

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080319.D
 Acq On : 14 May 2025 13:29
 Operator : RP/MD
 Sample : VY0514SBS01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBS01

Quant Time: May 15 03:33:45 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	107481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	177282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	170015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	97541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	67259	48.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.780%
35) Dibromofluoromethane	7.800	113	62017	52.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.380%
50) Toluene-d8	10.270	98	238107	50.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.720%
62) 4-Bromofluorobenzene	12.570	95	74436	49.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	27472	26.254	ug/l	96
3) Chloromethane	2.153	50	41778	19.600	ug/l	91
4) Vinyl Chloride	2.282	62	55671	19.924	ug/l	98
5) Bromomethane	2.676	94	41154	20.461	ug/l	99
6) Chloroethane	2.829	64	40486	20.493	ug/l	96
7) Trichlorofluoromethane	3.165	101	46677	21.786	ug/l	92
8) Diethyl Ether	3.594	74	12845	19.422	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.965	101	28366	21.488	ug/l	96
10) Methyl Iodide	4.159	142	26930	20.012	ug/l	97
11) Tert butyl alcohol	5.059	59	7831	92.849	ug/l #	85
12) 1,1-Dichloroethene	3.935	96	24417	18.762	ug/l	97
13) Acrolein	3.794	56	8182	55.136	ug/l	98
14) Allyl chloride	4.559	41	36801	17.980	ug/l	98
15) Acrylonitrile	5.259	53	28853	90.745	ug/l	97
16) Acetone	4.023	43	21334	89.429	ug/l	96
17) Carbon Disulfide	4.265	76	89197	19.737	ug/l	97
18) Methyl Acetate	4.564	43	16569	18.423	ug/l	99
19) Methyl tert-butyl Ether	5.312	73	53626	18.756	ug/l	100
20) Methylene Chloride	4.794	84	34732	21.194	ug/l	97
21) trans-1,2-Dichloroethene	5.306	96	28134	19.899	ug/l	97
22) Diisopropyl ether	6.211	45	79835	18.935	ug/l #	92
23) Vinyl Acetate	6.159	43	217491	88.567	ug/l	96
24) 1,1-Dichloroethane	6.106	63	53309	20.093	ug/l	99
25) 2-Butanone	7.088	43	34209	89.452	ug/l #	84
26) 2,2-Dichloropropane	7.070	77	40770	19.311	ug/l	98
27) cis-1,2-Dichloroethene	7.076	96	31080	19.841	ug/l	98
28) Bromochloromethane	7.429	49	22901	18.538	ug/l	93
29) Tetrahydrofuran	7.447	42	21330	85.543	ug/l	98
30) Chloroform	7.594	83	55010	20.791	ug/l	92
31) Cyclohexane	7.876	56	39699	17.581	ug/l	96
32) 1,1,1-Trichloroethane	7.788	97	45775	21.206	ug/l	97
36) 1,1-Dichloropropene	8.011	75	35667	20.085	ug/l	96
37) Ethyl Acetate	7.170	43	17001	18.308	ug/l #	75
38) Carbon Tetrachloride	7.988	117	40179	21.695	ug/l	97
39) Methylcyclohexane	9.276	83	40065	19.443	ug/l	85
40) Benzene	8.253	78	113402	20.381	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	7757	15.095	ug/l #	88
42) 1,2-Dichloroethane	8.323	62	32908	20.410	ug/l	97
43) Isopropyl Acetate	8.358	43	31415	18.657	ug/l	98
44) Trichloroethene	9.023	130	26968	20.879	ug/l	91
45) 1,2-Dichloropropane	9.305	63	28878	20.236	ug/l	99
46) Dibromomethane	9.400	93	17384	22.375	ug/l	93
47) Bromodichloromethane	9.582	83	40727	20.652	ug/l	96
48) Methyl methacrylate	9.382	41	14320	17.898	ug/l	95
49) 1,4-Dioxane	9.388	88	3208	347.288	ug/l #	81
51) 4-Methyl-2-Pentanone	10.158	43	83049	95.722	ug/l	95
52) Toluene	10.329	92	69381	20.698	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	36477	20.290	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	41897	20.111	ug/l	98
55) 1,1,2-Trichloroethane	10.735	97	21733	21.147	ug/l	93
56) Ethyl methacrylate	10.599	69	23476	18.851	ug/l	94
57) 1,3-Dichloropropane	10.876	76	35143	20.575	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	48087	94.353	ug/l	100
59) 2-Hexanone	10.923	43	54364	91.088	ug/l	95
60) Dibromochloromethane	11.070	129	28525	22.148	ug/l	97
61) 1,2-Dibromoethane	11.176	107	20360	21.364	ug/l	99
64) Tetrachloroethene	10.811	164	23412	20.335	ug/l	96
65) Chlorobenzene	11.605	112	75933	19.780	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.682	131	28484	21.597	ug/l	94
67) Ethyl Benzene	11.682	91	122591	19.109	ug/l	99
68) m/p-Xylenes	11.794	106	98831	39.676	ug/l	99
69) o-Xylene	12.123	106	43731	19.212	ug/l	95
70) Styrene	12.135	104	81912	20.041	ug/l	99
71) Bromoform	12.294	173	16491	21.045	ug/l #	95
73) Isopropylbenzene	12.417	105	112106	17.718	ug/l	99
74) N-amyl acetate	12.229	43	30586	16.843	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.670	83	27288	19.612	ug/l	96
76) 1,2,3-Trichloropropane	12.717	75	32224	34.230	ug/l #	100
77) Bromobenzene	12.699	156	31996	19.495	ug/l	99
78) n-propylbenzene	12.758	91	146938	18.505	ug/l	99
79) 2-Chlorotoluene	12.846	91	85532	18.519	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	100614	18.644	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.470	75	9608	19.373	ug/l	96
82) 4-Chlorotoluene	12.946	91	96999	19.456	ug/l	99
83) tert-Butylbenzene	13.164	119	80789	17.940	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	102548	18.572	ug/l	99
85) sec-Butylbenzene	13.341	105	127008	18.289	ug/l	99
86) p-Isopropyltoluene	13.458	119	103447	17.724	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	63836	18.650	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	64159	18.594	ug/l	98
89) n-Butylbenzene	13.782	91	100066	17.661	ug/l	99
90) Hexachloroethane	14.052	117	25240	19.544	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	58430	19.652	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	3998	18.029	ug/l	99
93) 1,2,4-Trichlorobenzene	15.099	180	32872	17.580	ug/l	98
94) Hexachlorobutadiene	15.199	225	18668	19.190	ug/l	100
95) Naphthalene	15.329	128	59175	16.854	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	30749	18.386	ug/l	97

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ClientSampleId :
VD0514SBS01

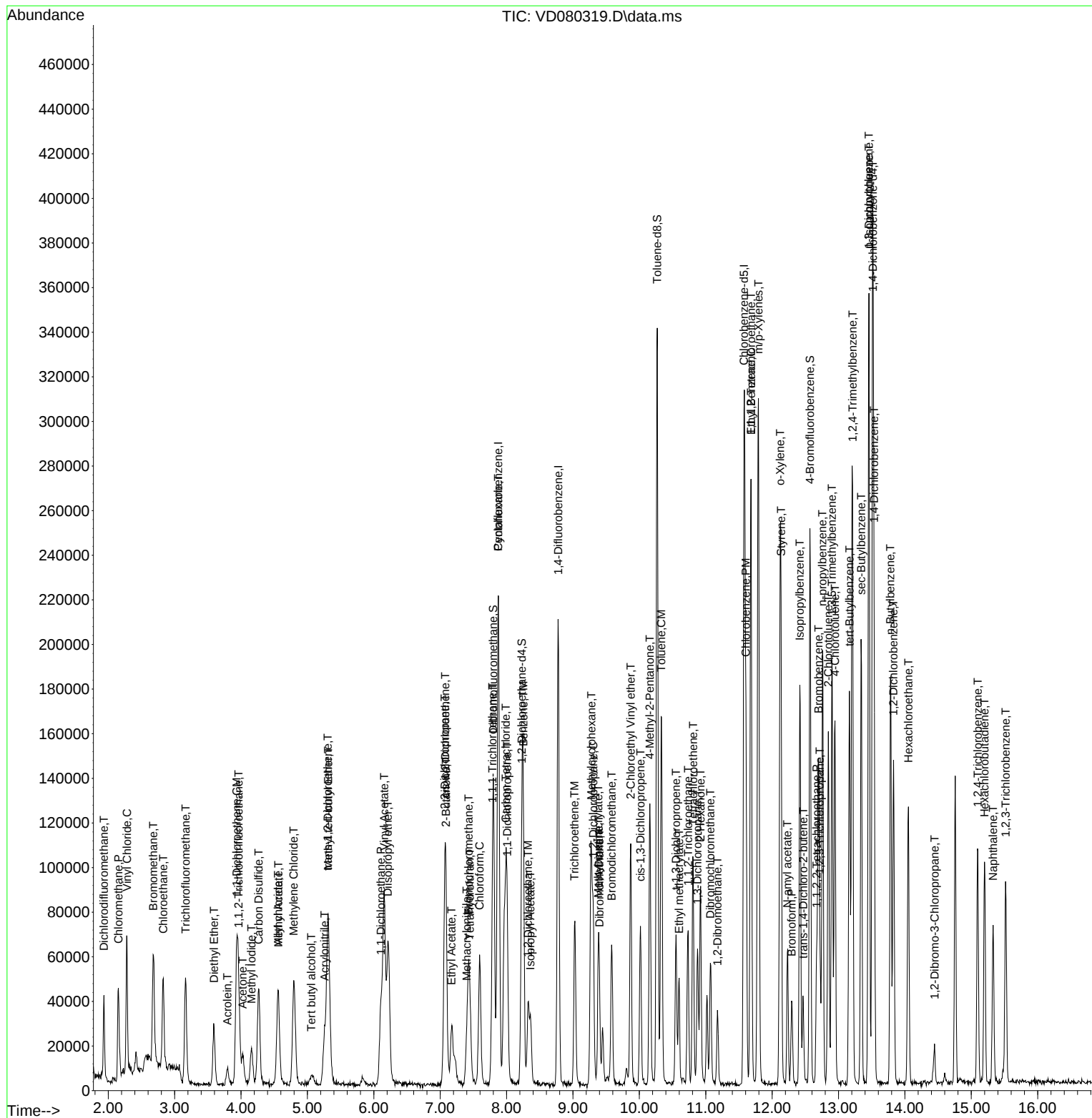
Quant Time: May 15 03:33:45 2025
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Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
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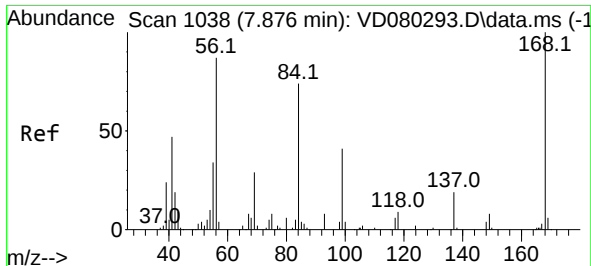
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
ClientSampleId :
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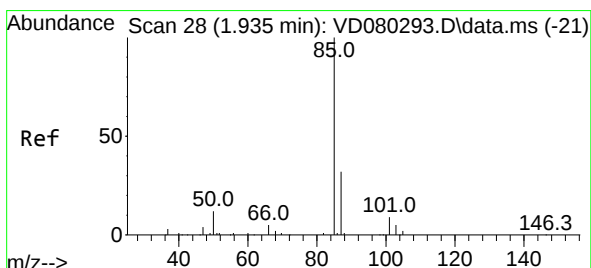
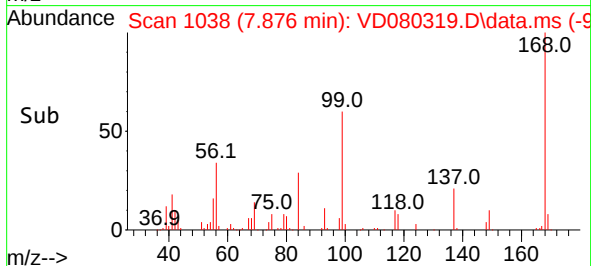
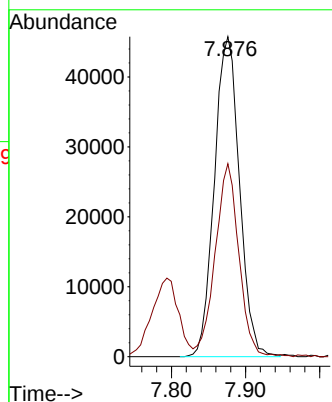
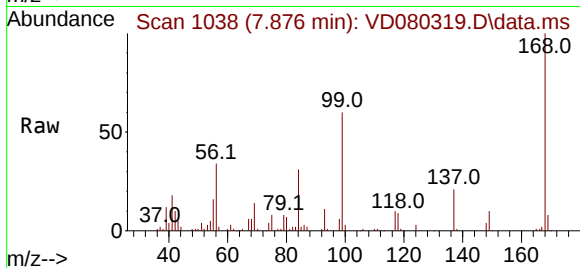




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080319.D
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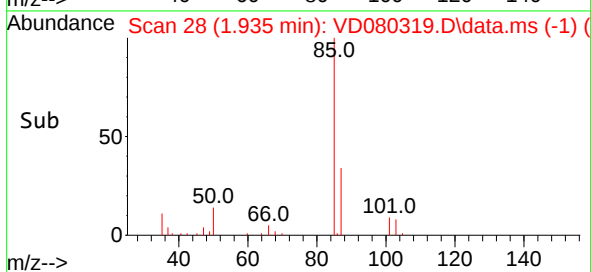
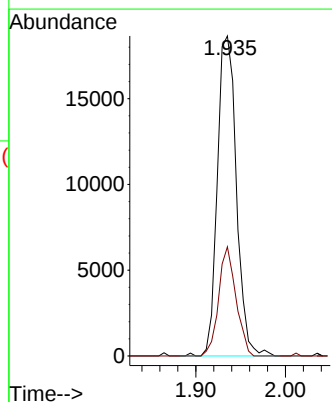
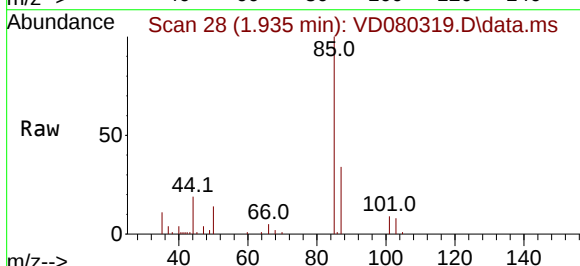
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

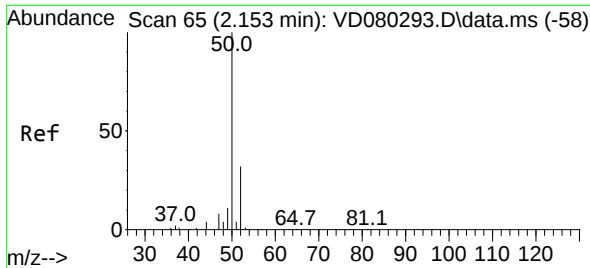
Tgt Ion:168 Resp: 107481
Ion Ratio Lower Upper
168 100
99 59.6 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 26.254 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 85 Resp: 27472
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2

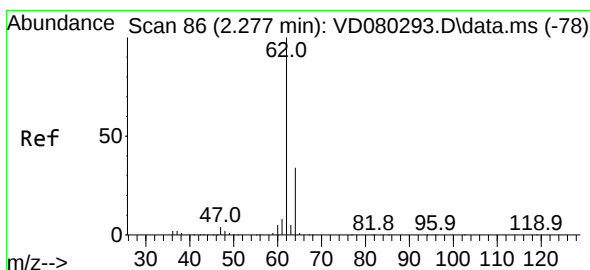
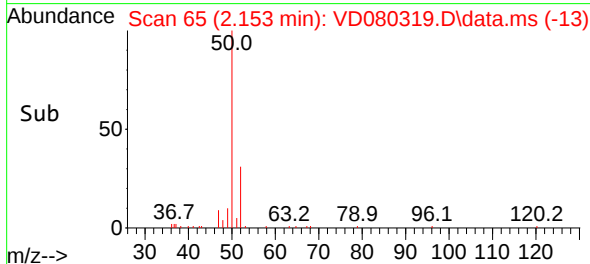
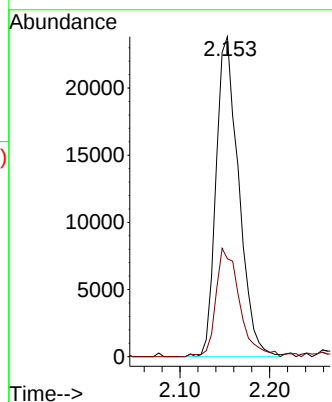
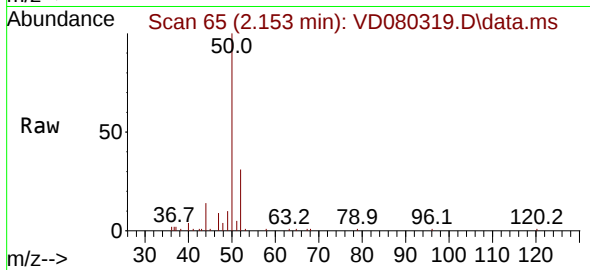




#3
Chloromethane
Concen: 19.600 ug/l
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

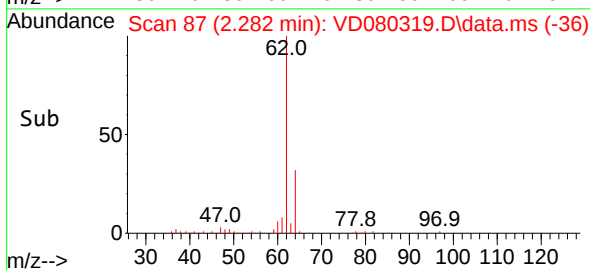
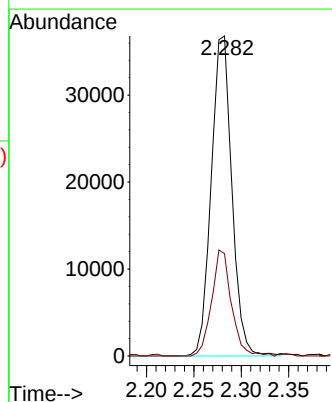
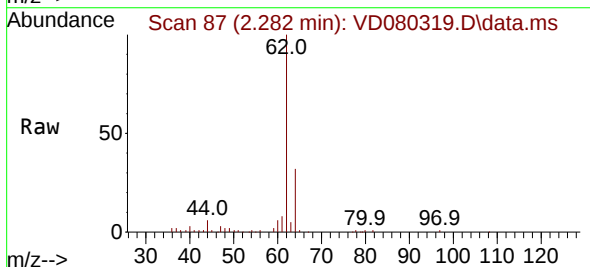
Instrument :
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ClientSampleId :
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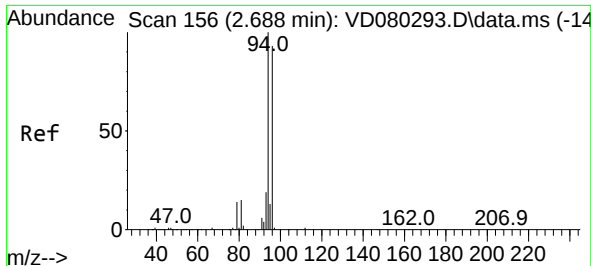
Tgt Ion: 50 Resp: 41778
Ion Ratio Lower Upper
50 100
52 30.6 28.8 43.2



#4
Vinyl Chloride
Concen: 19.924 ug/l
RT: 2.282 min Scan# 87
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 62 Resp: 55671
Ion Ratio Lower Upper
62 100
64 32.0 26.5 39.7

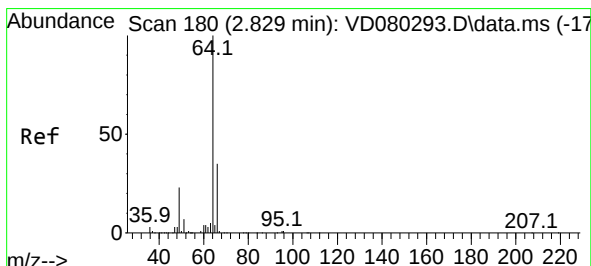
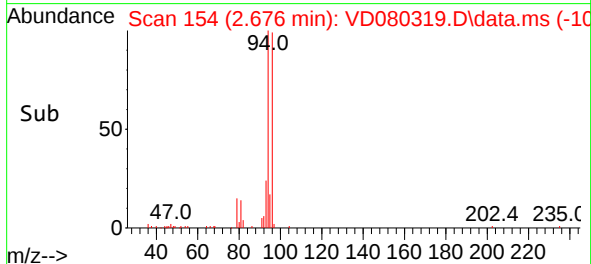
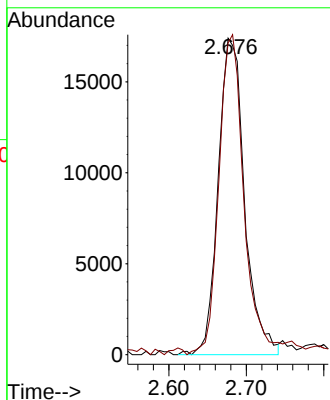
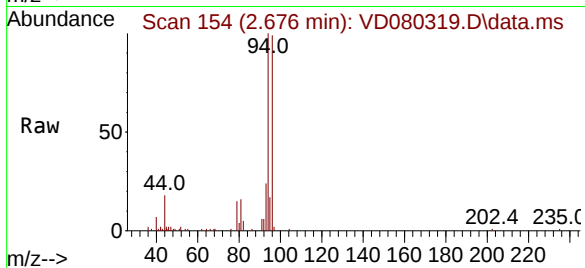




#5
Bromomethane
Concen: 20.461 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

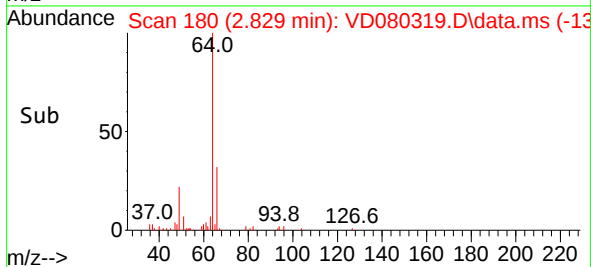
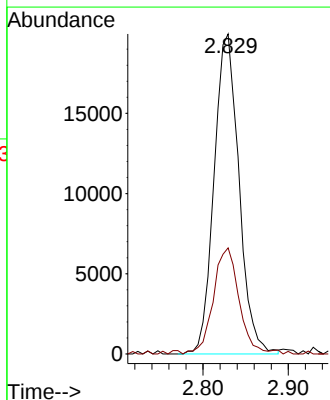
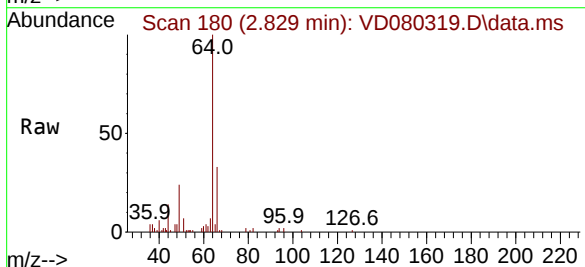
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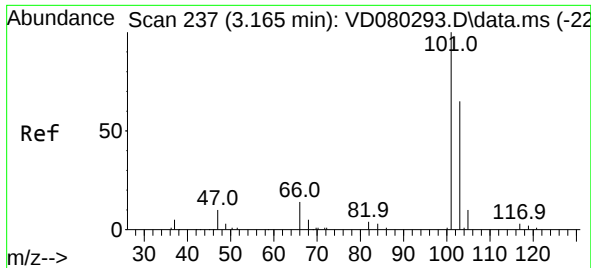
Tgt Ion: 94 Resp: 41154
Ion Ratio Lower Upper
94 100
96 96.0 76.2 114.2



#6
Chloroethane
Concen: 20.493 ug/l
RT: 2.829 min Scan# 180
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 64 Resp: 40486
Ion Ratio Lower Upper
64 100
66 32.1 27.6 41.4

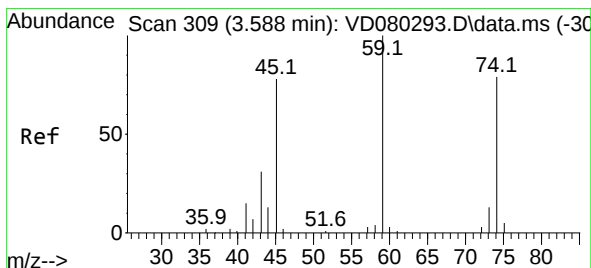
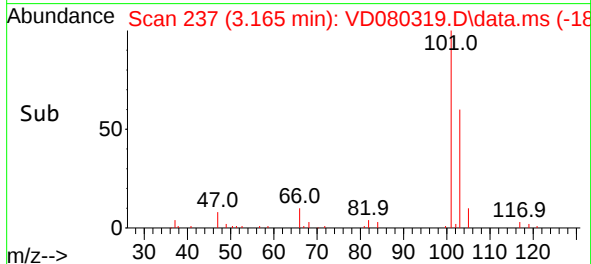
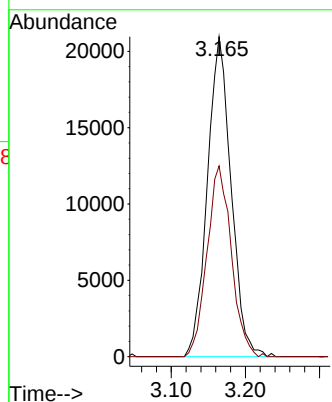
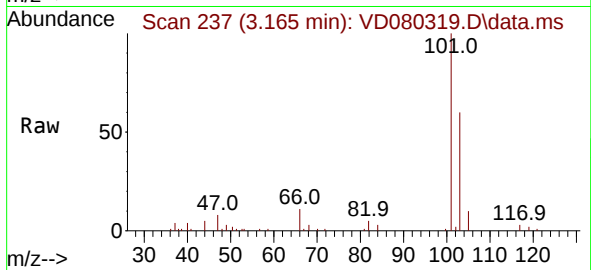




#7
 Trichlorofluoromethane
 Concen: 21.786 ug/l
 RT: 3.165 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

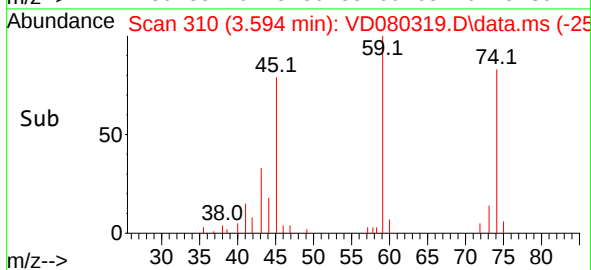
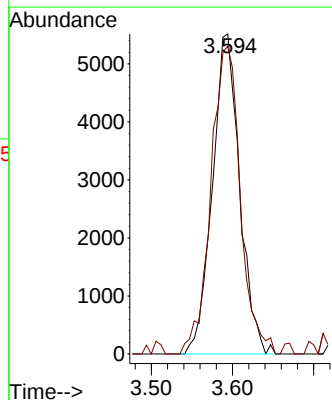
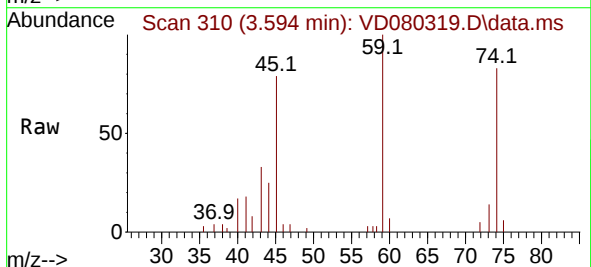
Instrument :
 MSVOA_D
 ClientSampleId :
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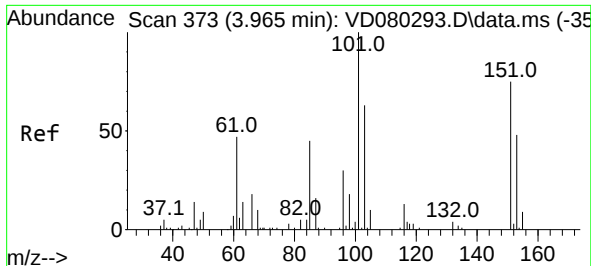
Tgt Ion:101 Resp: 46677
 Ion Ratio Lower Upper
 101 100
 103 59.6 53.0 79.6



#8
 Diethyl Ether
 Concen: 19.422 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.001 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

Tgt Ion: 74 Resp: 12845
 Ion Ratio Lower Upper
 74 100
 45 104.2 47.8 143.3

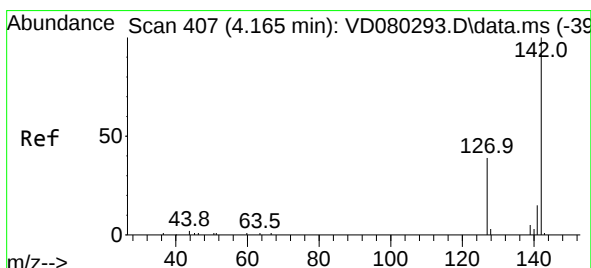
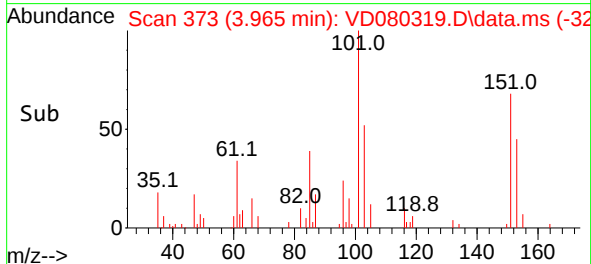
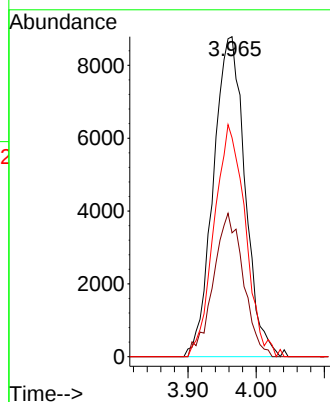
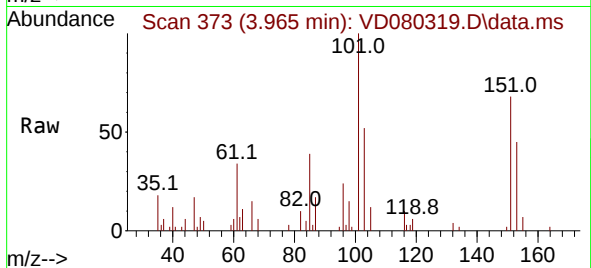




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.488 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

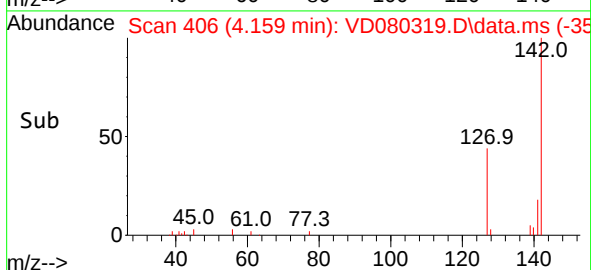
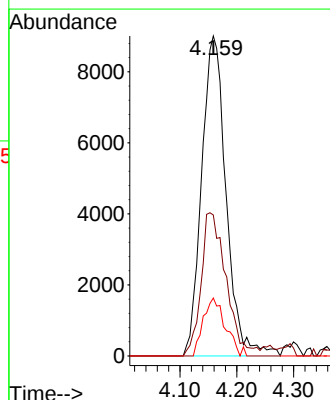
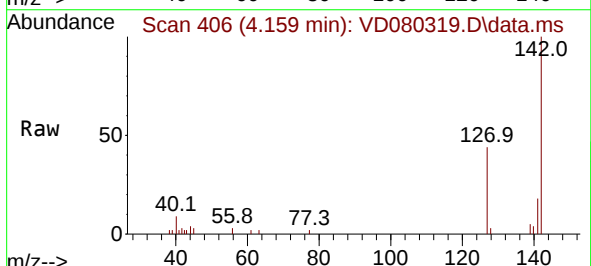
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

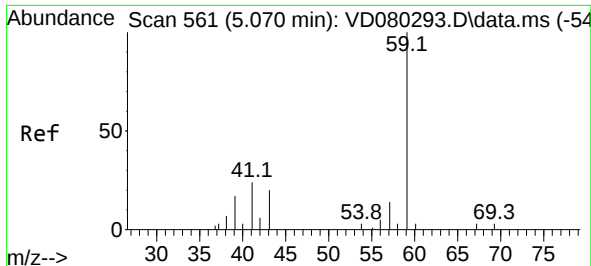
Tgt Ion:101	Resp:	28366
Ion Ratio	Lower	Upper
101	100	
85	42.5	35.3 52.9
151	71.6	60.3 90.5



#10
Methyl Iodide
Concen: 20.012 ug/l
RT: 4.159 min Scan# 406
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion:142	Resp:	26930
Ion Ratio	Lower	Upper
142	100	
127	45.8	35.3 52.9
141	16.4	12.2 18.2

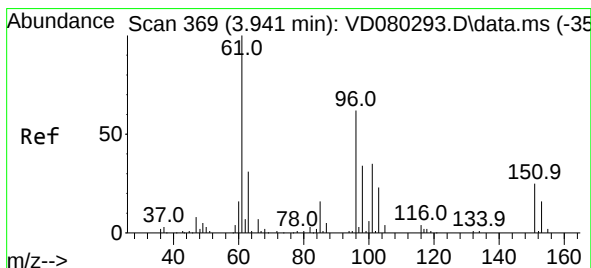
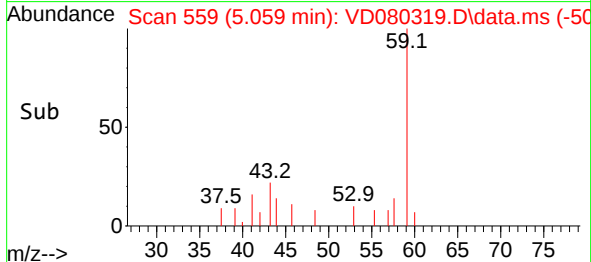
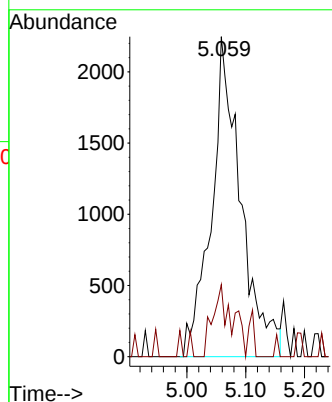
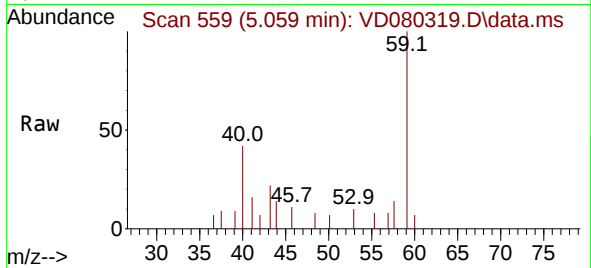




#11
Tert butyl alcohol
Concen: 92.849 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

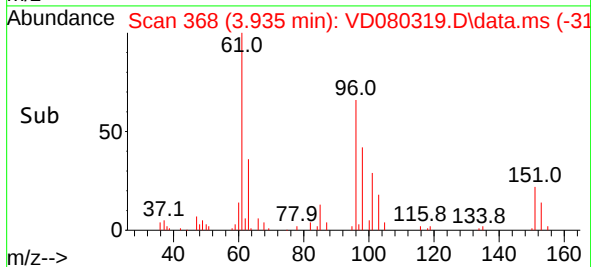
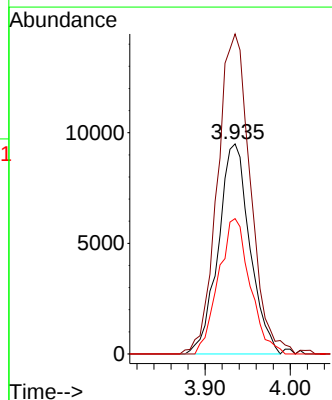
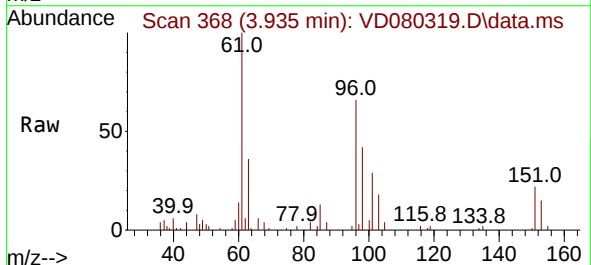
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

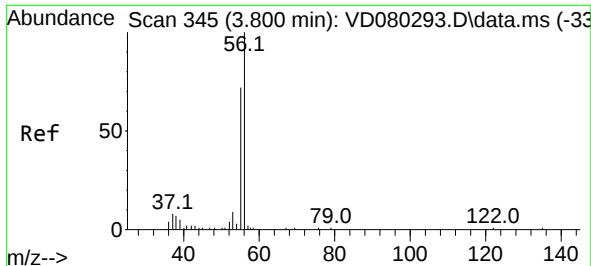
Tgt Ion: 59 Resp: 7831
Ion Ratio Lower Upper
59 100
57 11.0 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 18.762 ug/l
RT: 3.935 min Scan# 368
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 96 Resp: 24417
Ion Ratio Lower Upper
96 100
61 152.3 122.6 184.0
98 64.4 47.1 70.7





#13

Acrolein

Concen: 55.136 ug/l

RT: 3.794 min Scan# 345

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

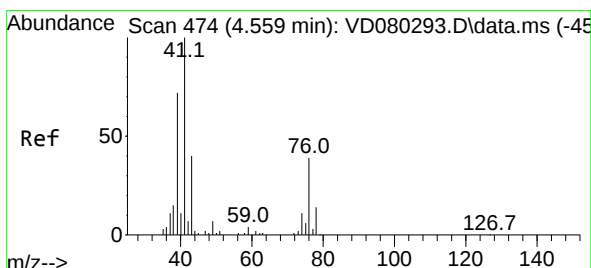
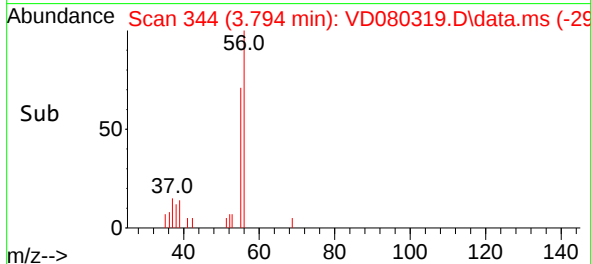
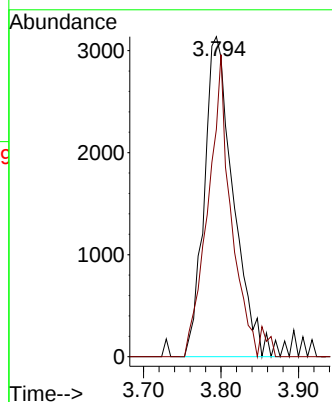
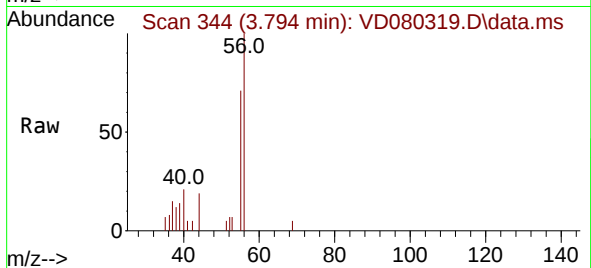
VD0514SBS01

Tgt Ion: 56 Resp: 8182

Ion Ratio Lower Upper

56 100

55 74.0 58.2 87.2



#14

Allyl chloride

Concen: 17.980 ug/l

RT: 4.559 min Scan# 474

Delta R.T. -0.005 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

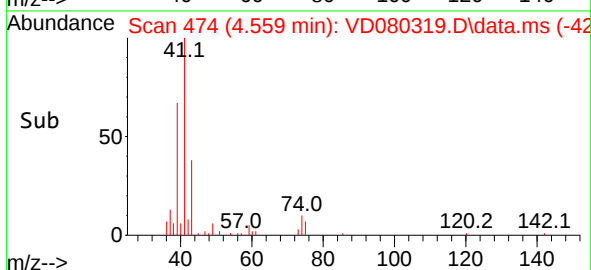
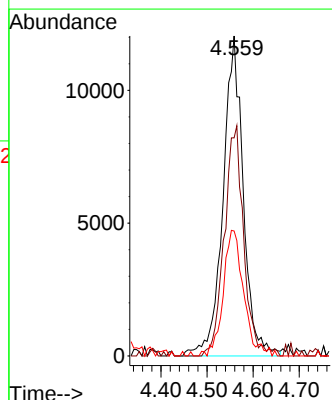
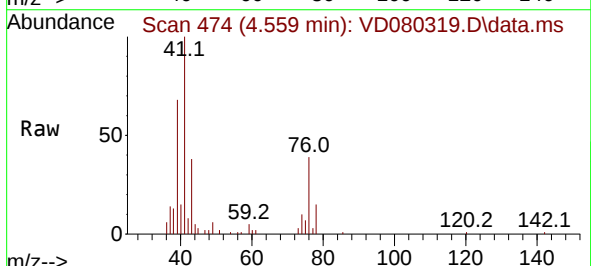
Tgt Ion: 41 Resp: 36801

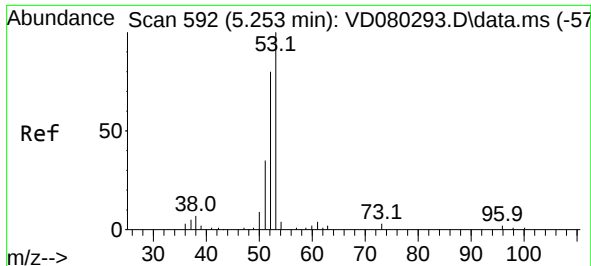
Ion Ratio Lower Upper

41 100

39 68.8 53.3 79.9

76 39.7 32.0 48.0

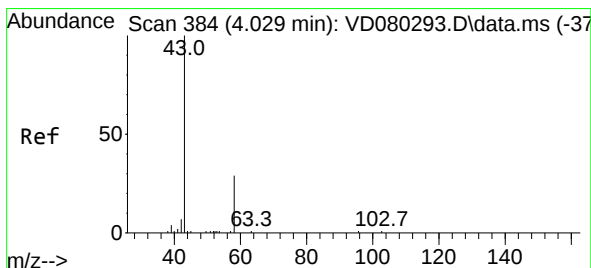
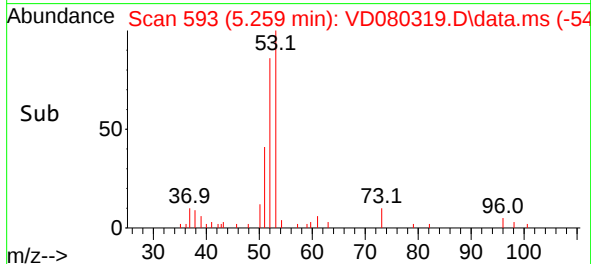
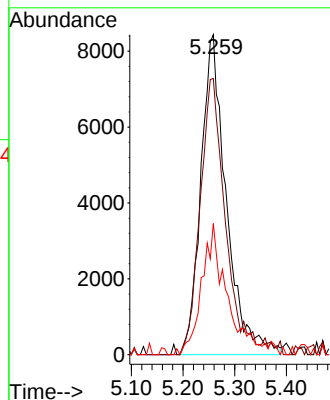
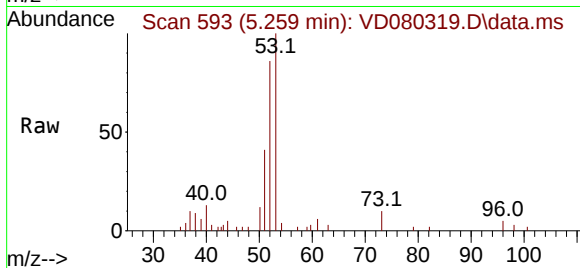




#15
Acrylonitrile
Concen: 90.745 ug/l
RT: 5.259 min Scan# 592
Delta R.T. 0.007 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

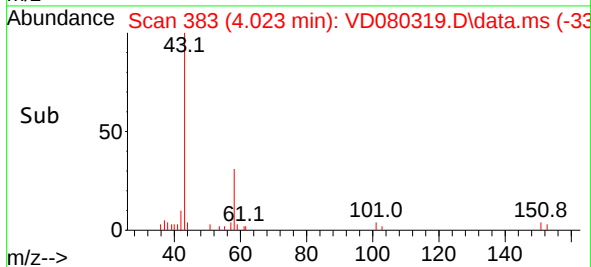
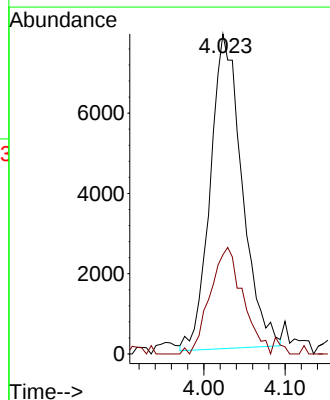
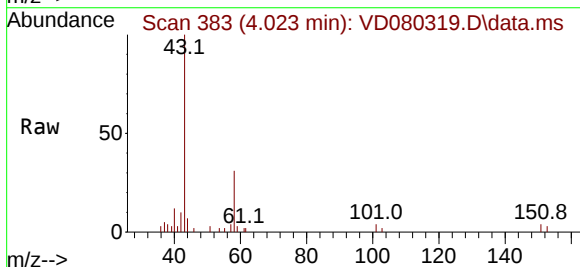
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

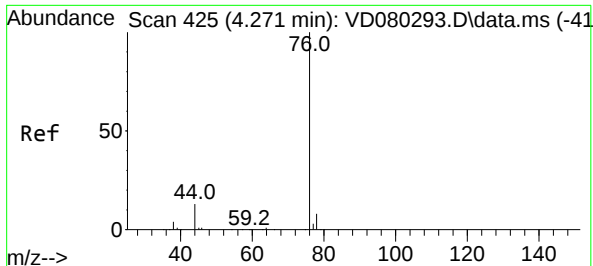
Tgt Ion:	53	Resp:	28853
Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.2	99.4
51	39.8	30.3	45.5



#16
Acetone
Concen: 89.429 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion:	43	Resp:	21334
Ion	Ratio	Lower	Upper
43	100		
58	29.5	25.4	38.2

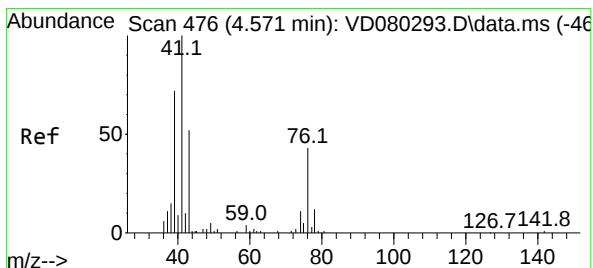
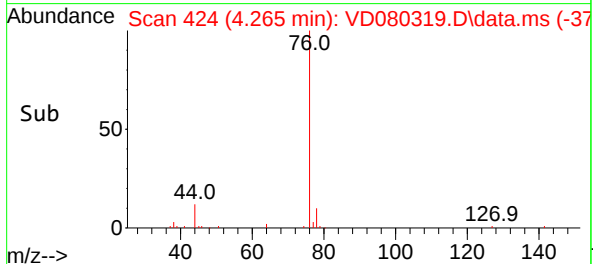
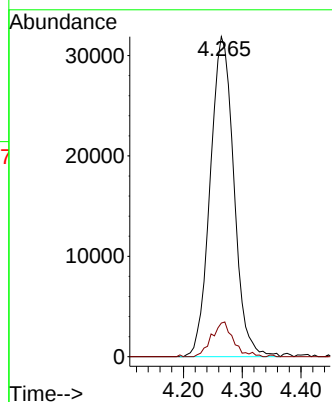
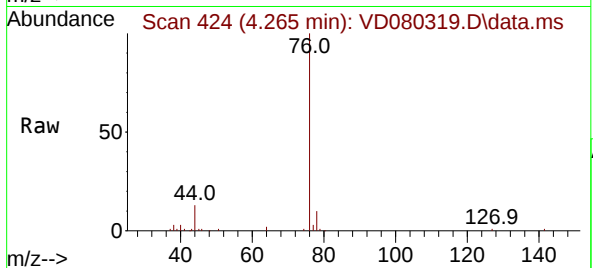




#17
Carbon Disulfide
Concen: 19.737 ug/l
RT: 4.265 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

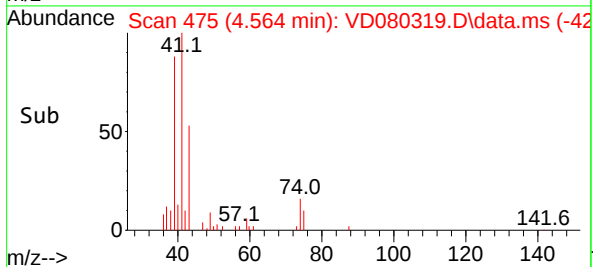
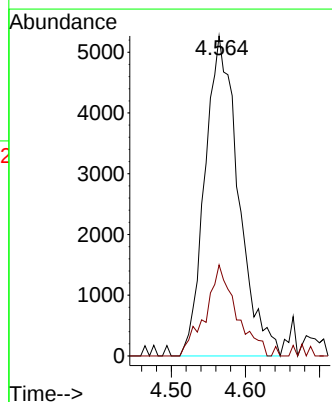
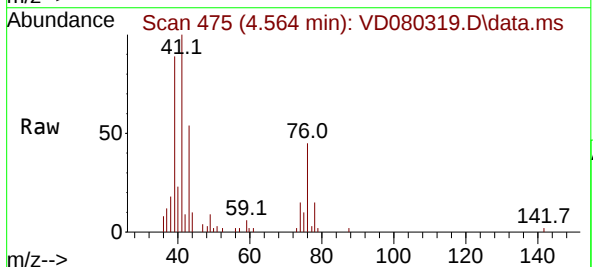
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

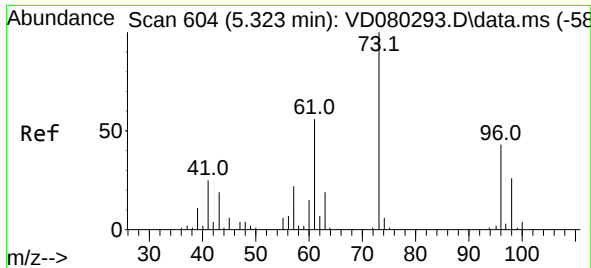
Tgt Ion: 76 Resp: 89197
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3



#18
Methyl Acetate
Concen: 18.423 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 43 Resp: 16569
Ion Ratio Lower Upper
43 100
74 26.1 20.5 30.7

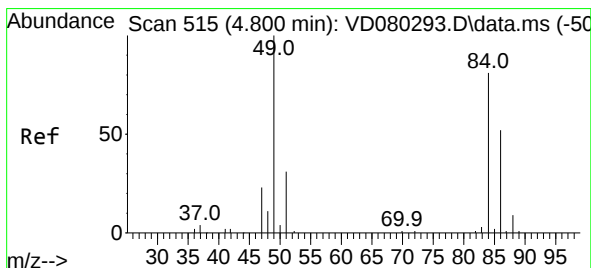
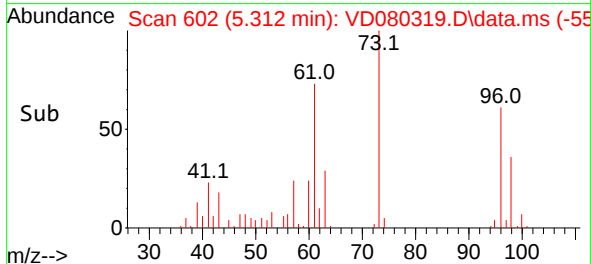
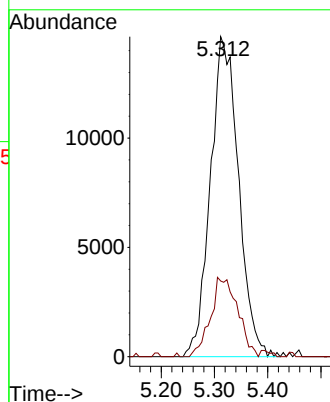
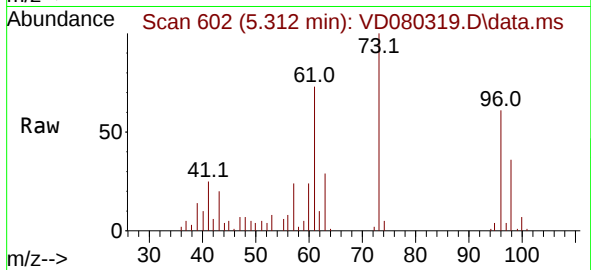




#19
Methyl tert-butyl Ether
Concen: 18.756 ug/l
RT: 5.312 min Scan# 604
Delta R.T. -0.010 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

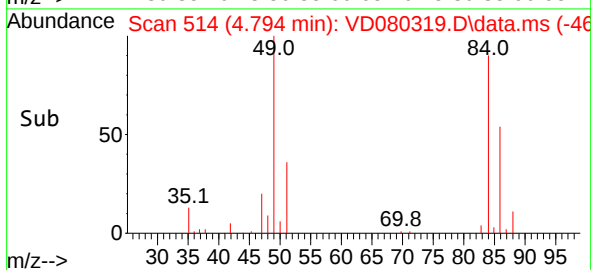
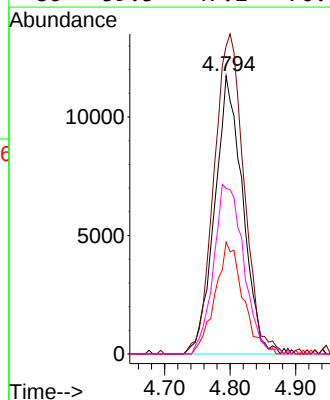
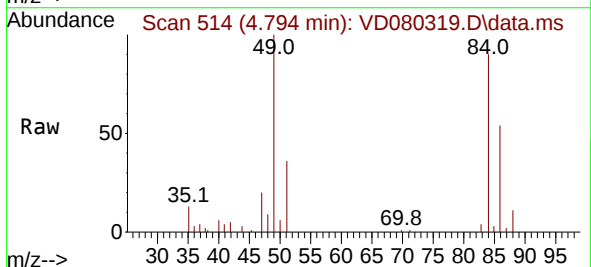
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

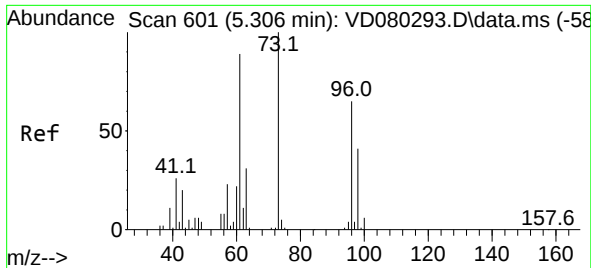
Tgt Ion: 73 Resp: 53626
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2



#20
Methylene Chloride
Concen: 21.194 ug/l
RT: 4.794 min Scan# 514
Delta R.T. -0.011 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 84 Resp: 34732
Ion Ratio Lower Upper
84 100
49 109.4 86.5 129.7
51 40.3 26.9 40.3
86 59.5 47.2 70.8

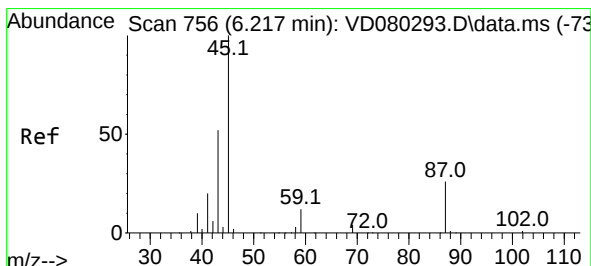
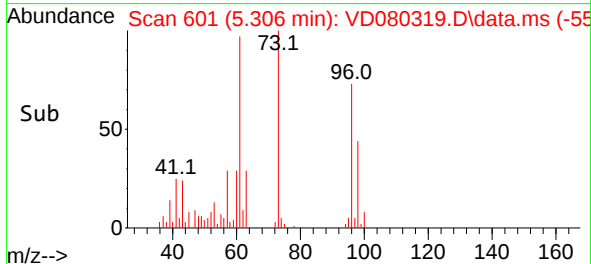
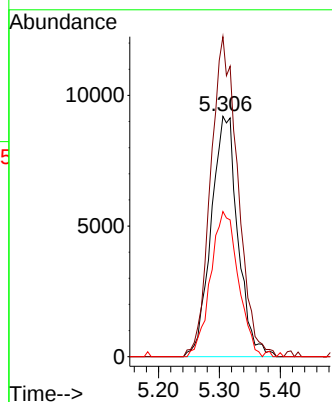
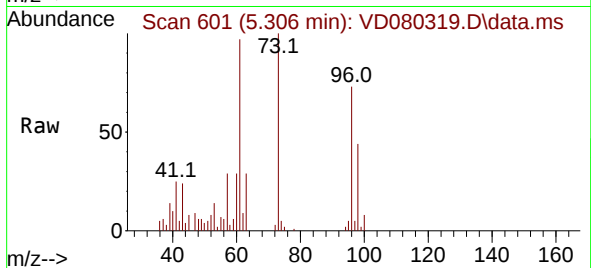




#21
trans-1,2-Dichloroethene
Concen: 19.899 ug/l
RT: 5.306 min Scan# 601
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

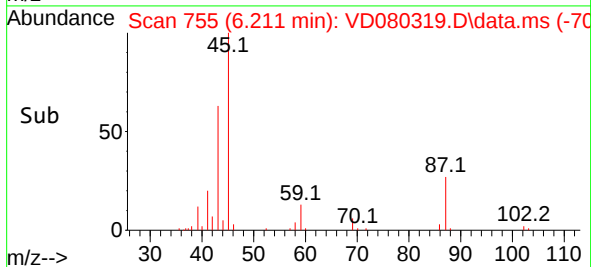
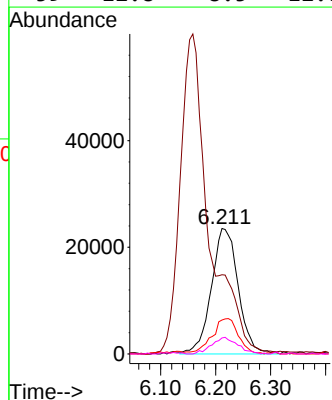
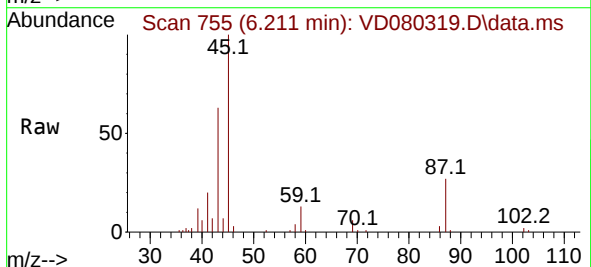
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

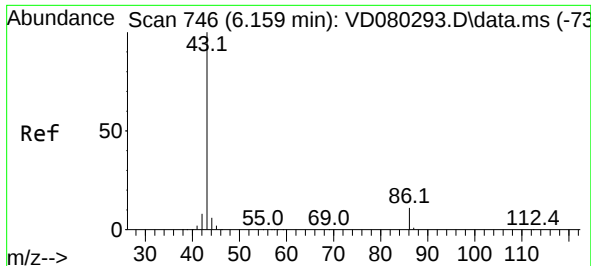
Tgt Ion: 96 Resp: 28134
Ion Ratio Lower Upper
96 100
61 133.1 109.4 164.0
98 60.4 49.8 74.8



#22
Diisopropyl ether
Concen: 18.935 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 45 Resp: 79835
Ion Ratio Lower Upper
45 100
43 60.9 42.6 63.8
87 27.0 22.7 34.1
59 12.8 8.5 12.7#

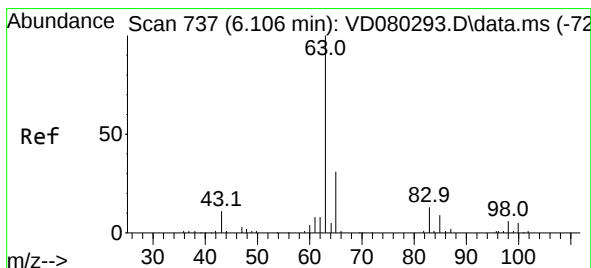
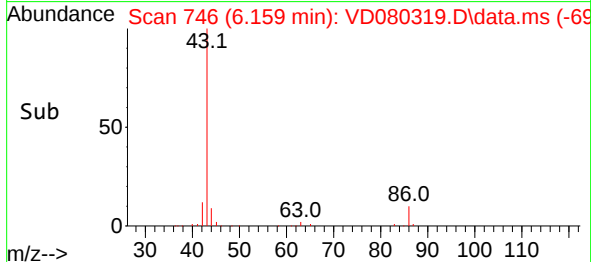
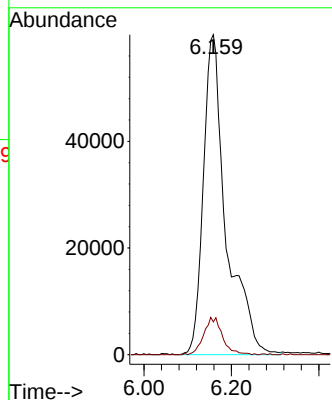
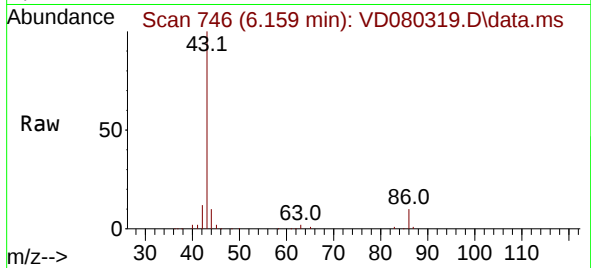




#23
 Vinyl Acetate
 Concen: 88.567 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

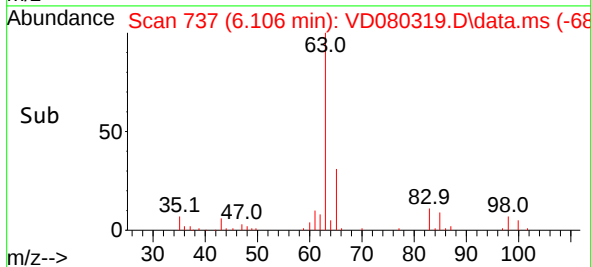
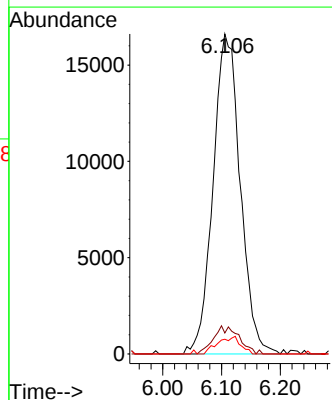
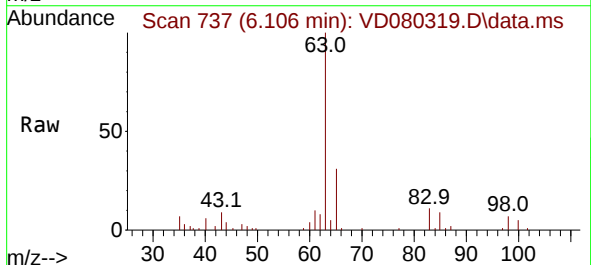
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBS01

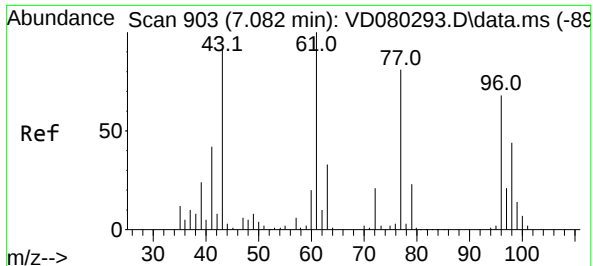
Tgt Ion: 43 Resp: 217491
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 20.093 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. -0.011 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

Tgt Ion: 63 Resp: 53309
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 89.452 ug/l

RT: 7.088 min Scan# 904

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

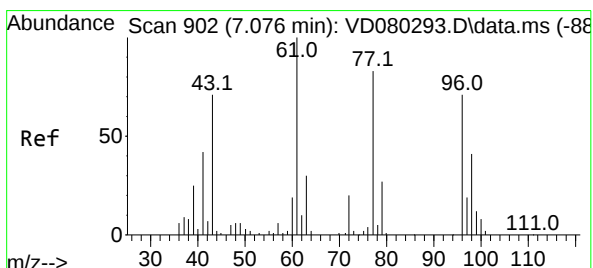
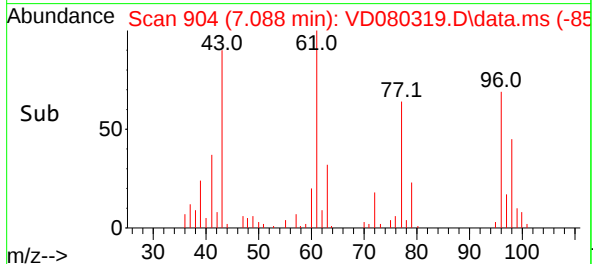
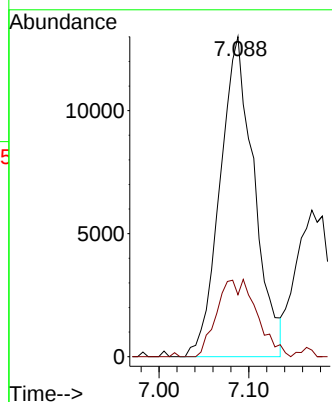
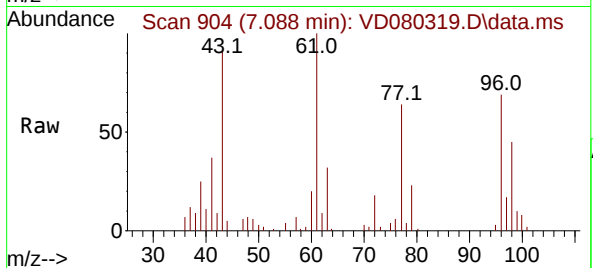
VD0514SBS01

Tgt Ion: 43 Resp: 34209

Ion Ratio Lower Upper

43 100

72 19.4 22.3 33.5#



#26

2,2-Dichloropropane

Concen: 19.311 ug/l

RT: 7.070 min Scan# 901

Delta R.T. -0.005 min

Lab File: VD080319.D

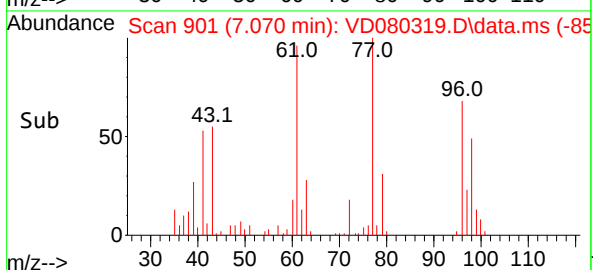
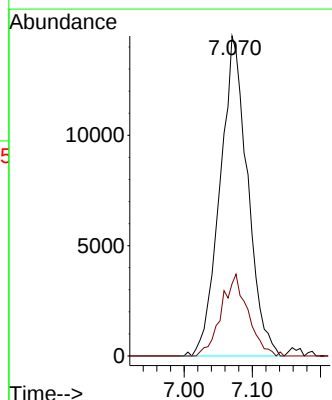
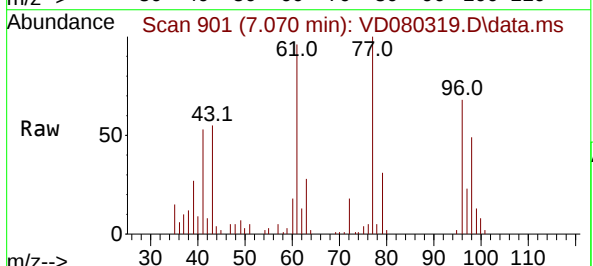
Acq: 14 May 2025 13:29

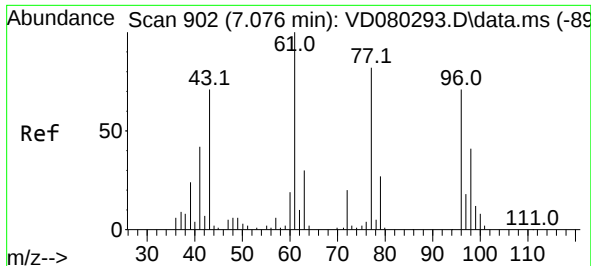
Tgt Ion: 77 Resp: 40770

Ion Ratio Lower Upper

77 100

97 24.8 11.9 35.9

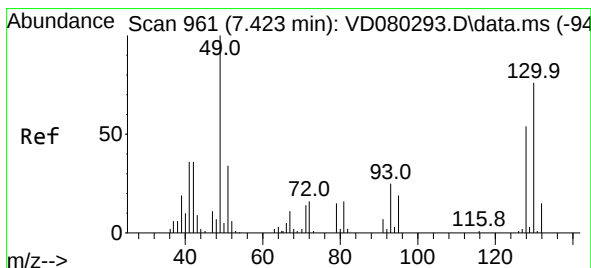
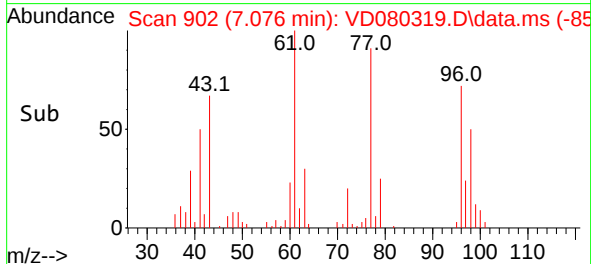
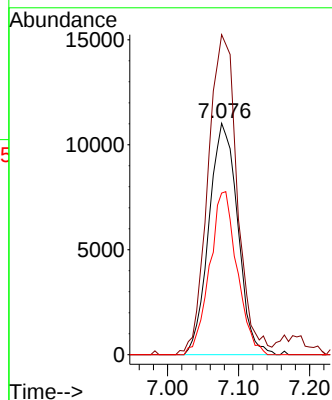
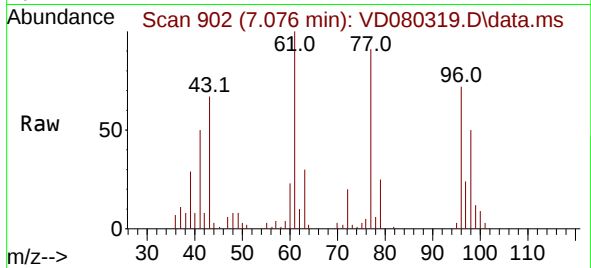




#27
 cis-1,2-Dichloroethene
 Concen: 19.841 ug/l
 RT: 7.076 min Scan# 90
 Delta R.T. -0.005 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

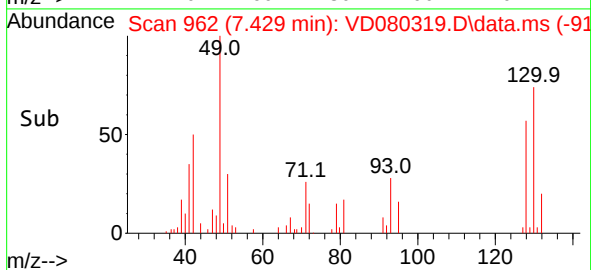
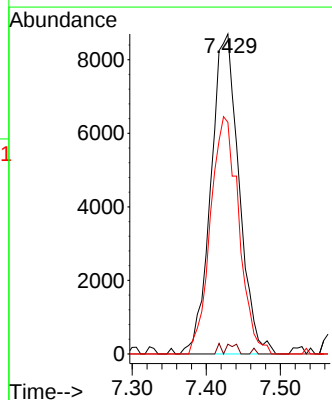
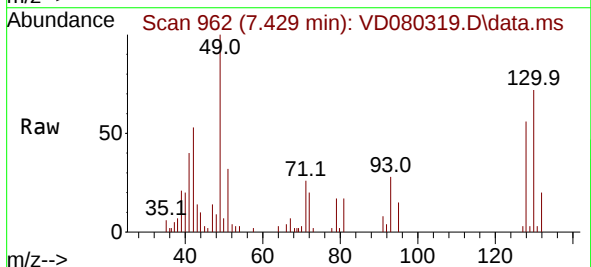
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBS01

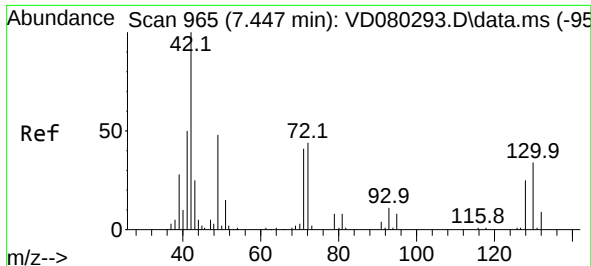
Tgt Ion: 96 Resp: 31080
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 278.2
 98 67.1 0.0 127.8



#28
 Bromochloromethane
 Concen: 18.538 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.001 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

Tgt Ion: 49 Resp: 22901
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 2.2
 130 74.8 64.6 97.0





#29

Tetrahydrofuran

Concen: 85.543 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

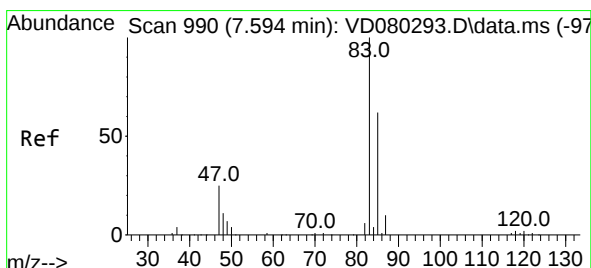
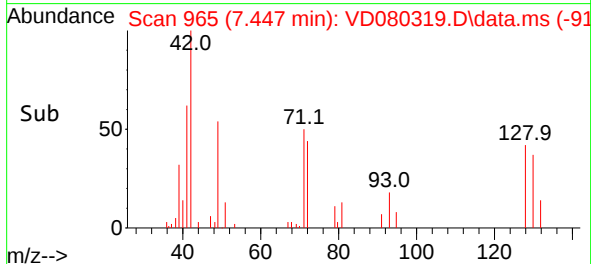
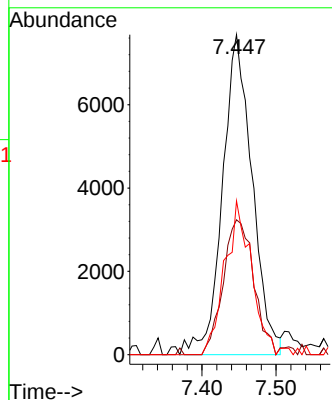
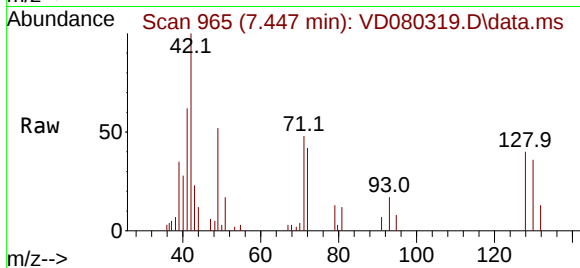
Tgt Ion: 42 Resp: 21330

Ion Ratio Lower Upper

42 100

72 43.7 36.7 55.1

71 43.1 34.4 51.6



#30

Chloroform

Concen: 20.791 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080319.D

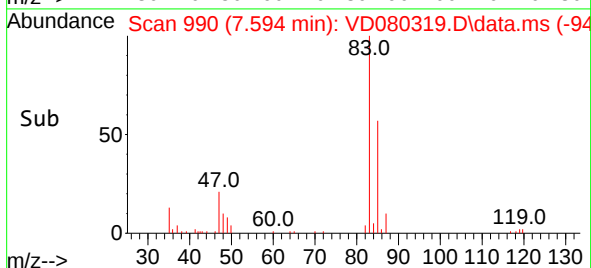
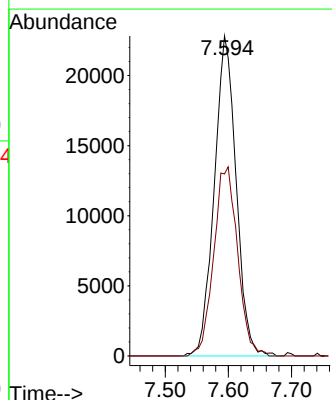
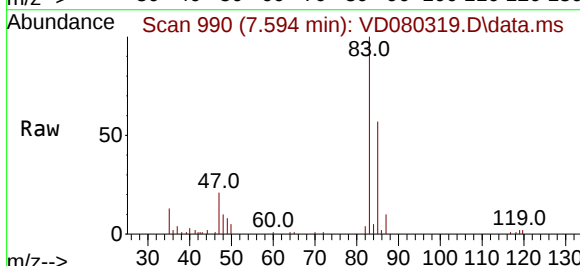
Acq: 14 May 2025 13:29

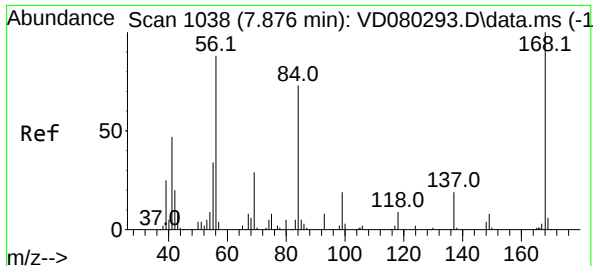
Tgt Ion: 83 Resp: 55010

Ion Ratio Lower Upper

83 100

85 56.9 50.8 76.2

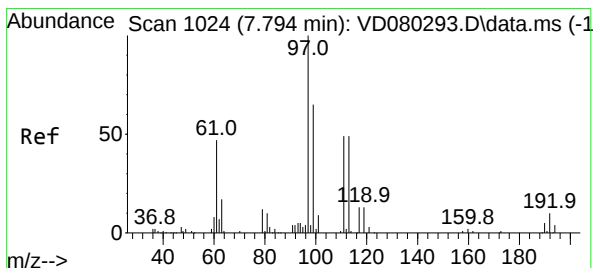
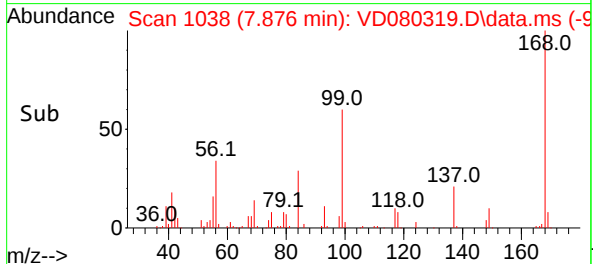
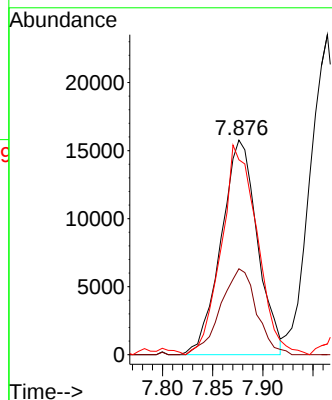
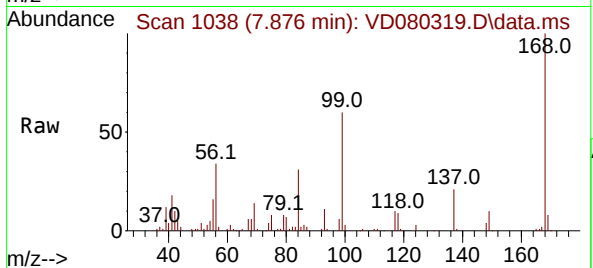




#31
Cyclohexane
Concen: 17.581 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

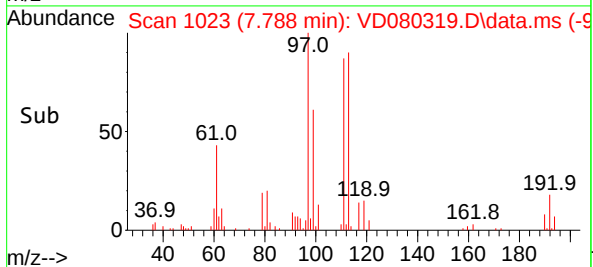
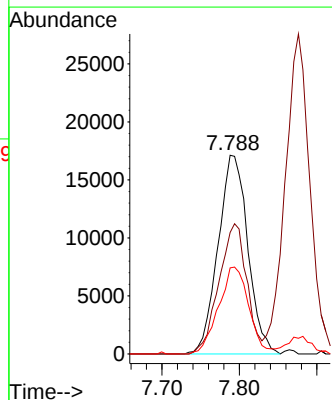
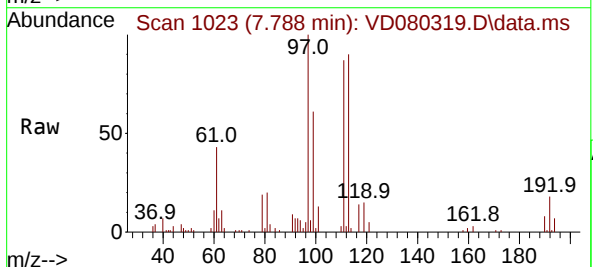
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

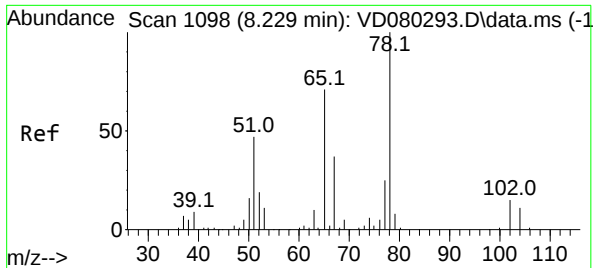
Tgt Ion: 56 Resp: 39699
Ion Ratio Lower Upper
56 100
69 40.0 27.3 40.9
84 89.7 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 21.206 ug/l
RT: 7.788 min Scan# 1023
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 97 Resp: 45775
Ion Ratio Lower Upper
97 100
99 61.5 50.7 76.1
61 44.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.391 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

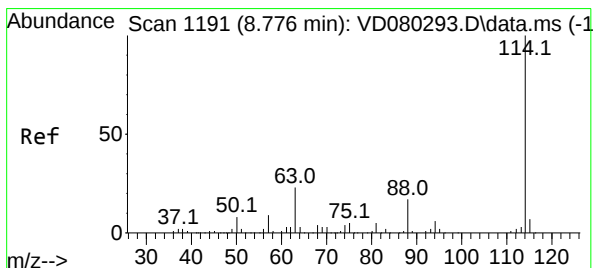
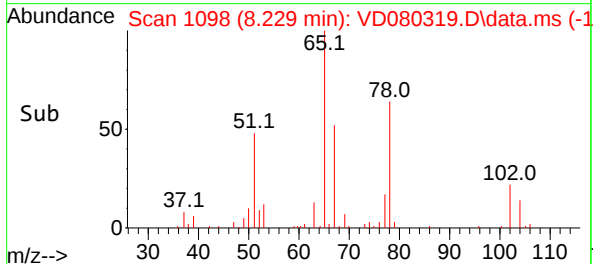
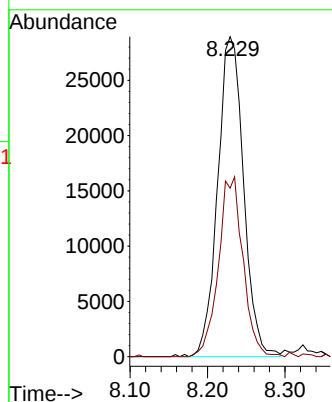
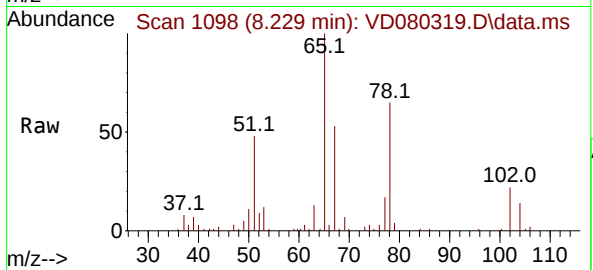
VD0514SBS01

Tgt Ion: 65 Resp: 67259

Ion Ratio Lower Upper

65 100

67 53.4 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: VD080319.D

Acq: 14 May 2025 13:29

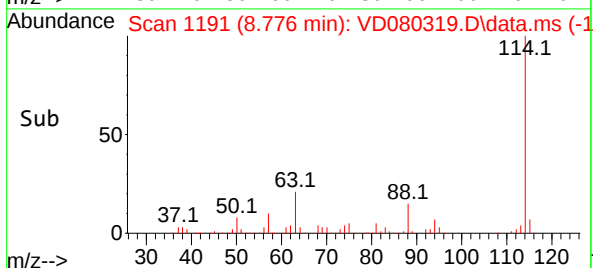
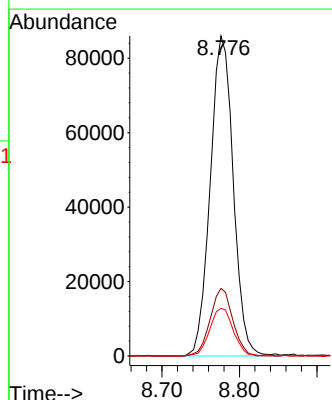
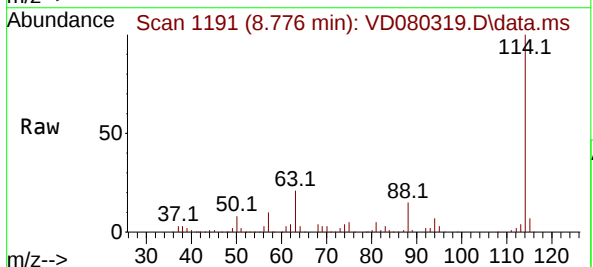
Tgt Ion: 114 Resp: 177282

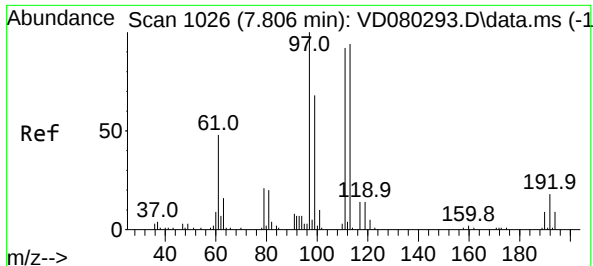
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.8

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.194 ug/l

RT: 7.800 min Scan# 1026

Delta R.T. -0.005 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

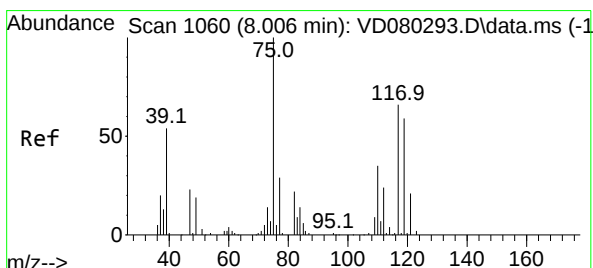
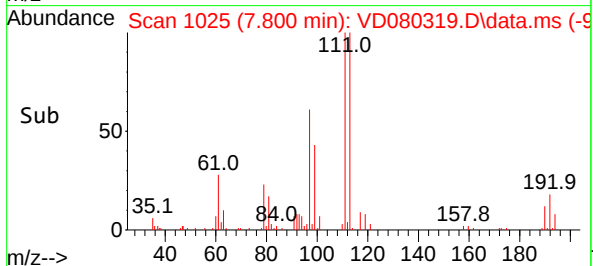
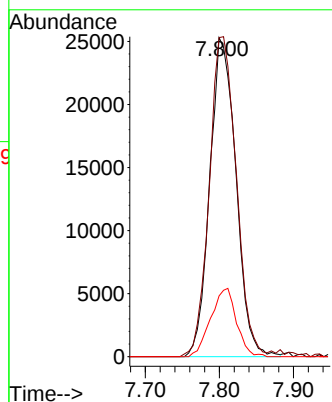
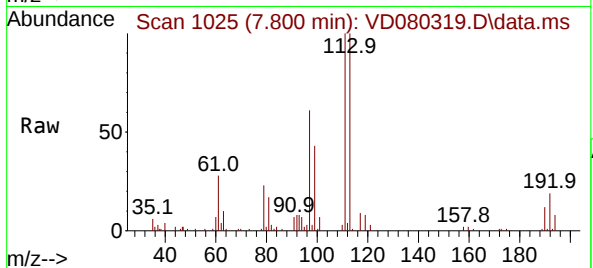
Tgt Ion:113 Resp: 62017

Ion Ratio Lower Upper

113 100

111 103.2 82.5 123.7

192 21.1 16.6 25.0



#36

1,1-Dichloropropene

Concen: 20.085 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

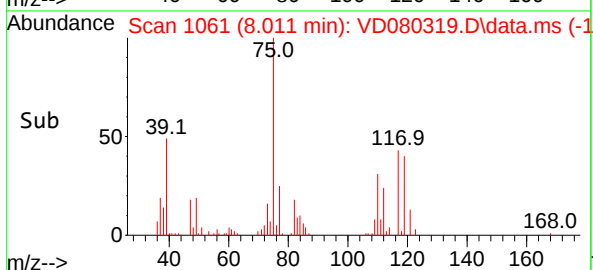
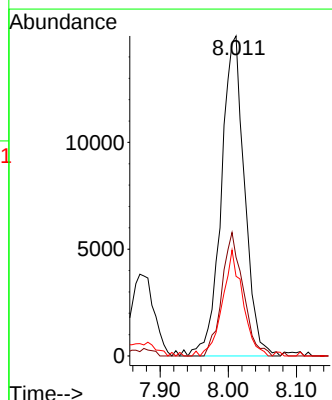
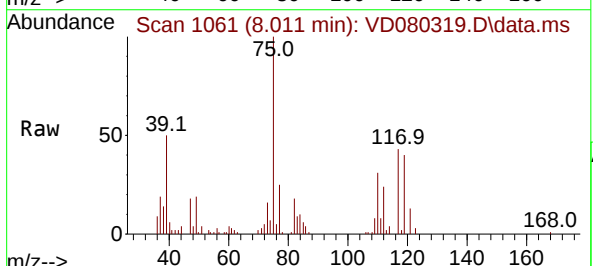
Tgt Ion: 75 Resp: 35667

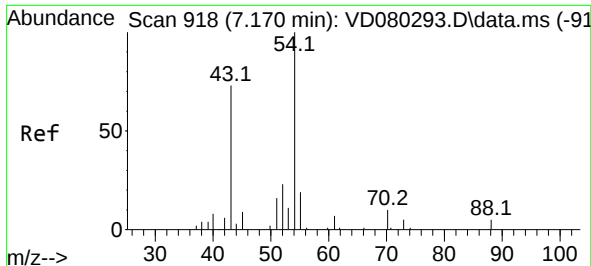
Ion Ratio Lower Upper

75 100

110 35.3 18.4 55.0

77 28.9 25.6 38.4





#37

Ethyl Acetate

Concen: 18.308 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

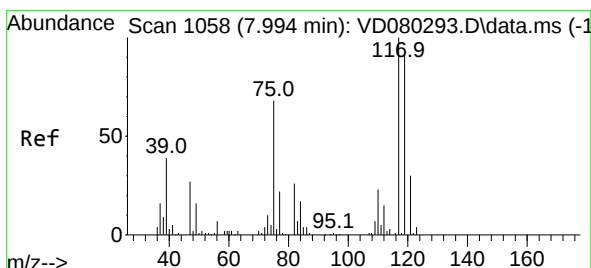
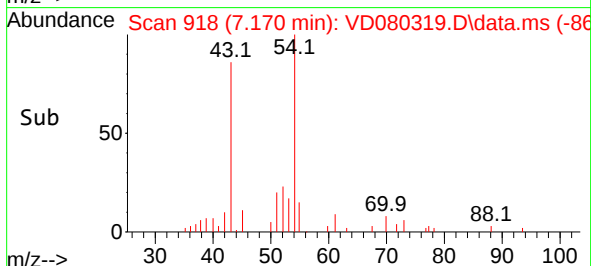
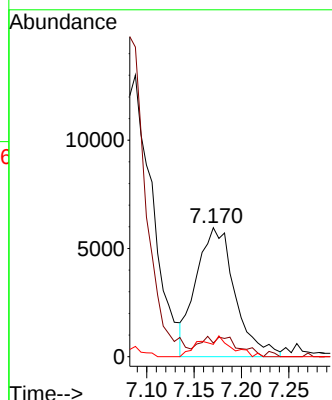
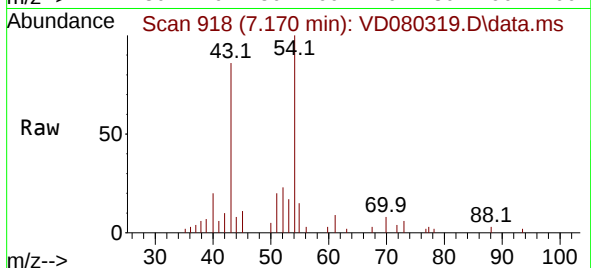
Tgt Ion: 43 Resp: 17001

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 6.5 9.4 14.2#



#38

Carbon Tetrachloride

Concen: 21.695 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

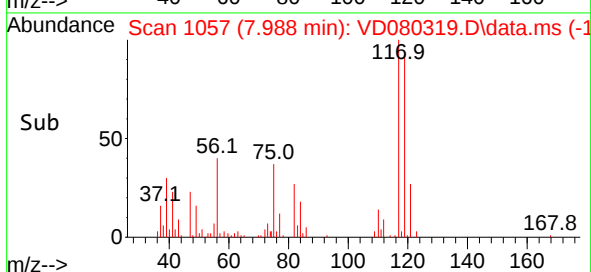
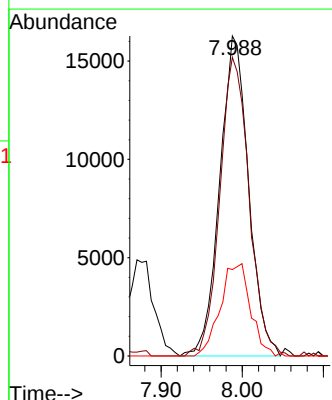
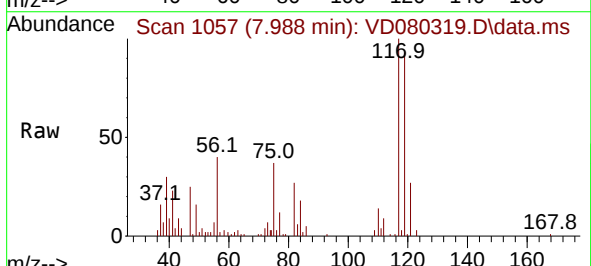
Tgt Ion: 117 Resp: 40179

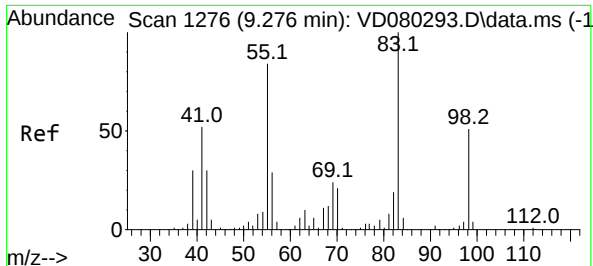
Ion Ratio Lower Upper

117 100

119 93.3 73.4 110.0

121 27.0 24.5 36.7





#39

Methylcyclohexane

Concen: 19.443 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

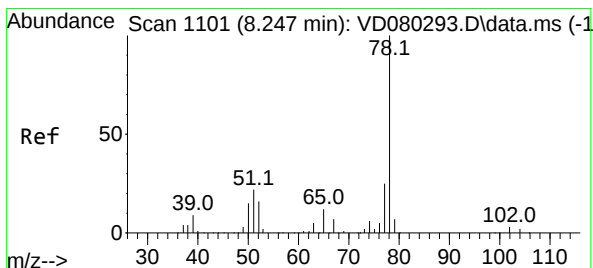
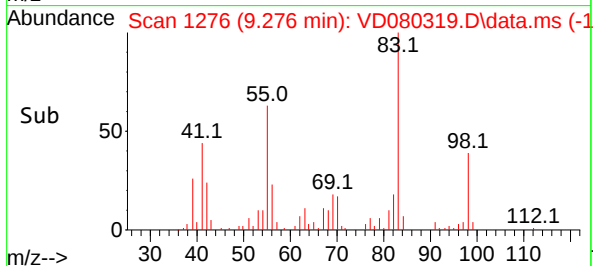
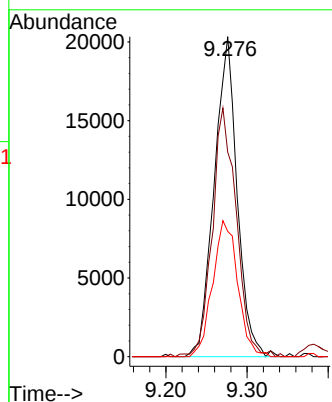
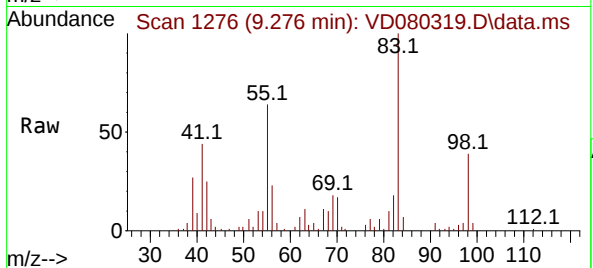
Tgt Ion: 83 Resp: 40065

Ion Ratio Lower Upper

83 100

55 63.1 62.0 93.0

98 39.2 38.7 58.1



#40

Benzene

Concen: 20.381 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080319.D

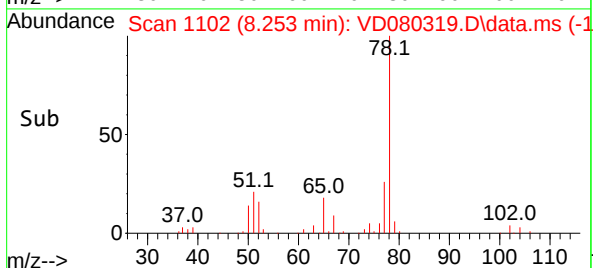
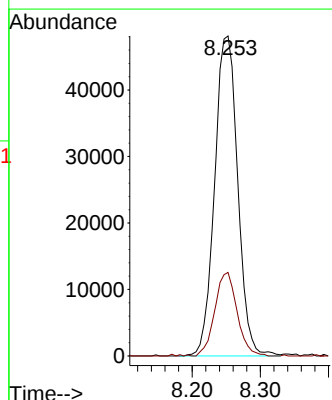
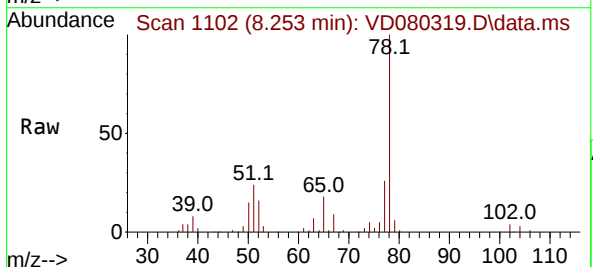
Acq: 14 May 2025 13:29

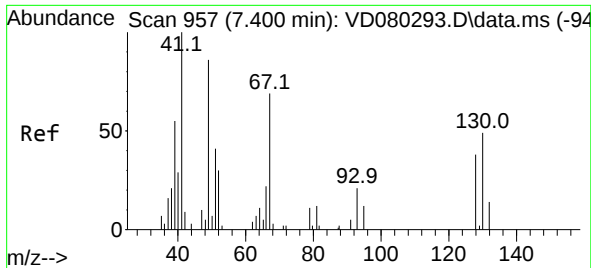
Tgt Ion: 78 Resp: 113402

Ion Ratio Lower Upper

78 100

77 26.1 20.2 30.4

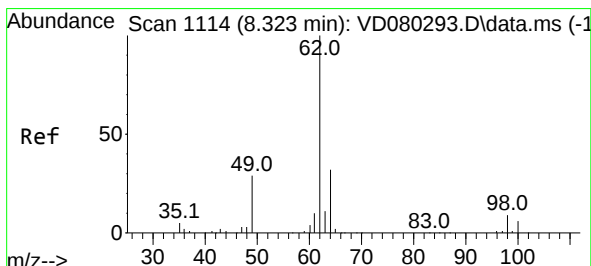
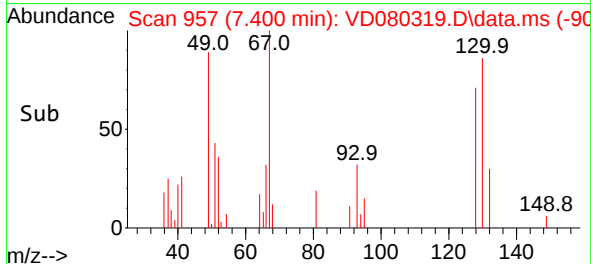
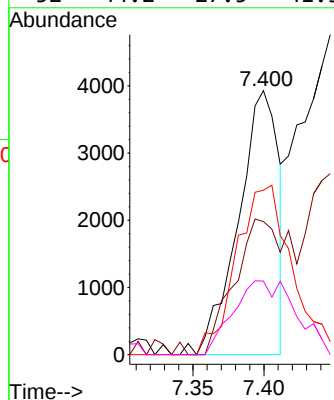
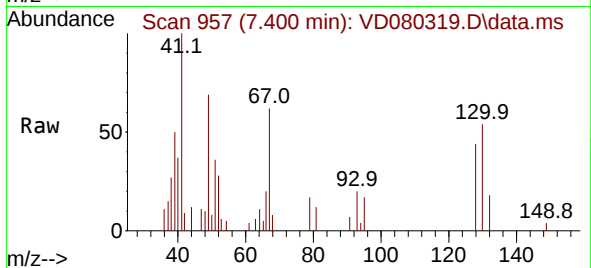




#41
Methacrylonitrile
Concen: 15.095 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

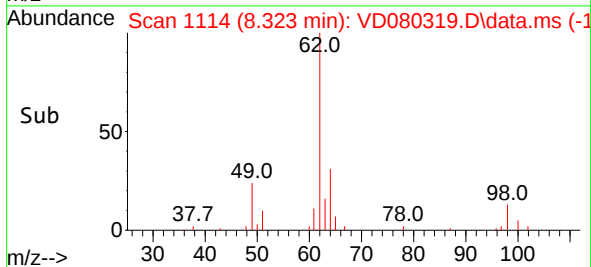
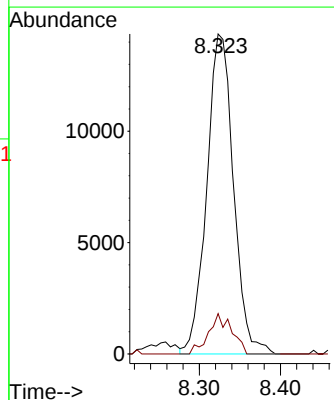
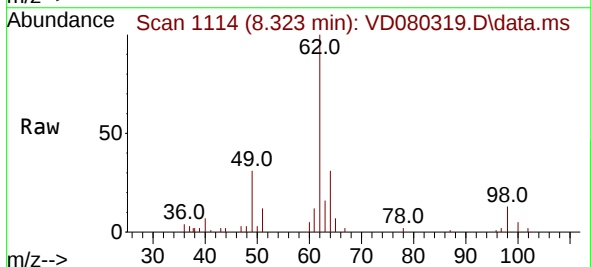
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

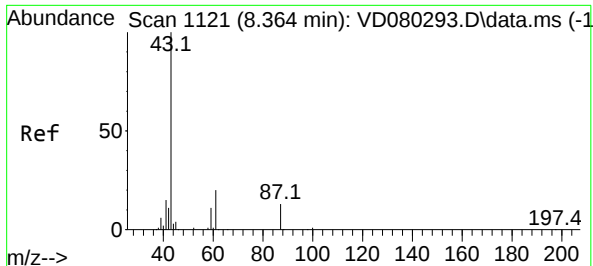
Tgt Ion: 41 Resp: 7757
Ion Ratio Lower Upper
41 100
39 70.6 47.8 71.8
67 88.5 64.9 97.3
52 44.2 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 20.410 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 62 Resp: 32908
Ion Ratio Lower Upper
62 100
98 10.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.657 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. 0.000 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

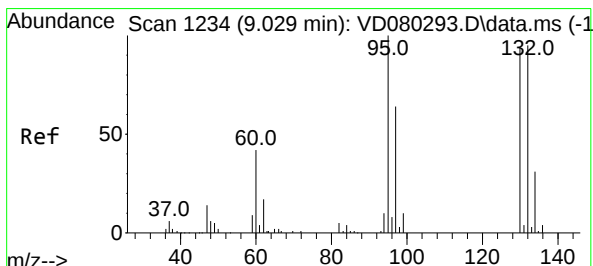
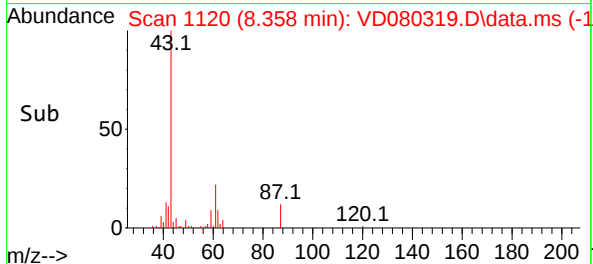
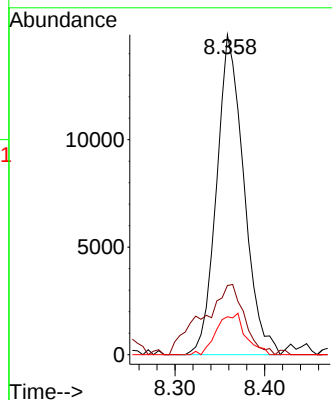
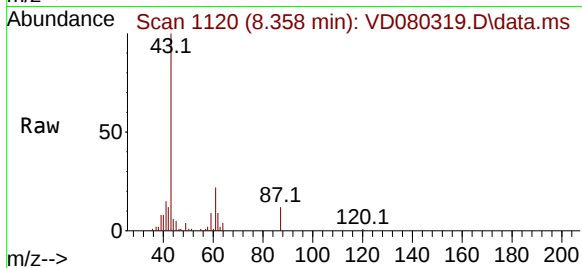
Tgt Ion: 43 Resp: 31415

Ion Ratio Lower Upper

43 100

61 33.5 26.2 39.2

87 13.5 11.8 17.8



#44

Trichloroethene

Concen: 20.879 ug/l

RT: 9.023 min Scan# 1233

Delta R.T. -0.005 min

Lab File: VD080319.D

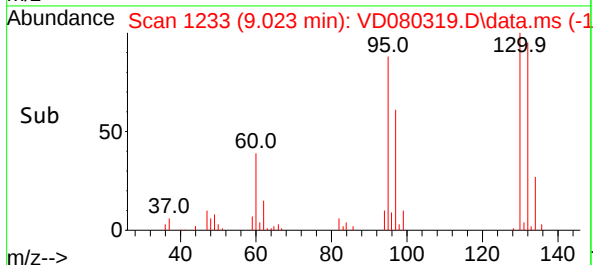
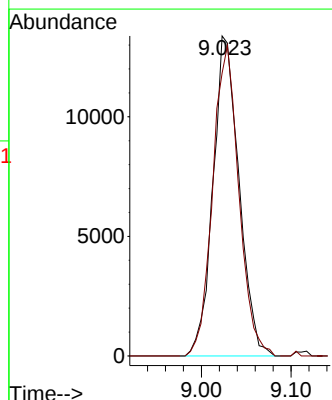
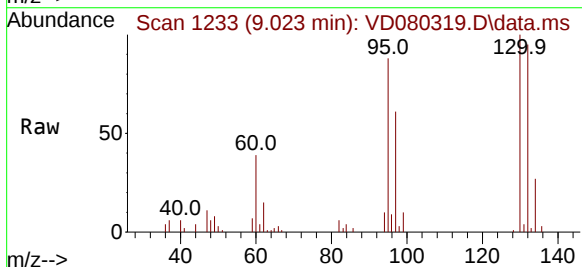
Acq: 14 May 2025 13:29

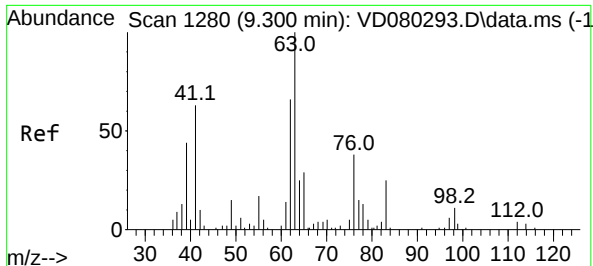
Tgt Ion:130 Resp: 26968

Ion Ratio Lower Upper

130 100

95 88.4 0.0 194.6





#45

1,2-Dichloropropane

Concen: 20.236 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

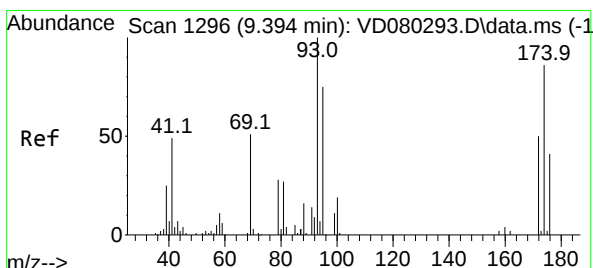
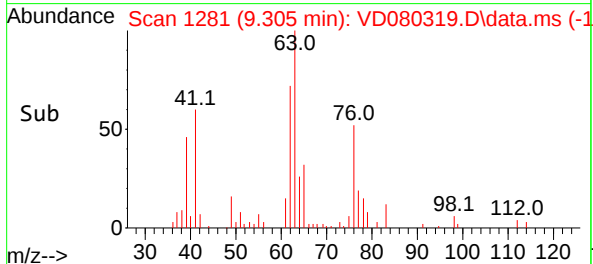
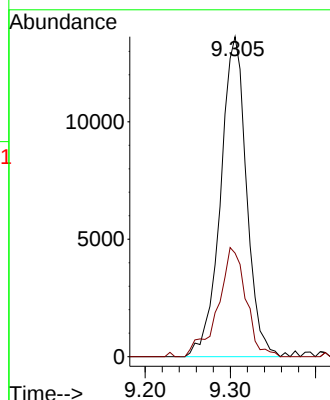
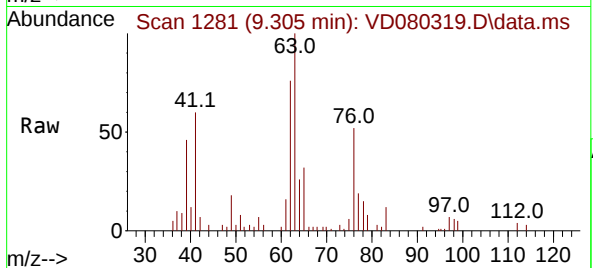
VD0514SBS01

Tgt Ion: 63 Resp: 28878

Ion Ratio Lower Upper

63 100

65 32.3 26.2 39.4



#46

Dibromomethane

Concen: 22.375 ug/l

RT: 9.400 min Scan# 1297

Delta R.T. 0.007 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

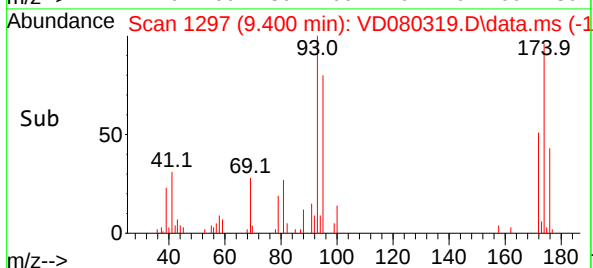
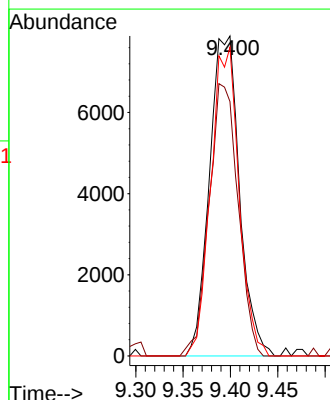
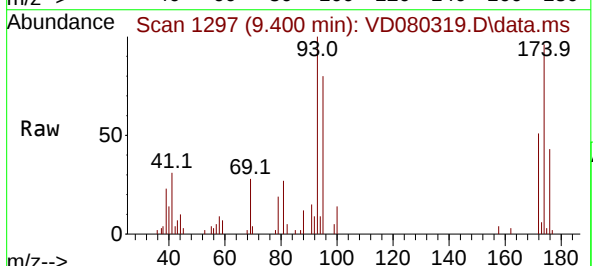
Tgt Ion: 93 Resp: 17384

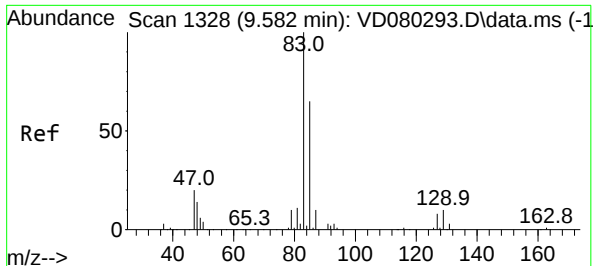
Ion Ratio Lower Upper

93 100

95 82.2 67.9 101.9

174 90.4 80.5 120.7

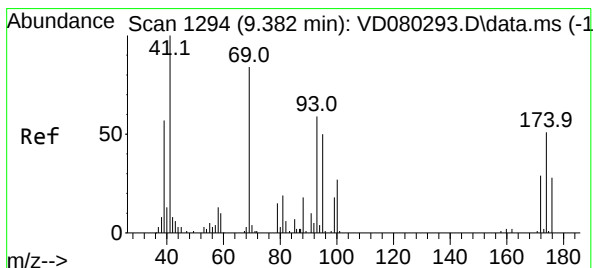
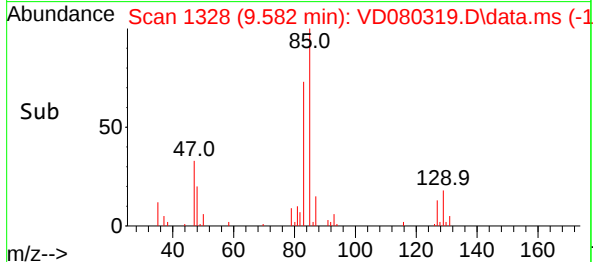
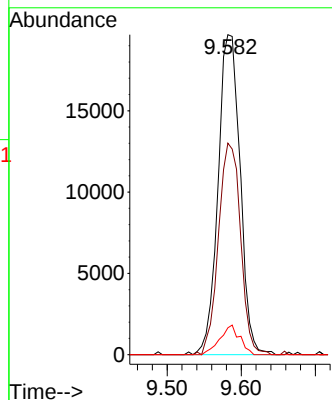
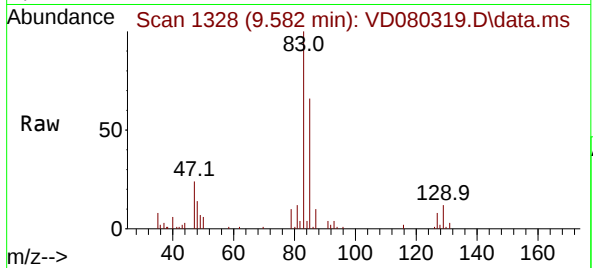




#47
Bromodichloromethane
Concen: 20.652 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

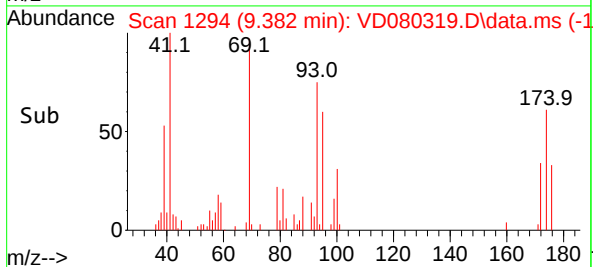
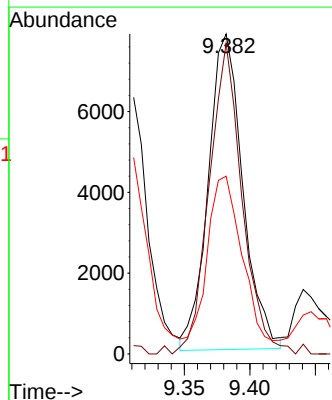
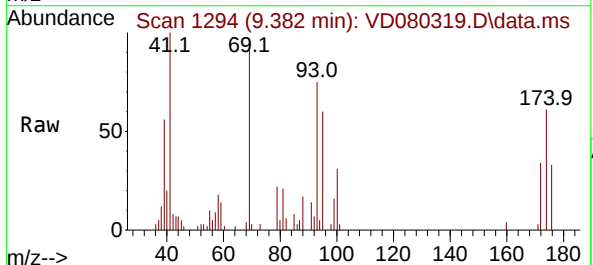
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

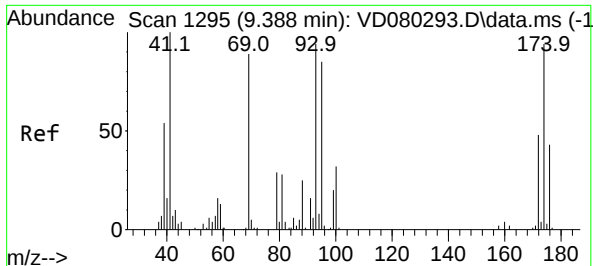
Tgt Ion: 83 Resp: 40727
Ion Ratio Lower Upper
83 100
85 66.1 50.6 75.8
127 8.4 6.1 9.1



#48
Methyl methacrylate
Concen: 17.898 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 41 Resp: 14320
Ion Ratio Lower Upper
41 100
69 93.9 74.0 111.0
39 59.4 41.9 62.9





#49

1,4-Dioxane

Concen: 347.288 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

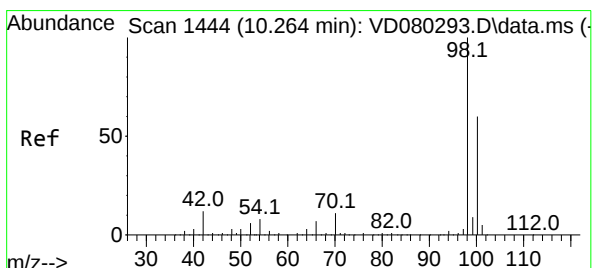
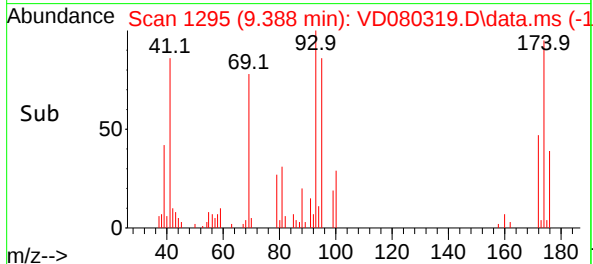
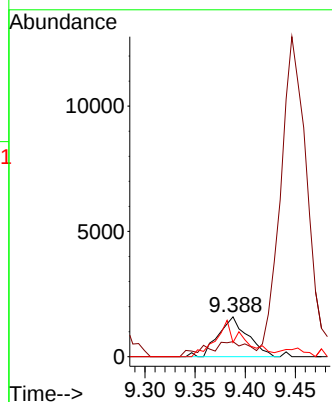
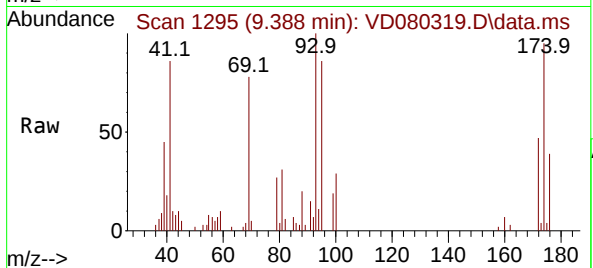
Tgt Ion: 88 Resp: 3208

Ion Ratio Lower Upper

88 100

43 54.3 29.1 43.7#

58 85.9 59.9 89.9



#50

Toluene-d8

Concen: 50.859 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080319.D

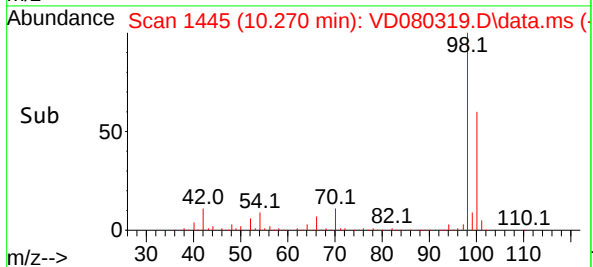
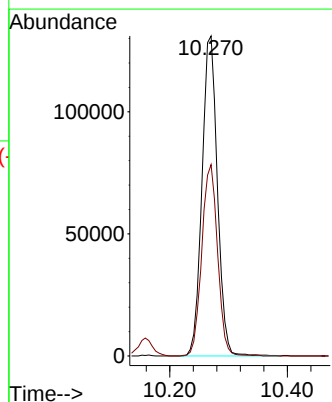
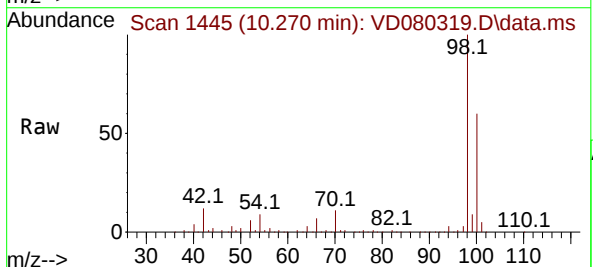
Acq: 14 May 2025 13:29

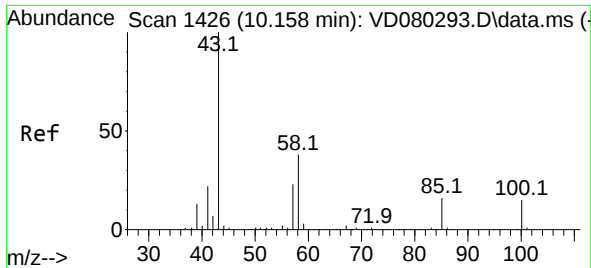
Tgt Ion: 98 Resp: 238107

Ion Ratio Lower Upper

98 100

100 61.2 50.2 75.4

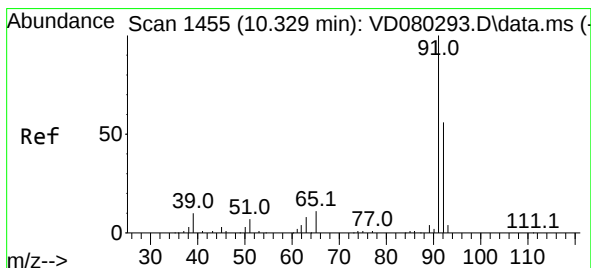
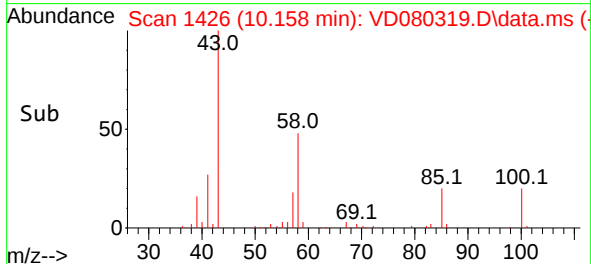
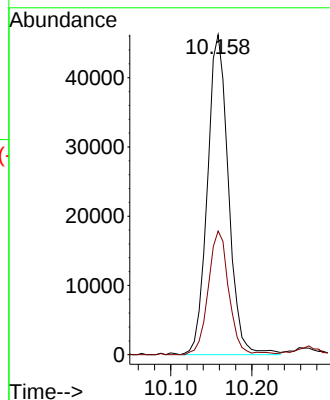
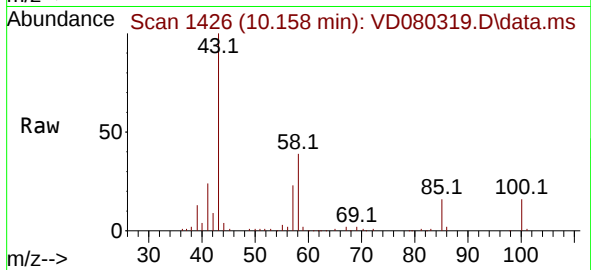




#51
4-Methyl-2-Pentanone
Concen: 95.722 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

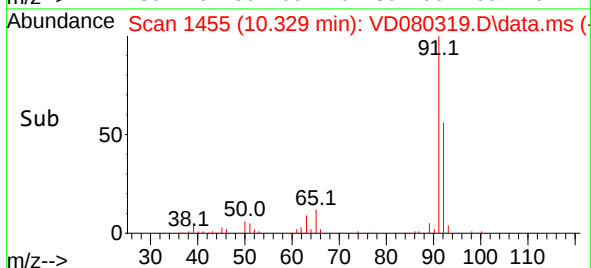
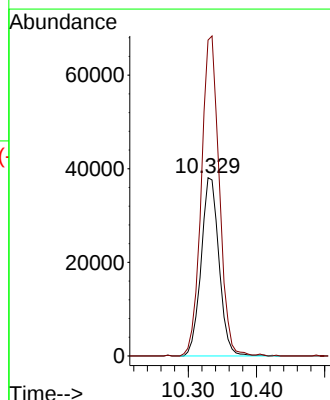
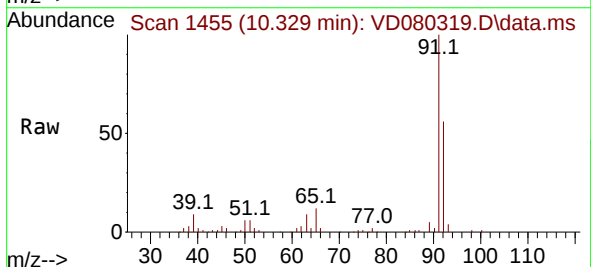
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

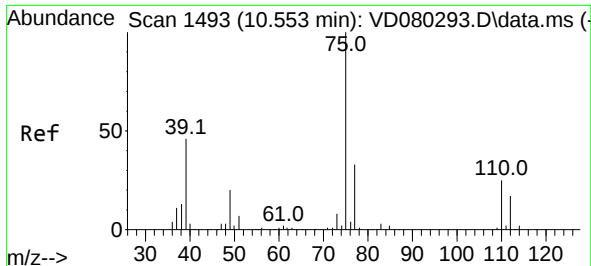
Tgt Ion: 43 Resp: 83049
Ion Ratio Lower Upper
43 100
58 37.9 32.8 49.2



#52
Toluene
Concen: 20.698 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 92 Resp: 69381
Ion Ratio Lower Upper
92 100
91 179.9 139.3 208.9

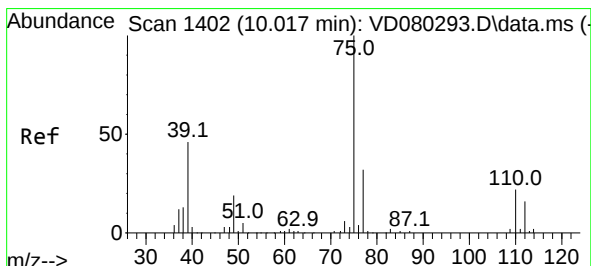
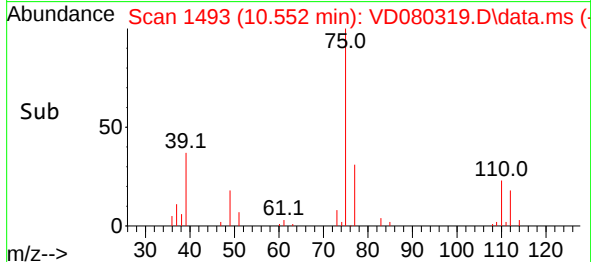
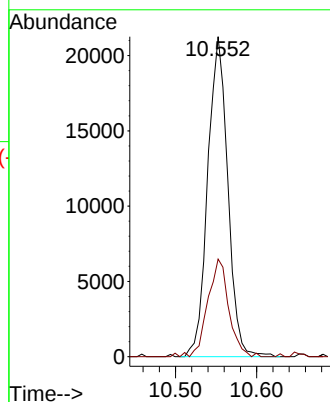
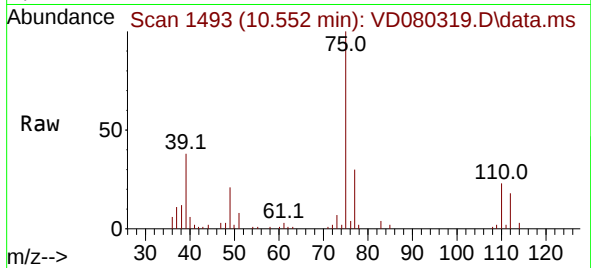




#53
 t-1,3-Dichloropropene
 Concen: 20.290 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

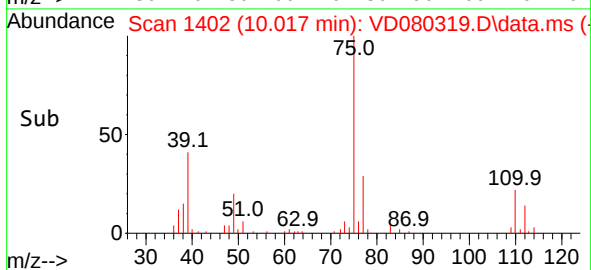
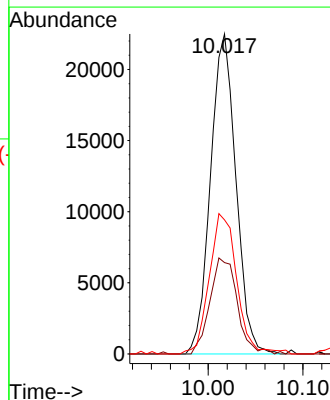
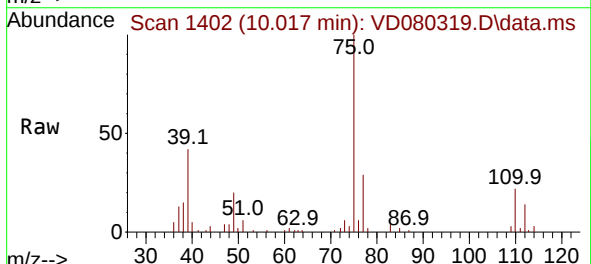
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBS01

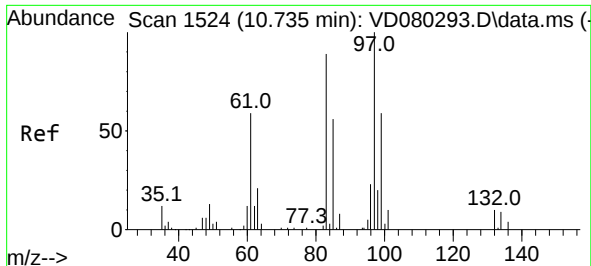
Tgt Ion: 75 Resp: 36477
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.111 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.001 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

Tgt Ion: 75 Resp: 41897
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.0 37.4
 39 41.9 33.2 49.8

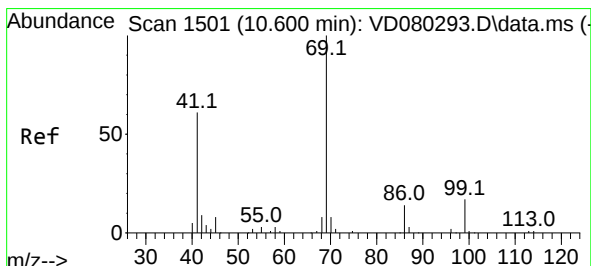
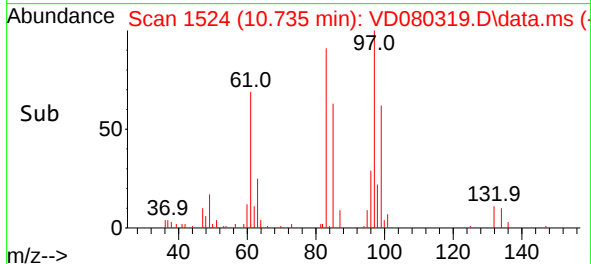
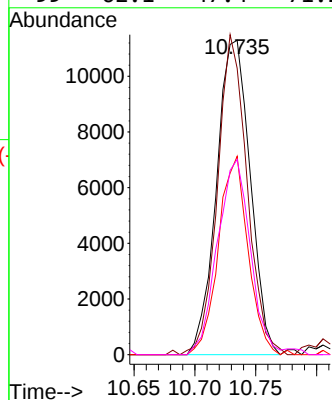
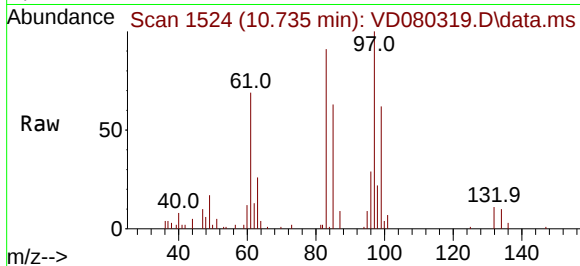




#55
1,1,2-Trichloroethane
Concen: 21.147 ug/l
RT: 10.735 min Scan# 1524
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

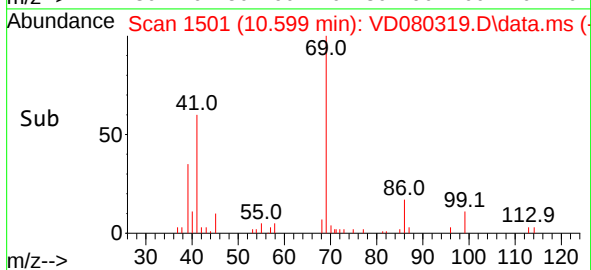
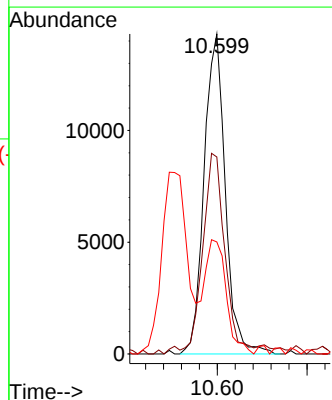
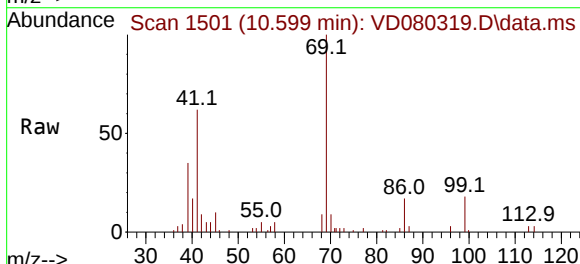
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

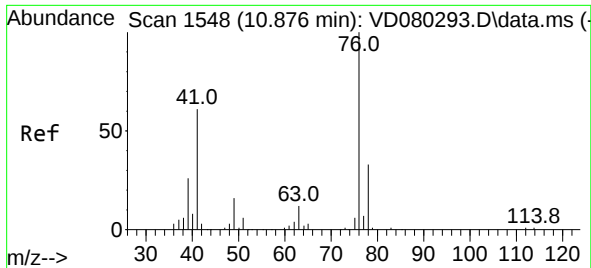
Tgt Ion:	97	Resp:	21733
Ion	Ratio	Lower	Upper
97	100		
83	91.1	69.2	103.8
85	63.1	43.0	64.6
99	62.1	47.4	71.2



#56
Ethyl methacrylate
Concen: 18.851 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion:	69	Resp:	23476
Ion	Ratio	Lower	Upper
69	100		
41	66.4	50.4	75.6
39	37.6	26.0	39.0





#57

1,3-Dichloropropane

Concen: 20.575 ug/l

RT: 10.876 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

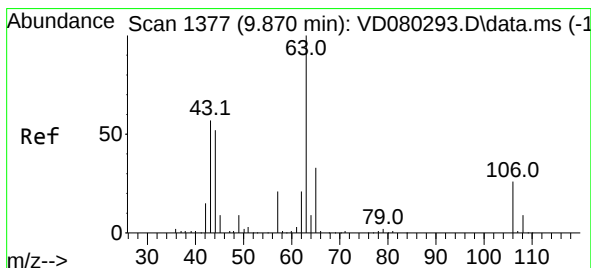
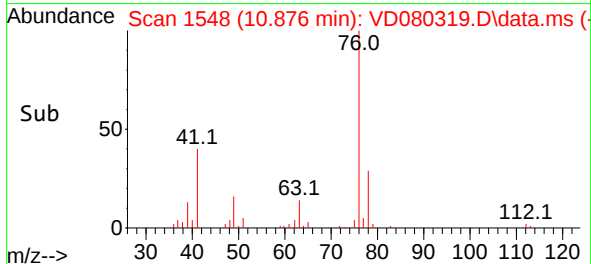
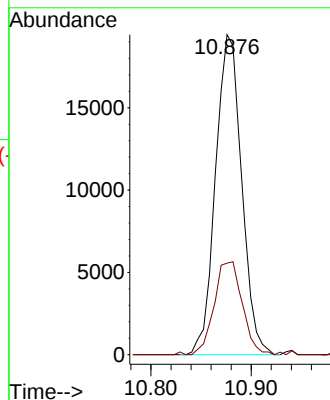
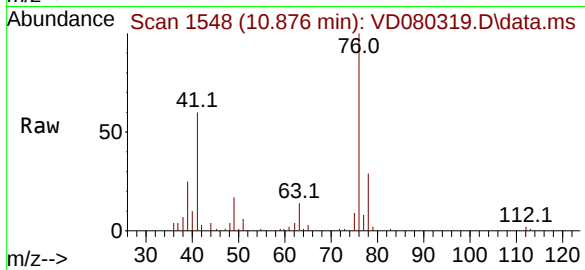
VD0514SBS01

Tgt Ion: 76 Resp: 35143

Ion Ratio Lower Upper

76 100

78 31.1 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 94.353 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080319.D

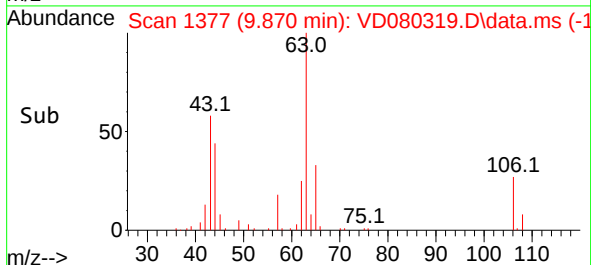
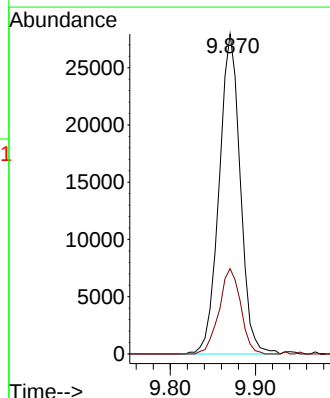
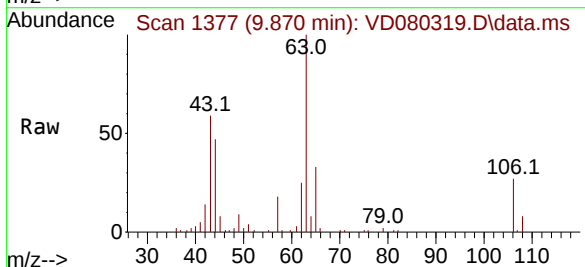
Acq: 14 May 2025 13:29

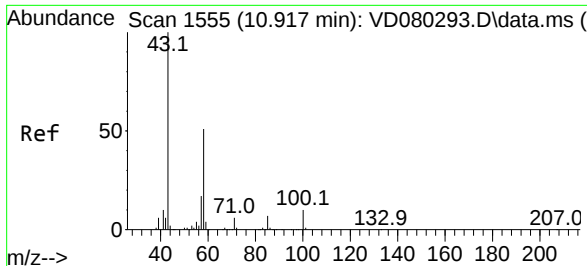
Tgt Ion: 63 Resp: 48087

Ion Ratio Lower Upper

63 100

106 27.2 21.8 32.6

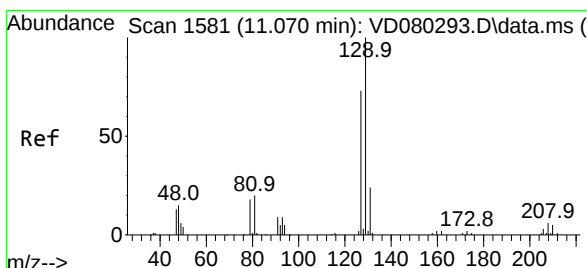
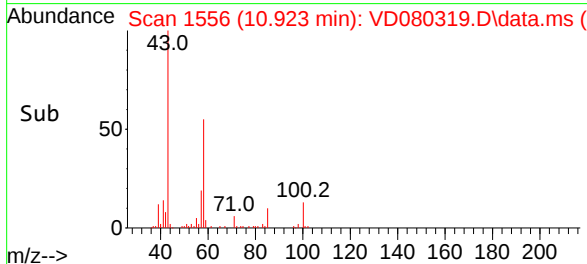
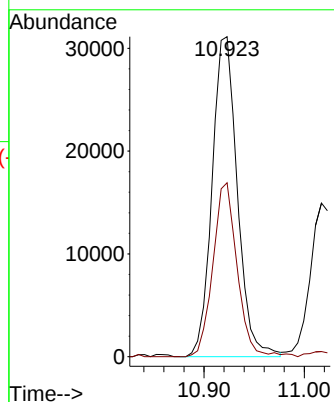
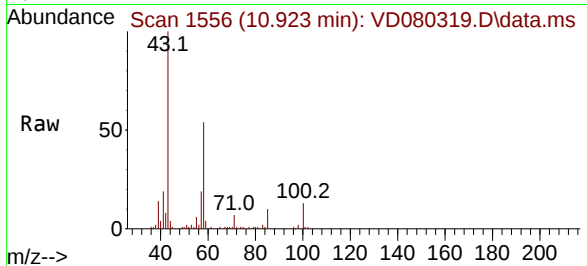




#59
2-Hexanone
Concen: 91.088 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. 0.007 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

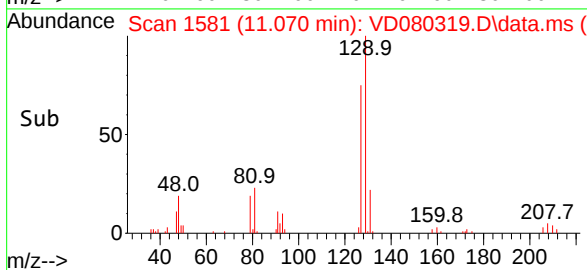
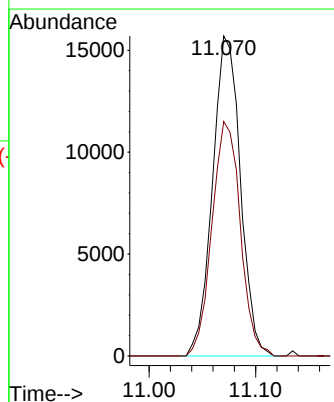
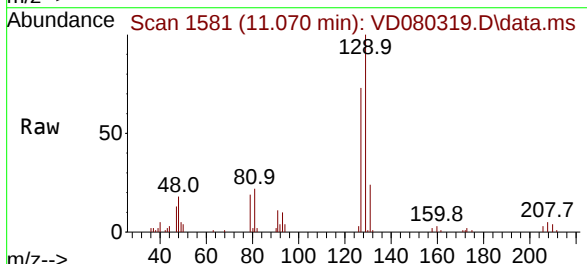
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

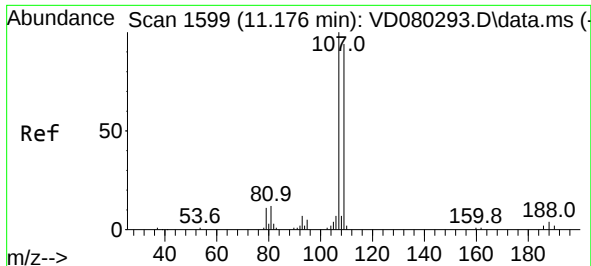
Tgt Ion: 43 Resp: 54364
Ion Ratio Lower Upper
43 100
58 52.2 27.8 83.4



#60
Dibromochloromethane
Concen: 22.148 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 129 Resp: 28525
Ion Ratio Lower Upper
129 100
127 74.5 38.4 115.2

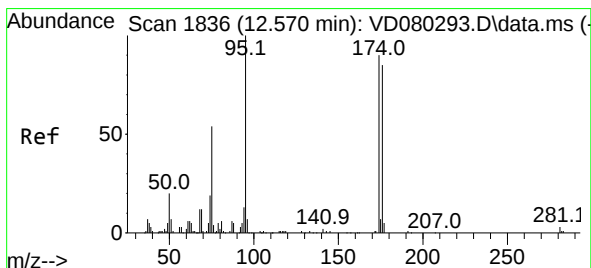
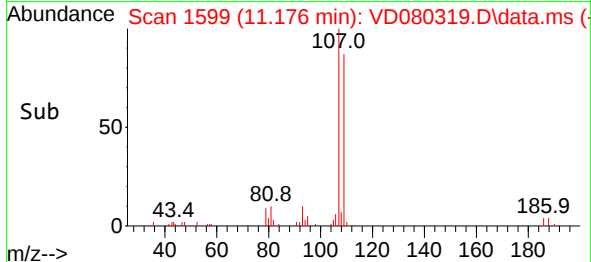
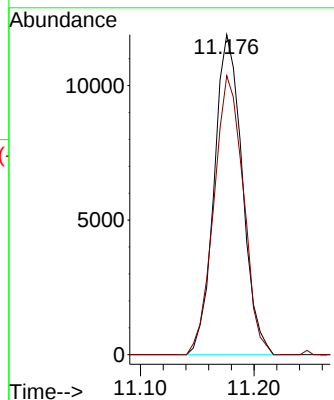
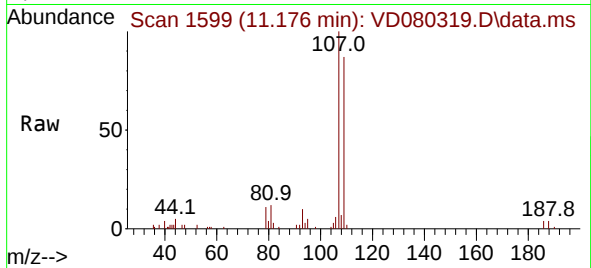




#61
1,2-Dibromoethane
Concen: 21.364 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

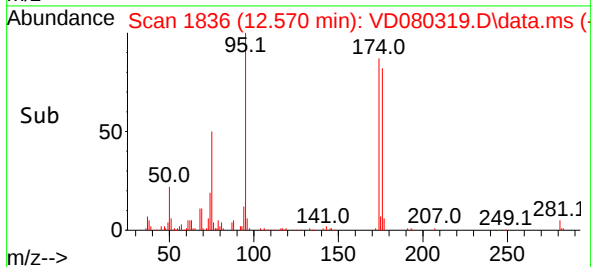
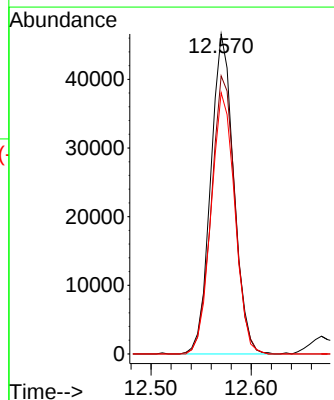
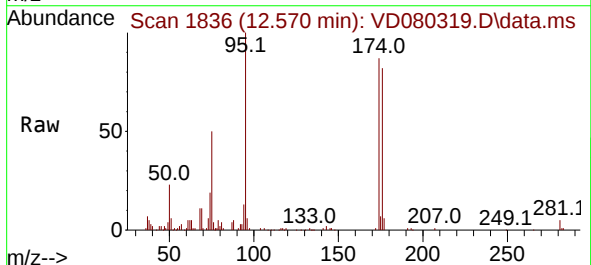
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

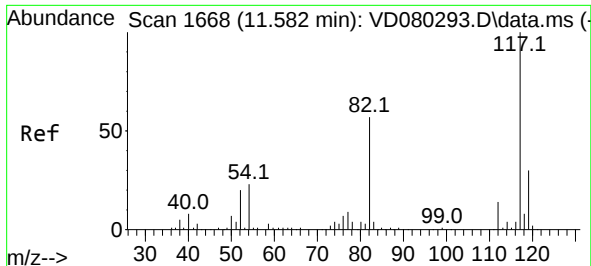
Tgt Ion:107 Resp: 20360
Ion Ratio Lower Upper
107 100
109 91.8 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 49.536 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 95 Resp: 74436
Ion Ratio Lower Upper
95 100
174 89.5 0.0 173.4
176 83.9 0.0 166.6

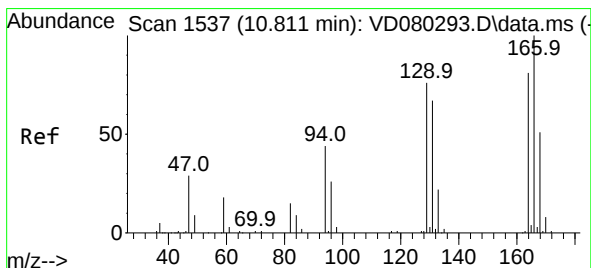
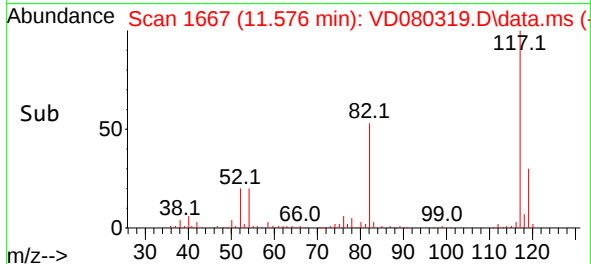
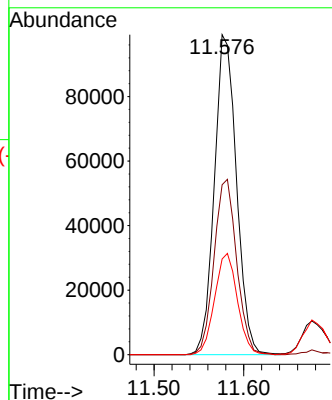
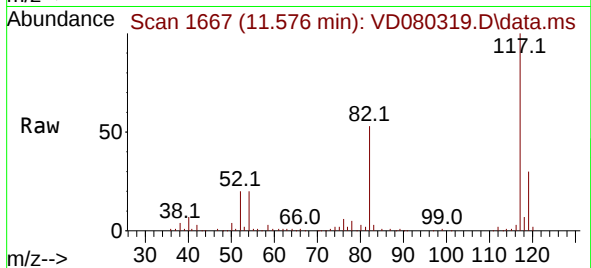




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.576 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

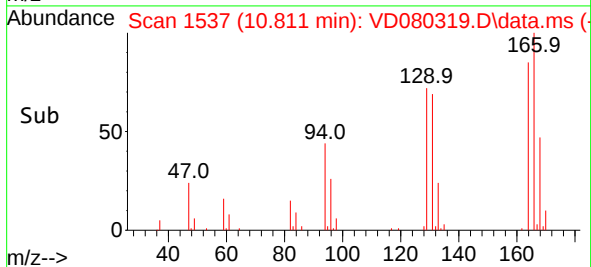
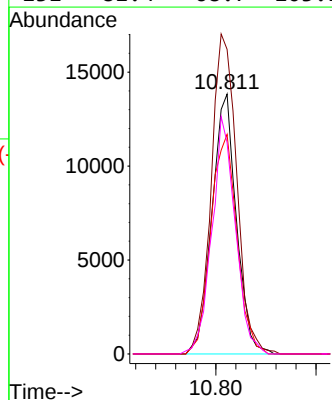
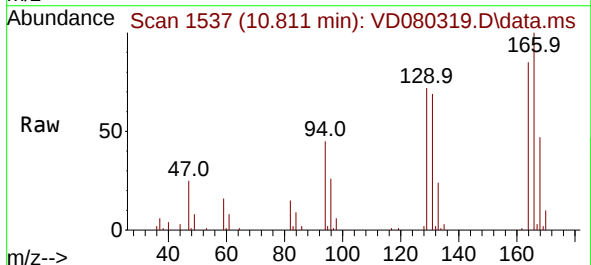
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

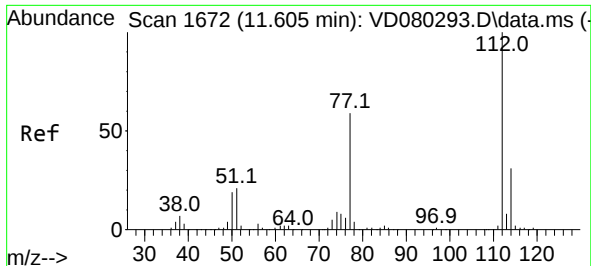
Tgt Ion:117 Resp: 170015
Ion Ratio Lower Upper
117 100
82 53.1 45.8 68.6
119 29.9 26.2 39.2



#64
Tetrachloroethene
Concen: 20.335 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion:164 Resp: 23412
Ion Ratio Lower Upper
164 100
166 117.2 97.5 146.3
129 84.5 70.6 106.0
131 81.4 68.7 103.1

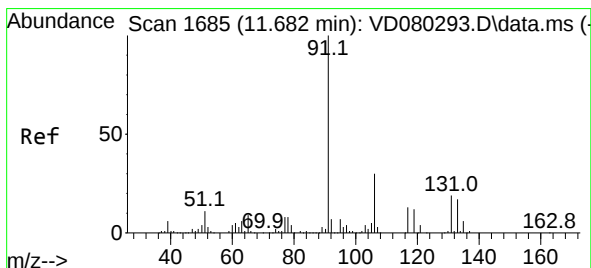
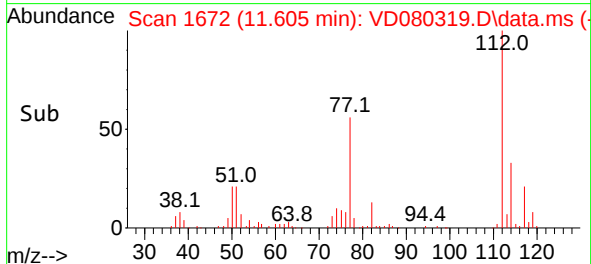
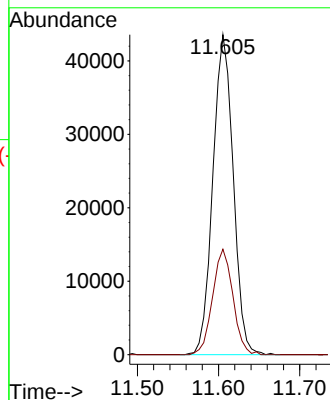
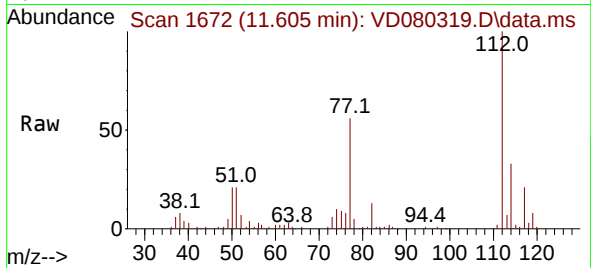




#65
Chlorobenzene
Concen: 19.780 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

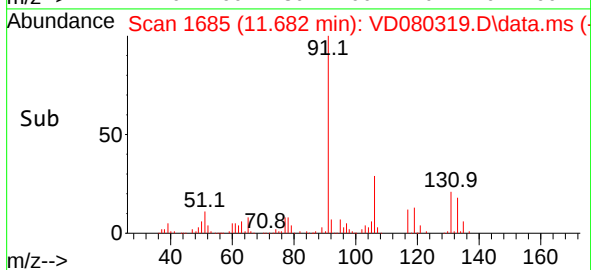
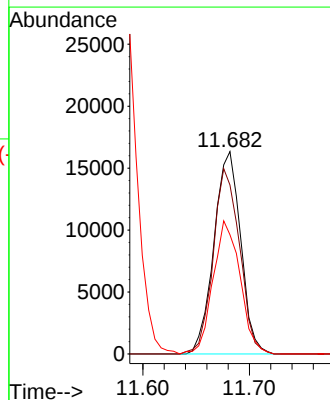
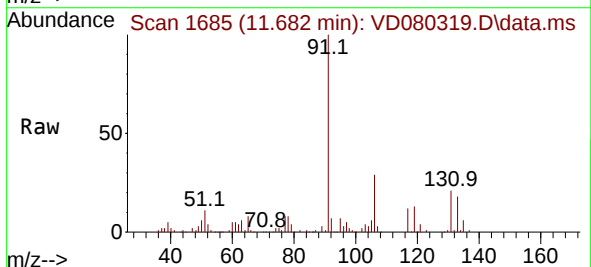
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

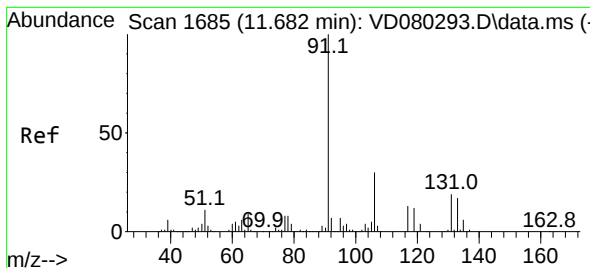
Tgt Ion:112 Resp: 75933
Ion Ratio Lower Upper
112 100
114 33.0 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.597 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion:131 Resp: 28484
Ion Ratio Lower Upper
131 100
133 90.5 48.8 146.4
119 66.6 34.8 104.3





#67

Ethyl Benzene

Concen: 19.109 ug/l

RT: 11.682 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

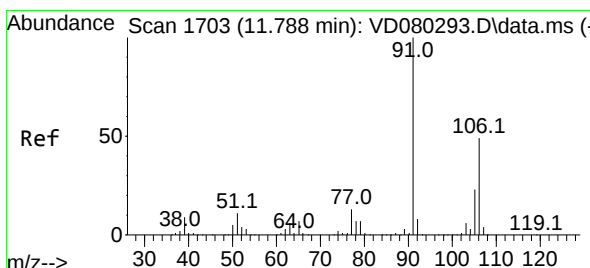
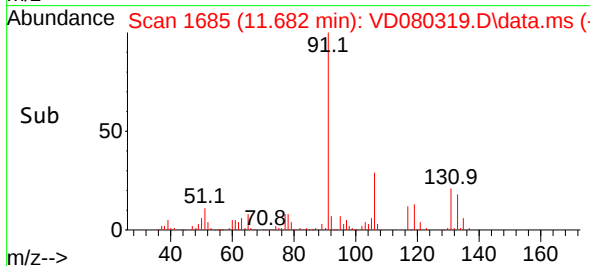
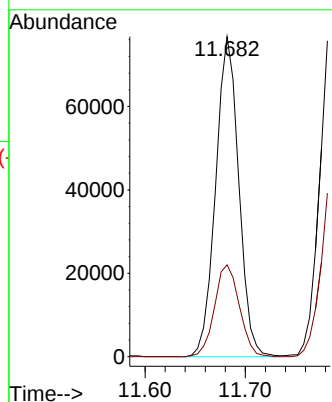
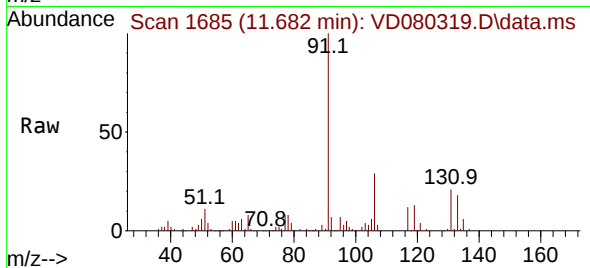
VD0514SBS01

Tgt Ion: 91 Resp: 122591

Ion Ratio Lower Upper

91 100

106 28.7 23.6 35.4



#68

m/p-Xylenes

Concen: 39.676 ug/l

RT: 11.794 min Scan# 1704

Delta R.T. 0.001 min

Lab File: VD080319.D

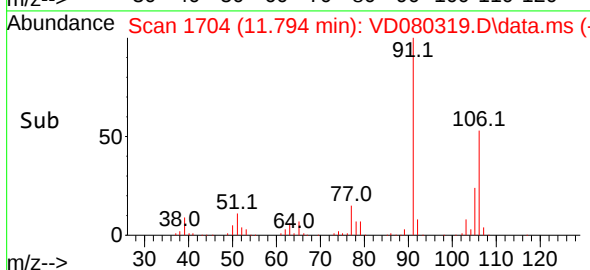
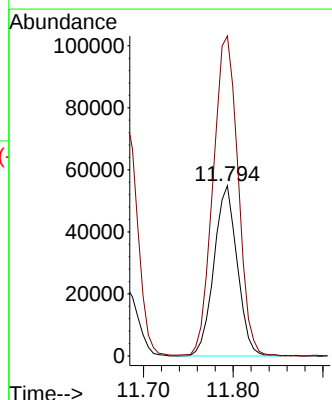
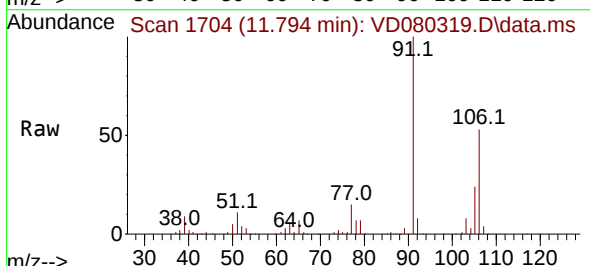
Acq: 14 May 2025 13:29

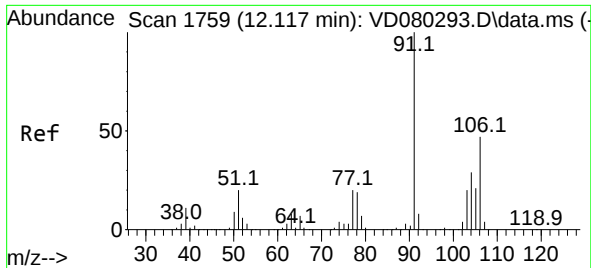
Tgt Ion: 106 Resp: 98831

Ion Ratio Lower Upper

106 100

91 202.0 162.6 244.0

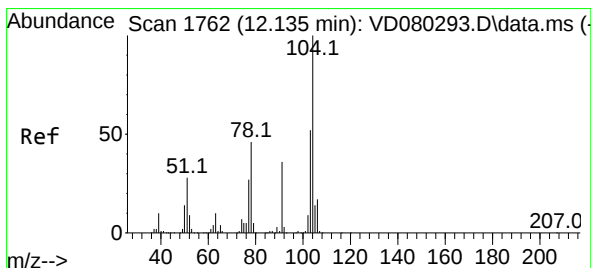
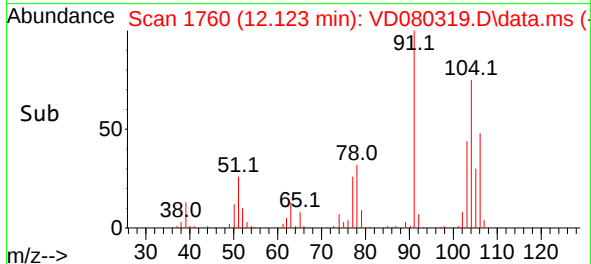
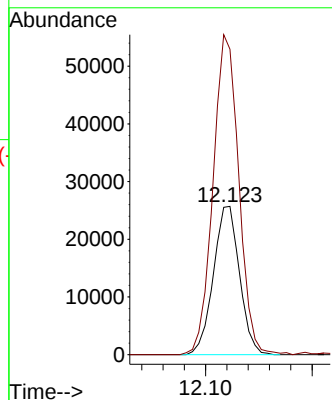
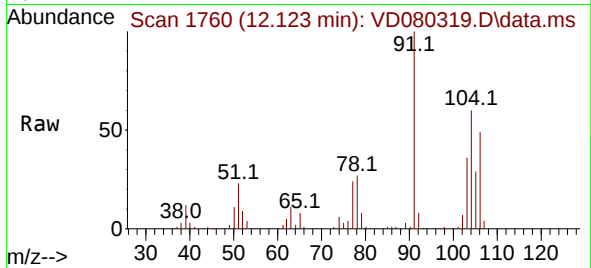




#69
o-Xylene
Concen: 19.212 ug/l
RT: 12.123 min Scan# 1760
Delta R.T. 0.007 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

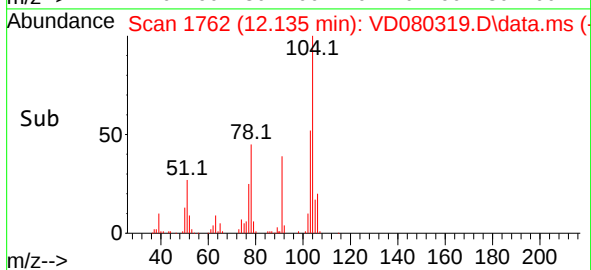
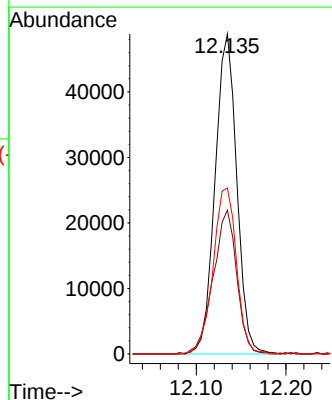
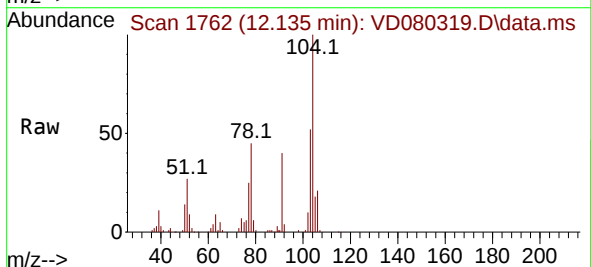
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

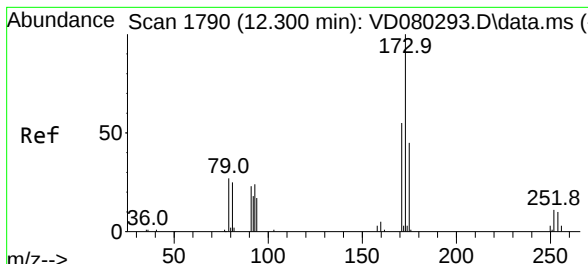
Tgt Ion:106 Resp: 43731
Ion Ratio Lower Upper
106 100
91 212.6 110.5 331.5



#70
Styrene
Concen: 20.041 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion:104 Resp: 81912
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.8
103 56.0 45.2 67.8

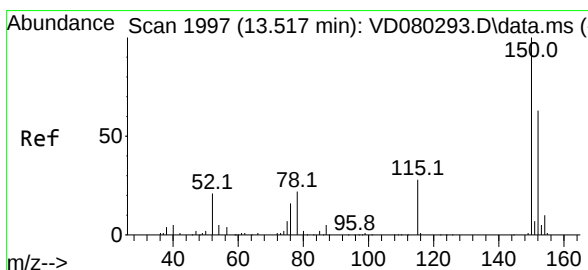
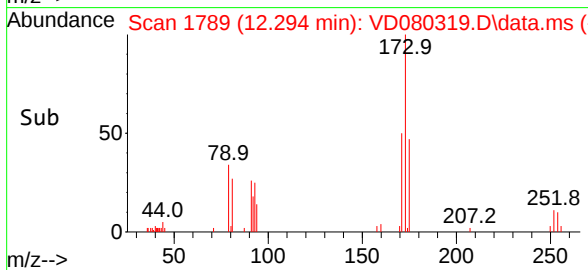
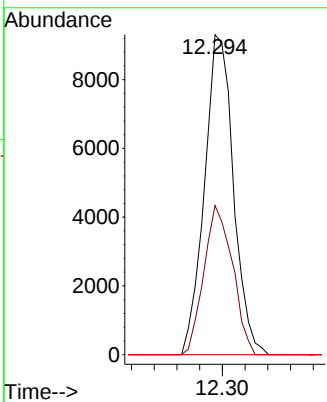
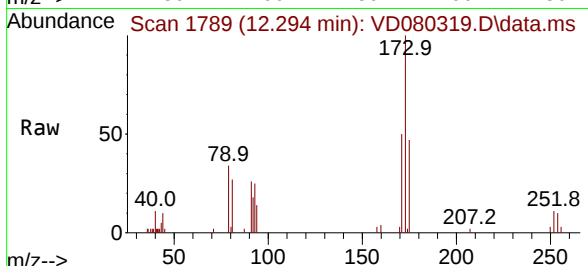




#71
 Bromoform
 Concen: 21.045 ug/l
 RT: 12.294 min Scan# 1790
 Delta R.T. 0.001 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

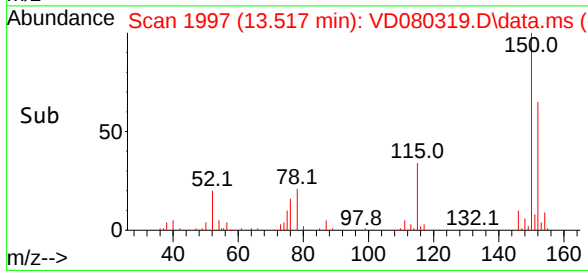
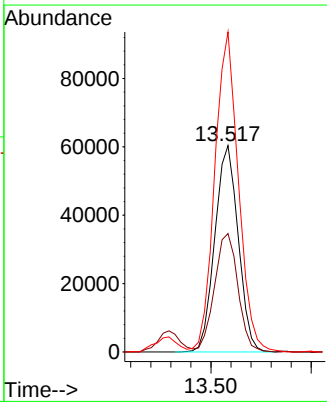
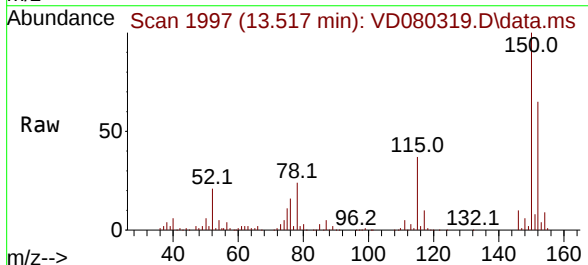
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBS01

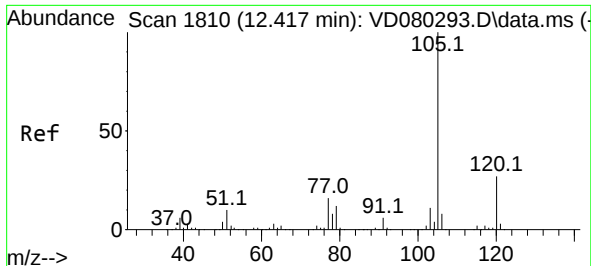
Tgt Ion:	173	Resp:	16491
Ion Ratio	Lower	Upper	
173	100		
175	46.1	24.8	74.3
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.517 min Scan# 1997
 Delta R.T. 0.001 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

Tgt Ion:	152	Resp:	97541
Ion Ratio	Lower	Upper	
152	100		
115	57.8	28.9	86.8
150	157.3	0.0	354.8

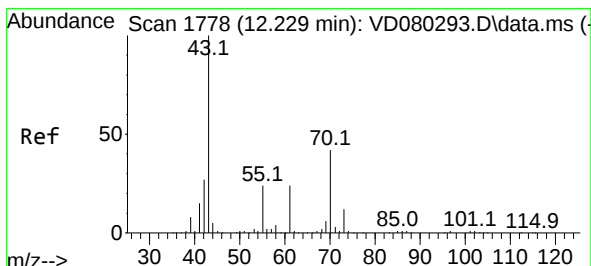
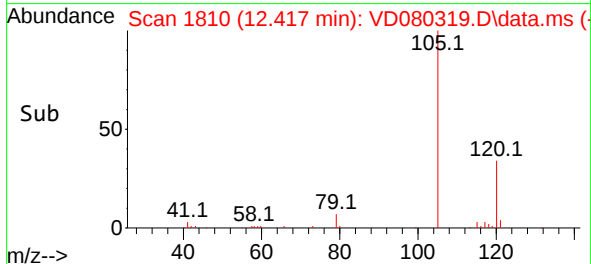
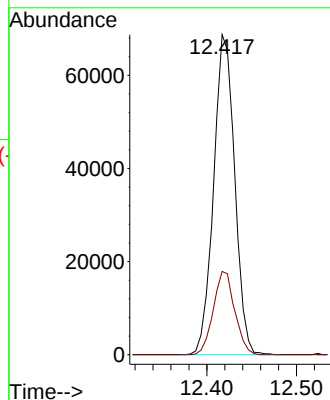
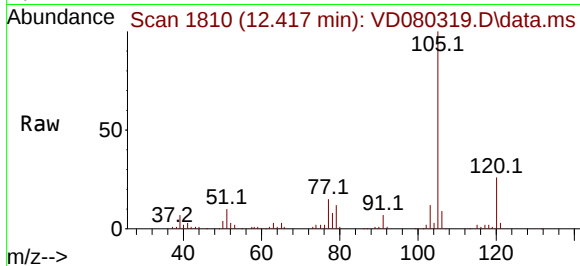




#73
Isopropylbenzene
Concen: 17.718 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

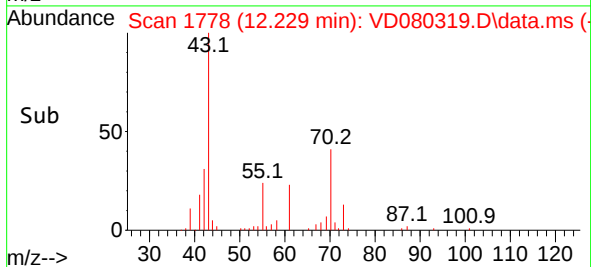
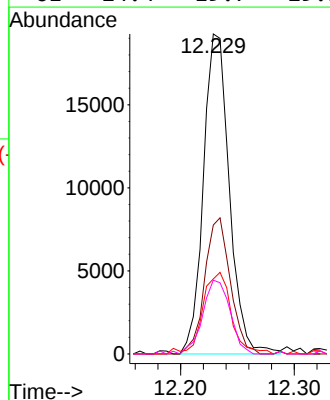
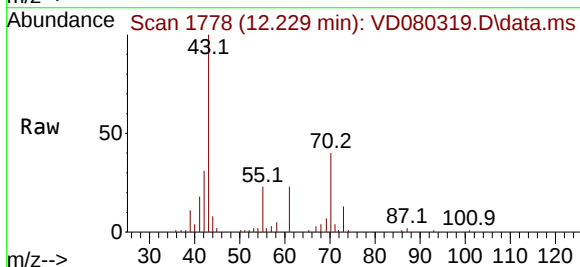
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

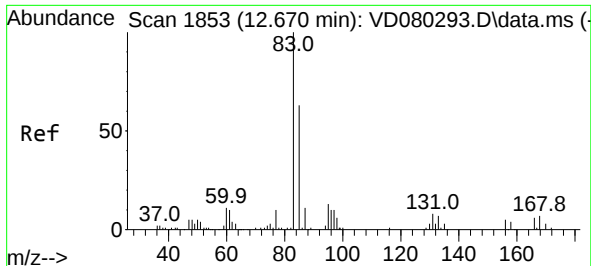
Tgt Ion:105 Resp: 112106
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 16.843 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 43 Resp: 30586
Ion Ratio Lower Upper
43 100
70 41.8 36.3 54.5
55 28.0 20.3 30.5
61 24.4 19.7 29.5

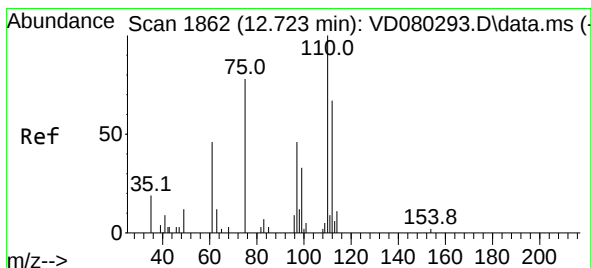
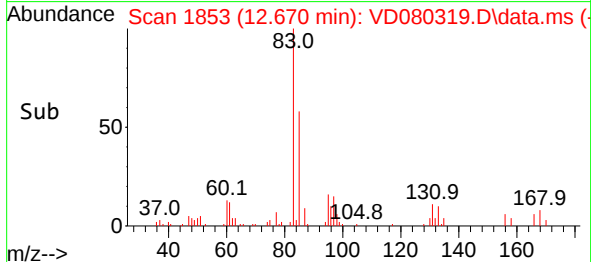
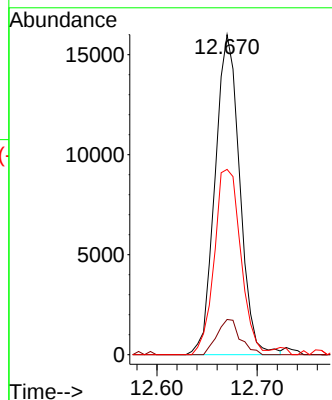
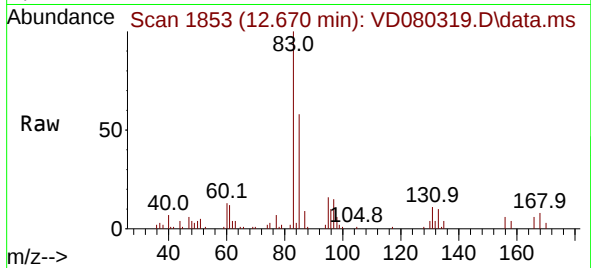




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.612 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

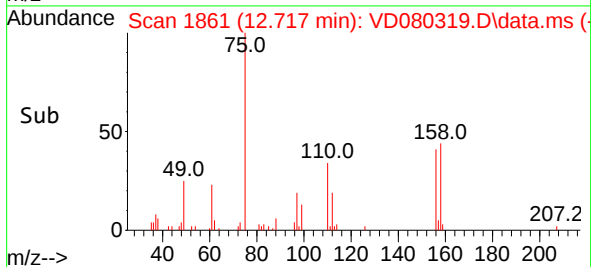
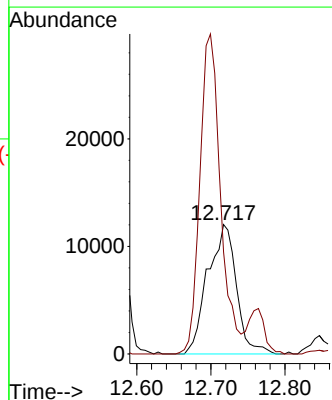
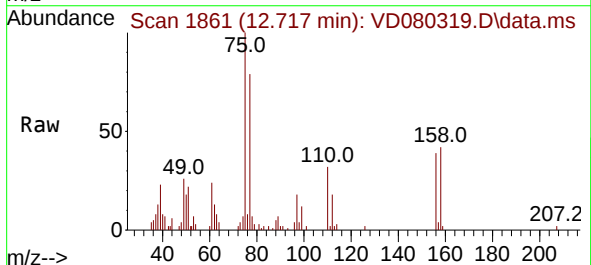
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBS01

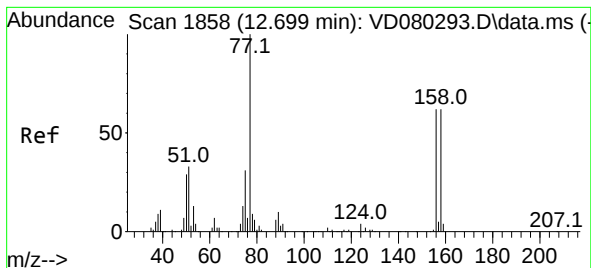
Tgt Ion: 83 Resp: 27288
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 62.3 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 34.230 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.005 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

Tgt Ion: 75 Resp: 32224
 Ion Ratio Lower Upper
 75 100
 77 178.1 0.0 0.0#





#77

Bromobenzene

Concen: 19.495 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

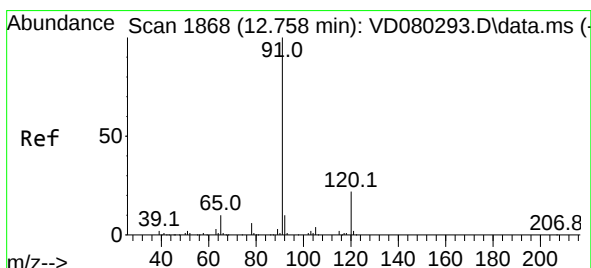
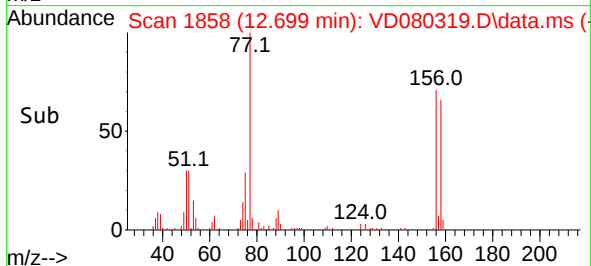
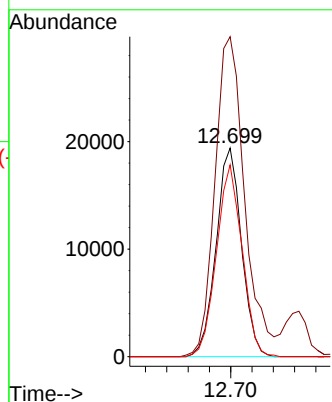
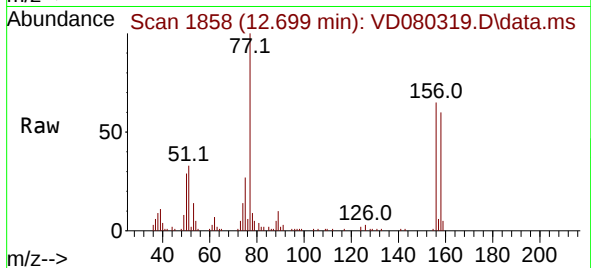
Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

Tgt Ion:	156	Resp:	31996
Ion Ratio	Lower	Upper	
156	100		
77	179.4	89.8	269.6
158	93.0	47.9	143.8



#78

n-propylbenzene

Concen: 18.505 ug/l

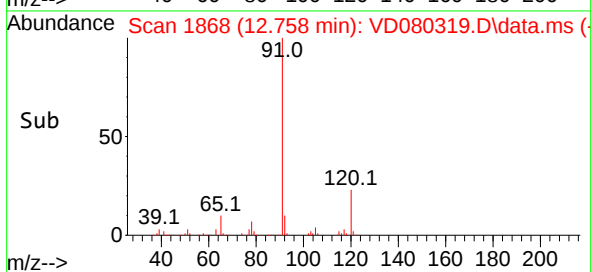
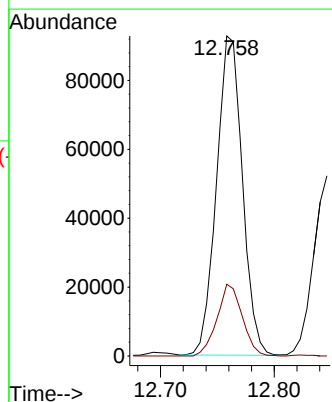
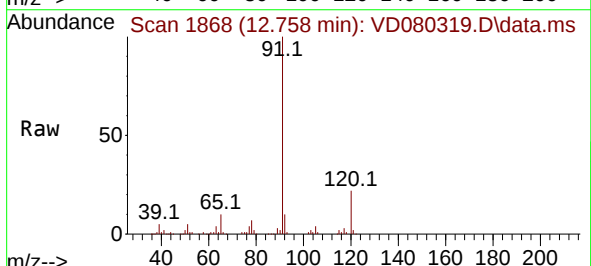
RT: 12.758 min Scan# 1868

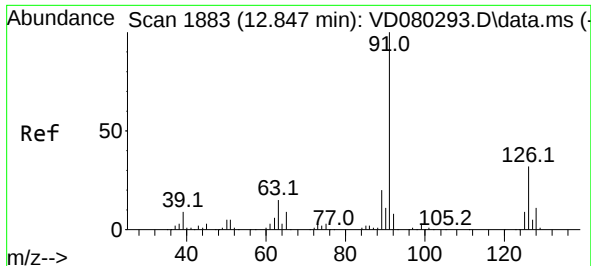
Delta R.T. -0.005 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Tgt Ion:	91	Resp:	146938
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.2	33.5

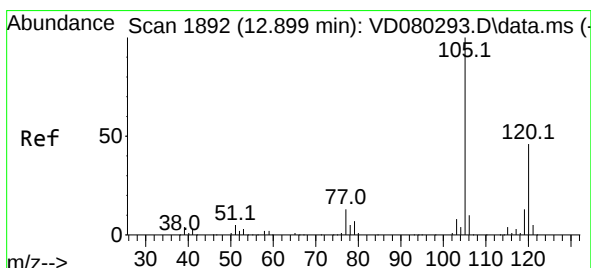
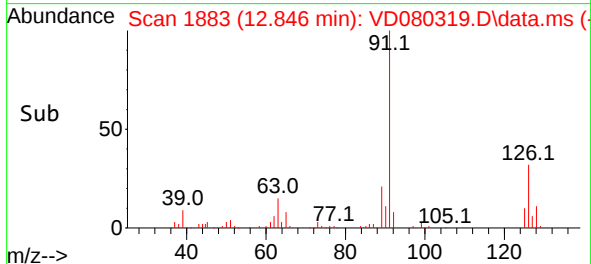
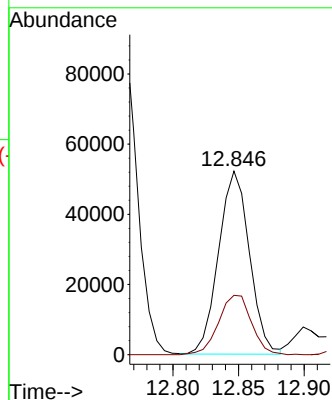
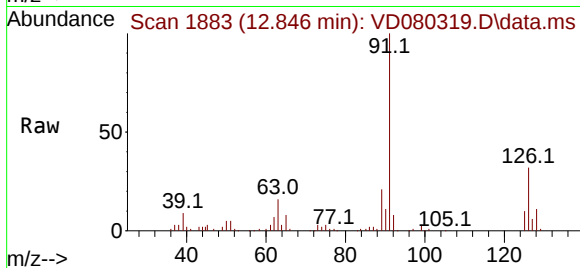




#79
2-Chlorotoluene
Concen: 18.519 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

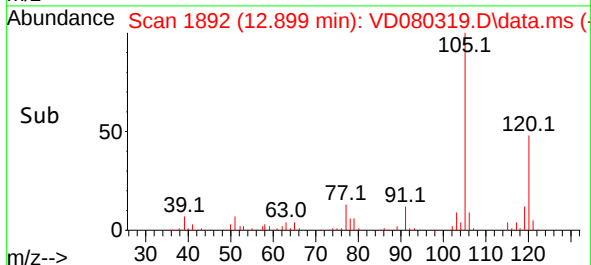
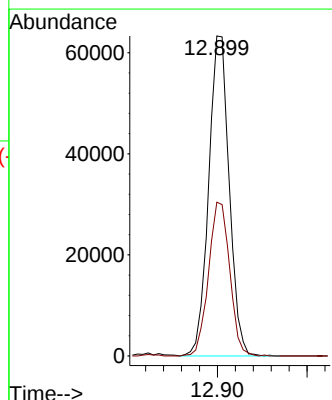
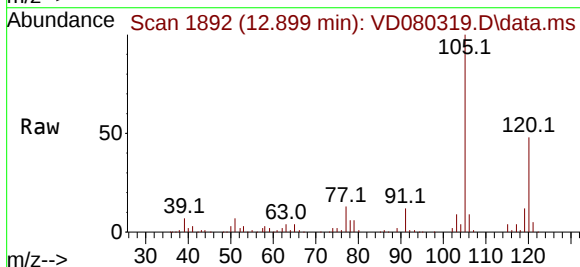
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

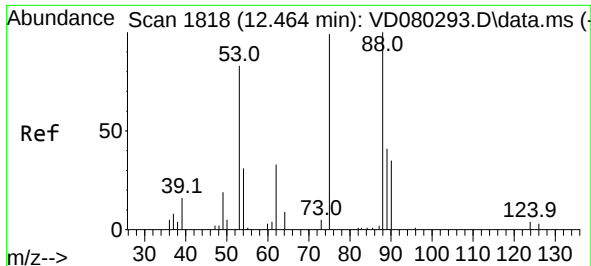
Tgt Ion: 91 Resp: 85532
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 18.644 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 105 Resp: 100614
Ion Ratio Lower Upper
105 100
120 49.6 25.0 75.0

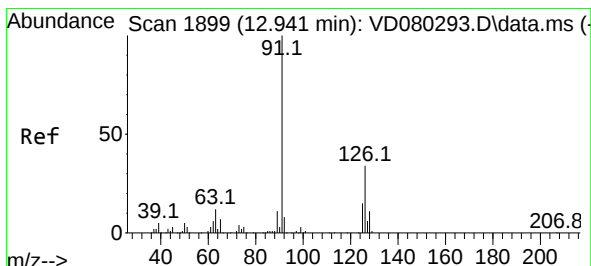
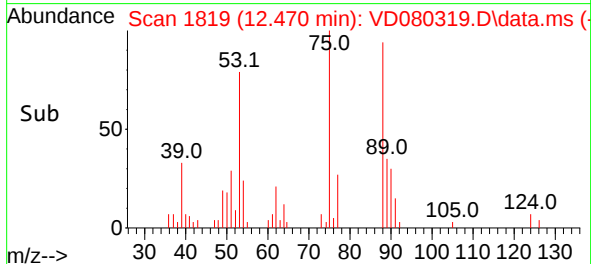
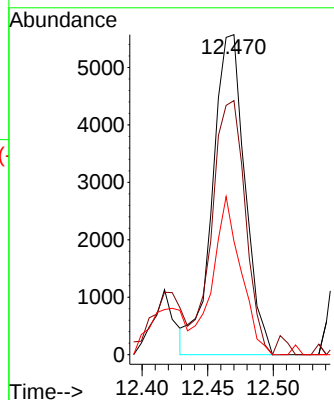
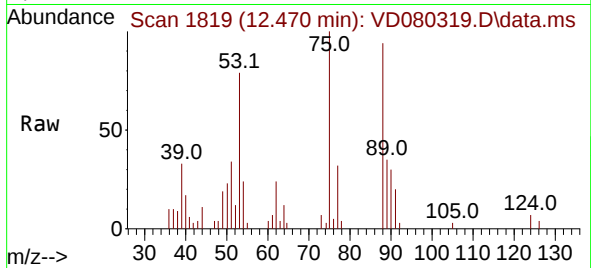




#81
trans-1,4-Dichloro-2-butene
Concen: 19.373 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

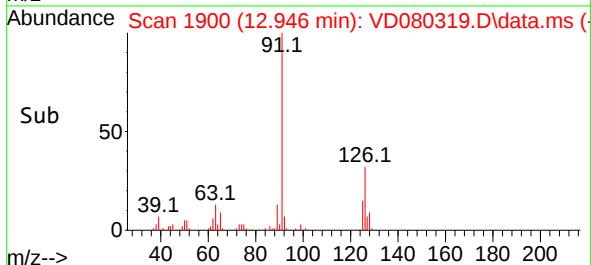
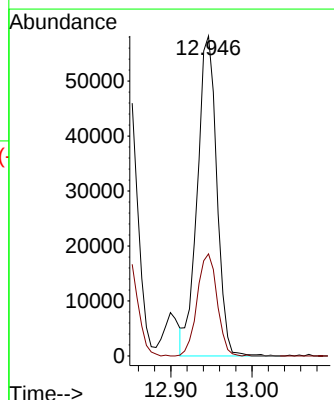
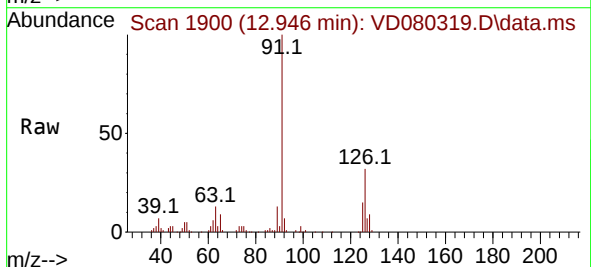
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

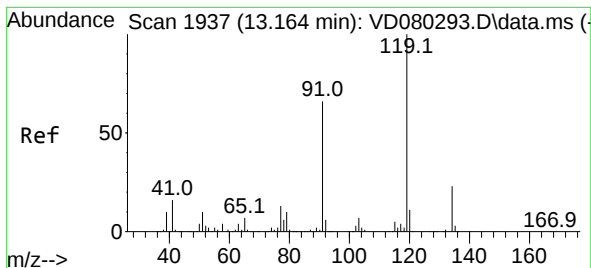
Tgt Ion: 75 Resp: 9608
Ion Ratio Lower Upper
75 100
53 81.1 68.7 103.1
89 43.4 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.456 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 91 Resp: 96999
Ion Ratio Lower Upper
91 100
126 32.7 16.8 50.3





#83

tert-Butylbenzene

Concen: 17.940 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

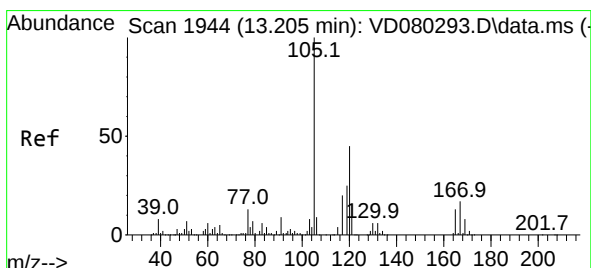
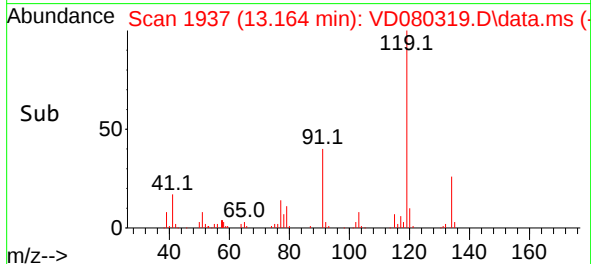
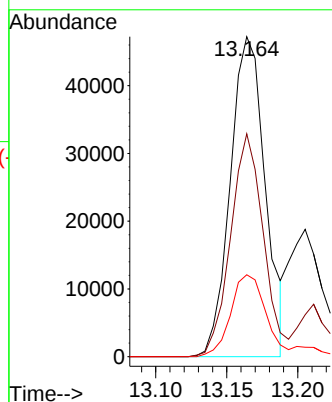
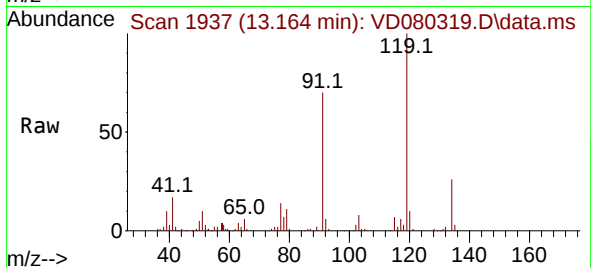
Tgt Ion:119 Resp: 80789

Ion Ratio Lower Upper

119 100

91 65.5 33.3 99.9

134 25.5 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 18.572 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. 0.001 min

Lab File: VD080319.D

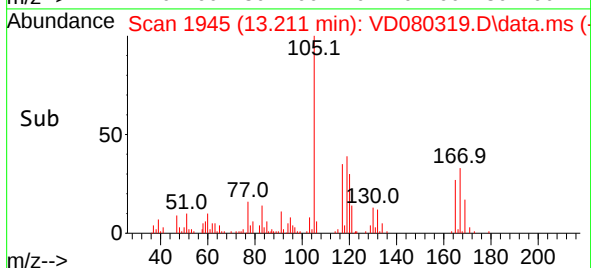
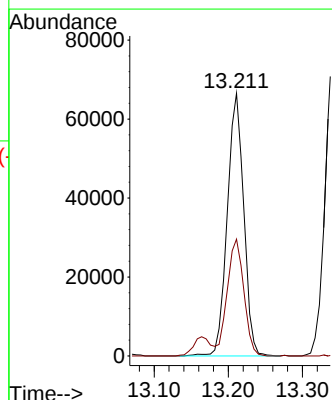
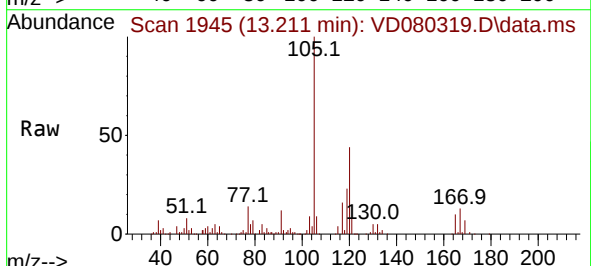
Acq: 14 May 2025 13:29

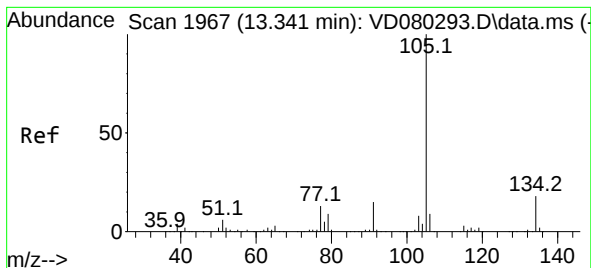
Tgt Ion:105 Resp: 102548

Ion Ratio Lower Upper

105 100

120 44.9 22.8 68.4





#85

sec-Butylbenzene

Concen: 18.289 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

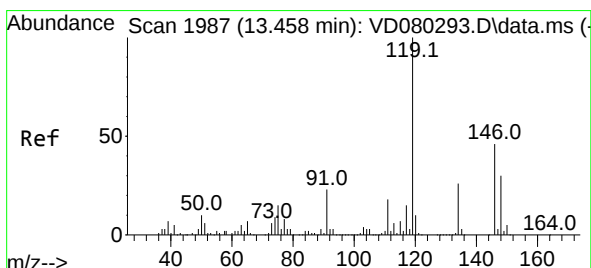
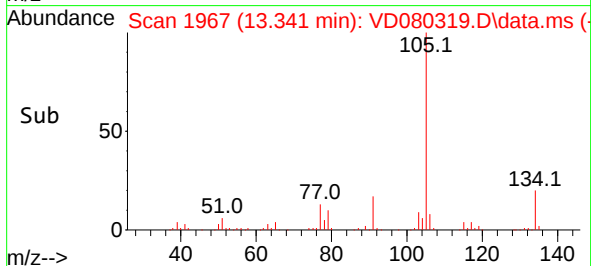
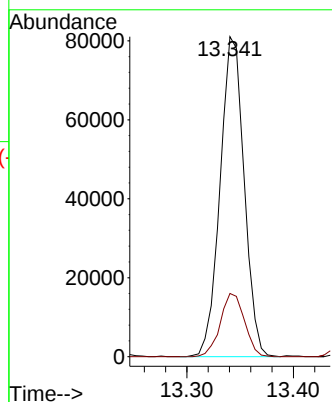
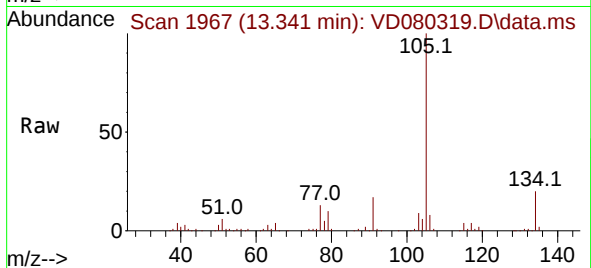
VD0514SBS01

Tgt Ion:105 Resp: 127008

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 17.724 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

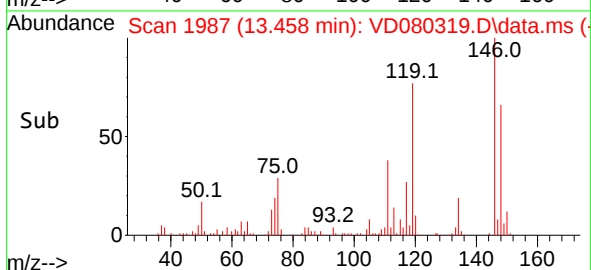
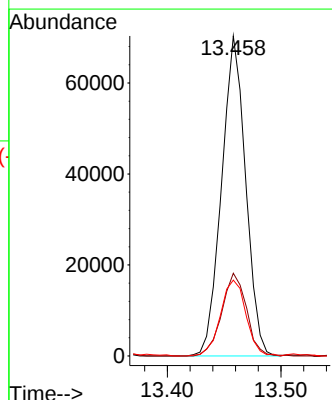
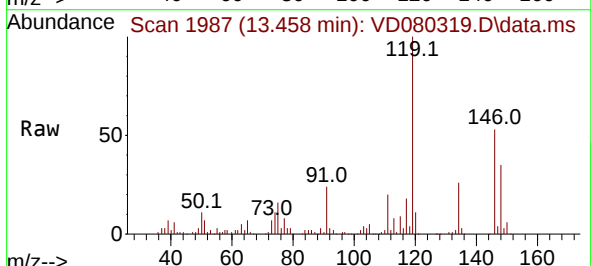
Tgt Ion:119 Resp: 103447

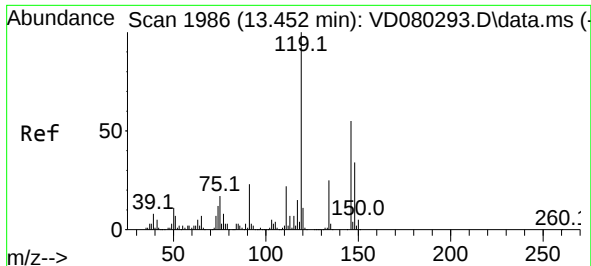
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 25.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 18.650 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

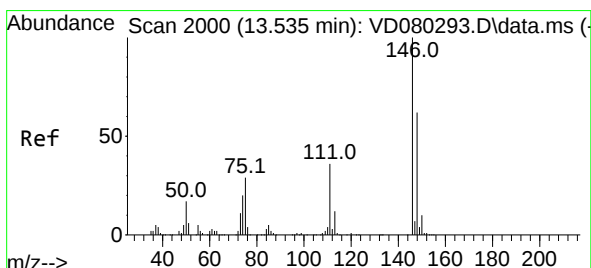
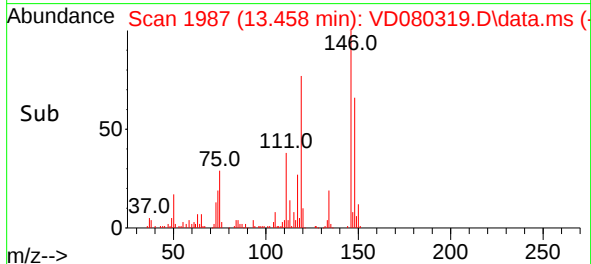
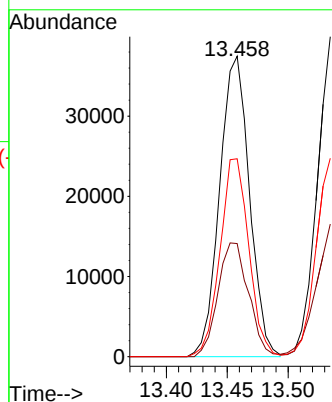
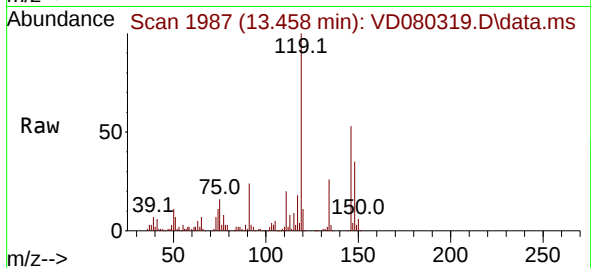
Tgt Ion:146 Resp: 63836

Ion Ratio Lower Upper

146 100

111 38.9 20.0 59.9

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 18.594 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

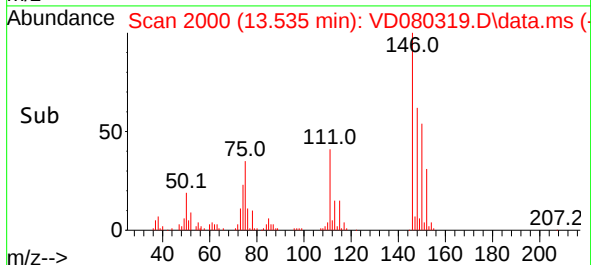
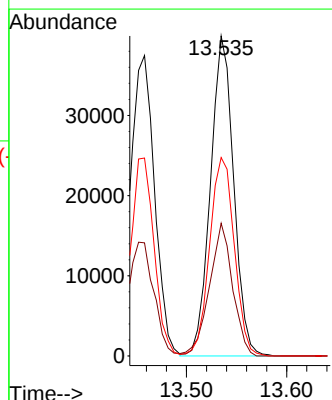
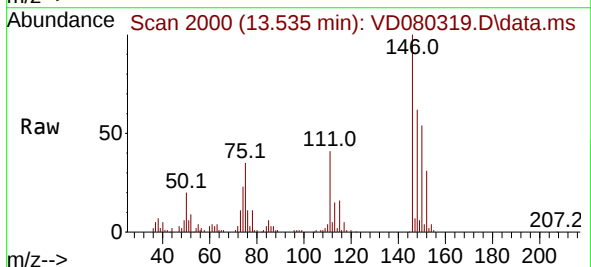
Tgt Ion:146 Resp: 64159

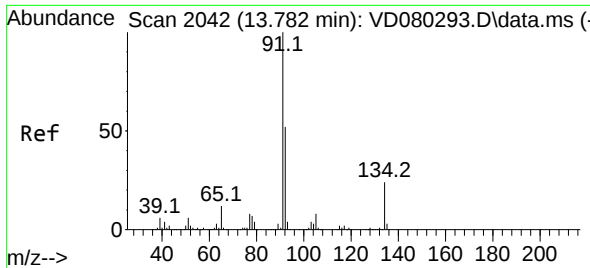
Ion Ratio Lower Upper

146 100

111 41.5 19.3 57.8

148 66.0 32.9 98.7

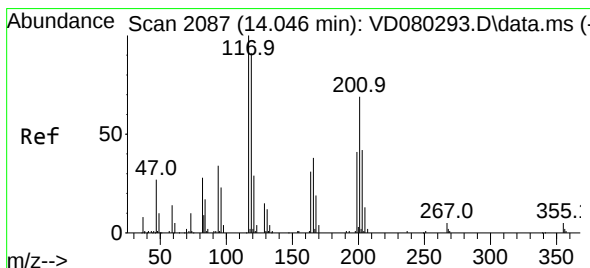
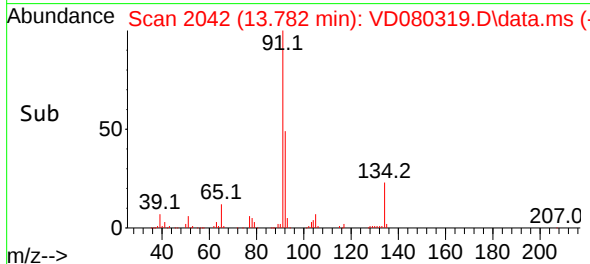
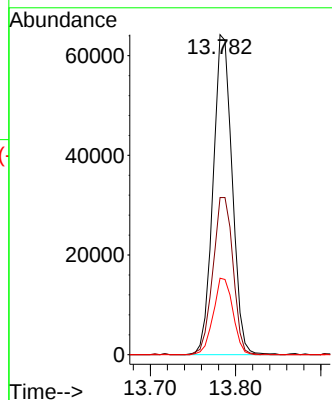
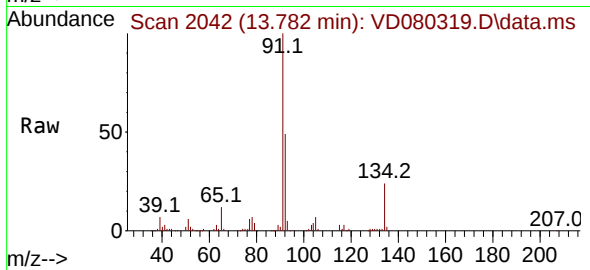




#89
n-Butylbenzene
Concen: 17.661 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.005 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

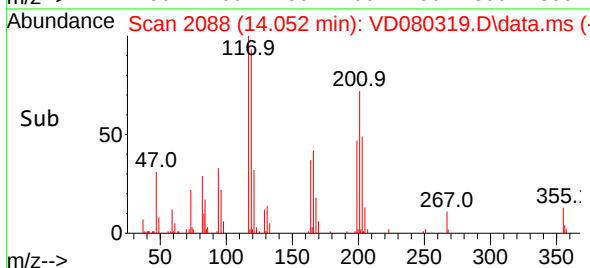
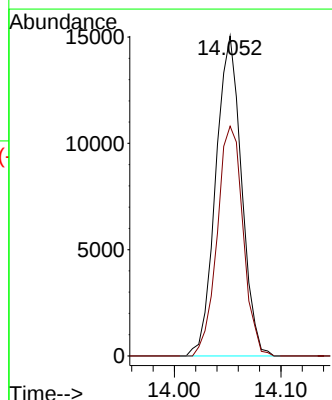
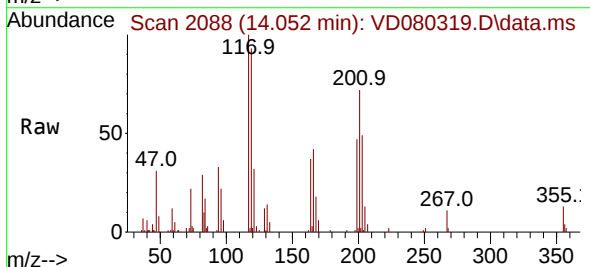
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

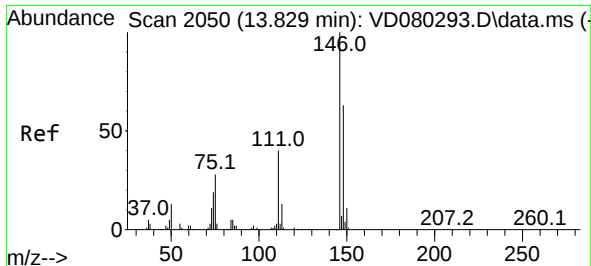
Tgt Ion: 91 Resp: 100066
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 24.6 12.3 36.8



#90
Hexachloroethane
Concen: 19.544 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion: 117 Resp: 25240
Ion Ratio Lower Upper
117 100
201 72.0 37.5 112.5

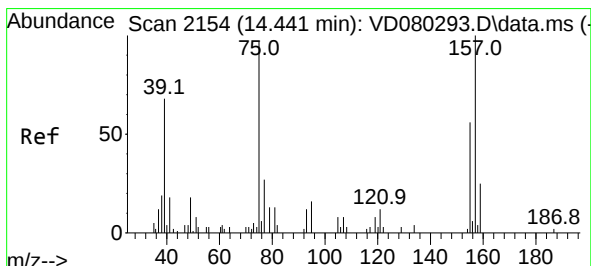
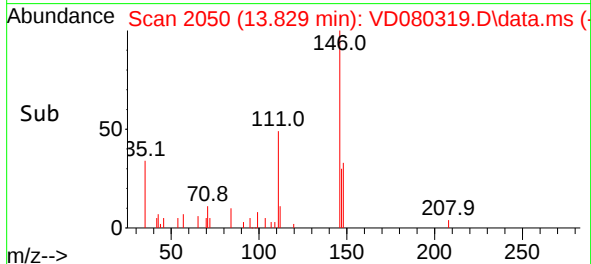
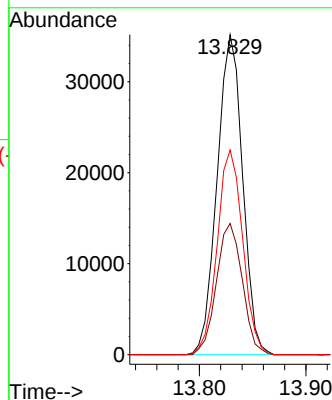
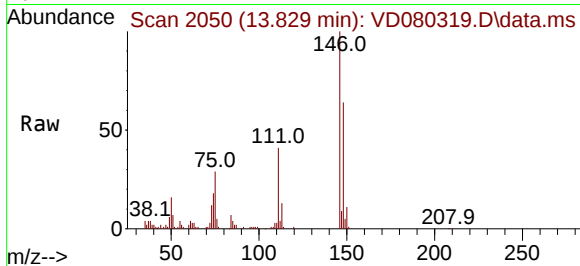




#91
 1,2-Dichlorobenzene
 Concen: 19.652 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

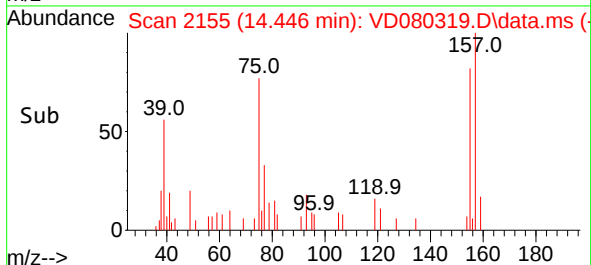
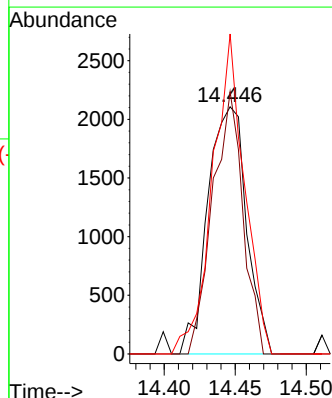
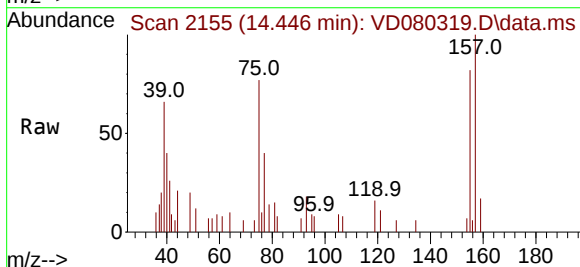
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBS01

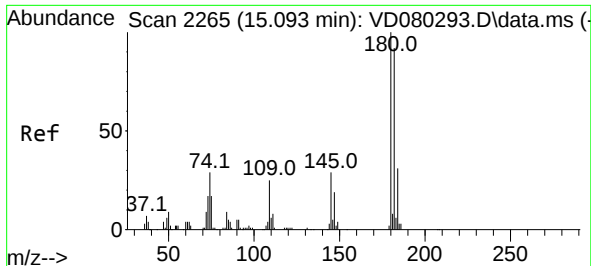
Tgt Ion:146 Resp: 58430
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.6 61.8
 148 64.0 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.029 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080319.D
 Acq: 14 May 2025 13:29

Tgt Ion: 75 Resp: 3998
 Ion Ratio Lower Upper
 75 100
 155 82.7 40.6 122.0
 157 106.5 53.3 159.9

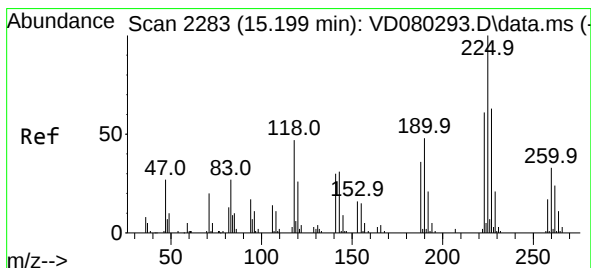
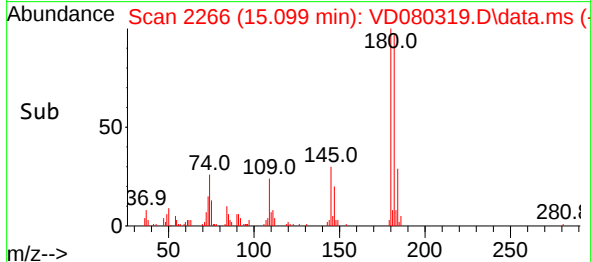
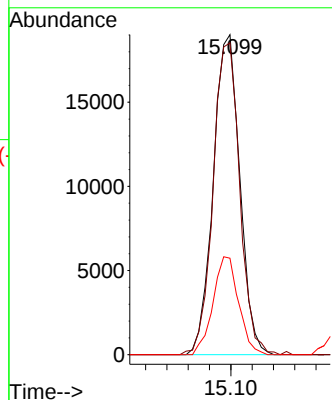
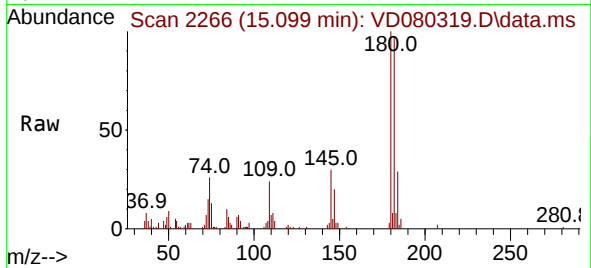




#93
1,2,4-Trichlorobenzene
Concen: 17.580 ug/l
RT: 15.099 min Scan# 2266
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

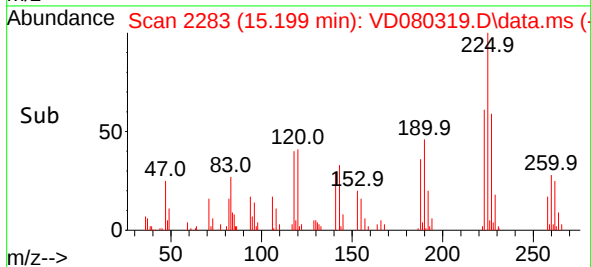
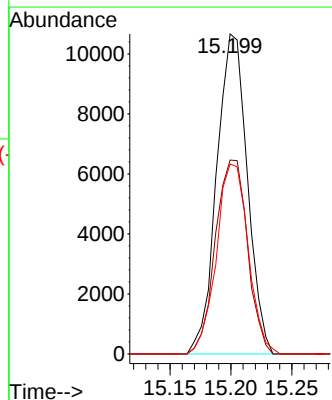
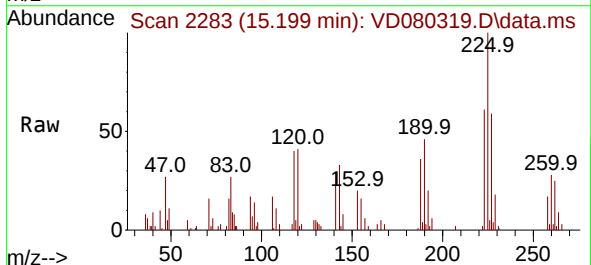
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

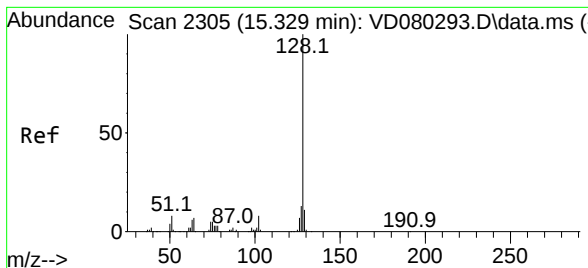
Tgt Ion:180 Resp: 32872
Ion Ratio Lower Upper
180 100
182 97.6 47.4 142.2
145 29.5 14.7 44.1



#94
Hexachlorobutadiene
Concen: 19.190 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.001 min
Lab File: VD080319.D
Acq: 14 May 2025 13:29

Tgt Ion:225 Resp: 18668
Ion Ratio Lower Upper
225 100
223 63.4 31.5 94.5
227 61.5 30.9 92.5





#95

Naphthalene

Concen: 16.854 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

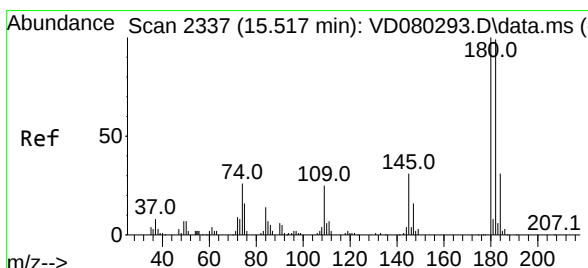
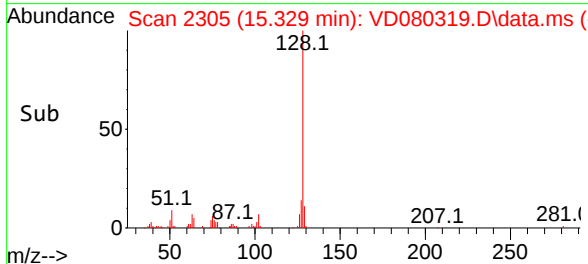
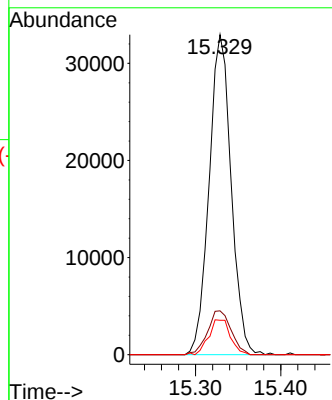
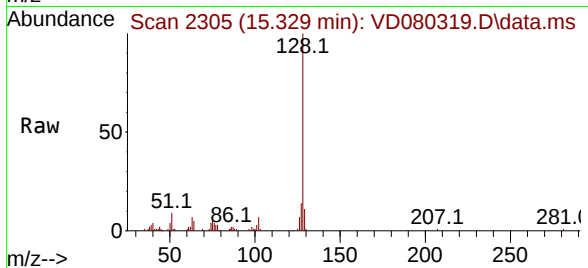
Tgt Ion:128 Resp: 59175

Ion Ratio Lower Upper

128 100

127 13.7 11.8 17.8

129 10.7 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 18.386 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD080319.D

Acq: 14 May 2025 13:29

Tgt Ion:180 Resp: 30749

Ion Ratio Lower Upper

180 100

182 92.8 47.5 142.6

145 28.8 15.7 47.0

