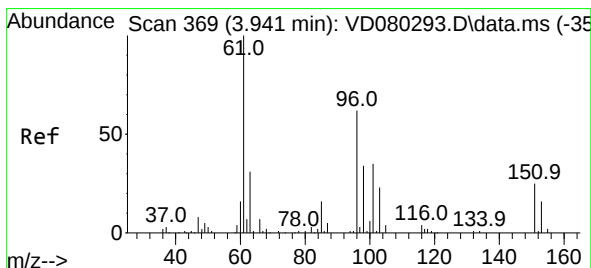
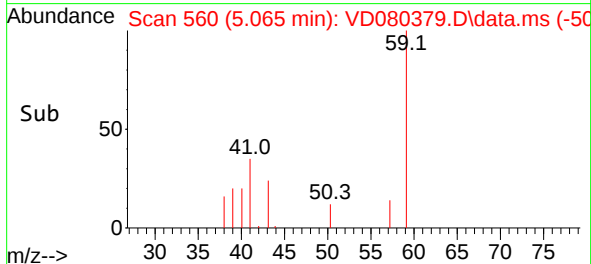
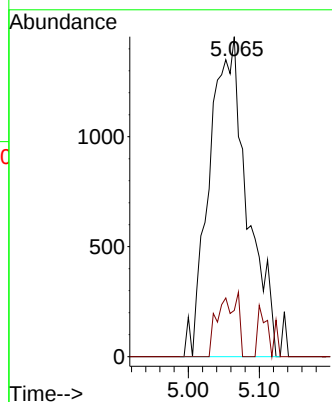
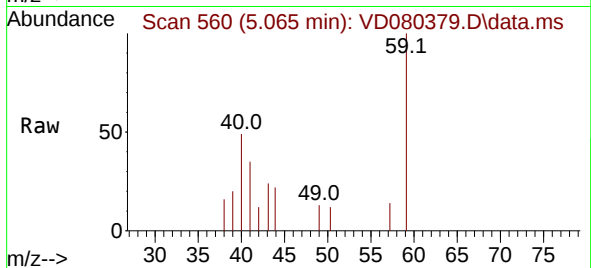
VD0516SBS02

Tgt Ion: 59 Resp: 5382

Ion Ratio Lower Upper

59 100

57 10.2 4.8 7.2#



#12

1,1-Dichloroethene

Concen: 13.876 ug/l

RT: 3.947 min Scan# 370

Delta R.T. 0.007 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

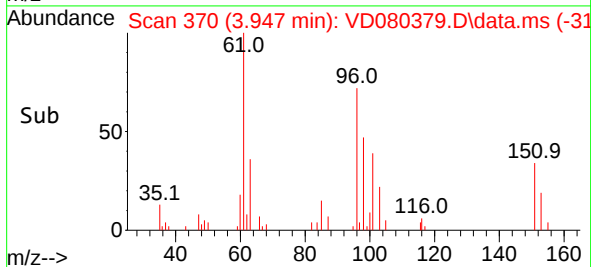
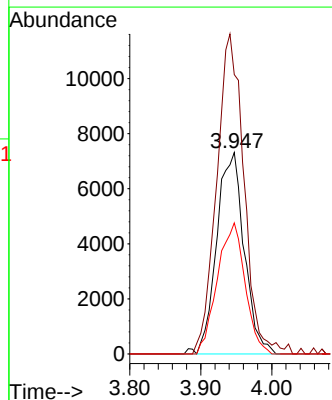
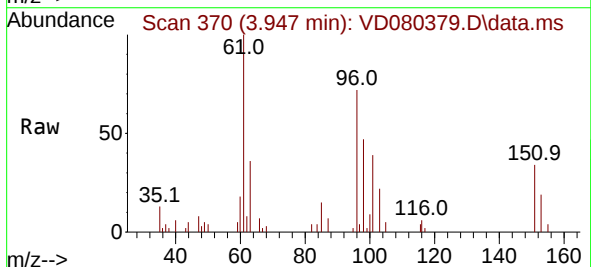
Tgt Ion: 96 Resp: 19645

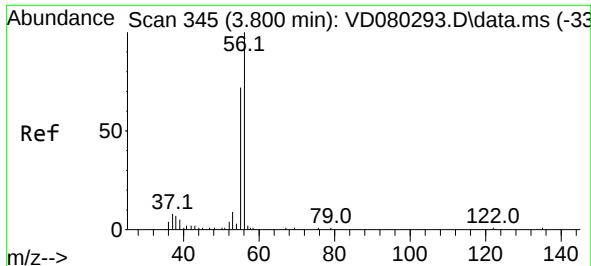
Ion Ratio Lower Upper

96 100

61 138.6 122.6 184.0

98 65.0 47.1 70.7

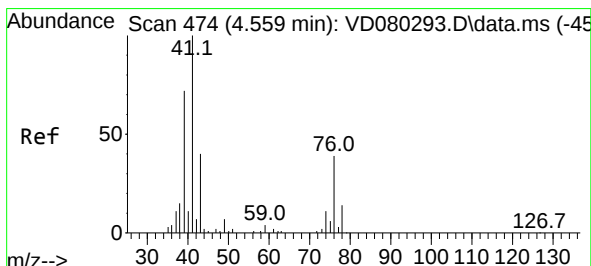
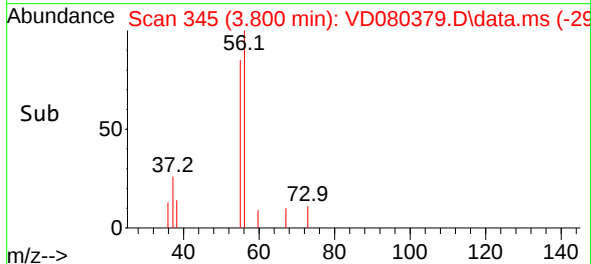
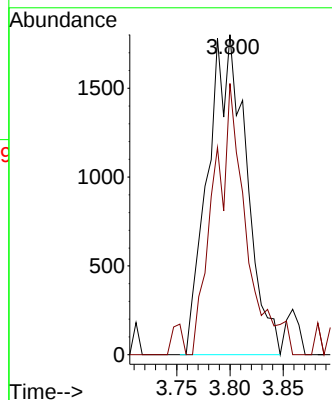
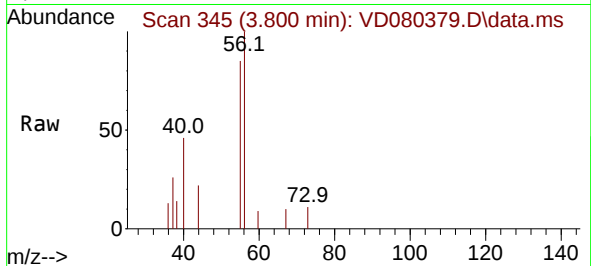




#13
Acrolein
Concen: 28.087 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.007 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

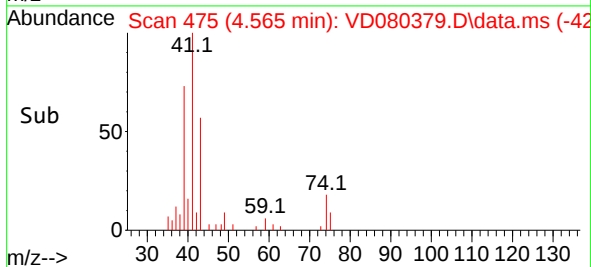
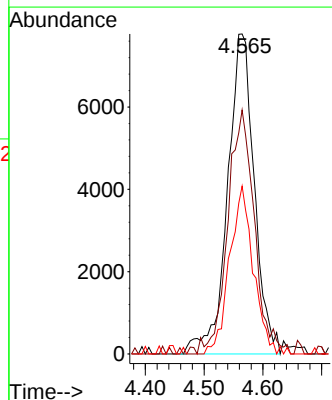
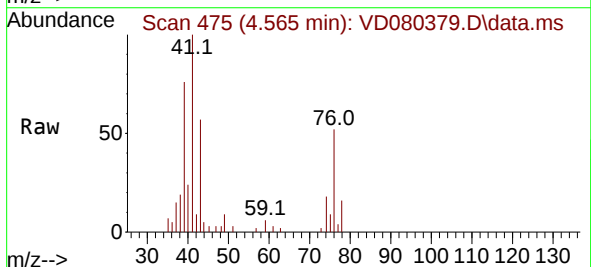
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS02

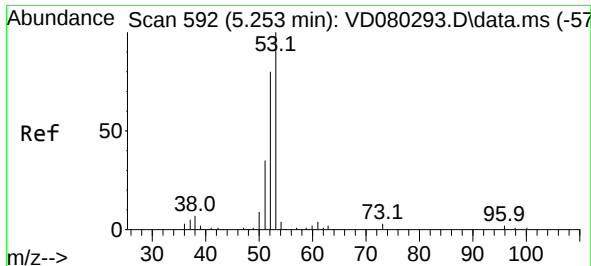
Tgt Ion: 56 Resp: 4534
Ion Ratio Lower Upper
56 100
55 70.8 58.2 87.2



#14
Allyl chloride
Concen: 11.049 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 41 Resp: 24600
Ion Ratio Lower Upper
41 100
39 76.4 53.3 79.9
76 46.9 32.0 48.0





#15

Acrylonitrile

Concen: 57.754 ug/l

RT: 5.247 min Scan# 591

Delta R.T. -0.005 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS02

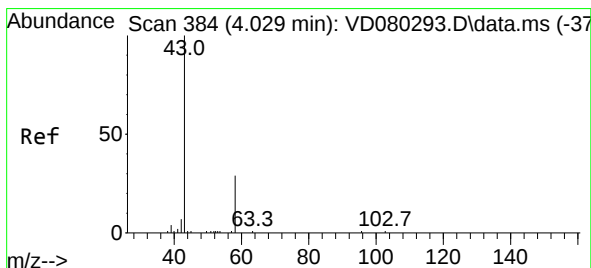
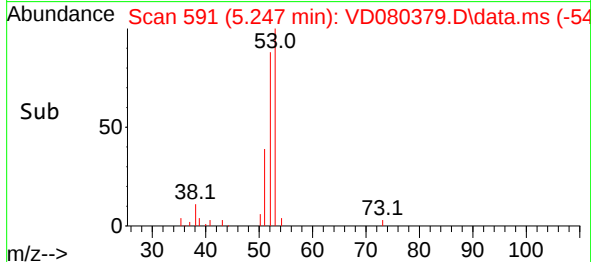
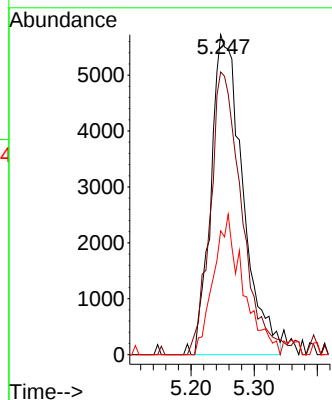
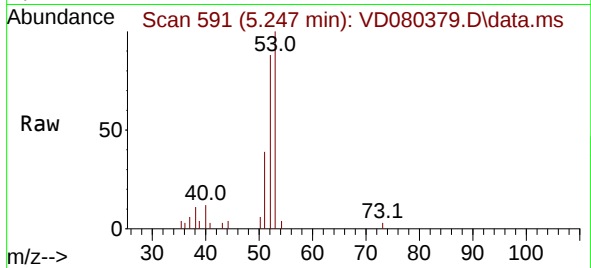
Tgt Ion: 53 Resp: 19976

Ion Ratio Lower Upper

53 100

52 88.0 66.2 99.4

51 41.2 30.3 45.5



#16

Acetone

Concen: 58.572 ug/l

RT: 4.024 min Scan# 383

Delta R.T. 0.001 min

Lab File: VD080379.D

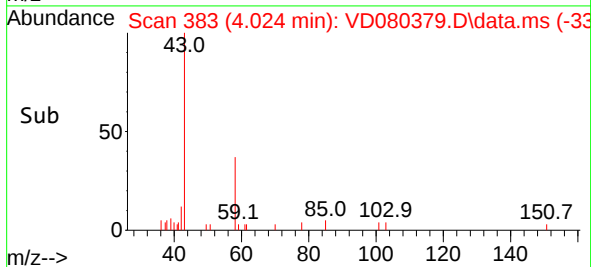
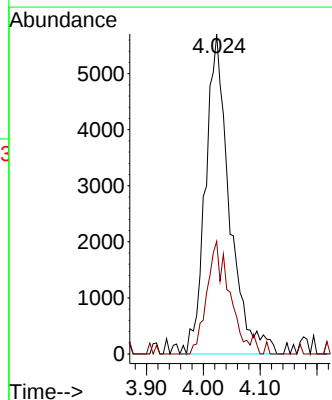
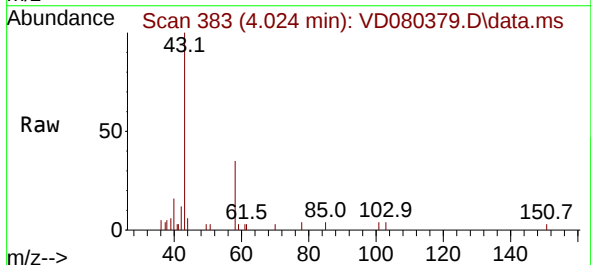
Acq: 16 May 2025 19:02

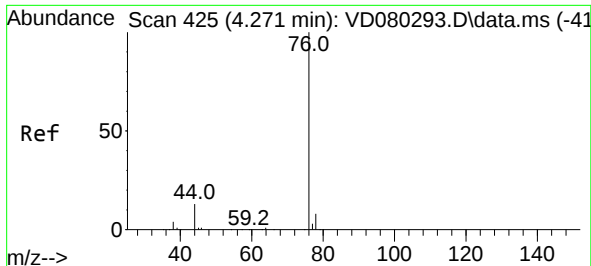
Tgt Ion: 43 Resp: 16742

Ion Ratio Lower Upper

43 100

58 35.2 25.4 38.2

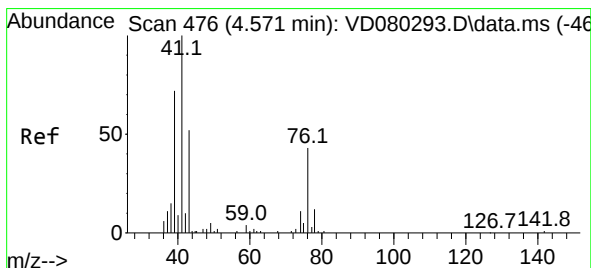
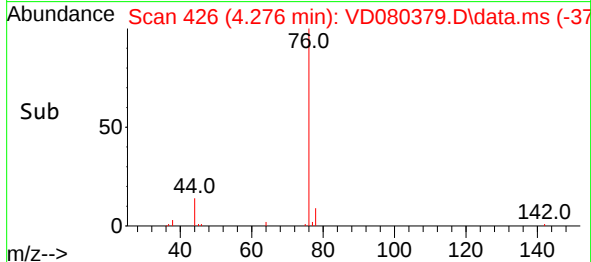
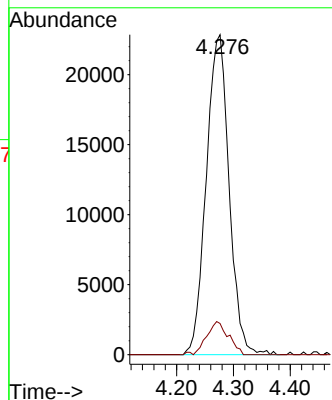
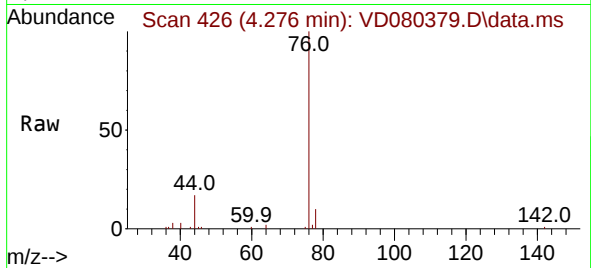




#17
Carbon Disulfide
Concen: 12.964 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

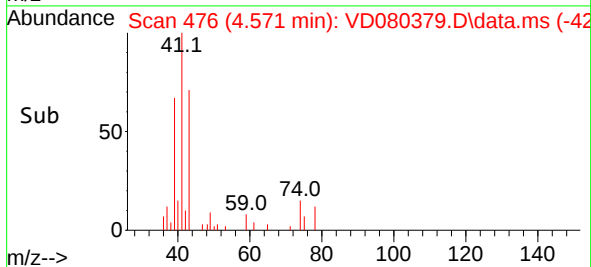
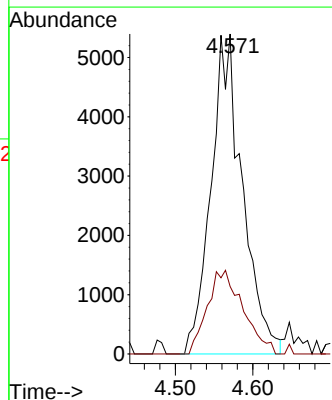
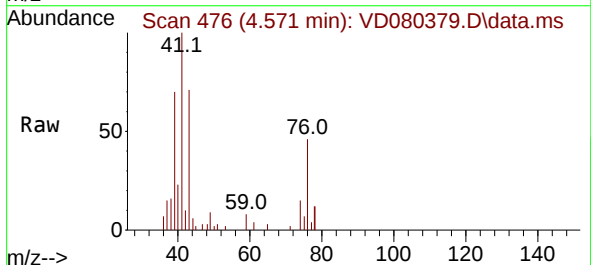
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS02

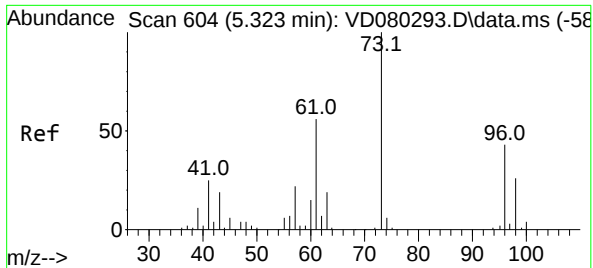
Tgt Ion: 76 Resp: 63732
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 15.569 ug/l
RT: 4.571 min Scan# 476
Delta R.T. 0.007 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 43 Resp: 15232
Ion Ratio Lower Upper
43 100
74 29.7 20.5 30.7

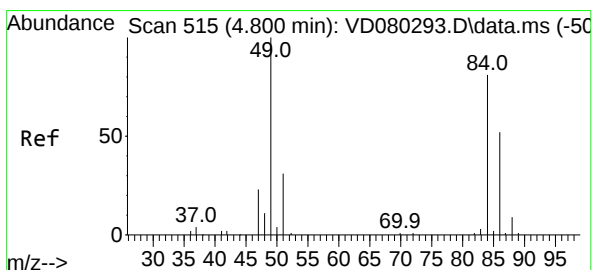
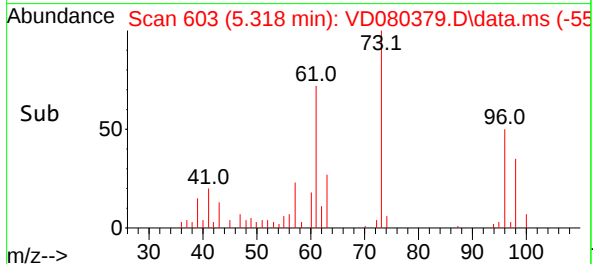
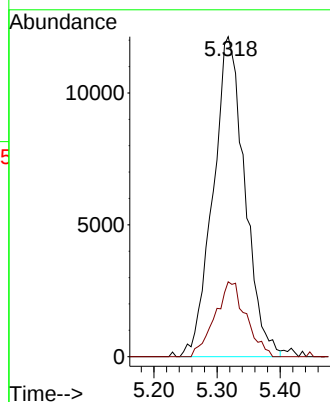
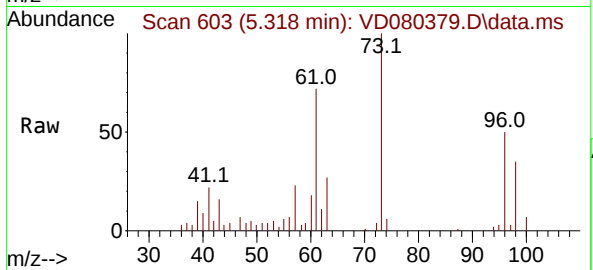




#19
Methyl tert-butyl Ether
Concen: 13.615 ug/l
RT: 5.318 min Scan# 604
Delta R.T. -0.004 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

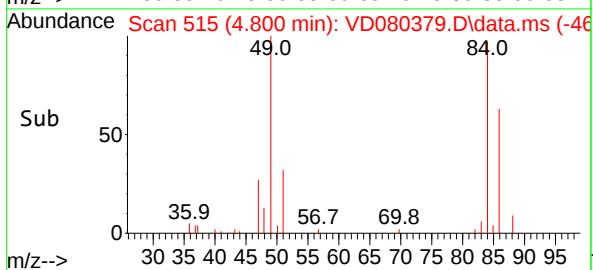
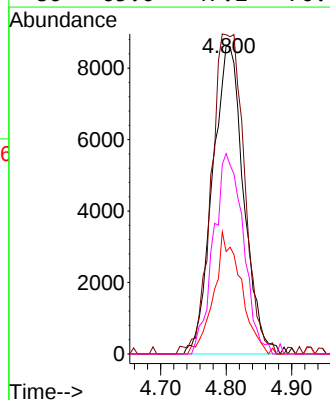
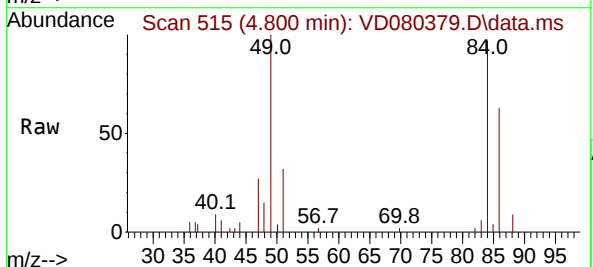
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

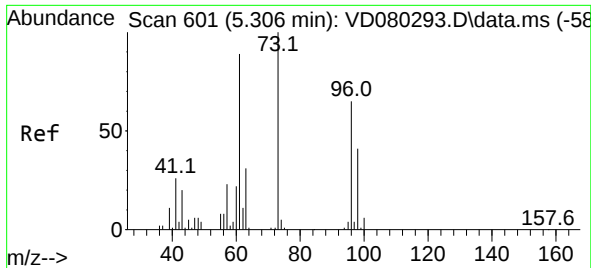
Tgt Ion: 73 Resp: 42343
Ion Ratio Lower Upper
73 100
57 23.4 18.8 28.2



#20
Methylene Chloride
Concen: 14.872 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 84 Resp: 28355
Ion Ratio Lower Upper
84 100
49 103.5 86.5 129.7
51 33.3 26.9 40.3
86 65.0 47.2 70.8

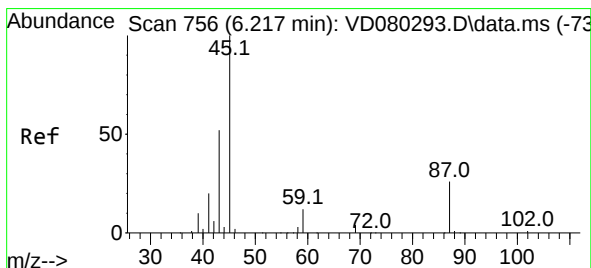
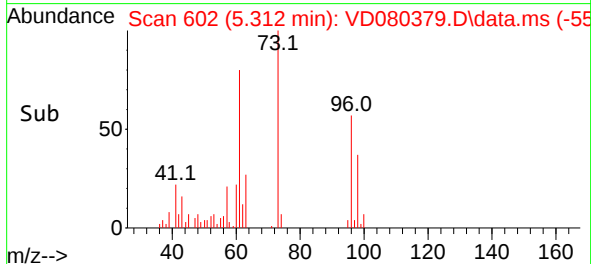
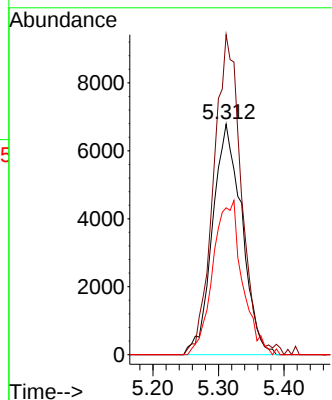
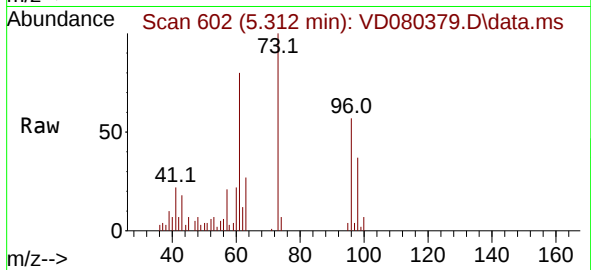




#21
trans-1,2-Dichloroethene
Concen: 13.691 ug/l
RT: 5.312 min Scan# 601
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

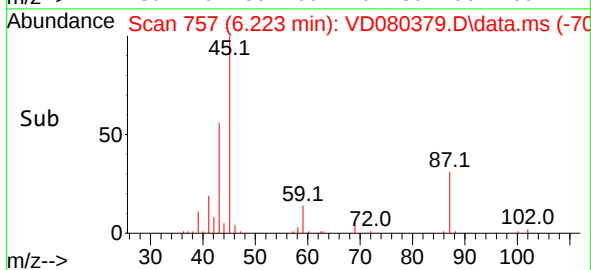
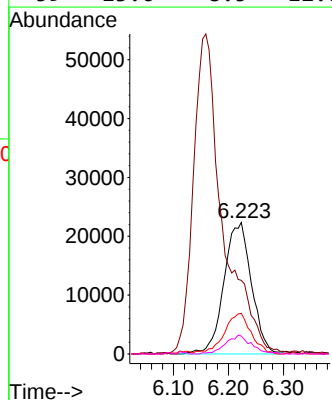
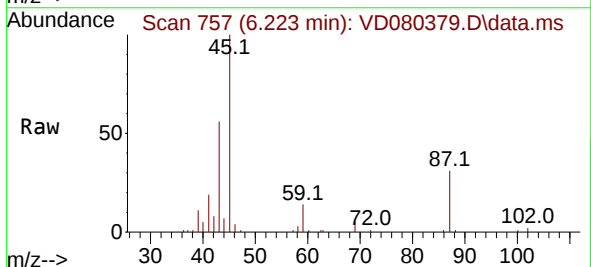
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS02

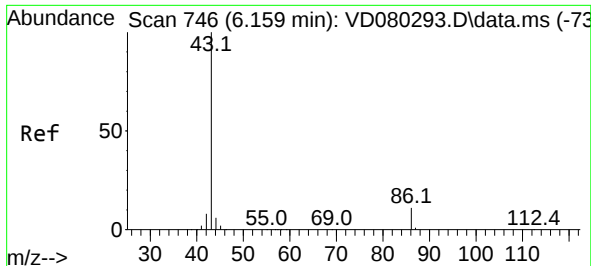
Tgt Ion: 96 Resp: 21056
Ion Ratio Lower Upper
96 100
61 138.8 109.4 164.0
98 63.7 49.8 74.8



#22
Diisopropyl ether
Concen: 16.923 ug/l
RT: 6.223 min Scan# 757
Delta R.T. 0.007 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 45 Resp: 77616
Ion Ratio Lower Upper
45 100
43 54.0 42.6 63.8
87 30.9 22.7 34.1
59 13.6 8.5 12.7#

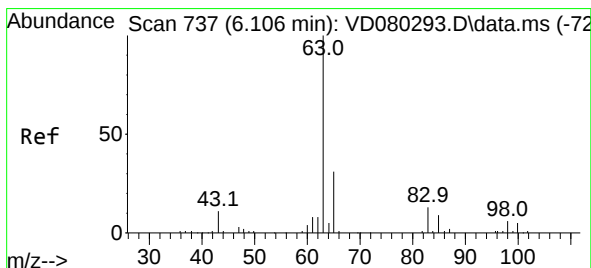
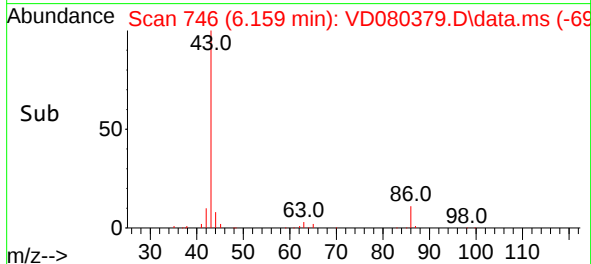
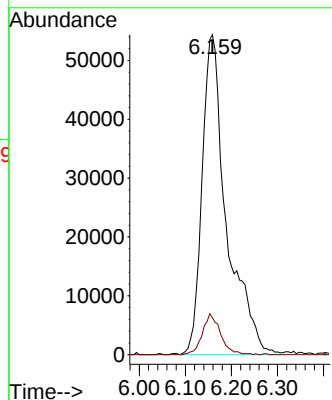
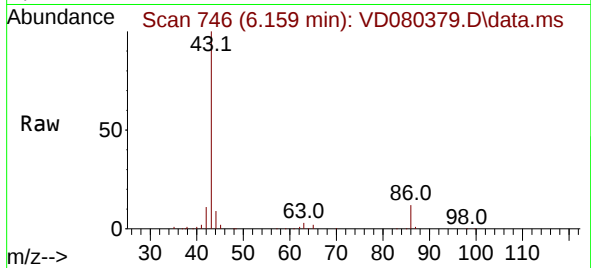




#23
 Vinyl Acetate
 Concen: 75.446 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

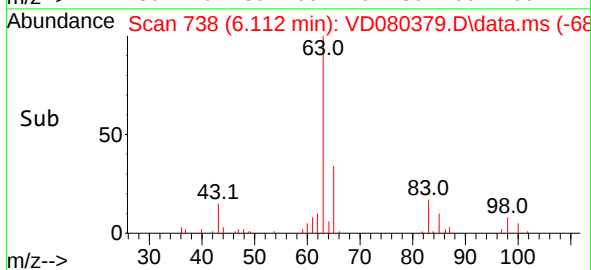
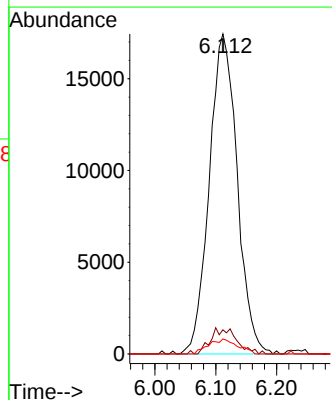
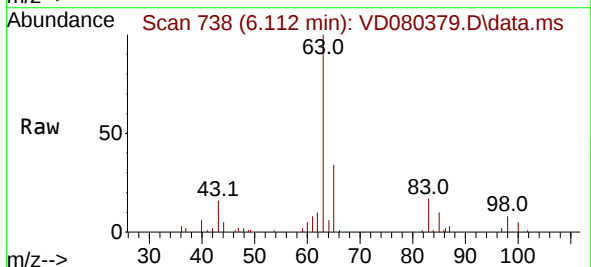
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS02

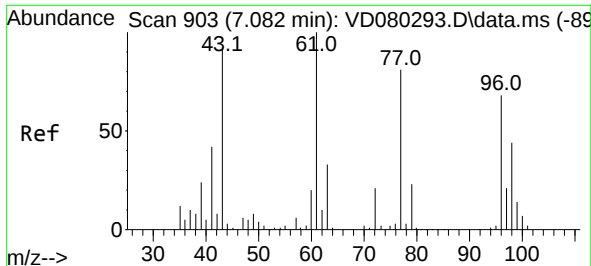
Tgt Ion: 43 Resp: 201537
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.255 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. -0.005 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

Tgt Ion: 63 Resp: 55573
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.7 2.1 6.5

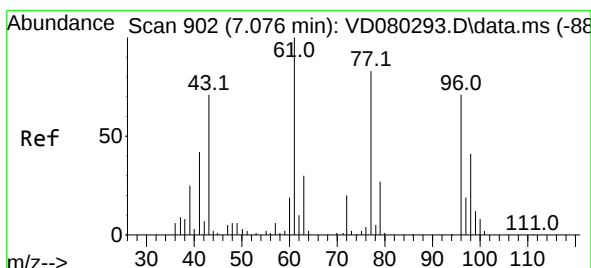
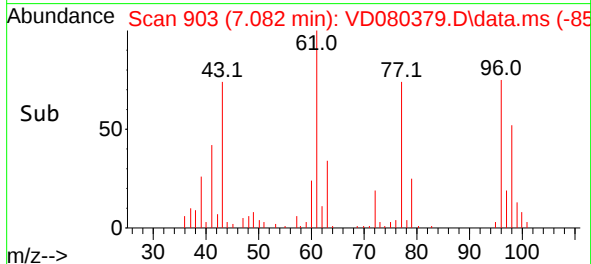
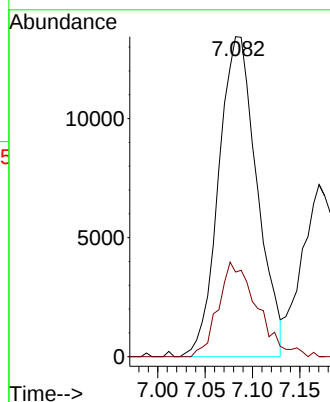
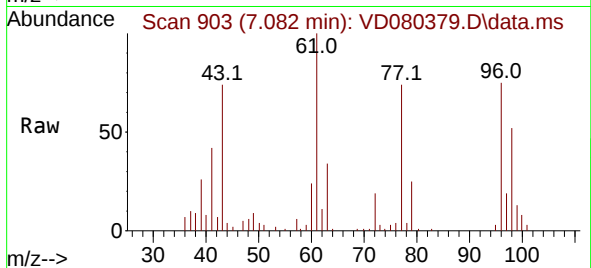




#25
2-Butanone
Concen: 91.053 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

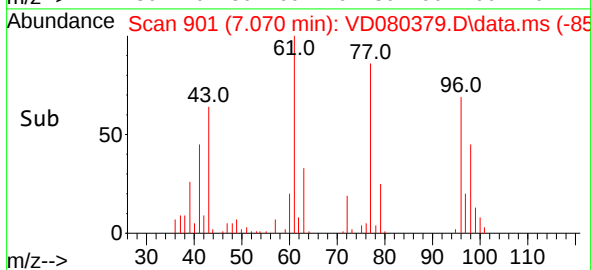
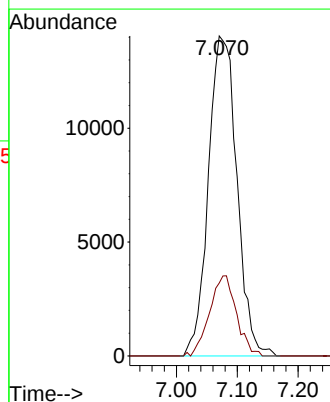
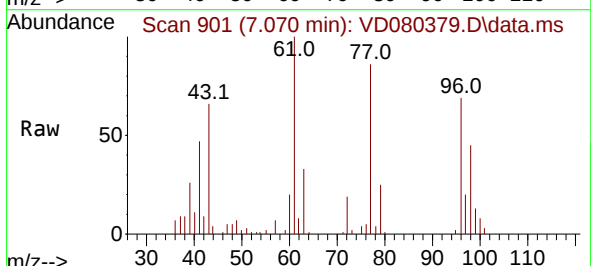
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS02

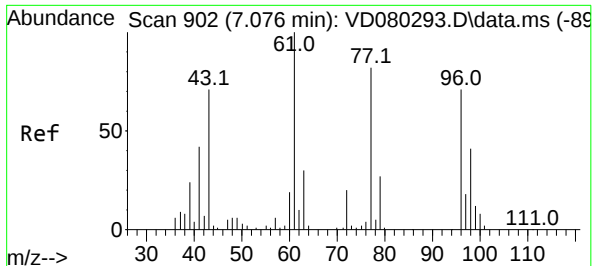
Tgt Ion: 43 Resp: 37879
Ion Ratio Lower Upper
43 100
72 26.5 22.3 33.5



#26
2,2-Dichloropropane
Concen: 19.892 ug/l
RT: 7.070 min Scan# 901
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 77 Resp: 45684
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.9



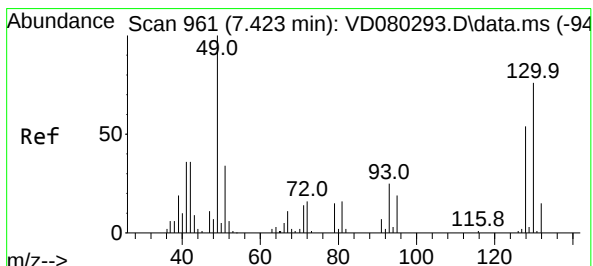
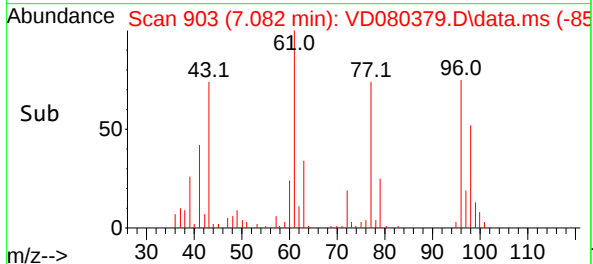
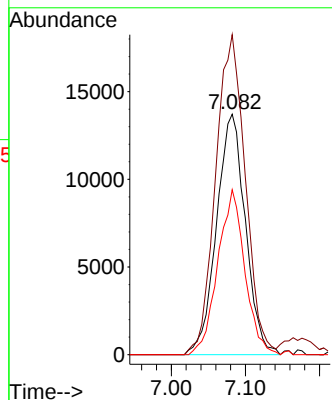
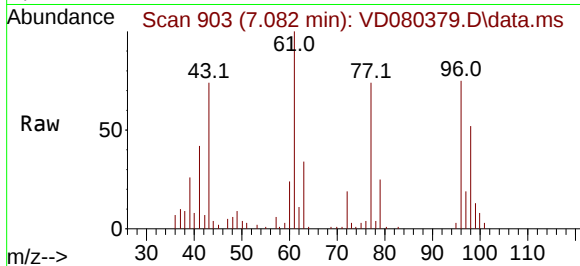


#27
 cis-1,2-Dichloroethene
 Concen: 21.773 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.001 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS02

Tgt Ion: 96 Resp: 37100

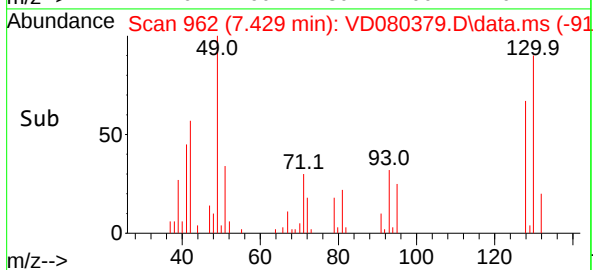
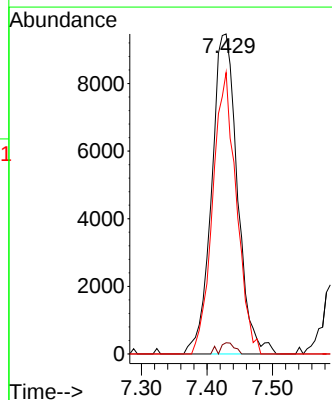
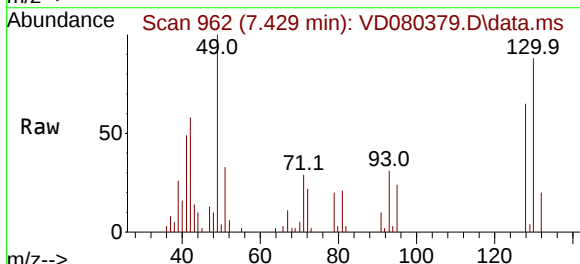
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	278.2
98	64.3	0.0	127.8

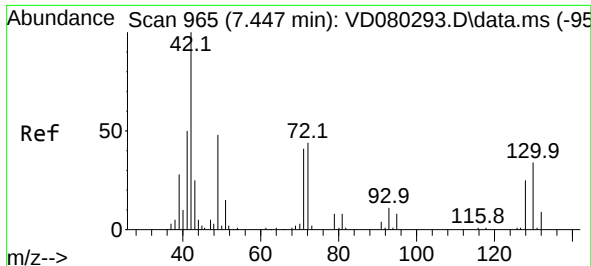


#28
 Bromochloromethane
 Concen: 19.275 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.001 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

Tgt Ion: 49 Resp: 25902

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	80.6	64.6	97.0





#29

Tetrahydrofuran

Concen: 97.093 ug/l

RT: 7.453 min Scan# 9

Delta R.T. 0.007 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD02

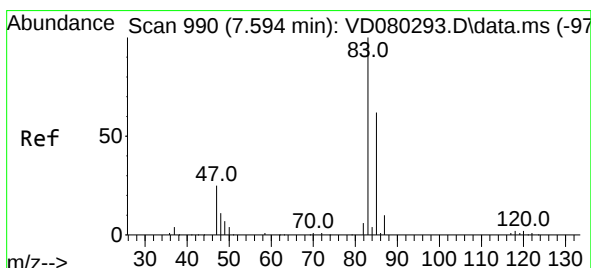
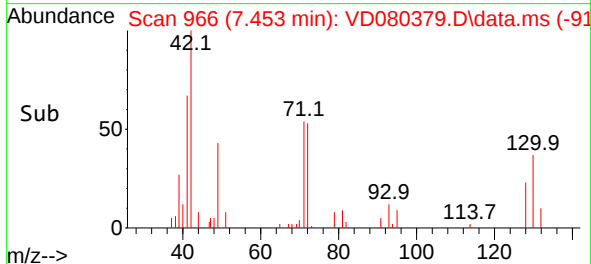
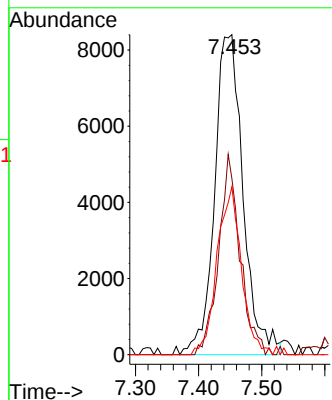
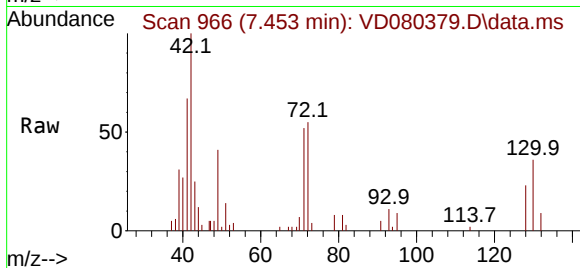
Tgt Ion: 42 Resp: 26336

Ion Ratio Lower Upper

42 100

72 47.2 36.7 55.1

71 44.9 34.4 51.6



#30

Chloroform

Concen: 21.870 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080379.D

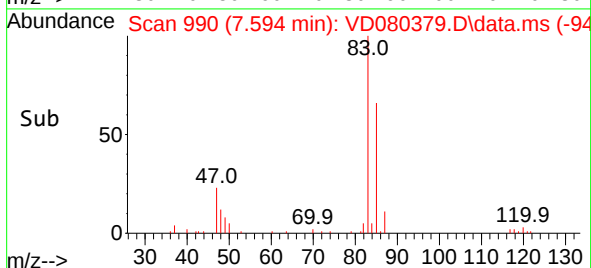
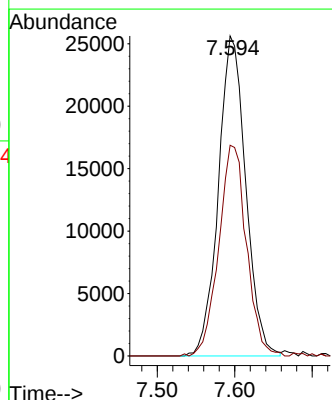
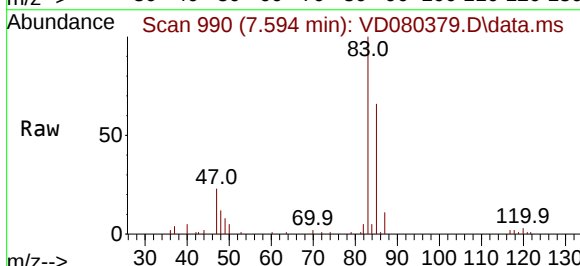
Acq: 16 May 2025 19:02

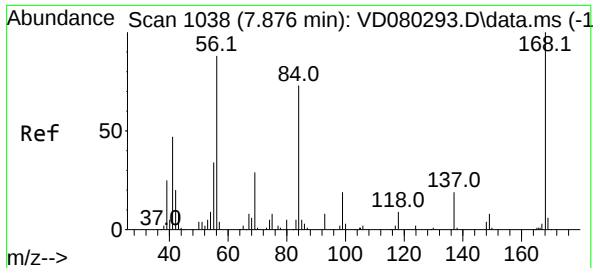
Tgt Ion: 83 Resp: 62945

Ion Ratio Lower Upper

83 100

85 65.9 50.8 76.2

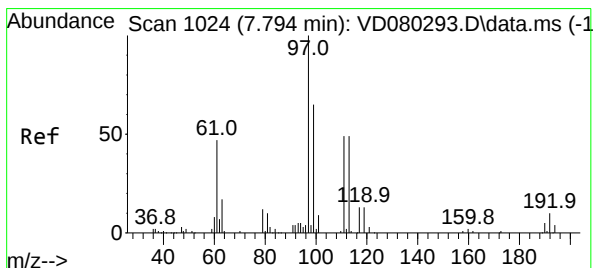
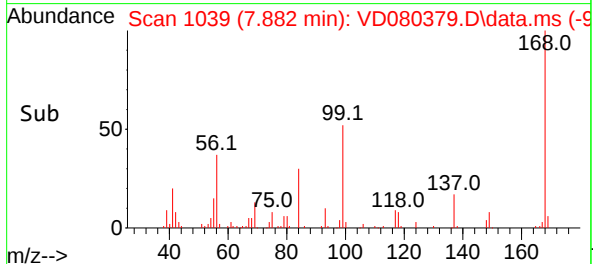
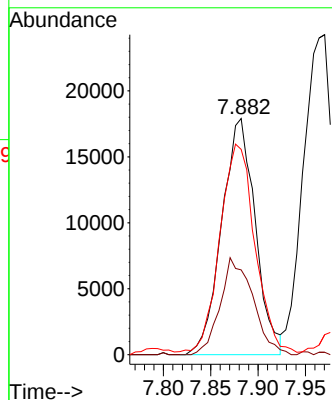
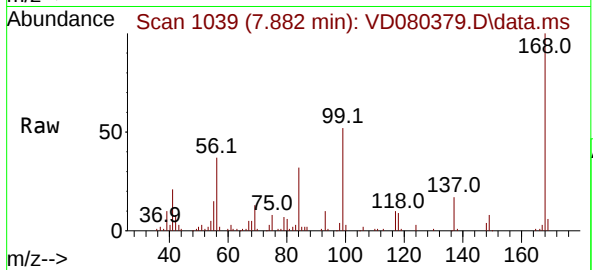




#31
Cyclohexane
Concen: 17.992 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

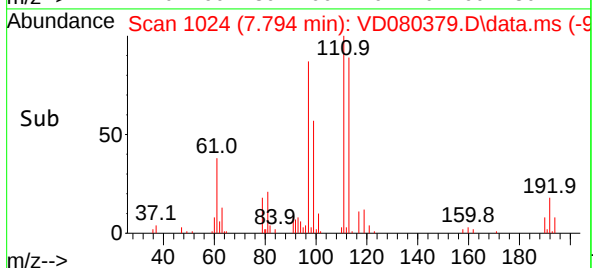
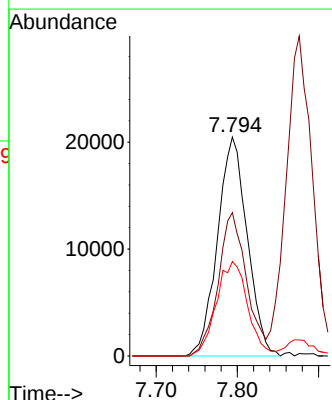
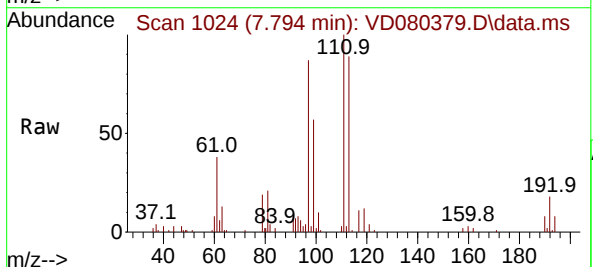
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

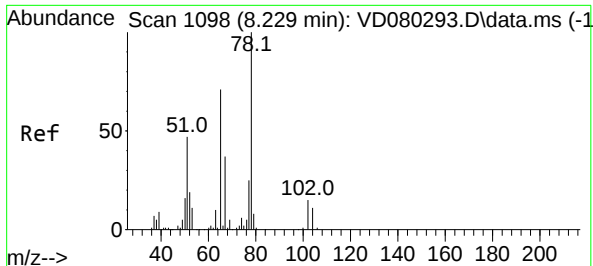
Tgt Ion: 56 Resp: 44195
Ion Ratio Lower Upper
56 100
69 35.9 27.3 40.9
84 85.6 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 22.223 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 97 Resp: 52182
Ion Ratio Lower Upper
97 100
99 62.7 50.7 76.1
61 45.4 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.129 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

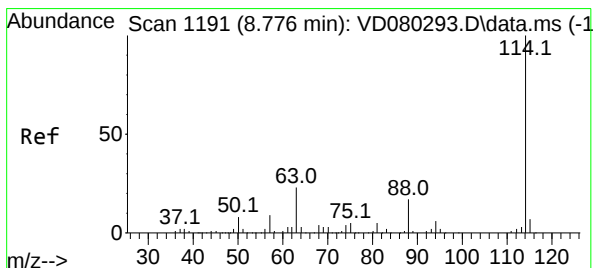
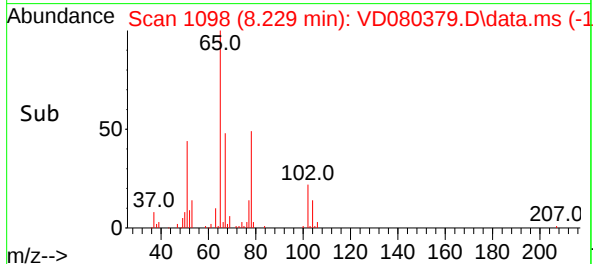
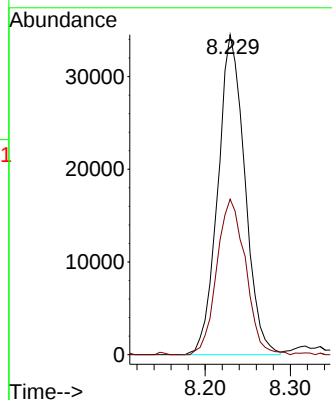
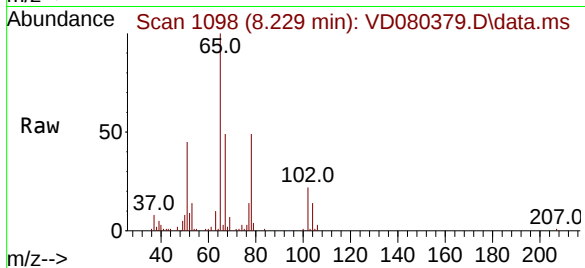
VD0516SBS02

Tgt Ion: 65 Resp: 75793

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

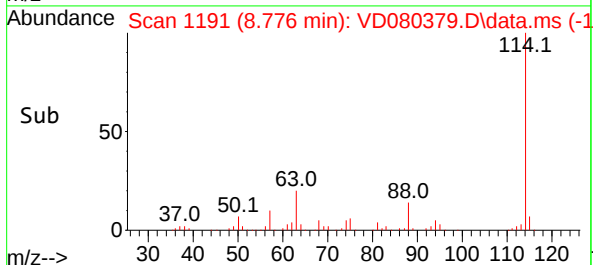
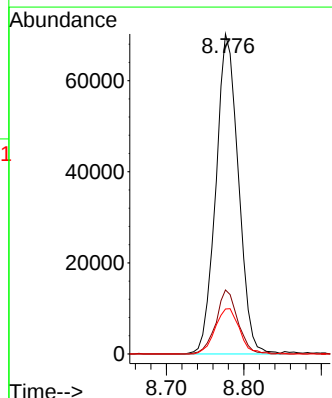
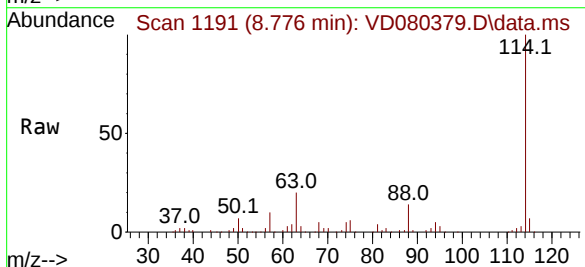
Tgt Ion: 114 Resp: 141813

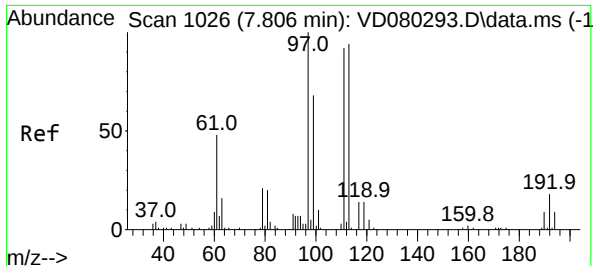
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 76.141 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD02

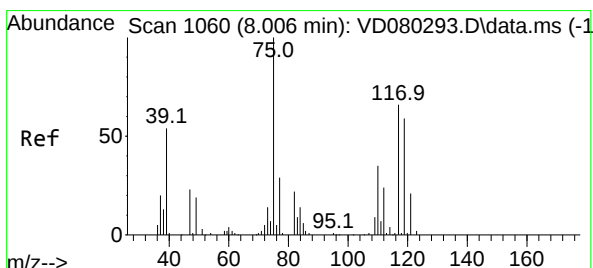
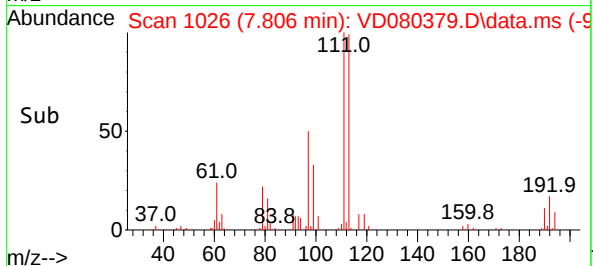
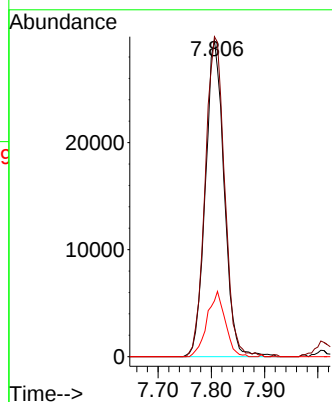
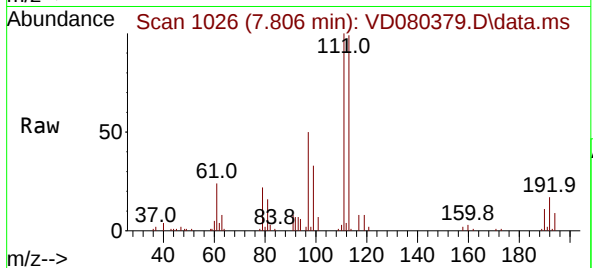
Tgt Ion:113 Resp: 72371

Ion Ratio Lower Upper

113 100

111 104.4 82.5 123.7

192 20.0 16.6 25.0



#36

1,1-Dichloropropene

Concen: 28.034 ug/l

RT: 8.012 min Scan# 1061

Delta R.T. 0.007 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

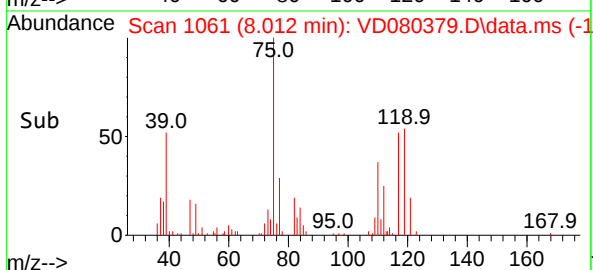
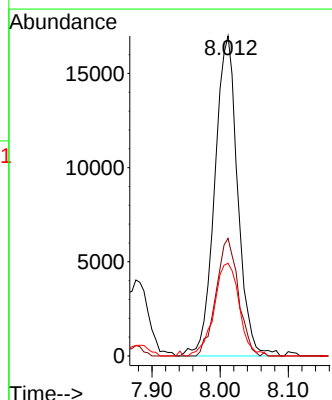
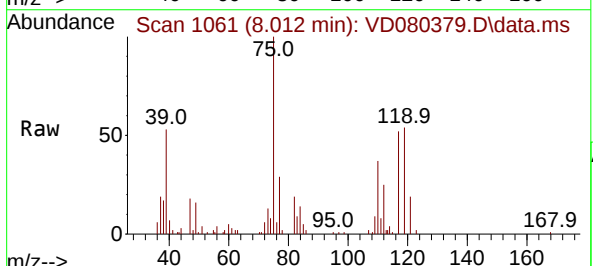
Tgt Ion: 75 Resp: 39823

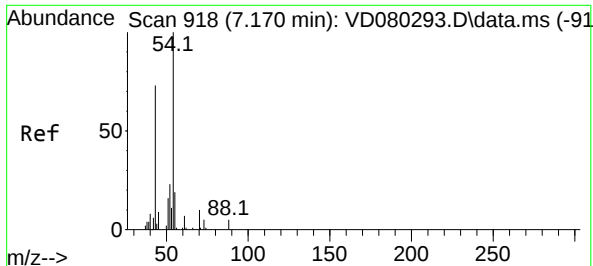
Ion Ratio Lower Upper

75 100

110 35.8 18.4 55.0

77 31.8 25.6 38.4





#37

Ethyl Acetate

Concen: 26.322 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

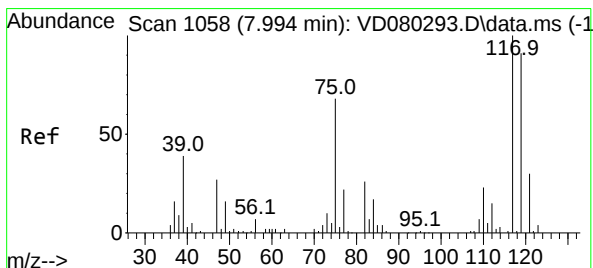
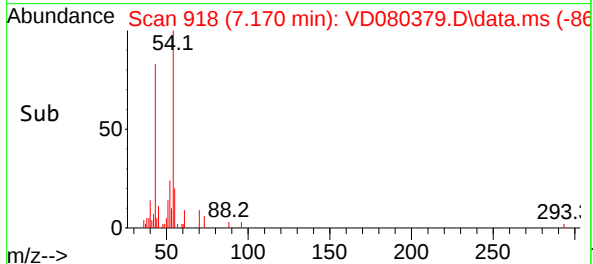
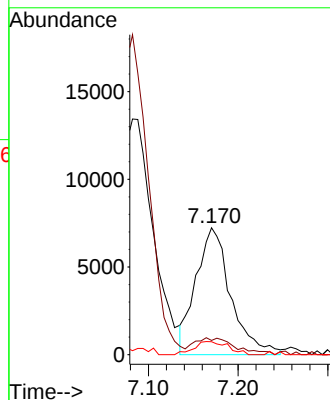
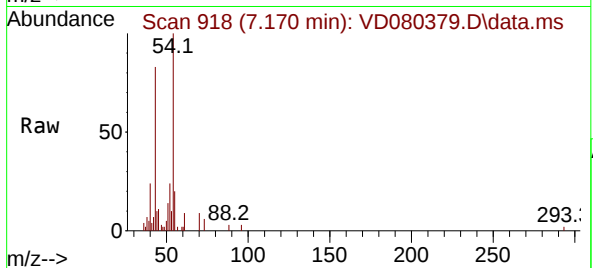
MSVOA_D

ClientSampleId :

VD0516SBS02

Tgt Ion: 43 Resp: 19552

Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.0	16.4
70	10.1	9.4	14.2



#38

Carbon Tetrachloride

Concen: 29.627 ug/l

RT: 7.988 min Scan# 1057

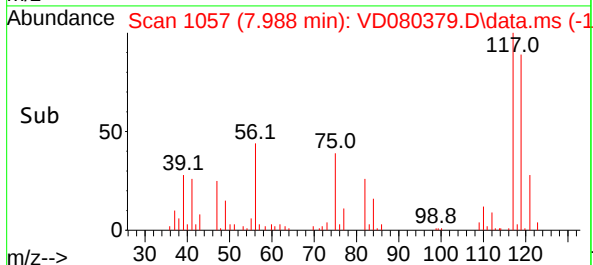
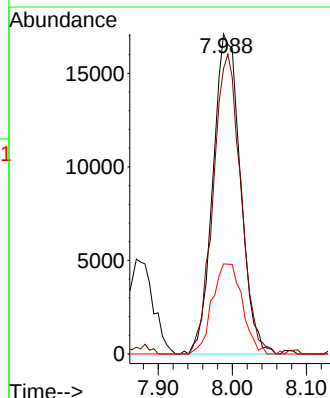
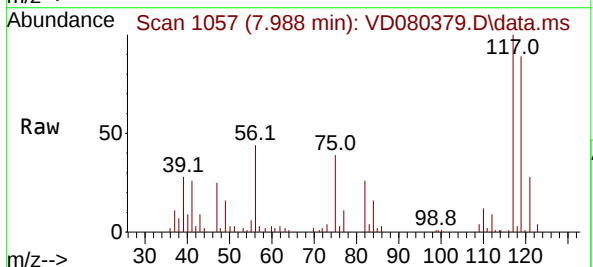
Delta R.T. 0.001 min

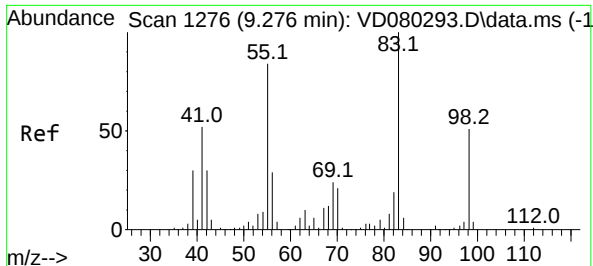
Lab File: VD080379.D

Acq: 16 May 2025 19:02

Tgt Ion: 117 Resp: 43891

Ion	Ratio	Lower	Upper
117	100		
119	89.2	73.4	110.0
121	28.2	24.5	36.7





#39

Methylcyclohexane

Concen: 16.593 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS02

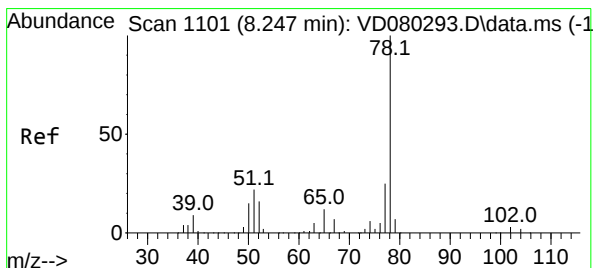
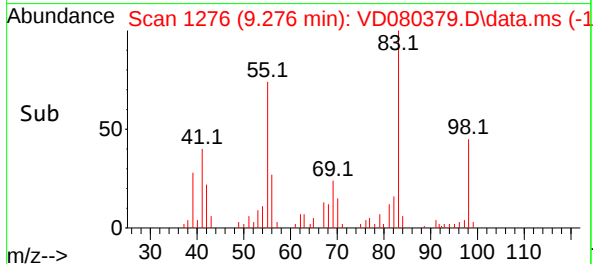
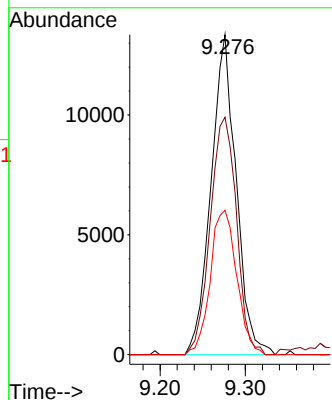
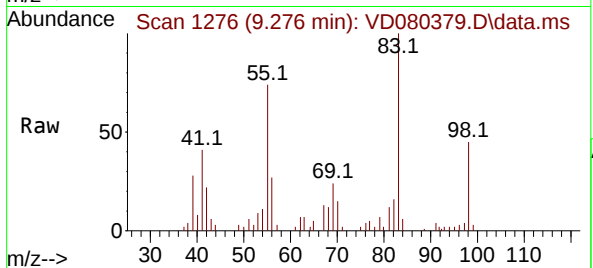
Tgt Ion: 83 Resp: 27352

Ion Ratio Lower Upper

83 100

55 74.2 62.0 93.0

98 45.2 38.7 58.1



#40

Benzene

Concen: 28.217 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080379.D

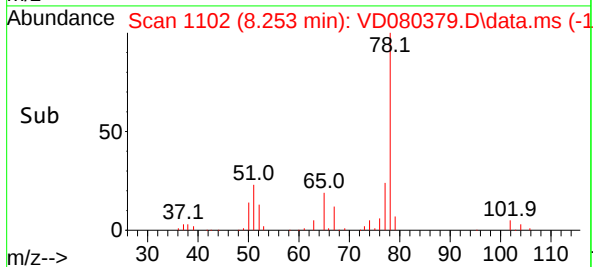
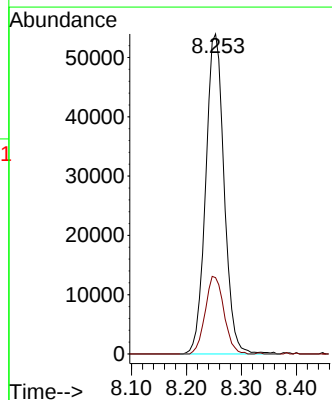
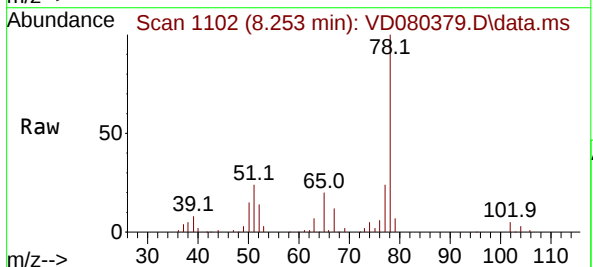
Acq: 16 May 2025 19:02

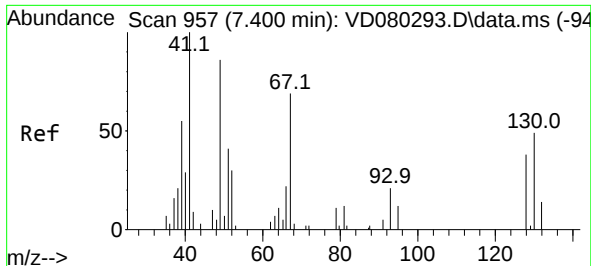
Tgt Ion: 78 Resp: 125591

Ion Ratio Lower Upper

78 100

77 23.9 20.2 30.4

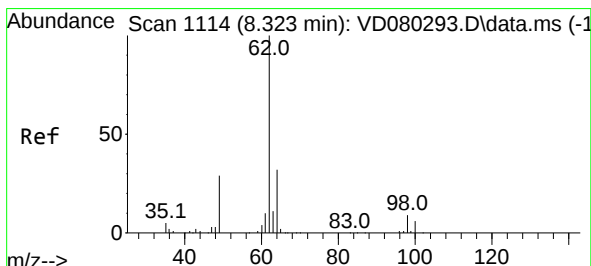
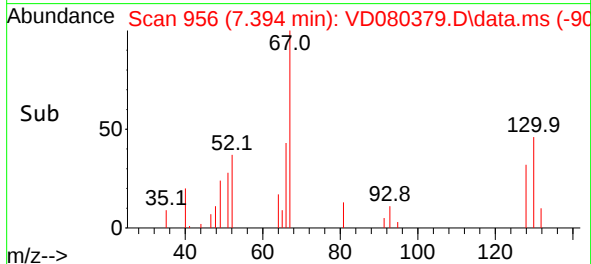
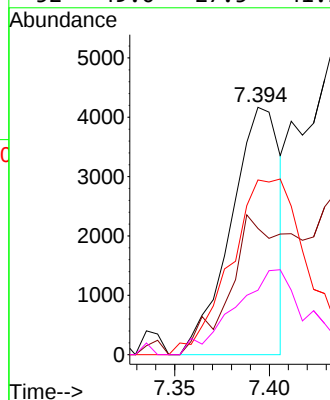
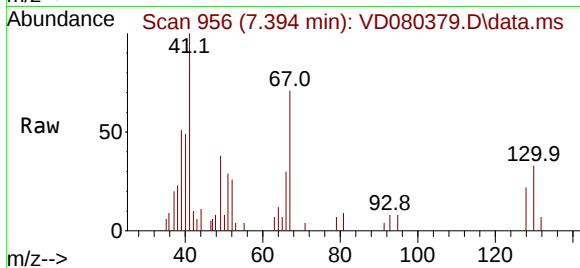




#41
Methacrylonitrile
Concen: 18.335 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

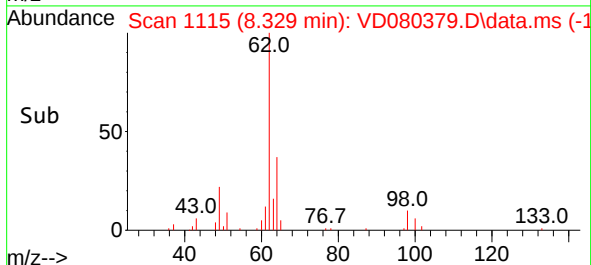
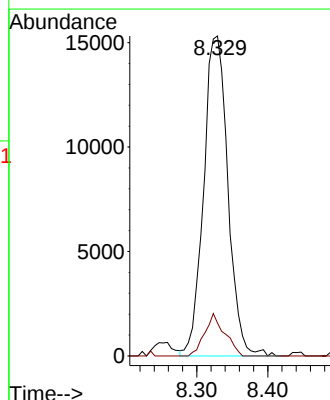
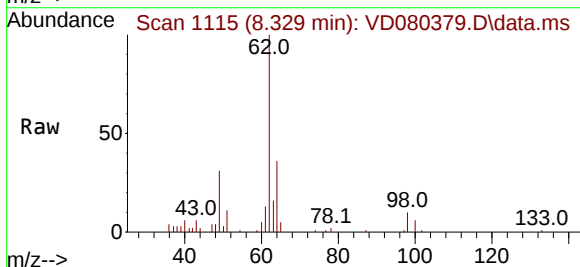
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS02

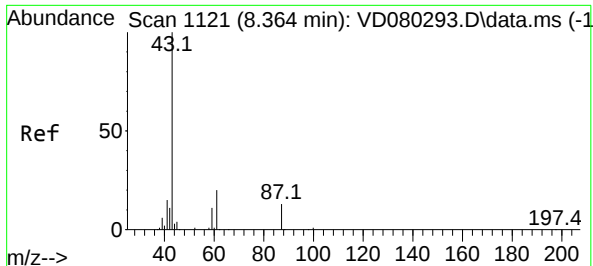
Tgt Ion: 41 Resp: 7537
Ion Ratio Lower Upper
41 100
39 74.2 47.8 71.8#
67 112.9 64.9 97.3#
52 49.0 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 28.223 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 62 Resp: 36400
Ion Ratio Lower Upper
62 100
98 10.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 24.540 ug/l

RT: 8.364 min Scan# 1121

Delta R.T. 0.006 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS02

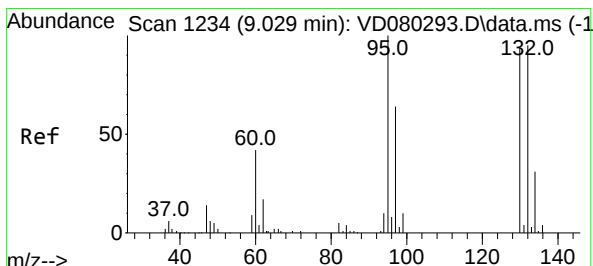
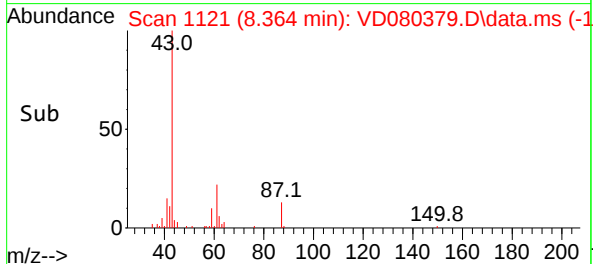
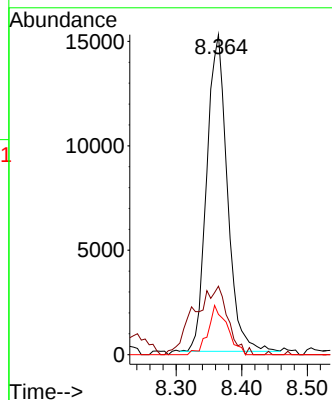
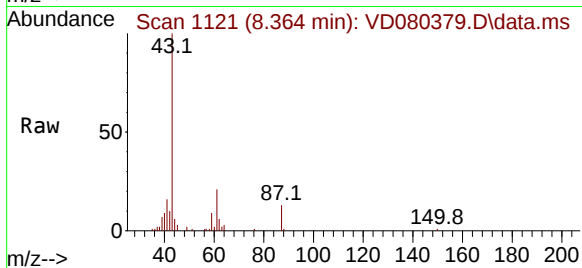
Tgt Ion: 43 Resp: 33054

Ion Ratio Lower Upper

43 100

61 35.4 26.2 39.2

87 14.5 11.8 17.8



#44

Trichloroethene

Concen: 20.350 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.001 min

Lab File: VD080379.D

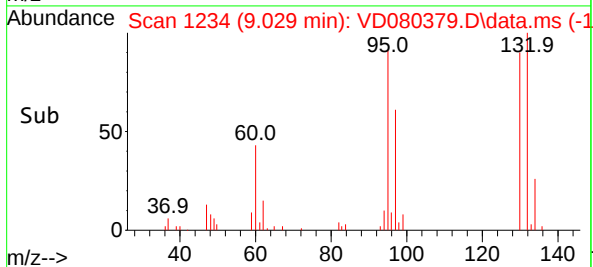
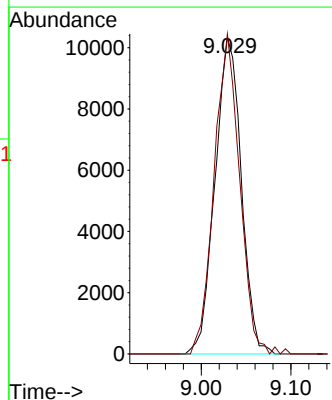
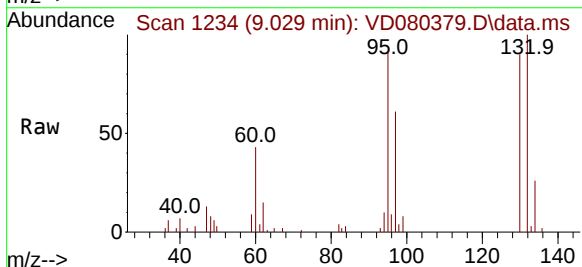
Acq: 16 May 2025 19:02

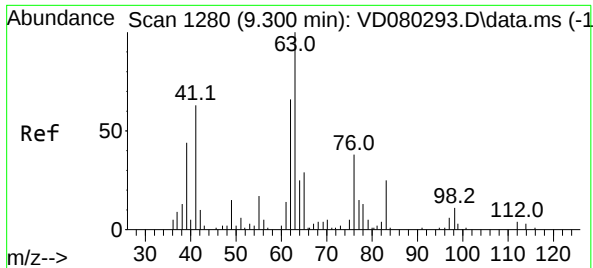
Tgt Ion:130 Resp: 21026

Ion Ratio Lower Upper

130 100

95 101.1 0.0 194.6





#45

1,2-Dichloropropane

Concen: 18.644 ug/l

RT: 9.306 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

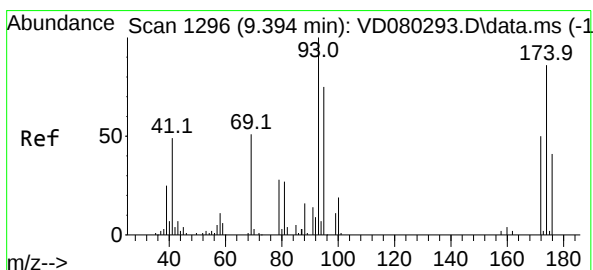
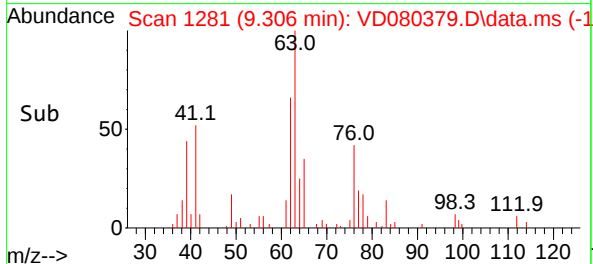
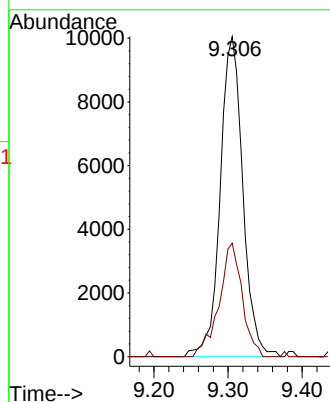
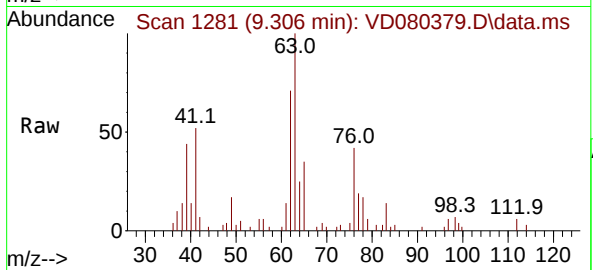
VD0516SBS02

Tgt Ion: 63 Resp: 21282

Ion Ratio Lower Upper

63 100

65 35.5 26.2 39.4



#46

Dibromomethane

Concen: 20.582 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

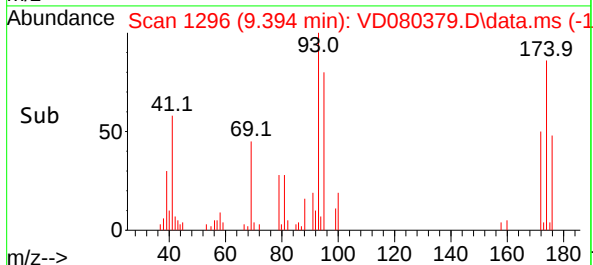
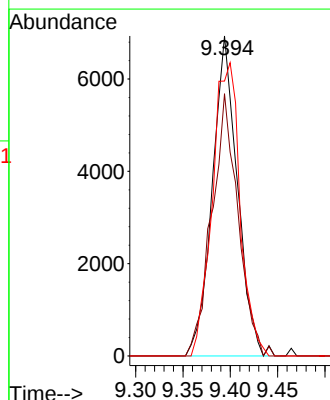
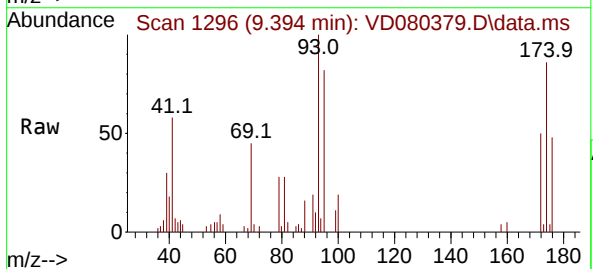
Tgt Ion: 93 Resp: 12792

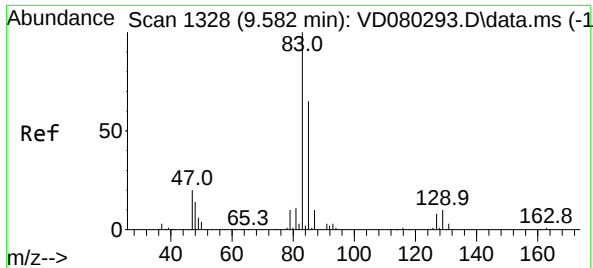
Ion Ratio Lower Upper

93 100

95 85.8 67.9 101.9

174 101.2 80.5 120.7

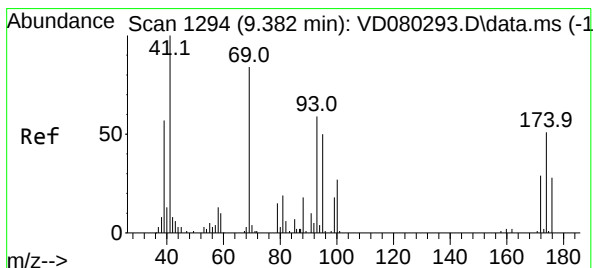
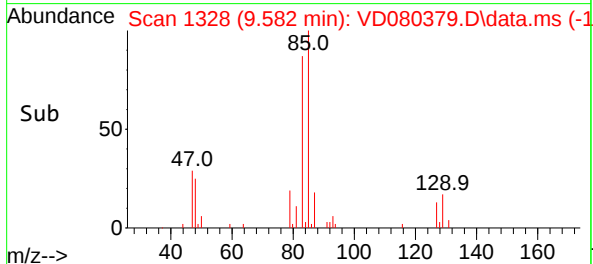
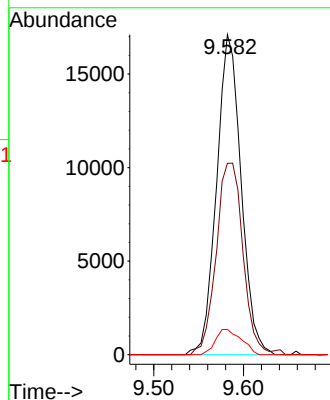
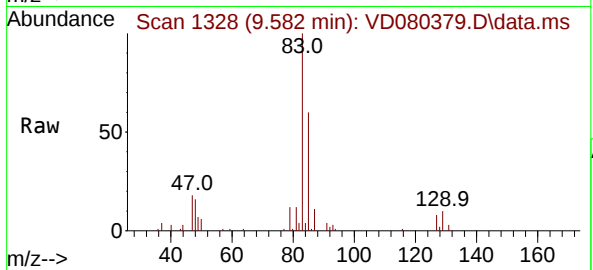




#47
Bromodichloromethane
Concen: 20.548 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

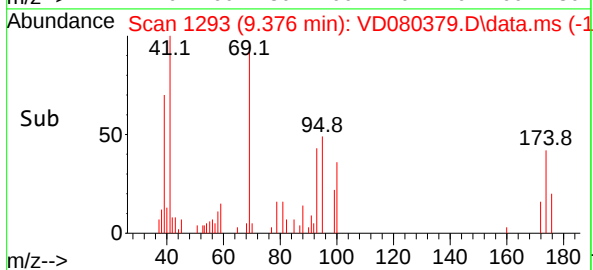
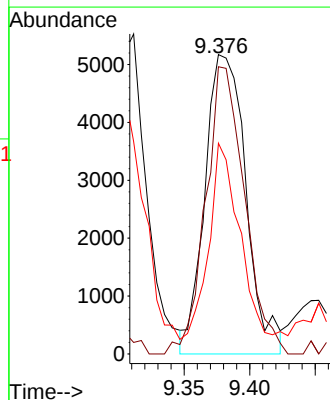
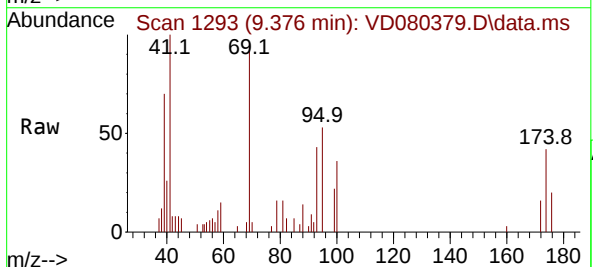
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

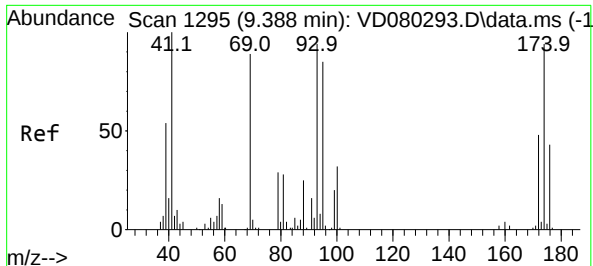
Tgt Ion: 83	Resp:	32415
Ion Ratio	Lower	Upper
83	100	
85	59.8	50.6 75.8
127	7.9	6.1 9.1



#48
Methyl methacrylate
Concen: 17.583 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 41	Resp:	11253
Ion Ratio	Lower	Upper
41	100	
69	91.3	74.0 111.0
39	57.6	41.9 62.9





#49

1,4-Dioxane

Concen: 409.382 ug/l

RT: 9.382 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS02

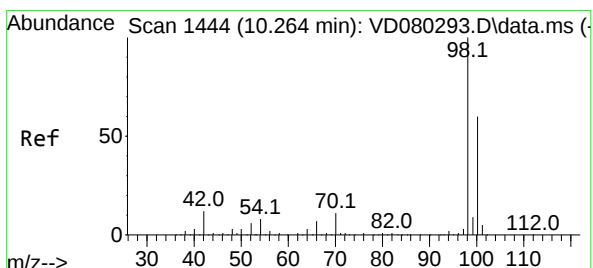
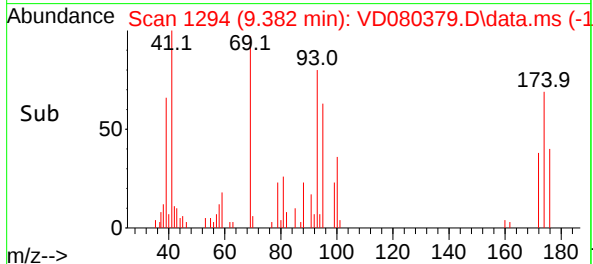
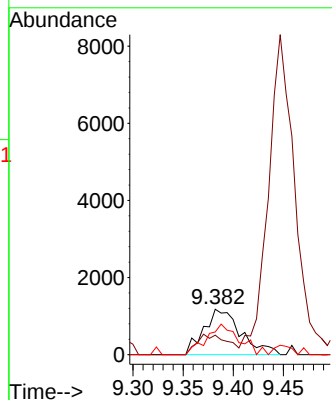
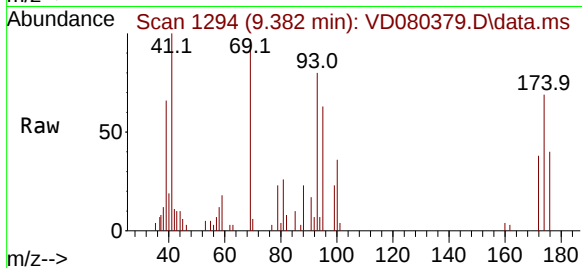
Tgt Ion: 88 Resp: 3025

Ion Ratio Lower Upper

88 100

43 37.4 29.1 43.7

58 59.2 59.9 89.9#



#50

Toluene-d8

Concen: 49.106 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080379.D

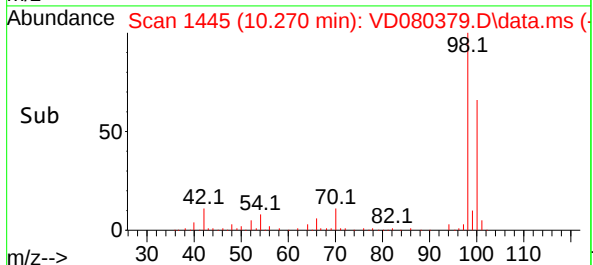
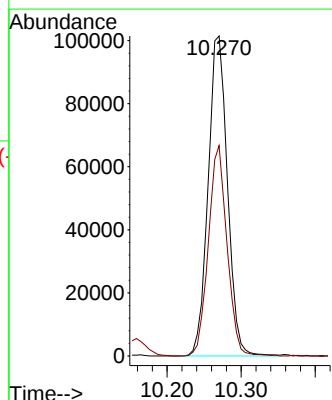
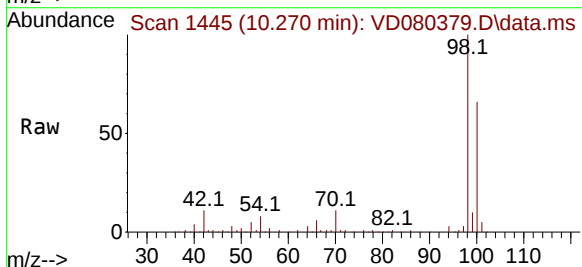
Acq: 16 May 2025 19:02

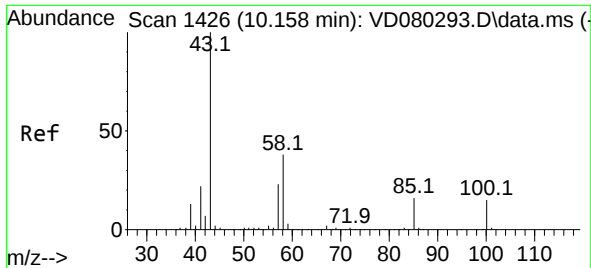
Tgt Ion: 98 Resp: 183902

Ion Ratio Lower Upper

98 100

100 63.4 50.2 75.4

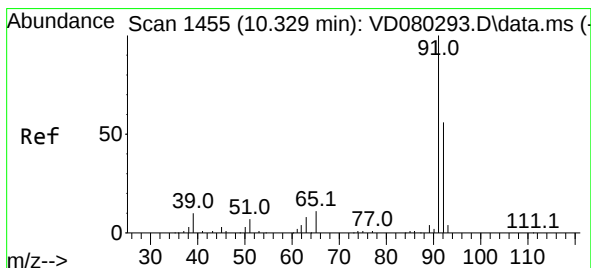
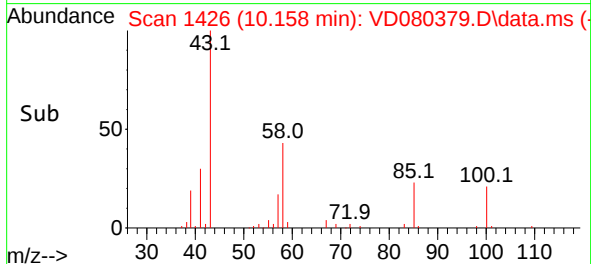
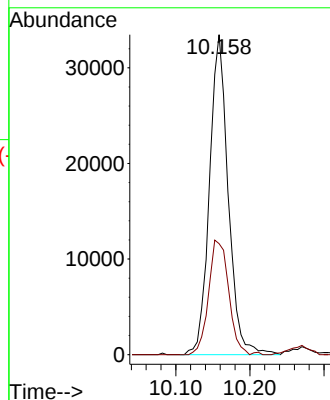
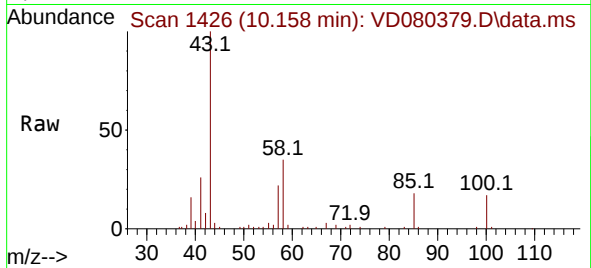




#51
4-Methyl-2-Pentanone
Concen: 84.634 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

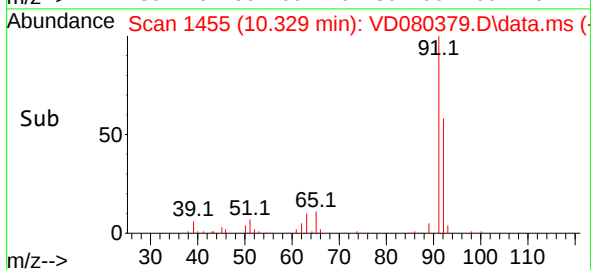
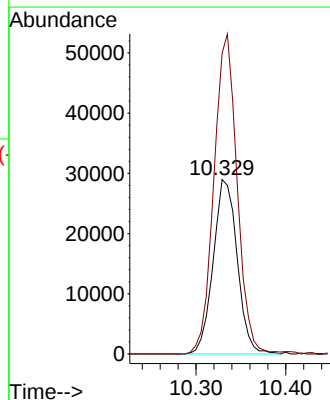
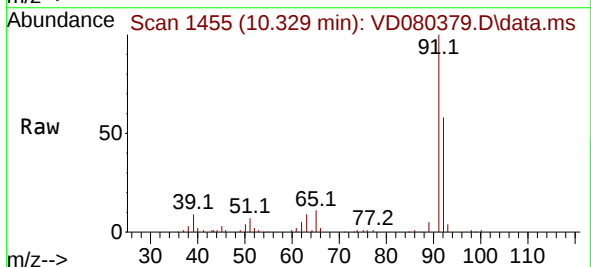
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS02

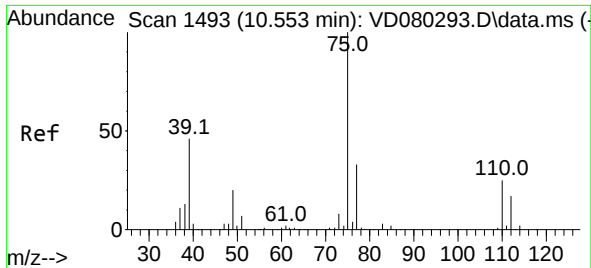
Tgt Ion: 43 Resp: 58738
Ion Ratio Lower Upper
43 100
58 38.6 32.8 49.2



#52
Toluene
Concen: 20.014 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 92 Resp: 53667
Ion Ratio Lower Upper
92 100
91 177.6 139.3 208.9

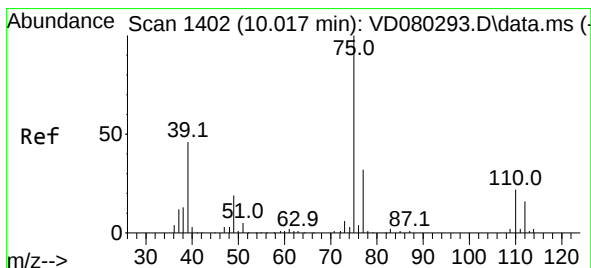
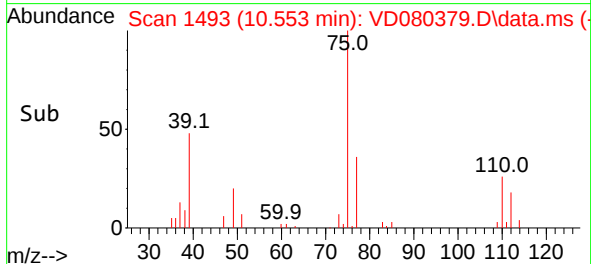
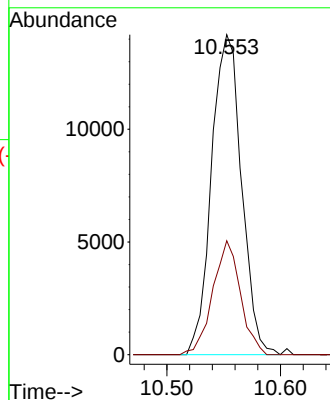
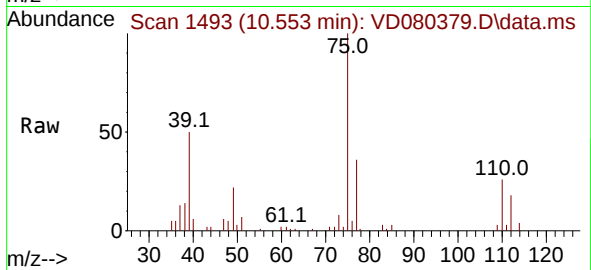




#53
 t-1,3-Dichloropropene
 Concen: 18.120 ug/l
 RT: 10.553 min Scan# 1493
 Delta R.T. 0.001 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

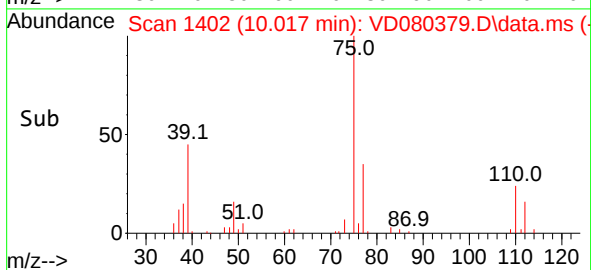
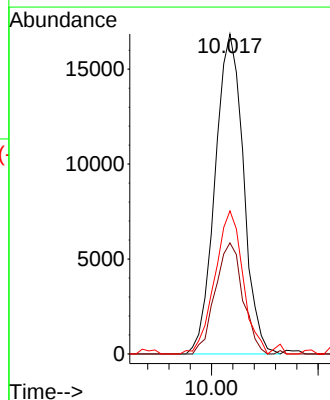
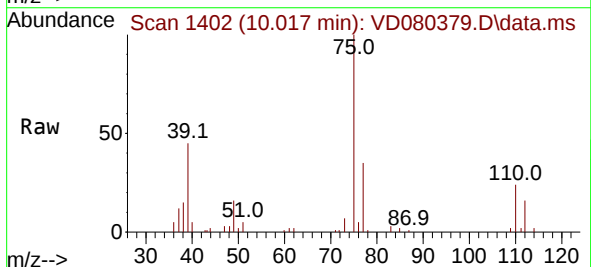
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS02

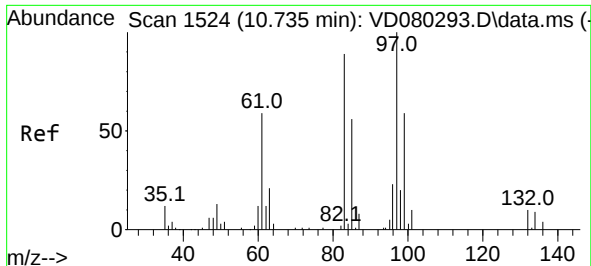
Tgt Ion: 75 Resp: 26058
 Ion Ratio Lower Upper
 75 100
 77 35.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 18.675 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.001 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

Tgt Ion: 75 Resp: 31121
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.0 37.4
 39 44.7 33.2 49.8





#55

1,1,2-Trichloroethane

Concen: 20.461 ug/l

RT: 10.729 min Scan# 1523

Delta R.T. -0.005 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS02

Tgt Ion: 97 Resp: 16821

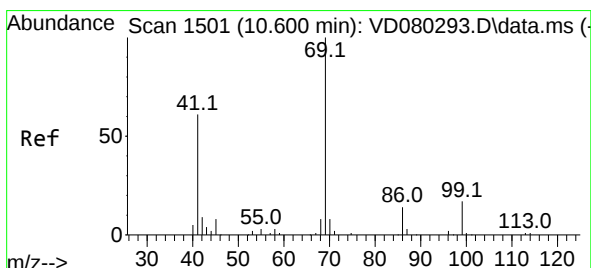
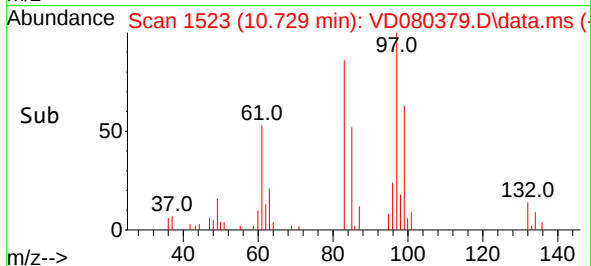
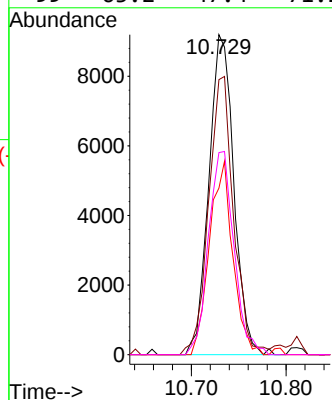
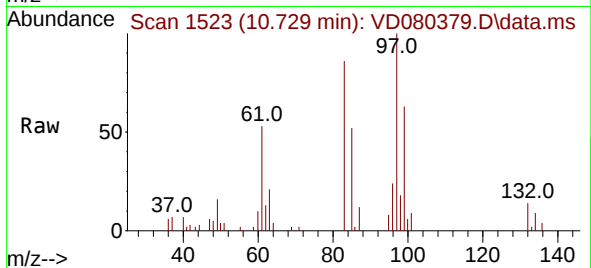
Ion Ratio Lower Upper

97 100

83 85.9 69.2 103.8

85 52.0 43.0 64.6

99 63.2 47.4 71.2



#56

Ethyl methacrylate

Concen: 18.445 ug/l

RT: 10.600 min Scan# 1501

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

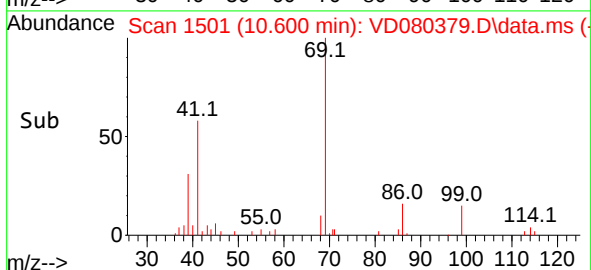
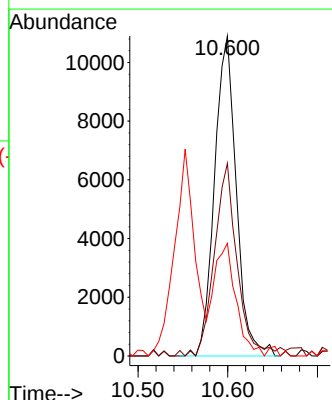
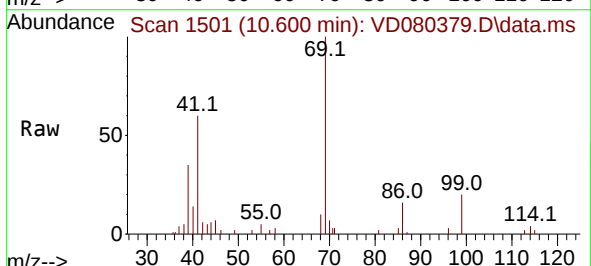
Tgt Ion: 69 Resp: 18375

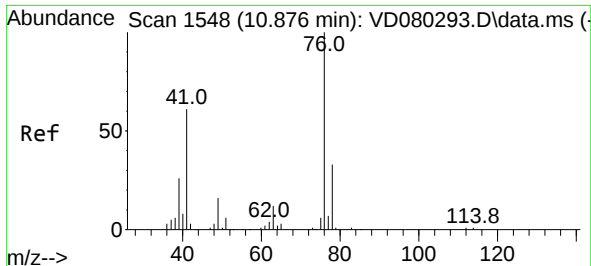
Ion Ratio Lower Upper

69 100

41 62.2 50.4 75.6

39 35.3 26.0 39.0





#57

1,3-Dichloropropane

Concen: 19.959 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.005 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

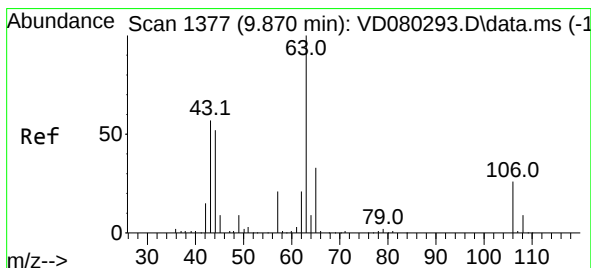
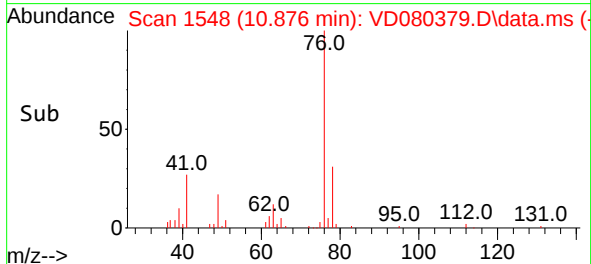
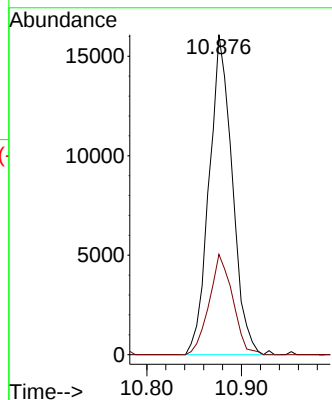
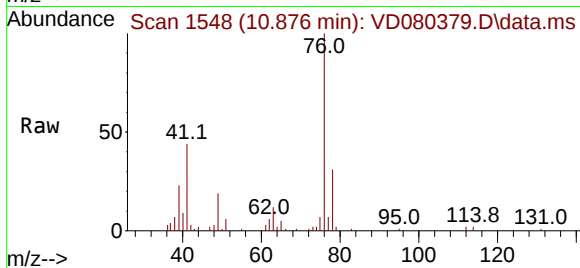
VD0516SBSD02

Tgt Ion: 76 Resp: 27270

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 89.521 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080379.D

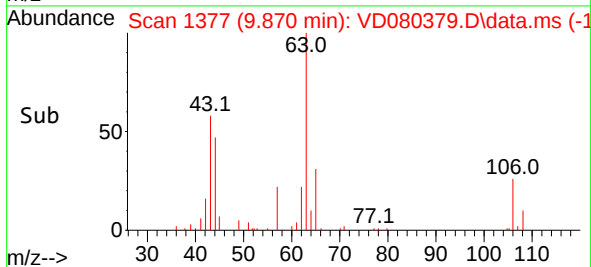
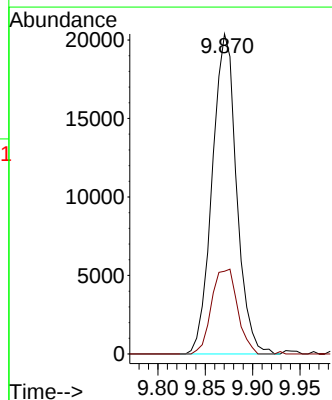
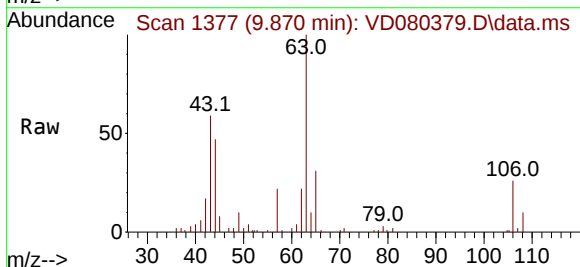
Acq: 16 May 2025 19:02

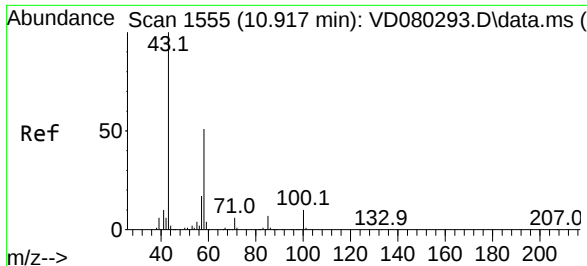
Tgt Ion: 63 Resp: 36496

Ion Ratio Lower Upper

63 100

106 28.2 21.8 32.6

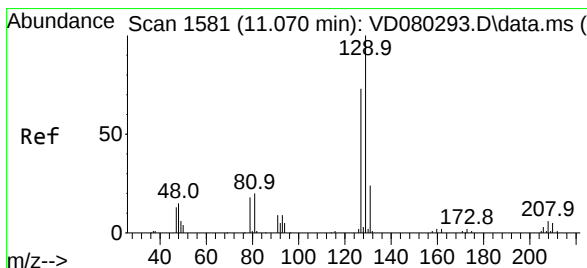
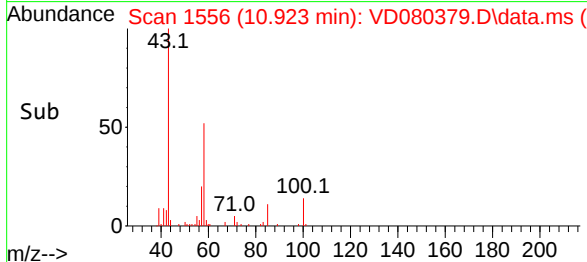
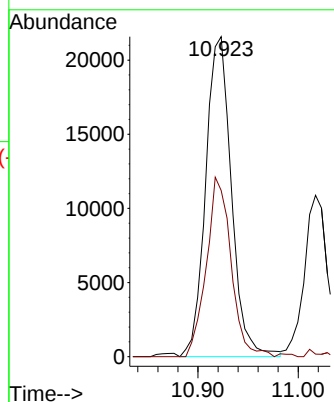
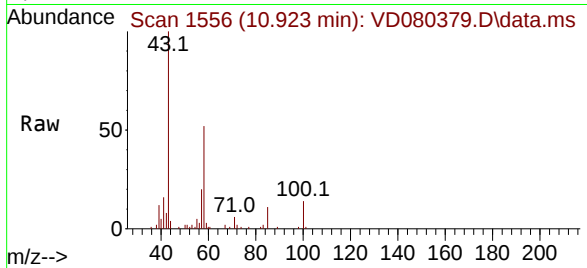




#59
2-Hexanone
Concen: 80.799 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. 0.007 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

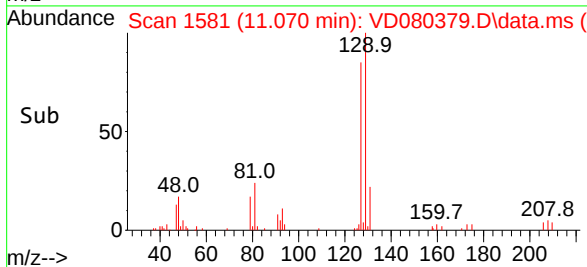
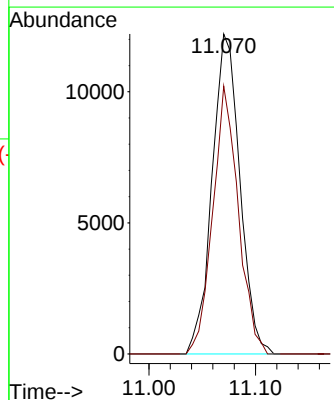
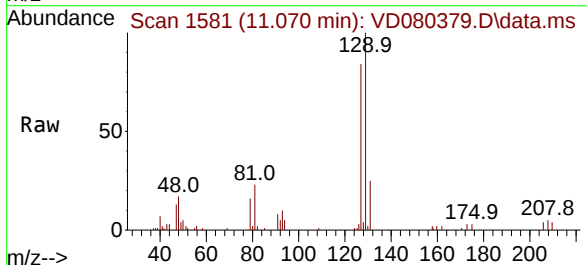
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

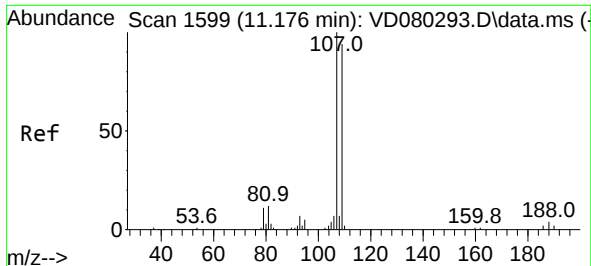
Tgt Ion: 43 Resp: 38575
Ion Ratio Lower Upper
43 100
58 53.7 27.8 83.4



#60
Dibromochloromethane
Concen: 21.481 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 129 Resp: 22131
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

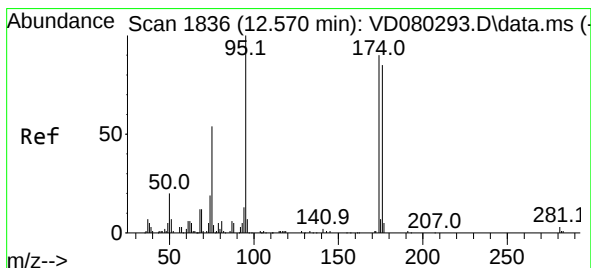
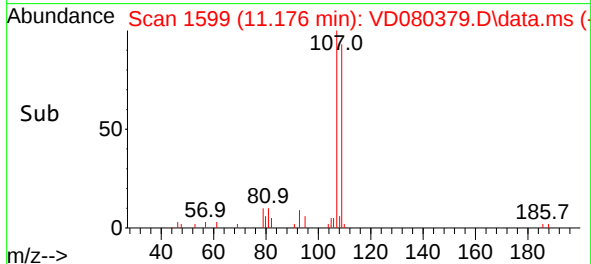
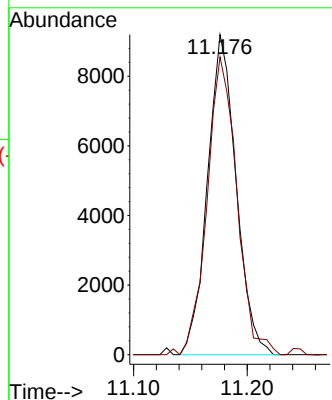
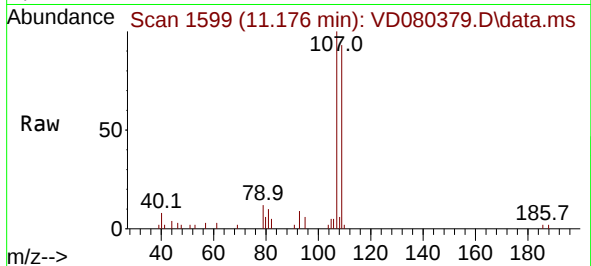




#61
1,2-Dibromoethane
Concen: 21.134 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

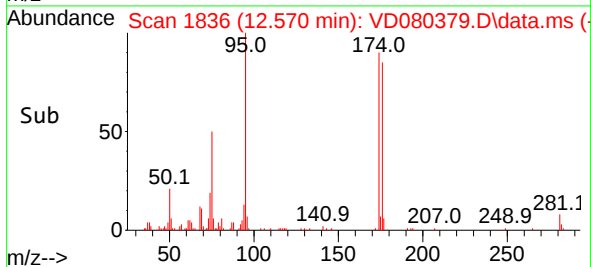
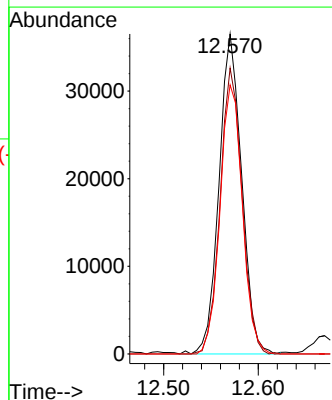
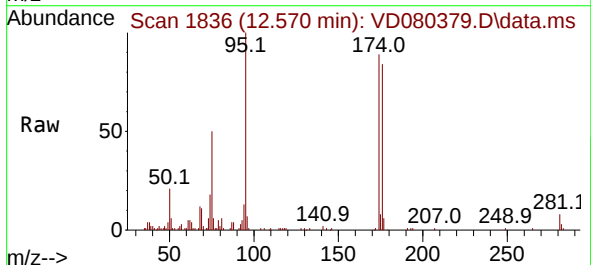
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

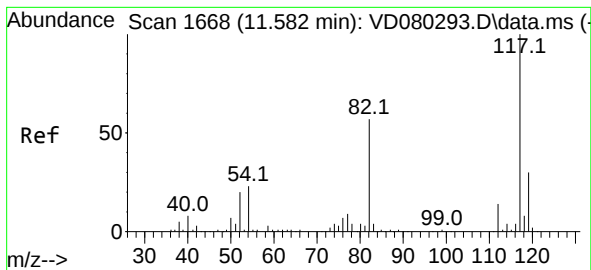
Tgt Ion:107 Resp: 16111
Ion Ratio Lower Upper
107 100
109 96.6 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 50.420 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 95 Resp: 60607
Ion Ratio Lower Upper
95 100
174 86.7 0.0 173.4
176 83.2 0.0 166.6

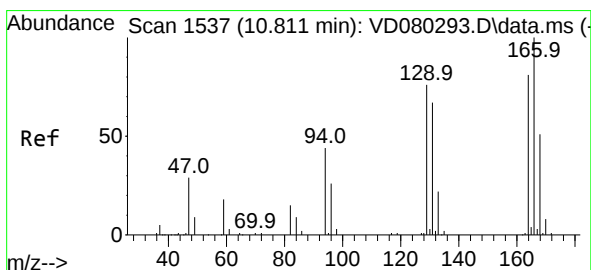
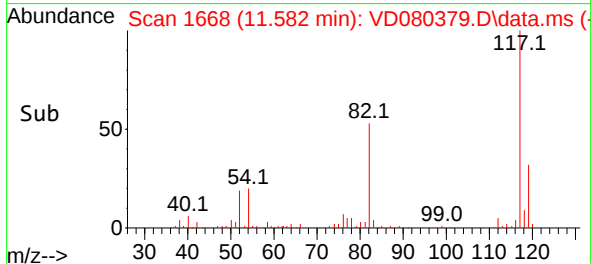
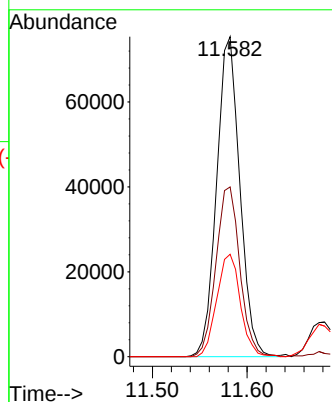
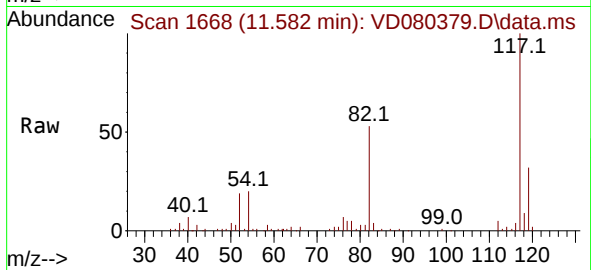




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

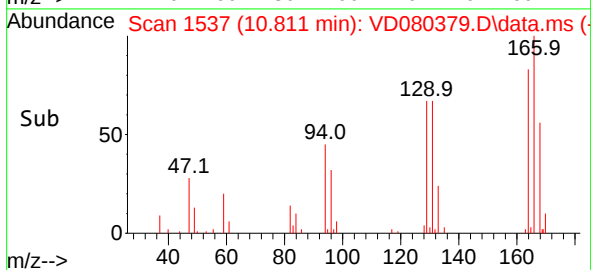
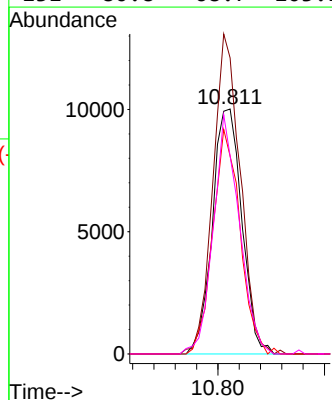
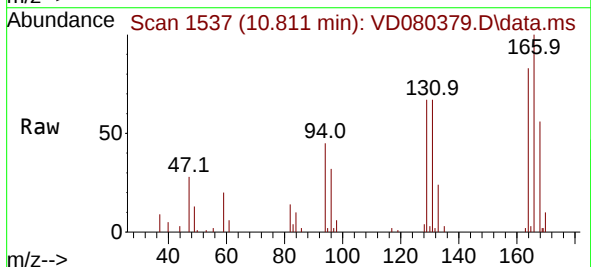
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS02

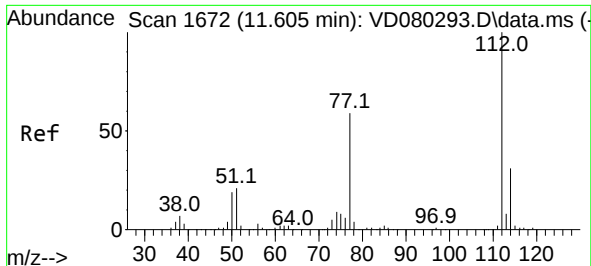
Tgt Ion:117 Resp: 128494
Ion Ratio Lower Upper
117 100
82 53.1 45.8 68.6
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 22.038 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion:164 Resp: 19176
Ion Ratio Lower Upper
164 100
166 120.8 97.5 146.3
129 80.7 70.6 106.0
131 80.8 68.7 103.1

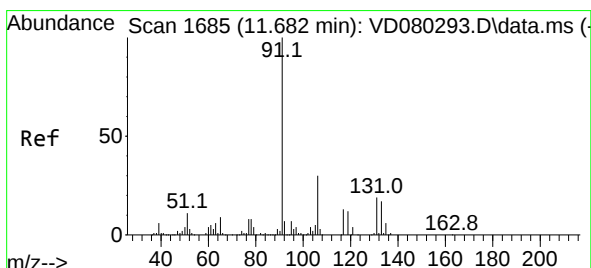
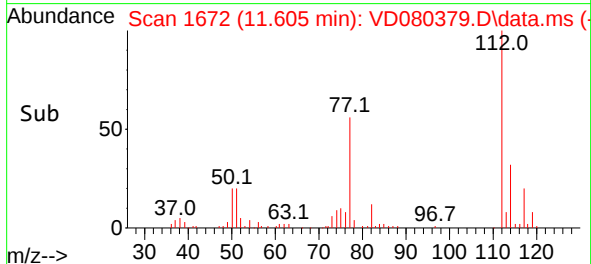
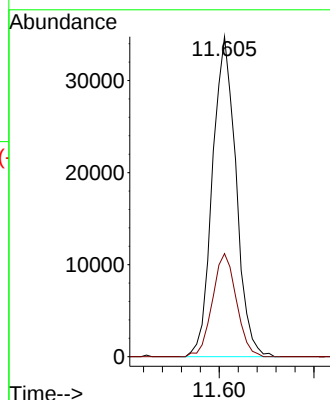
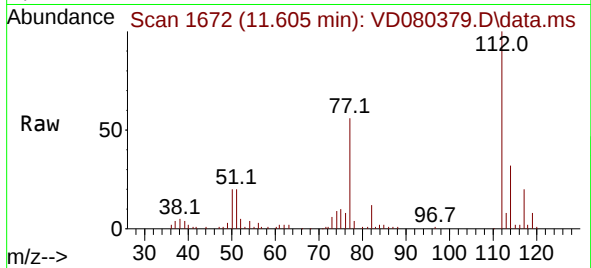




#65
Chlorobenzene
Concen: 20.706 ug/l
RT: 11.605 min Scan# 1112
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

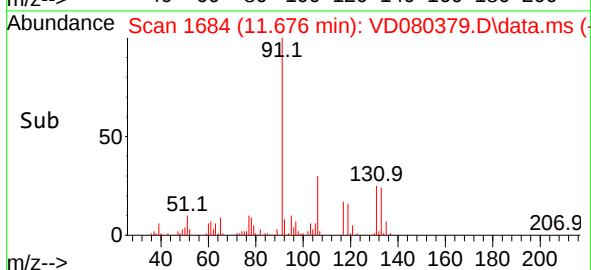
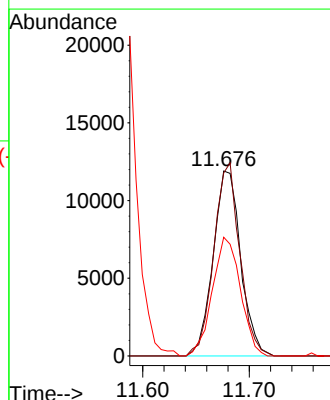
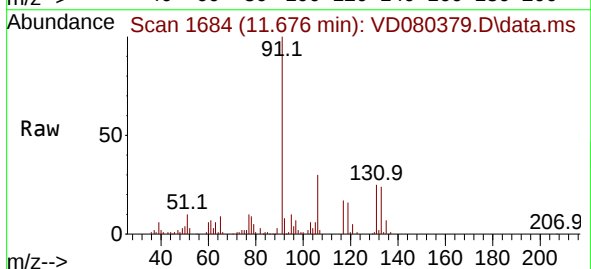
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

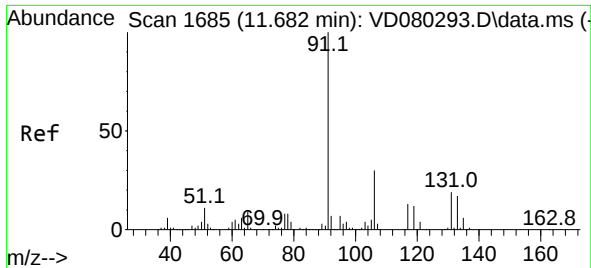
Tgt Ion:112 Resp: 60076
Ion Ratio Lower Upper
112 100
114 32.2 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.446 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion:131 Resp: 21377
Ion Ratio Lower Upper
131 100
133 98.3 48.8 146.4
119 65.3 34.8 104.3

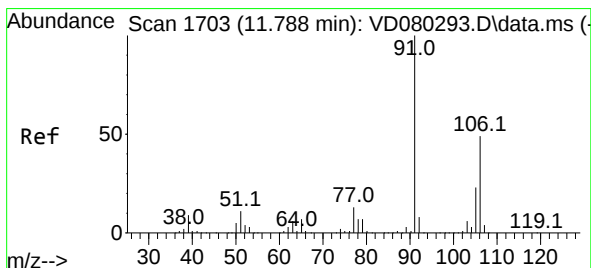
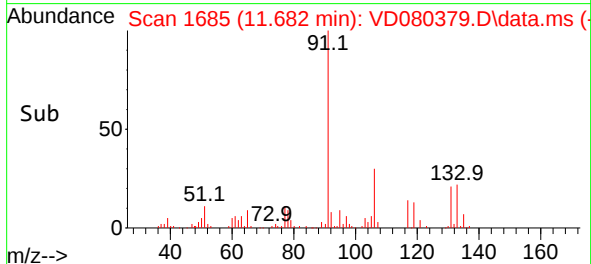
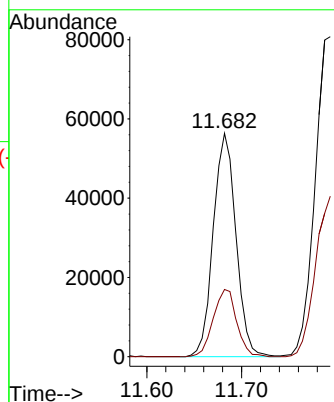
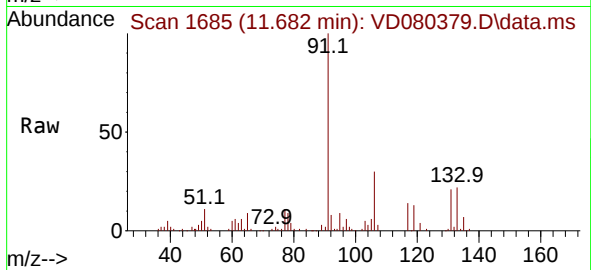




#67
Ethyl Benzene
Concen: 19.378 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

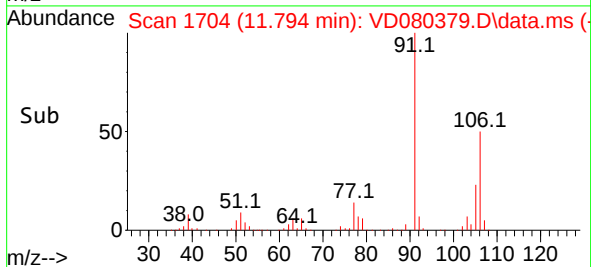
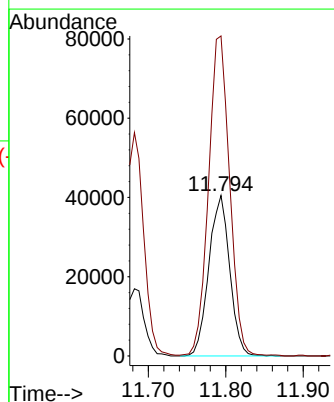
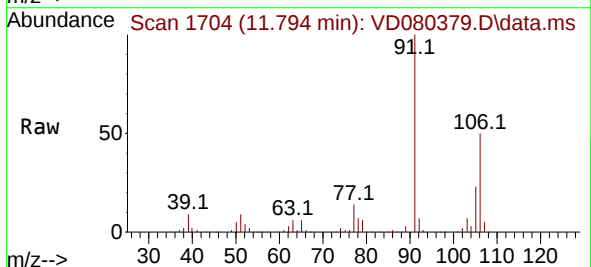
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

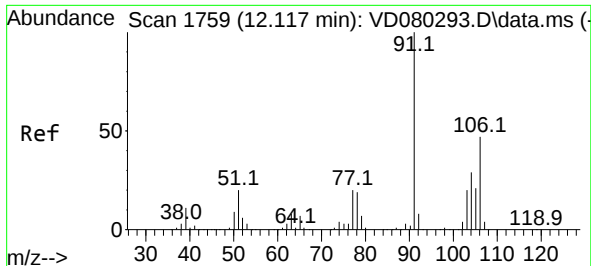
Tgt Ion: 91 Resp: 93952
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4



#68
m/p-Xylenes
Concen: 40.187 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 106 Resp: 75656
Ion Ratio Lower Upper
106 100
91 202.4 162.6 244.0

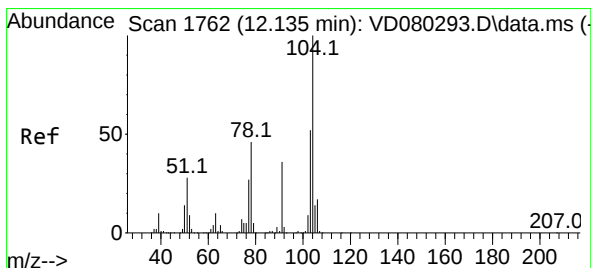
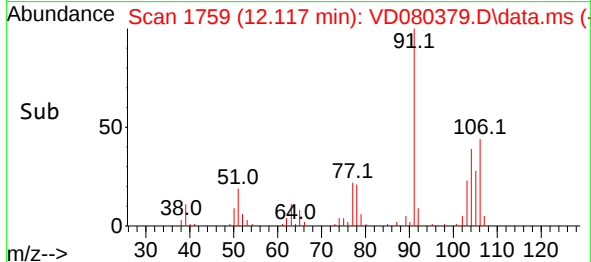
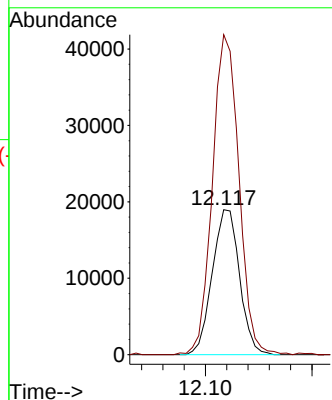
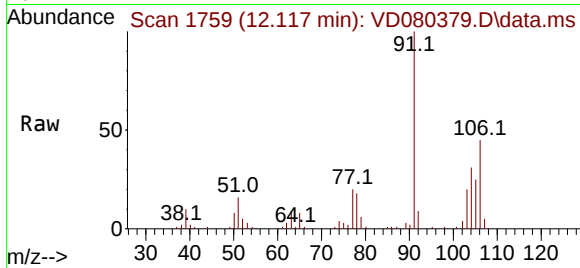




#69
o-Xylene
Concen: 19.575 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

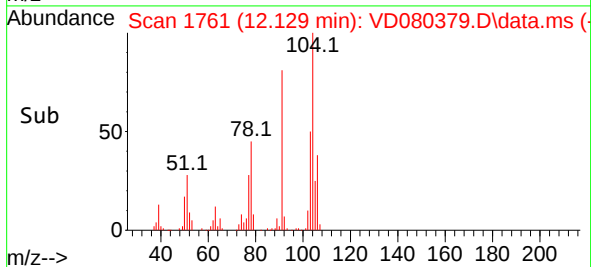
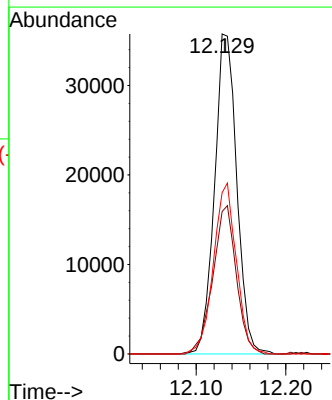
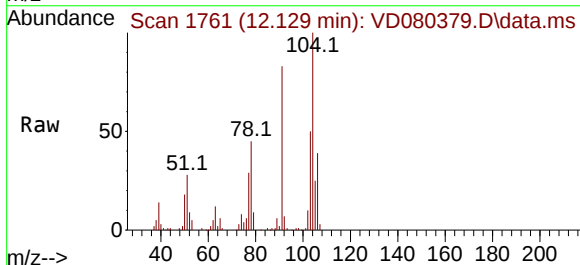
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

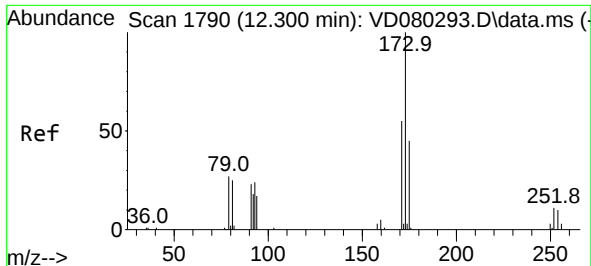
Tgt Ion:106 Resp: 33675
Ion Ratio Lower Upper
106 100
91 215.0 110.5 331.5



#70
Styrene
Concen: 19.943 ug/l
RT: 12.129 min Scan# 1761
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion:104 Resp: 61605
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.8
103 55.0 45.2 67.8

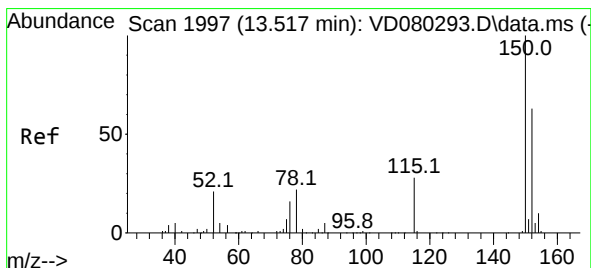
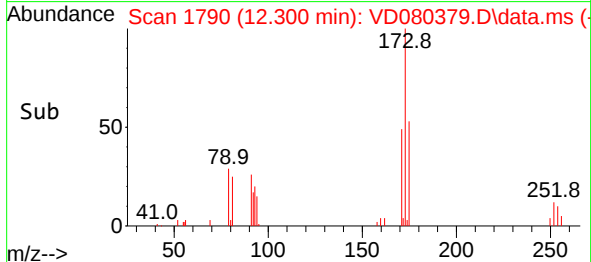
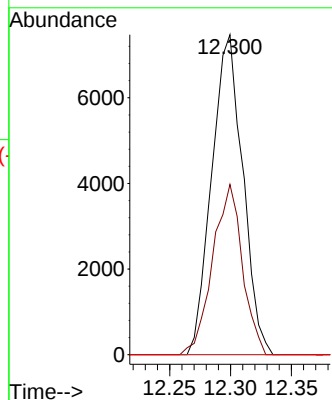
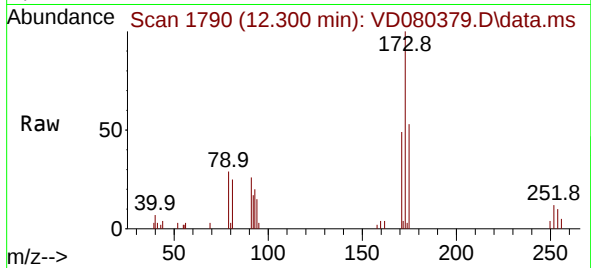




#71
Bromoform
Concen: 22.362 ug/l
RT: 12.300 min Scan# 1790
Delta R.T. 0.007 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

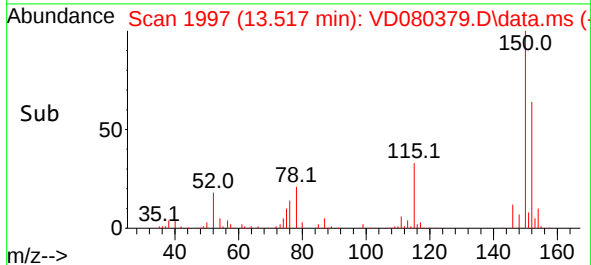
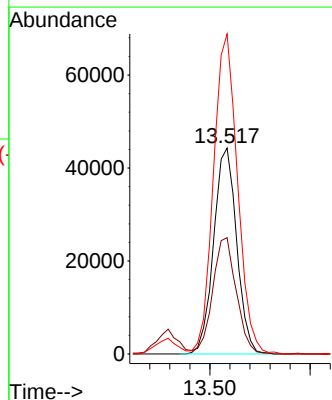
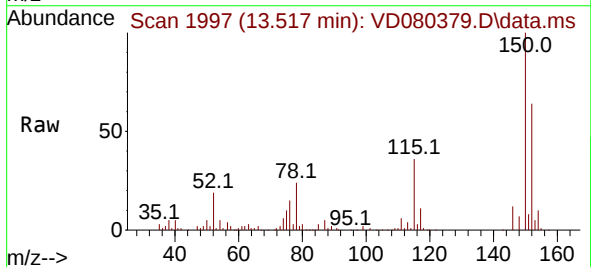
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS02

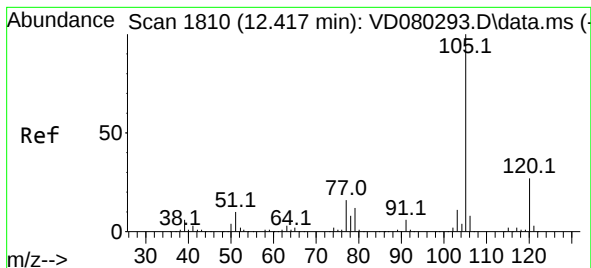
Tgt Ion:173 Resp: 13243
Ion Ratio Lower Upper
173 100
175 50.9 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion:152 Resp: 70684
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 162.5 0.0 354.8





#73

Isopropylbenzene

Concen: 18.922 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. -0.005 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

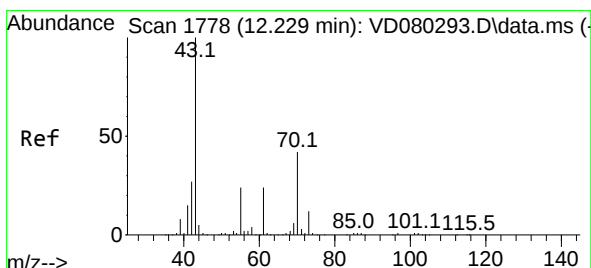
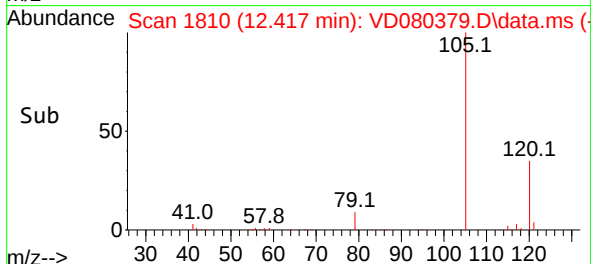
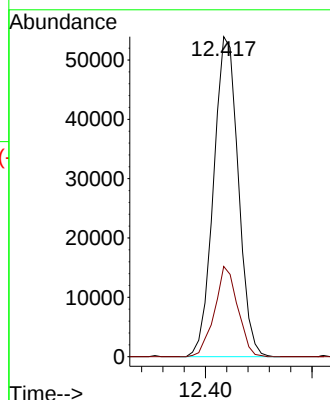
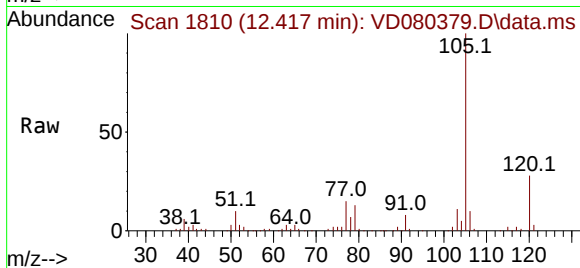
VD0516SBS02

Tgt Ion:105 Resp: 86762

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 15.385 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. -0.005 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Tgt Ion: 43 Resp: 20246

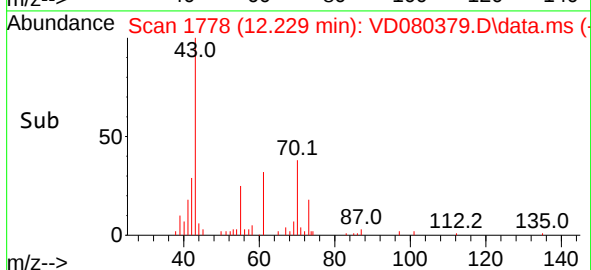
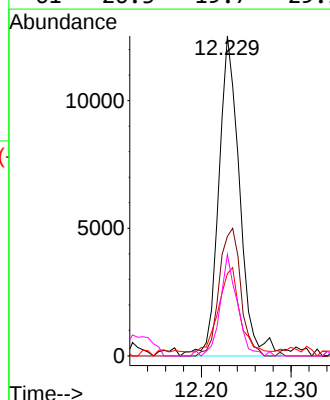
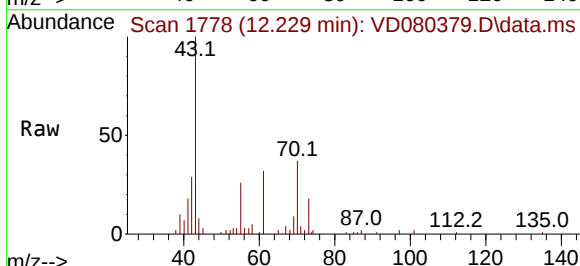
Ion Ratio Lower Upper

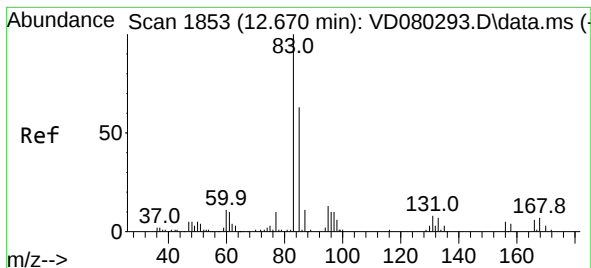
43 100

70 41.2 36.3 54.5

55 30.5 20.3 30.5

61 26.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.770 ug/l

RT: 12.670 min Scan# 1853

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD02

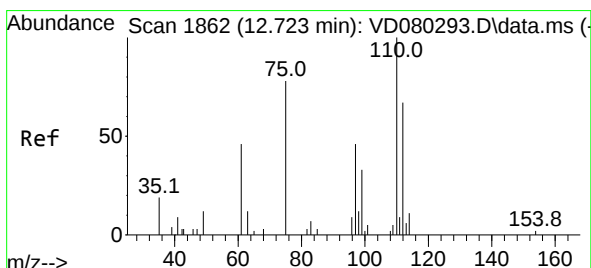
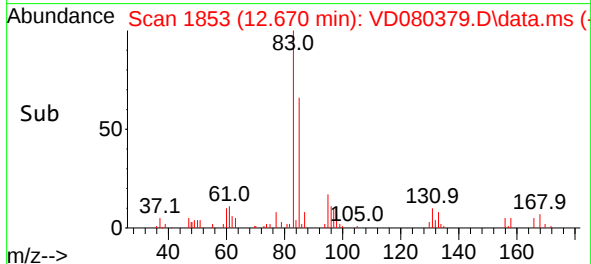
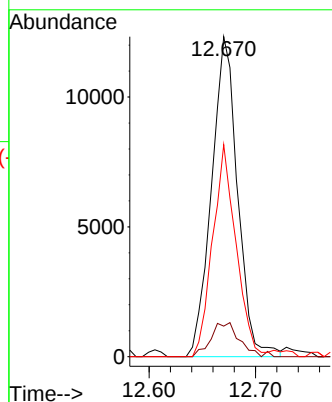
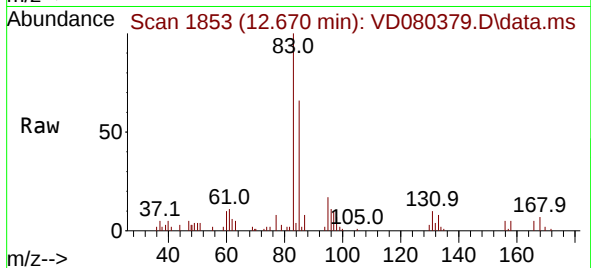
Tgt Ion: 83 Resp: 20942

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.3

85 59.6 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 36.155 ug/l

RT: 12.723 min Scan# 1862

Delta R.T. 0.001 min

Lab File: VD080379.D

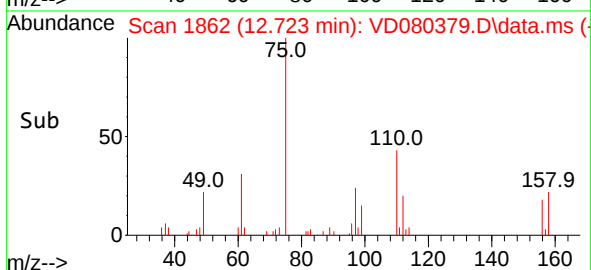
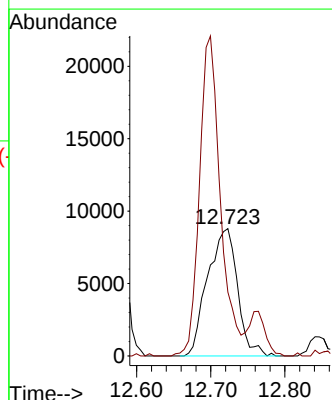
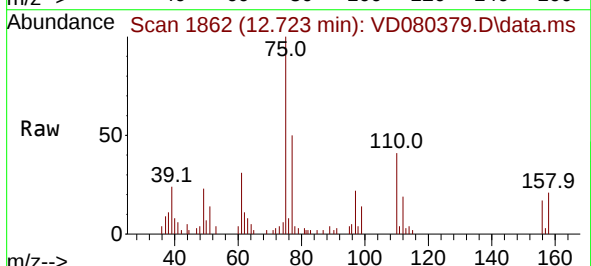
Acq: 16 May 2025 19:02

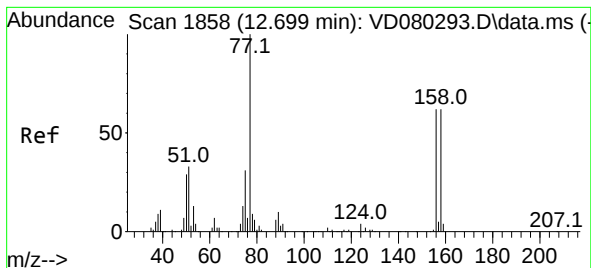
Tgt Ion: 75 Resp: 24665

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.016 ug/l

RT: 12.700 min Scan# 1858

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD02

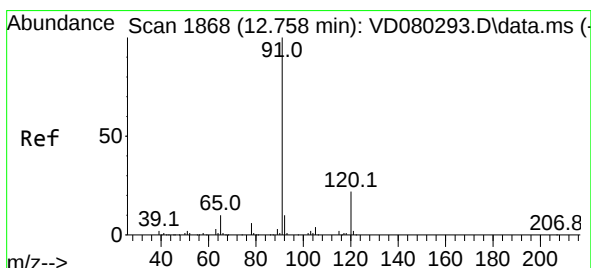
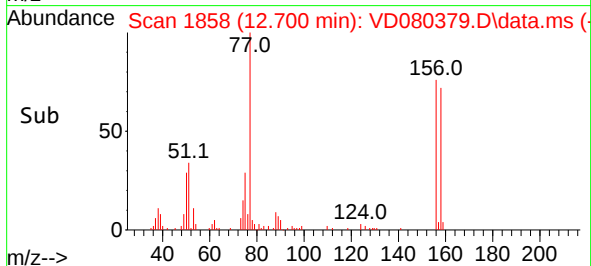
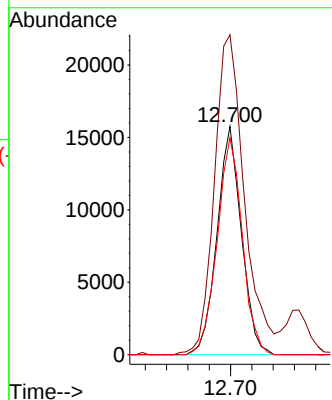
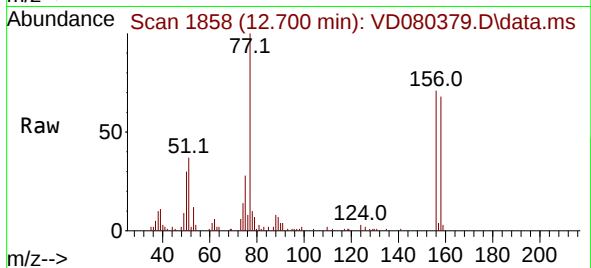
Tgt Ion:156 Resp: 24995

Ion Ratio Lower Upper

156 100

77 172.3 89.8 269.6

158 98.2 47.9 143.8



#78

n-propylbenzene

Concen: 19.424 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. -0.005 min

Lab File: VD080379.D

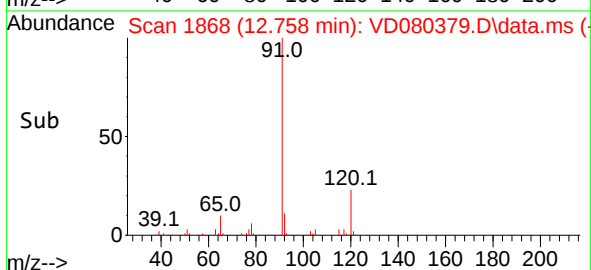
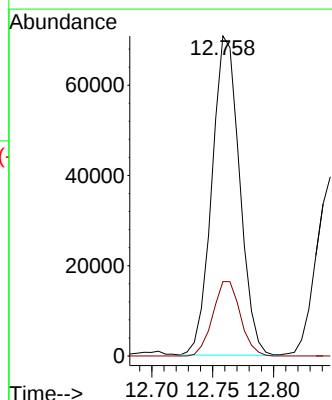
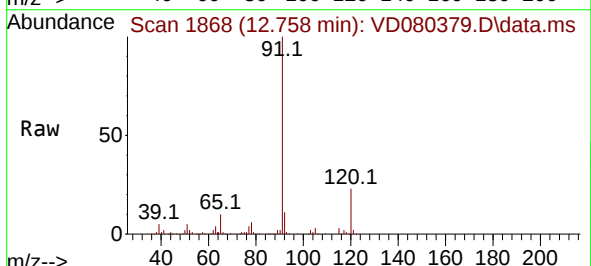
Acq: 16 May 2025 19:02

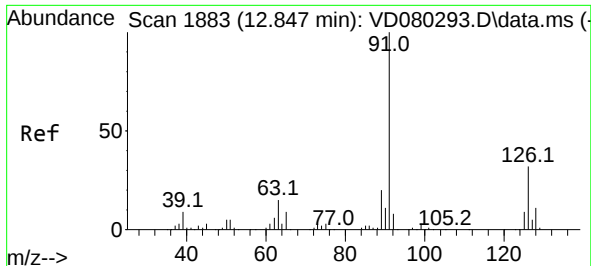
Tgt Ion: 91 Resp: 111768

Ion Ratio Lower Upper

91 100

120 23.2 11.2 33.5

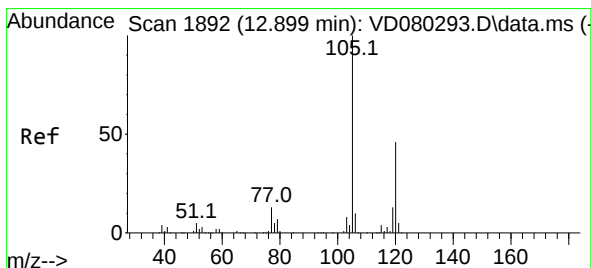
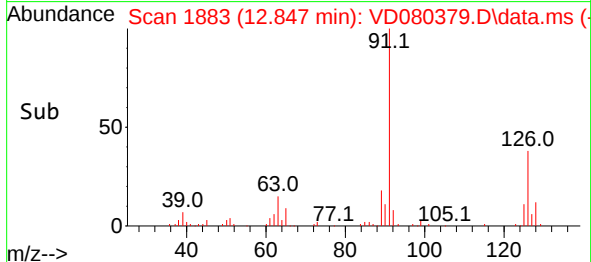
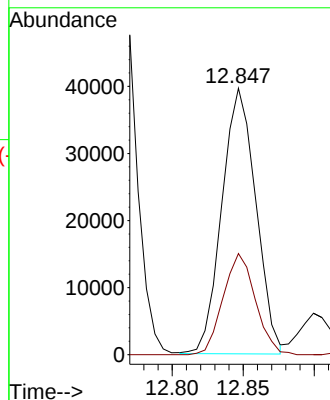
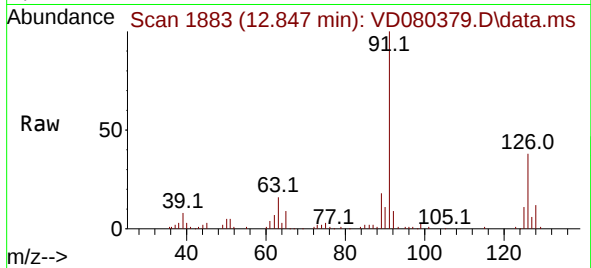




#79
2-Chlorotoluene
Concen: 19.722 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

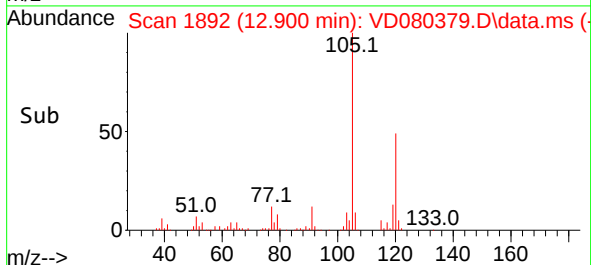
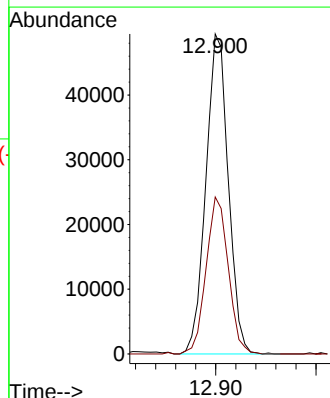
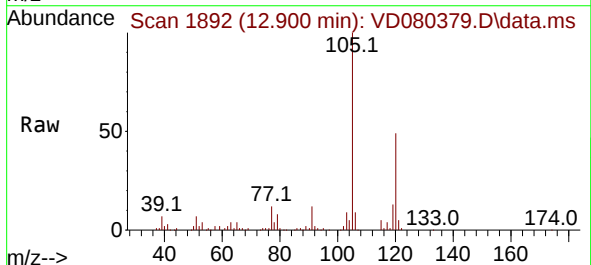
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

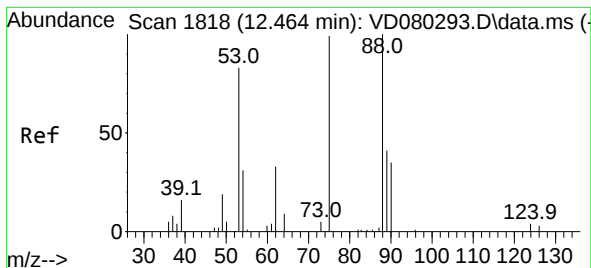
Tgt Ion: 91 Resp: 66009
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 19.661 ug/l
RT: 12.900 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 105 Resp: 76888
Ion Ratio Lower Upper
105 100
120 48.4 25.0 75.0

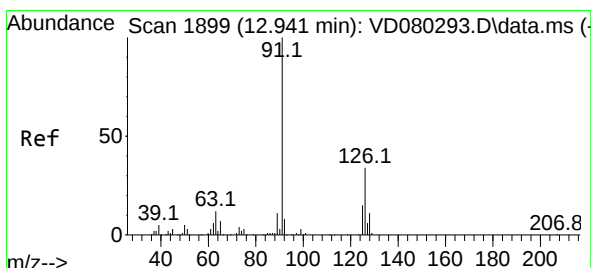
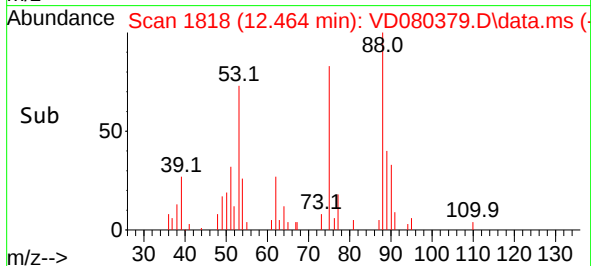
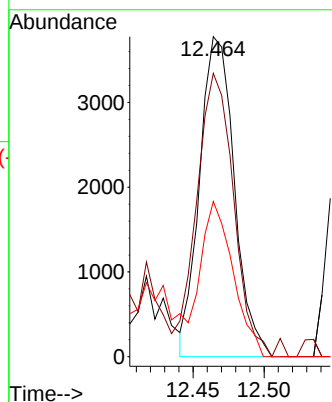
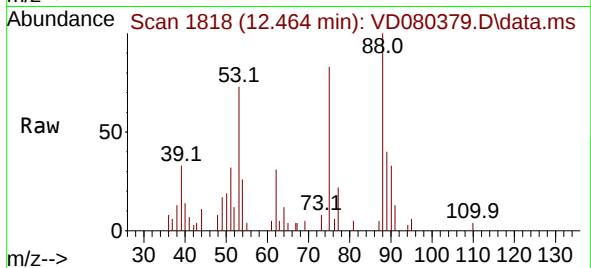




#81
trans-1,4-Dichloro-2-butene
Concen: 17.822 ug/l
RT: 12.464 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

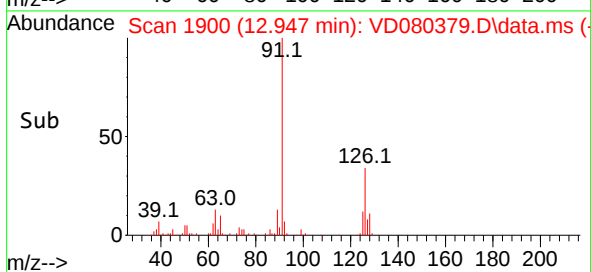
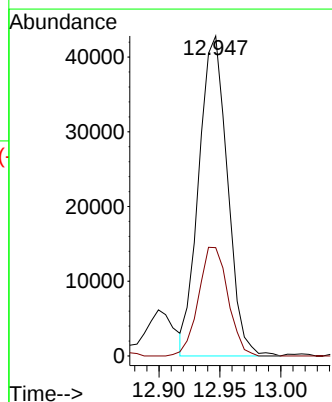
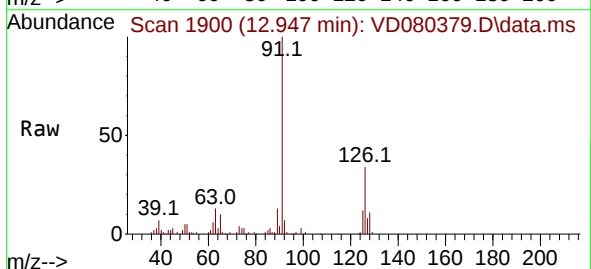
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

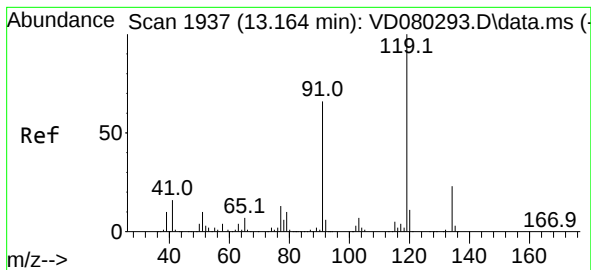
Tgt Ion: 75 Resp: 6405
Ion Ratio Lower Upper
75 100
53 94.2 68.7 103.1
89 44.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.399 ug/l
RT: 12.947 min Scan# 1900
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 91 Resp: 70084
Ion Ratio Lower Upper
91 100
126 34.9 16.8 50.3

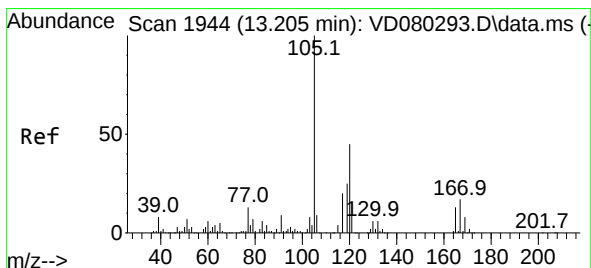
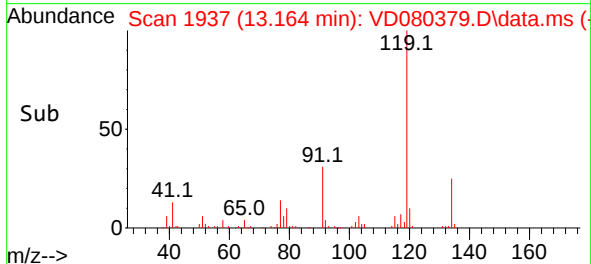
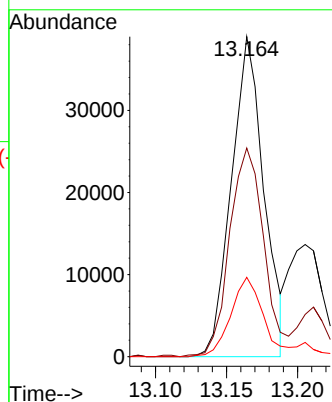
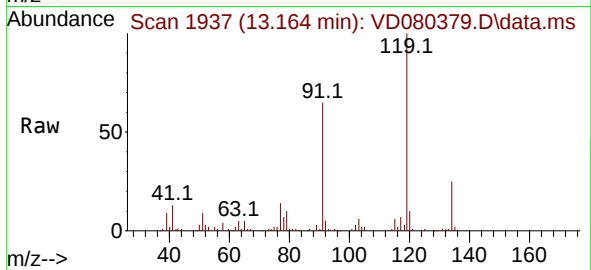




#83
 tert-Butylbenzene
 Concen: 18.975 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.001 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

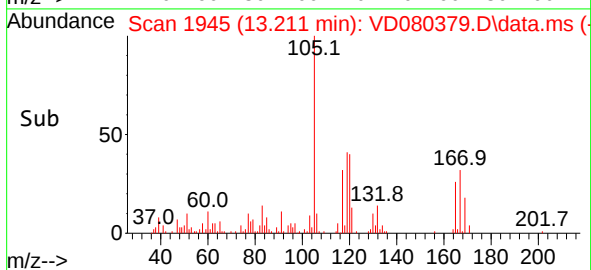
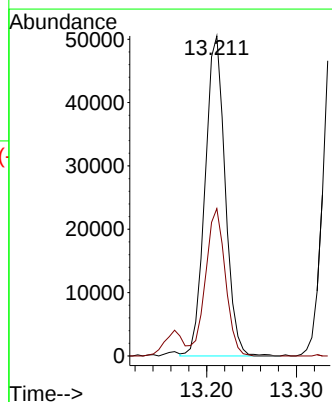
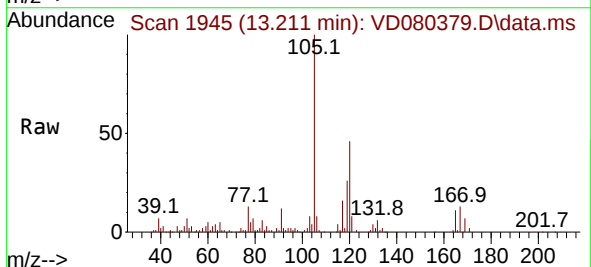
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD02

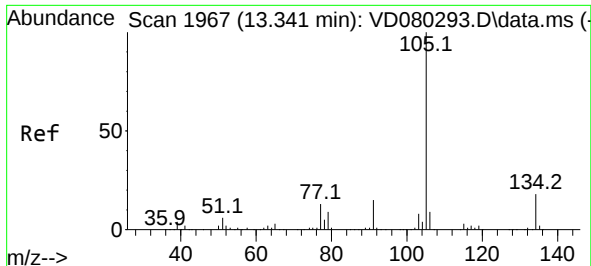
Tgt Ion:119 Resp: 61925
 Ion Ratio Lower Upper
 119 100
 91 69.1 33.3 99.9
 134 24.7 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.580 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.001 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

Tgt Ion:105 Resp: 78347
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.8 68.4

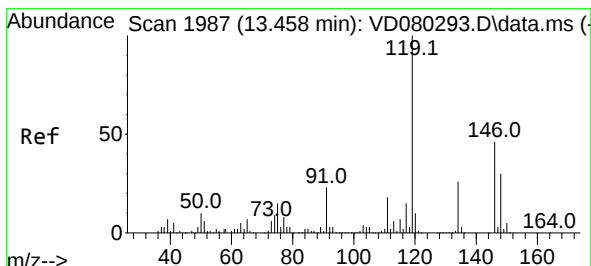
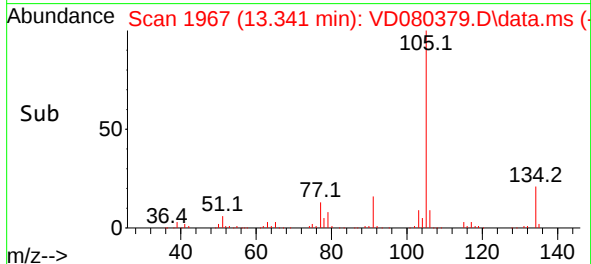
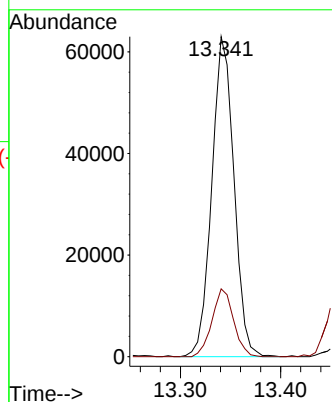
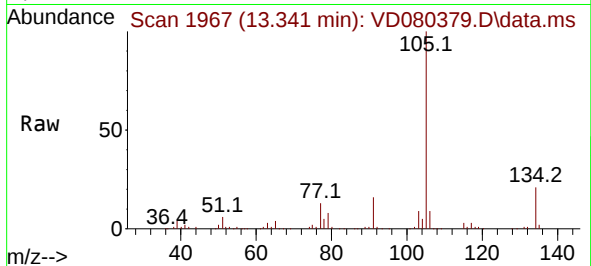




#85
 sec-Butylbenzene
 Concen: 19.240 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.001 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

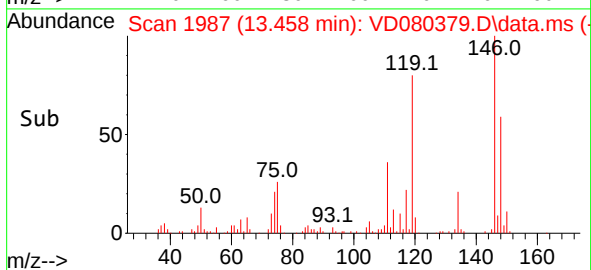
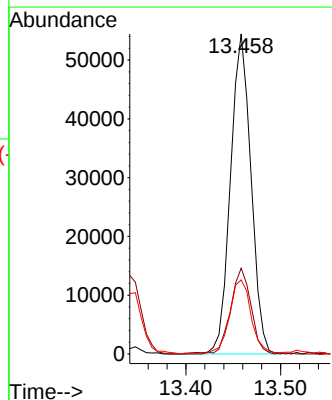
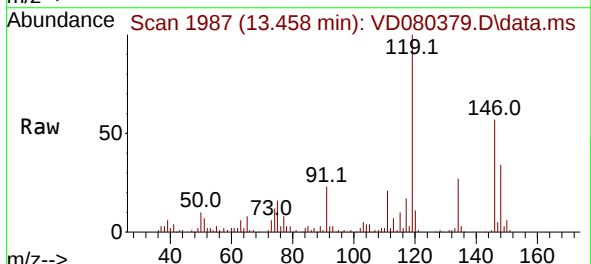
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD02

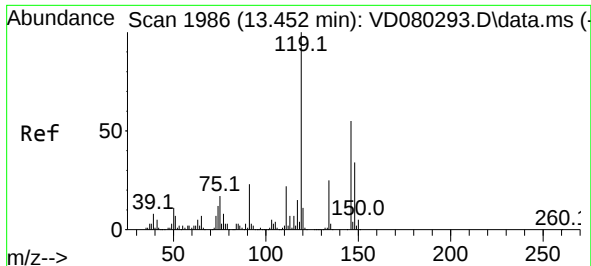
Tgt Ion:105 Resp: 96828
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.306 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

Tgt Ion:119 Resp: 81657
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 24.4 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.481 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS02

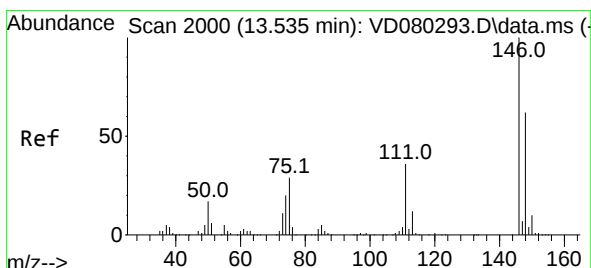
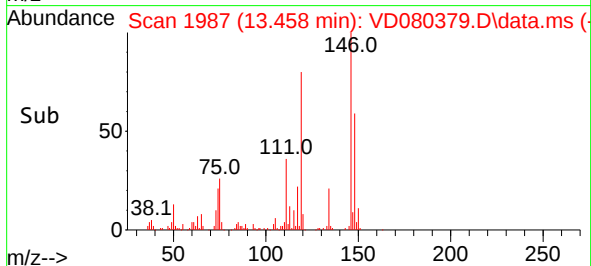
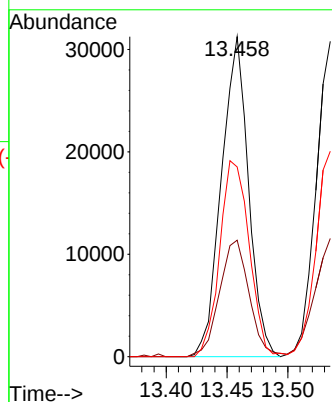
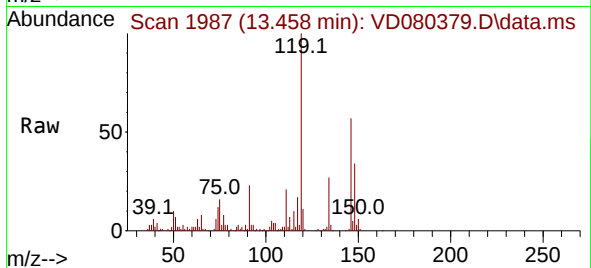
Tgt Ion:146 Resp: 48319

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

148 66.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.687 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

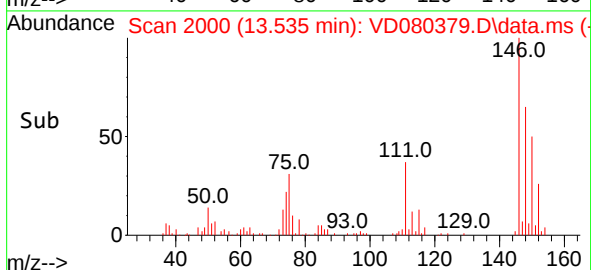
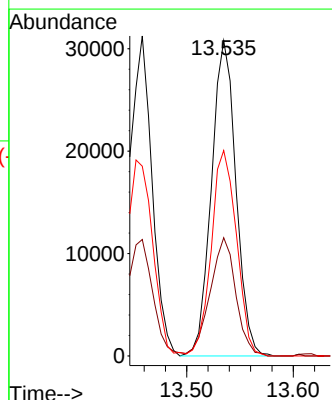
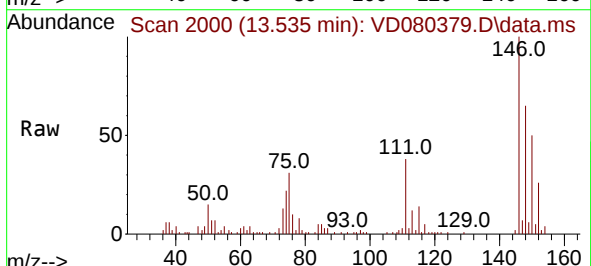
Tgt Ion:146 Resp: 49227

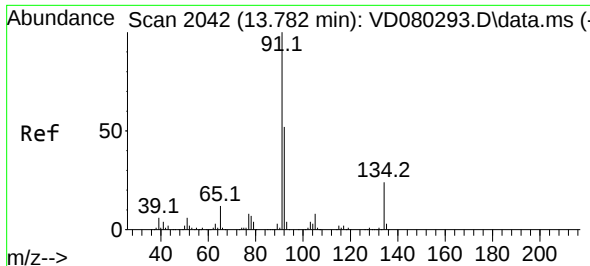
Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.8

148 67.0 32.9 98.7

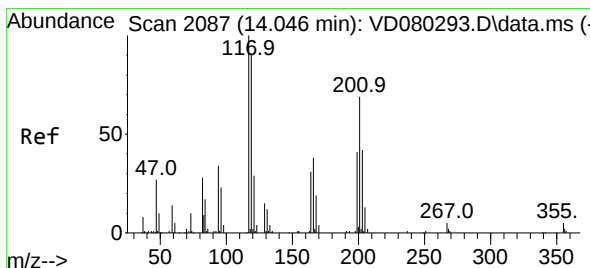
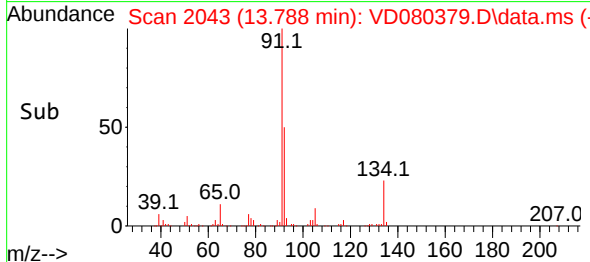
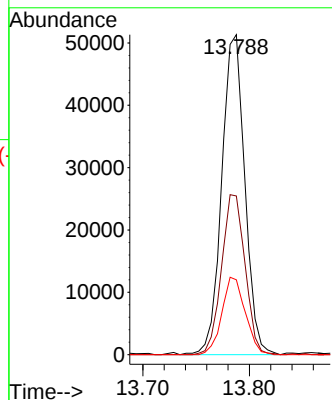
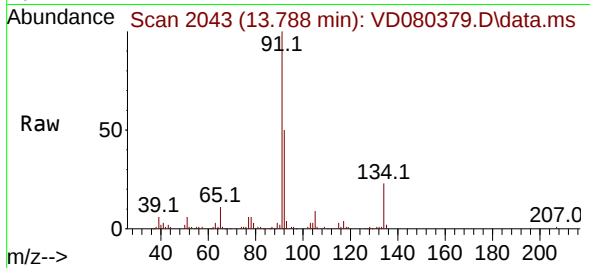




#89
n-Butylbenzene
Concen: 18.789 ug/l
RT: 13.788 min Scan# 2042
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

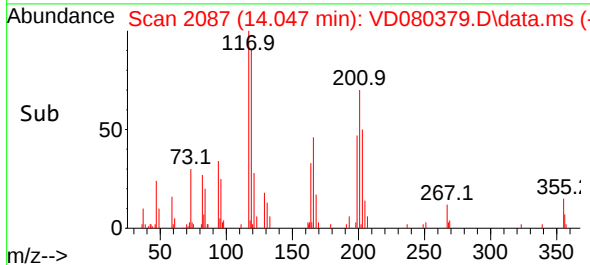
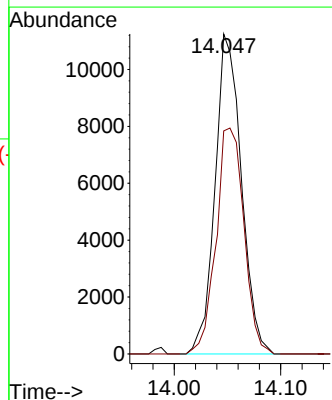
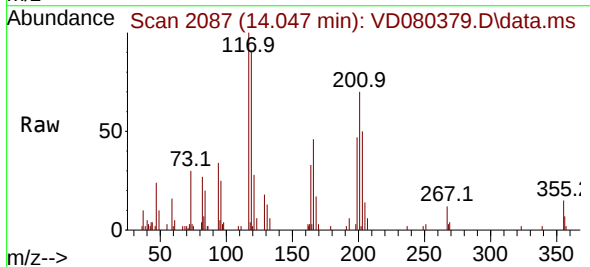
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS02

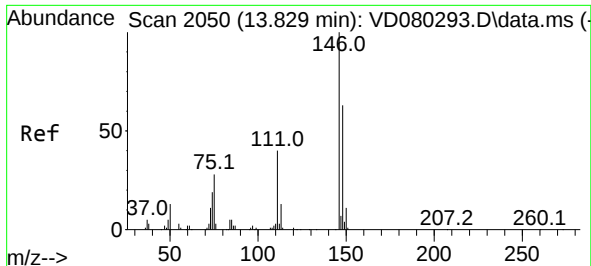
Tgt Ion: 91 Resp: 77145
Ion Ratio Lower Upper
91 100
92 51.0 26.3 78.9
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 20.616 ug/l
RT: 14.047 min Scan# 2087
Delta R.T. -0.005 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion: 117 Resp: 19293
Ion Ratio Lower Upper
117 100
201 74.7 37.5 112.5

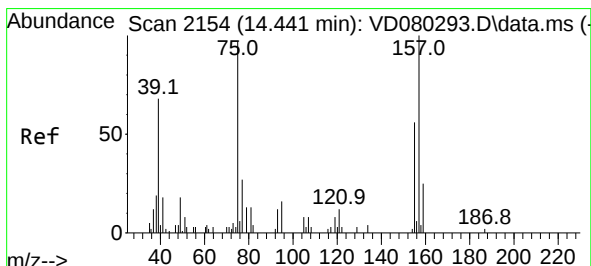
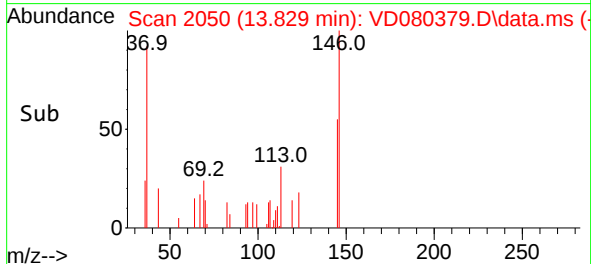
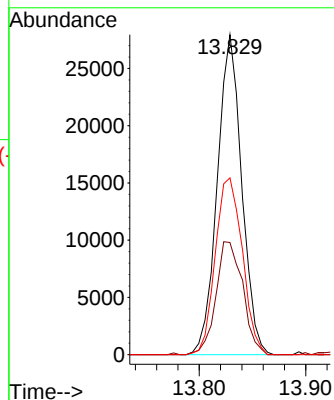
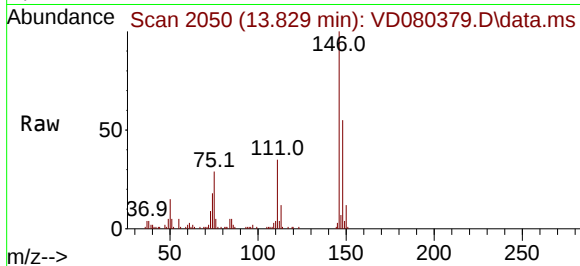




#91
 1,2-Dichlorobenzene
 Concen: 20.664 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

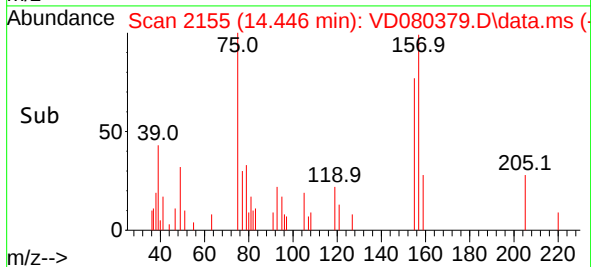
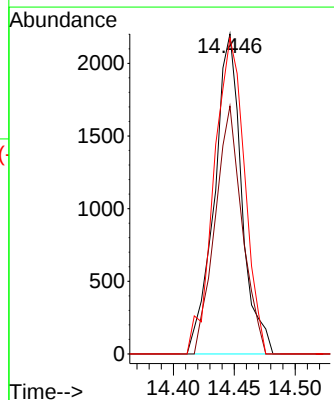
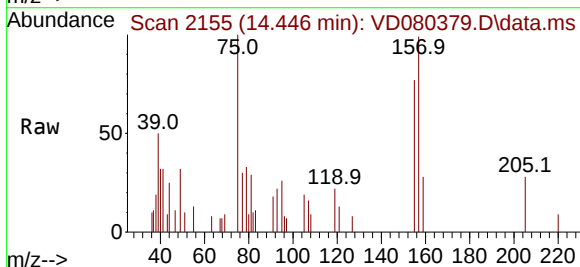
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD02

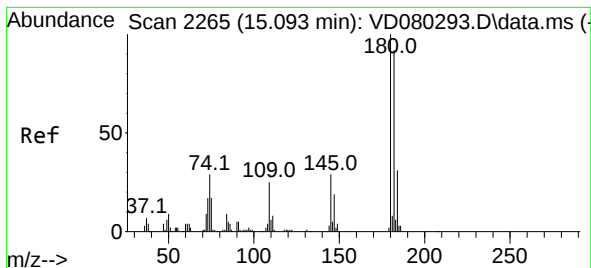
Tgt Ion:	146	Resp:	44524
Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.6	61.8
148	61.1	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.382 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080379.D
 Acq: 16 May 2025 19:02

Tgt Ion:	75	Resp:	3436
Ion	Ratio	Lower	Upper
75	100		
155	76.9	40.6	122.0
157	110.4	53.3	159.9





#93

1,2,4-Trichlorobenzene

Concen: 24.718 ug/l

RT: 15.099 min Scan# 2266

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS02

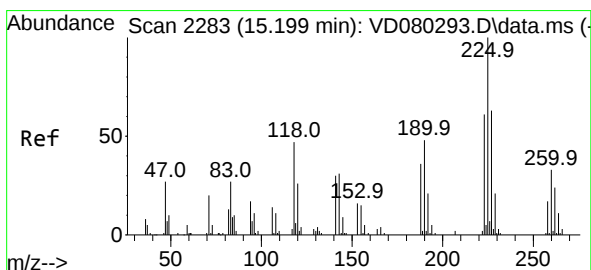
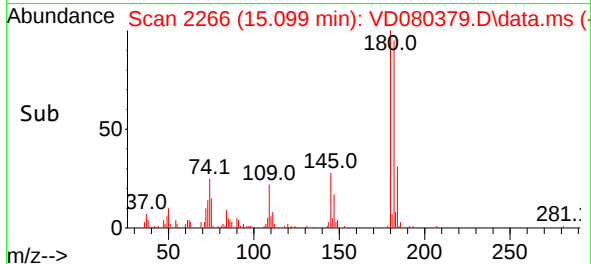
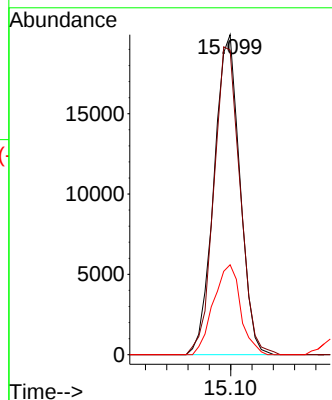
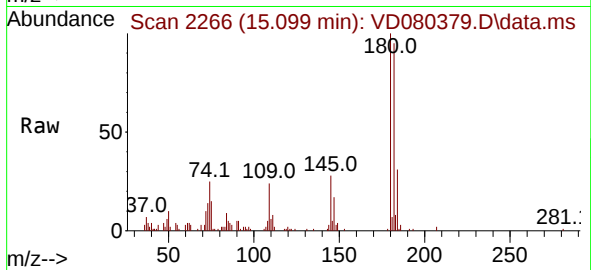
Tgt Ion:180 Resp: 33493

Ion Ratio Lower Upper

180 100

182 97.2 47.4 142.2

145 29.5 14.7 44.1



#94

Hexachlorobutadiene

Concen: 26.012 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.001 min

Lab File: VD080379.D

Acq: 16 May 2025 19:02

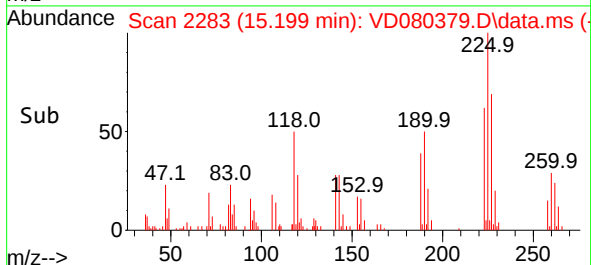
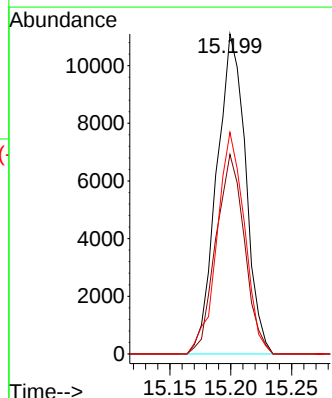
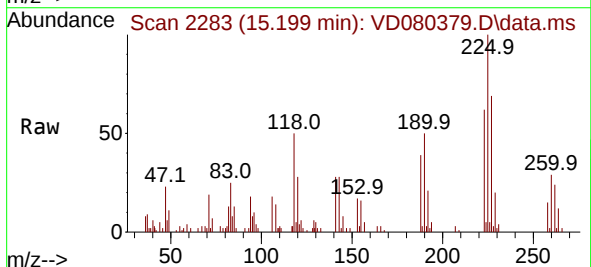
Tgt Ion:225 Resp: 18337

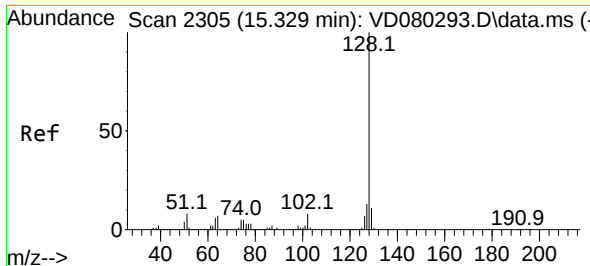
Ion Ratio Lower Upper

225 100

223 61.7 31.5 94.5

227 65.9 30.9 92.5

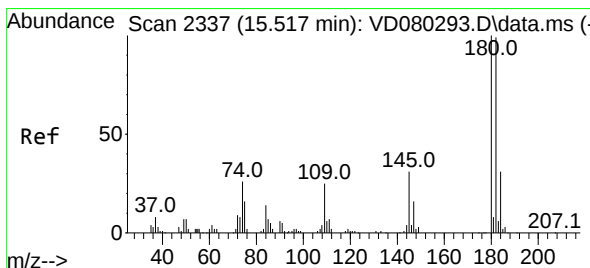
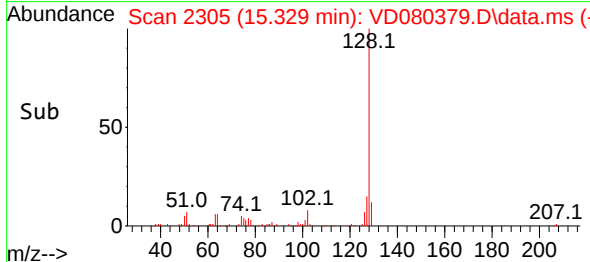
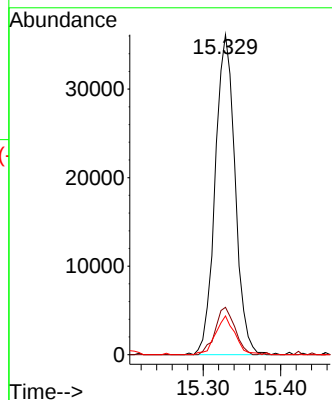
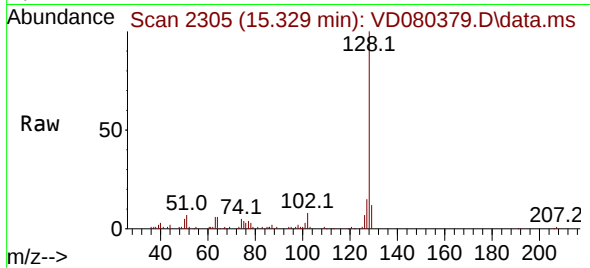




#95
Naphthalene
Concen: 25.430 ug/l
RT: 15.329 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD02

Tgt Ion:	128	Resp:	64702
Ion Ratio	Lower	Upper	
128	100		
127	14.8	11.8	17.8
129	12.1	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 26.067 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080379.D
Acq: 16 May 2025 19:02

Tgt Ion:	180	Resp:	31591
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.5	142.6
145	30.8	15.7	47.0

