

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080363.D
 Acq On : 16 May 2025 11:29
 Operator : RP/MD
 Sample : VD0516SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Quant Time: May 17 01:17:12 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	40972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	65195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	62693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	39674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	47157	89.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.000%#	
35) Dibromofluoromethane	7.806	113	45808	104.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 209.660%#	
50) Toluene-d8	10.270	98	170983	99.312	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 198.620%#	
62) 4-Bromofluorobenzene	12.570	95	53482	96.782	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 193.560%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.935	85	21777	61.887	ug/l	98
3) Chloromethane	2.147	50	41282	59.598	ug/l	93
4) Vinyl Chloride	2.288	62	47692	44.775	ug/l	100
5) Bromomethane	2.694	94	36890	48.115	ug/l	97
6) Chloroethane	2.841	64	33128	43.988	ug/l	93
7) Trichlorofluoromethane	3.176	101	46134	56.486	ug/l	89
8) Diethyl Ether	3.594	74	13631	54.067	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.970	101	27878	55.400	ug/l	95
10) Methyl Iodide	4.165	142	27530	53.668	ug/l	97
11) Tert butyl alcohol	5.053	59	8503	264.470	ug/l #	82
12) 1,1-Dichloroethene	3.947	96	25756	51.916	ug/l	100
13) Acrolein	3.800	56	6029	106.577	ug/l	95
14) Allyl chloride	4.559	41	37758	48.393	ug/l	94
15) Acrylonitrile	5.253	53	28450	234.724	ug/l #	80
16) Acetone	4.023	43	22818	281.891	ug/l	99
17) Carbon Disulfide	4.276	76	86621	50.280	ug/l	96
18) Methyl Acetate	4.565	43	16067	46.864	ug/l	95
19) Methyl tert-butyl Ether	5.317	73	54483	49.990	ug/l	99
20) Methylene Chloride	4.806	84	36175	65.085	ug/l	94
21) trans-1,2-Dichloroethene	5.306	96	28446	52.780	ug/l	92
22) Diisopropyl ether	6.211	45	83093	51.699	ug/l	94
23) Vinyl Acetate	6.159	43	225746	241.156	ug/l	99
24) 1,1-Dichloroethane	6.111	63	52638	52.045	ug/l	98
25) 2-Butanone	7.082	43	22318	153.092	ug/l	97
26) 2,2-Dichloropropane	7.076	77	30870	38.358	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	23451	39.273	ug/l	99
28) Bromochloromethane	7.429	49	17086	36.283	ug/l	94
29) Tetrahydrofuran	7.447	42	14867	156.409	ug/l	99
30) Chloroform	7.594	83	40507	40.162	ug/l	96
31) Cyclohexane	7.882	56	27994	32.521	ug/l	95
32) 1,1,1-Trichloroethane	7.788	97	34084	41.421	ug/l	98
36) 1,1-Dichloropropene	8.011	75	25997	39.808	ug/l	99
37) Ethyl Acetate	7.170	43	10169	29.778	ug/l #	93
38) Carbon Tetrachloride	7.994	117	29385	43.146	ug/l	97
39) Methylcyclohexane	9.276	83	27926	36.852	ug/l	99
40) Benzene	8.253	78	81503	39.831	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.406	41	6221	32.919	ug/l	95
42) 1,2-Dichloroethane	8.329	62	24441	41.221	ug/l	96
43) Isopropyl Acetate	8.364	43	22239	35.914	ug/l #	82
44) Trichloroethene	9.023	130	20461	43.077	ug/l	91
45) 1,2-Dichloropropane	9.305	63	21013	40.041	ug/l	96
46) Dibromomethane	9.394	93	12229	42.800	ug/l	99
47) Bromodichloromethane	9.588	83	30647	42.259	ug/l #	96
48) Methyl methacrylate	9.382	41	9076	30.847	ug/l #	87
49) 1,4-Dioxane	9.382	88	2488	732.412	ug/l #	88
51) 4-Methyl-2-Pentanone	10.158	43	54351	170.347	ug/l	98
52) Toluene	10.335	92	51715	41.951	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	25053	37.894	ug/l	97
54) cis-1,3-Dichloropropene	10.017	75	29948	39.090	ug/l #	86
55) 1,1,2-Trichloroethane	10.729	97	15377	40.686	ug/l	96
56) Ethyl methacrylate	10.599	69	16612	36.273	ug/l	96
57) 1,3-Dichloropropane	10.876	76	23533	37.465	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.870	63	35031	186.910	ug/l	96
59) 2-Hexanone	10.917	43	35940	163.749	ug/l	99
60) Dibromochloromethane	11.076	129	21505	45.404	ug/l	99
61) 1,2-Dibromoethane	11.176	107	14796	42.219	ug/l	97
64) Tetrachloroethene	10.805	164	17403	40.992	ug/l	91
65) Chlorobenzene	11.605	112	53608	37.870	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.682	131	20141	41.413	ug/l	97
67) Ethyl Benzene	11.682	91	87859	37.140	ug/l	100
68) m/p-Xylenes	11.788	106	73167	79.657	ug/l	97
69) o-Xylene	12.123	106	32680	38.935	ug/l	89
70) Styrene	12.129	104	59317	39.357	ug/l	98
71) Bromoform	12.299	173	11927	41.277	ug/l #	97
73) Isopropylbenzene	12.417	105	80315	31.207	ug/l	97
74) N-amyl acetate	12.229	43	20830	28.200	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	18607	32.878	ug/l	99
76) 1,2,3-Trichloropropane	12.717	75	22372	58.427	ug/l #	100
77) Bromobenzene	12.699	156	23181	34.725	ug/l	99
78) n-propylbenzene	12.764	91	116902	36.196	ug/l	97
79) 2-Chlorotoluene	12.846	91	62171	33.094	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	72773	33.153	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.470	75	6232	30.894	ug/l	94
82) 4-Chlorotoluene	12.946	91	66744	32.914	ug/l	98
83) tert-Butylbenzene	13.164	119	59655	32.568	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	73229	32.606	ug/l	98
85) sec-Butylbenzene	13.341	105	91643	32.444	ug/l	99
86) p-Isopropyltoluene	13.458	119	85742	36.117	ug/l	98
87) 1,3-Dichlorobenzene	13.458	146	52139	37.451	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	52446	37.368	ug/l	99
89) n-Butylbenzene	13.788	91	83008	36.019	ug/l	99
90) Hexachloroethane	14.046	117	18293	34.826	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	47167	39.001	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	3324	36.852	ug/l	85
93) 1,2,4-Trichlorobenzene	15.093	180	24135	31.733	ug/l	99
94) Hexachlorobutadiene	15.199	225	13272	33.542	ug/l	97
95) Naphthalene	15.329	128	38922	27.255	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.517	180	22048	32.413	ug/l	99

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MSVOA_D
ClientSampleId :
VD0516SBSD01

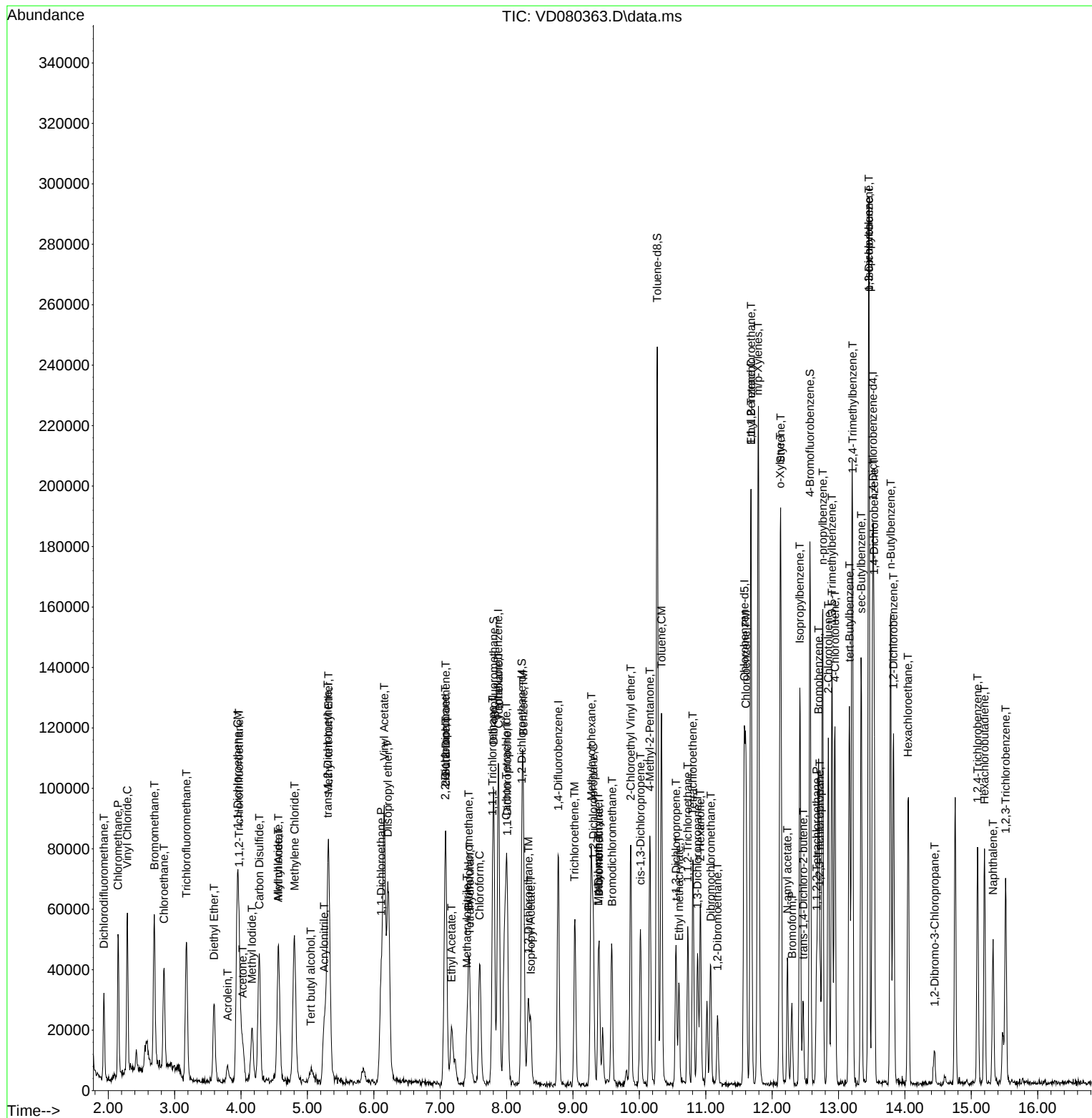
Quant Time: May 17 01:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

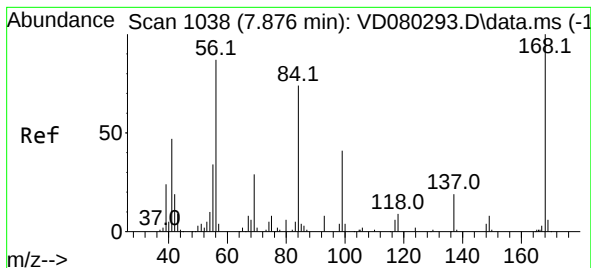
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

Quant Time: May 17 01:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
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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: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

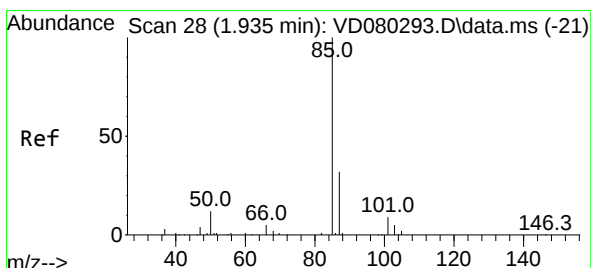
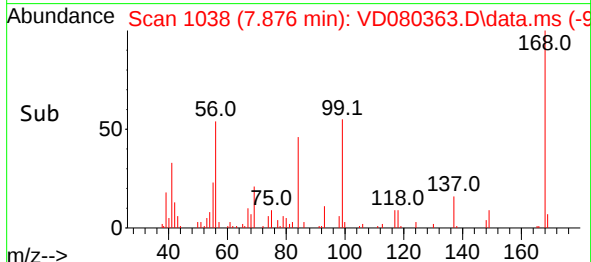
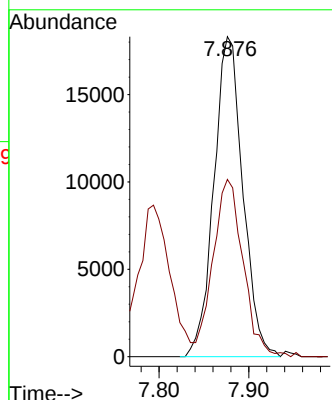
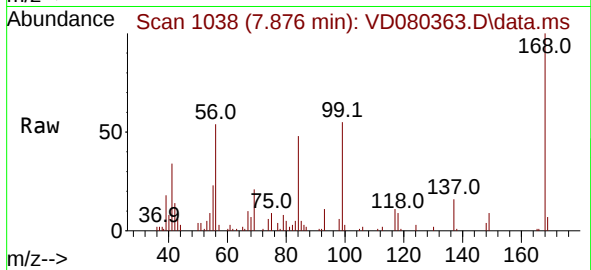
VD0516SBSD01

Tgt Ion:168 Resp: 40972

Ion Ratio Lower Upper

168 100

99 54.2 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 61.887 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.001 min

Lab File: VD080363.D

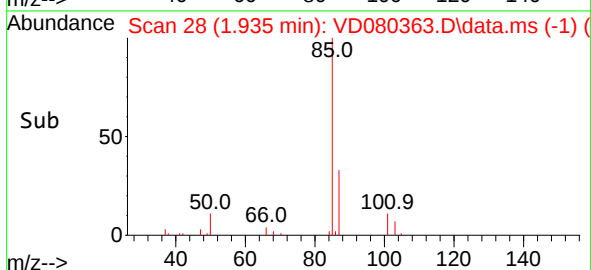
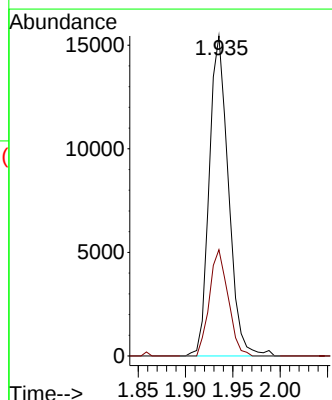
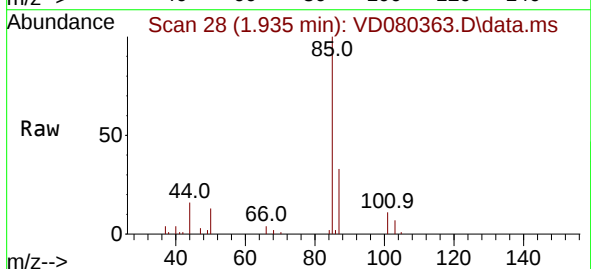
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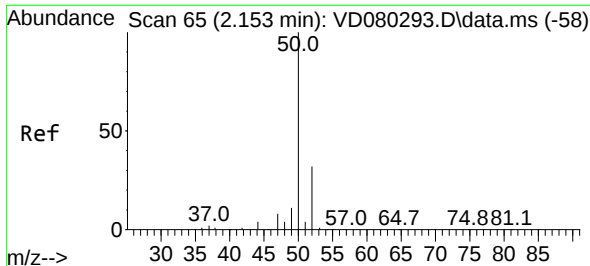
Tgt Ion: 85 Resp: 21777

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.2

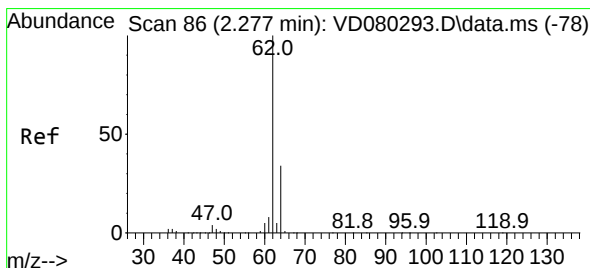
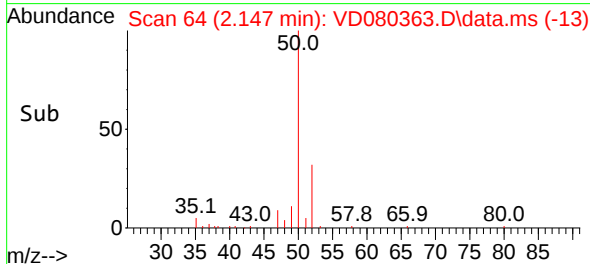
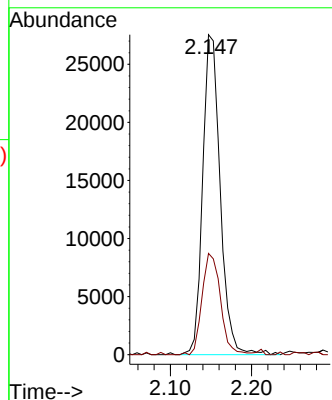
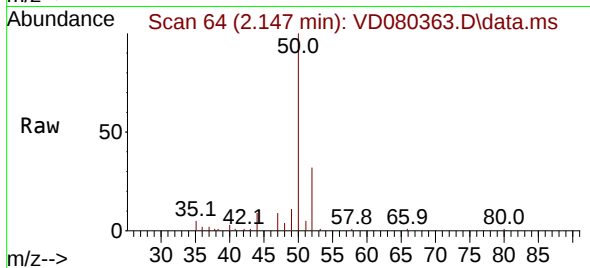




#3
Chloromethane
Concen: 59.598 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

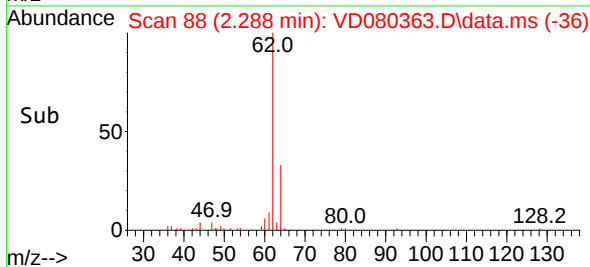
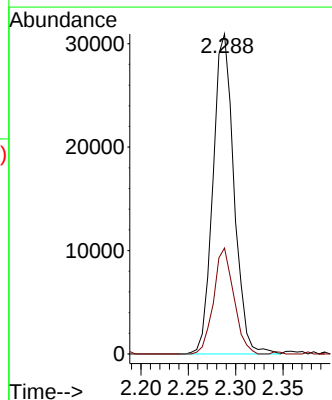
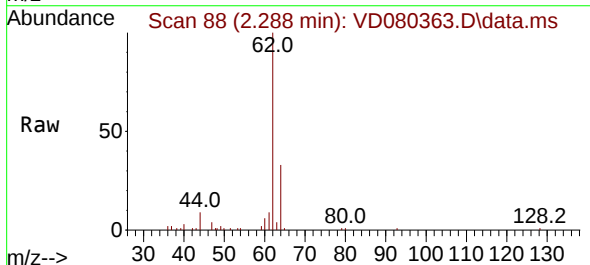
Instrument :
MSVOA_D
ClientSampleId :
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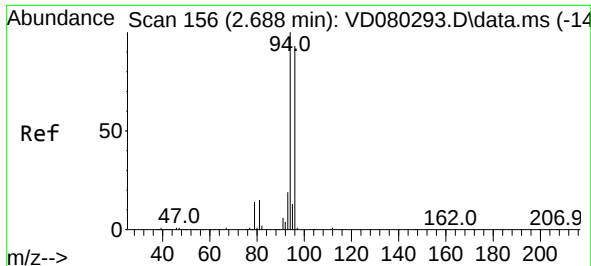
Tgt Ion: 50 Resp: 41282
Ion Ratio Lower Upper
50 100
52 31.7 28.8 43.2



#4
Vinyl Chloride
Concen: 44.775 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.007 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 62 Resp: 47692
Ion Ratio Lower Upper
62 100
64 33.1 26.5 39.7

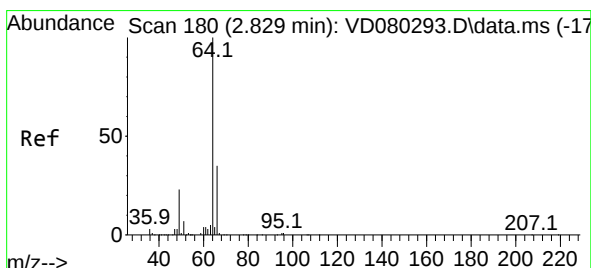
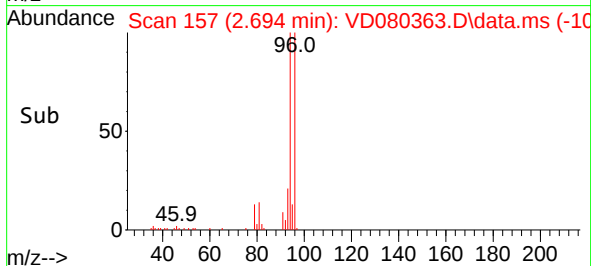
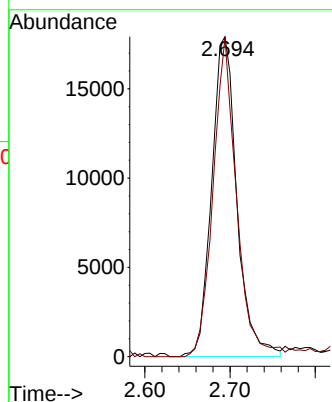
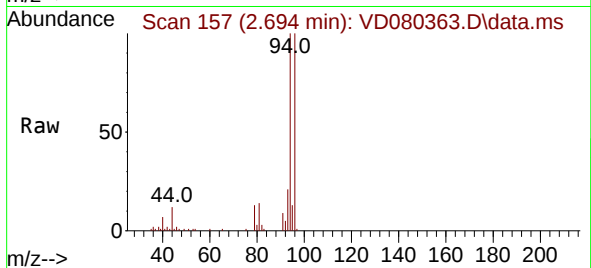




#5
Bromomethane
Concen: 48.115 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

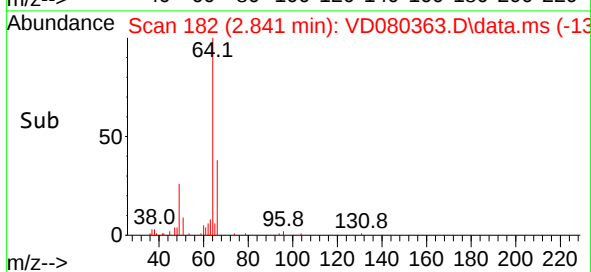
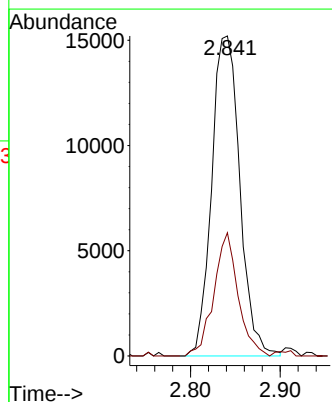
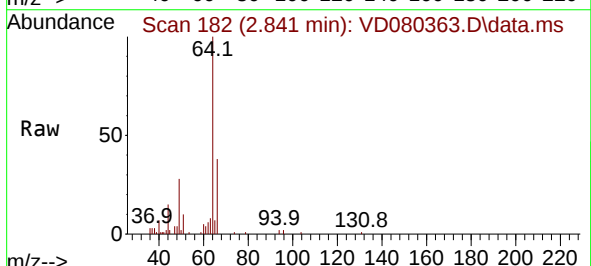
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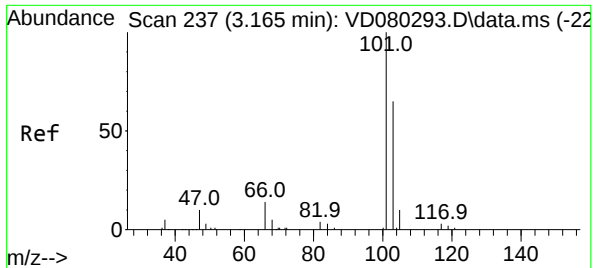
Tgt Ion: 94 Resp: 36890
Ion Ratio Lower Upper
94 100
96 92.7 76.2 114.2



#6
Chloroethane
Concen: 43.988 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.007 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 64 Resp: 33128
Ion Ratio Lower Upper
64 100
66 38.5 27.6 41.4

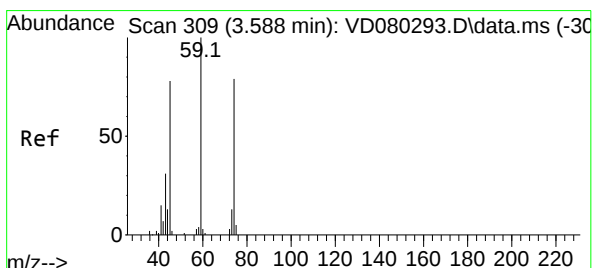
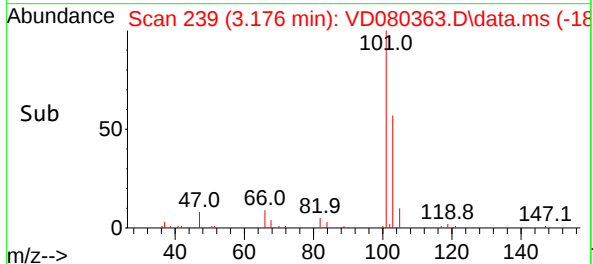
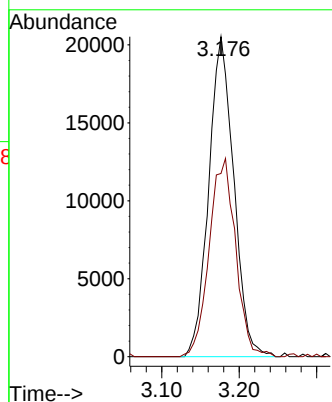
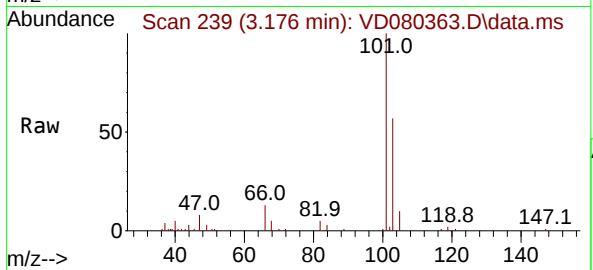




#7
 Trichlorofluoromethane
 Concen: 56.486 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

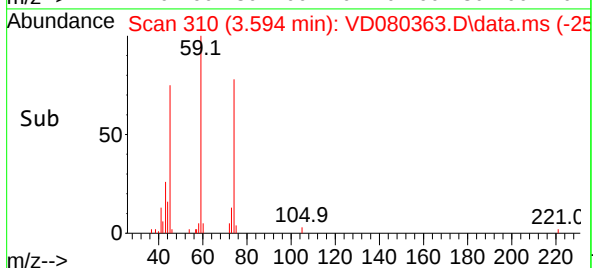
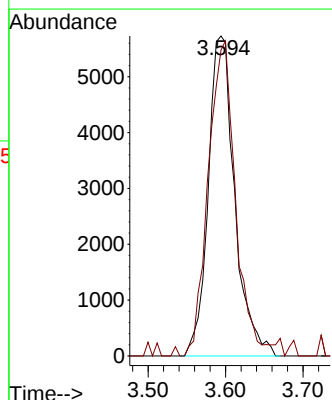
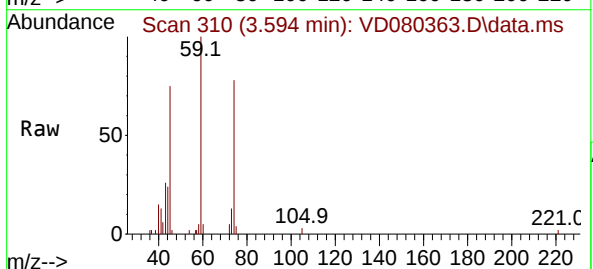
Instrument :
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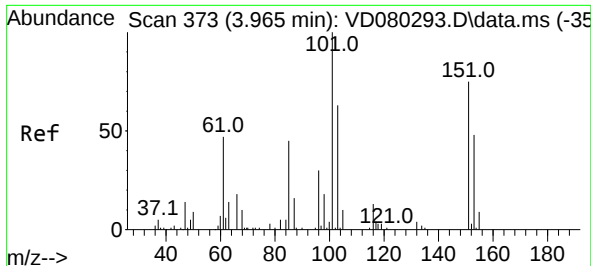
Tgt Ion:101 Resp: 46134
 Ion Ratio Lower Upper
 101 100
 103 57.2 53.0 79.6



#8
 Diethyl Ether
 Concen: 54.067 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.001 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

Tgt Ion: 74 Resp: 13631
 Ion Ratio Lower Upper
 74 100
 45 101.1 47.8 143.3

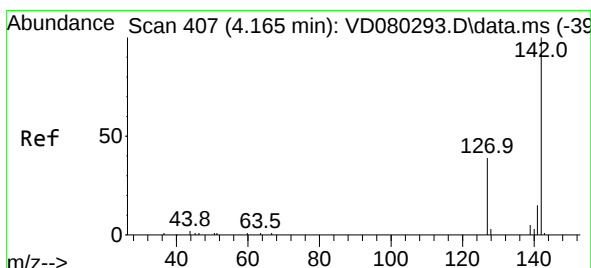
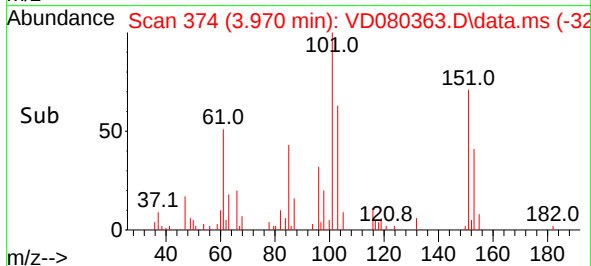
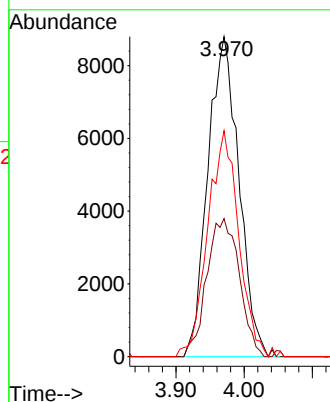
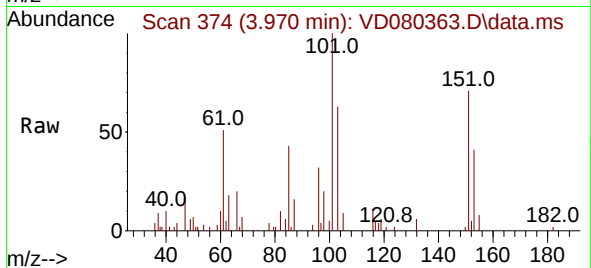




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.400 ug/l
RT: 3.970 min Scan# 373
Delta R.T. 0.000 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

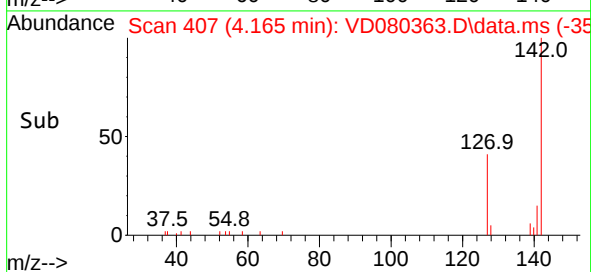
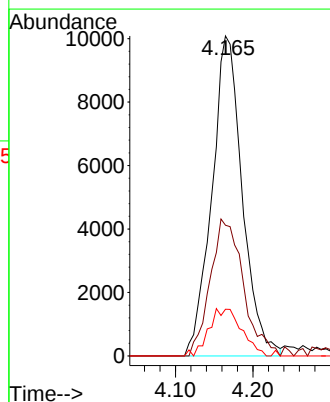
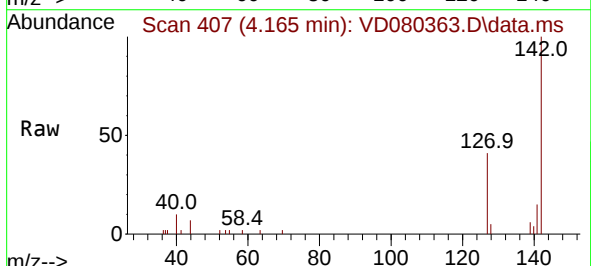
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

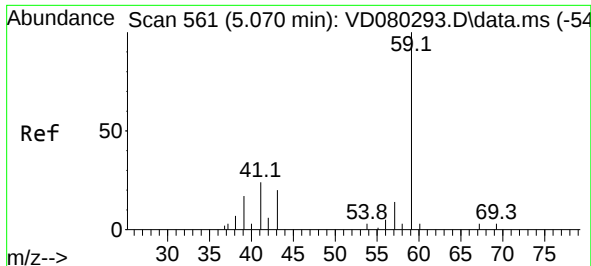
Tgt Ion:	101	Resp:	27878
Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.3	52.9
151	70.1	60.3	90.5



#10
Methyl Iodide
Concen: 53.668 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion:	142	Resp:	27530
Ion	Ratio	Lower	Upper
142	100		
127	46.3	35.3	52.9
141	15.9	12.2	18.2

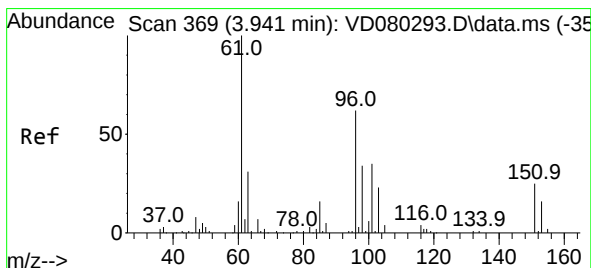
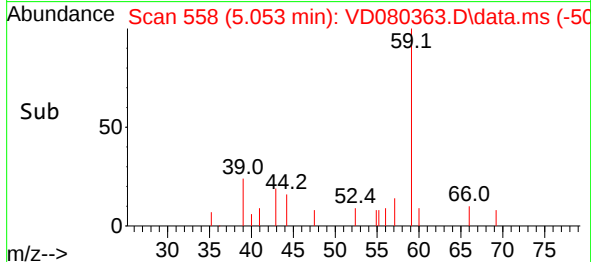
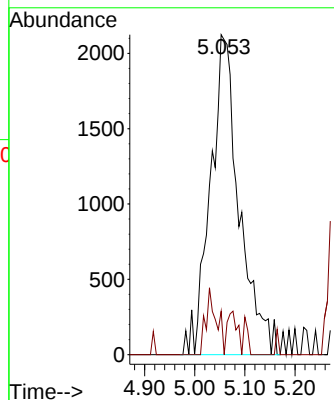
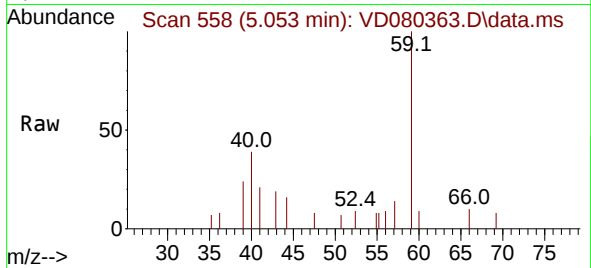




#11
Tert butyl alcohol
Concen: 264.470 ug/l
RT: 5.053 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

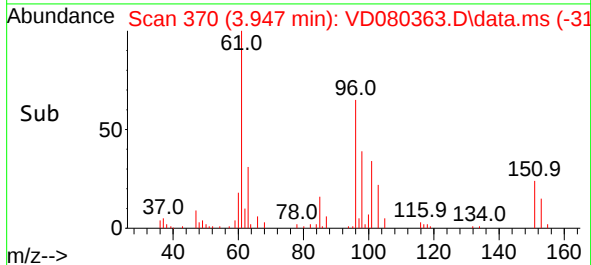
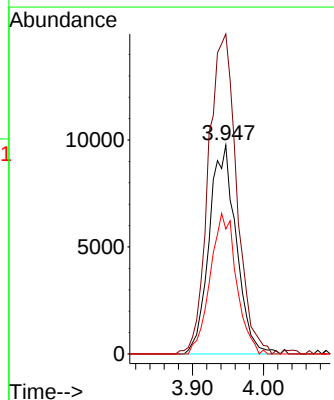
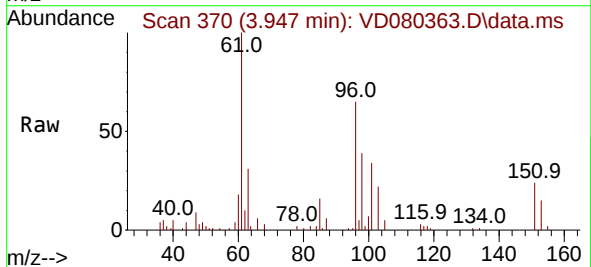
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

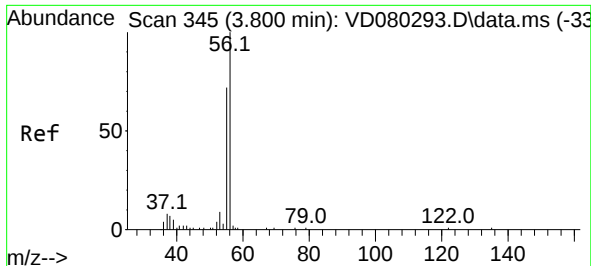
Tgt Ion: 59 Resp: 8503
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 51.916 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.007 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 96 Resp: 25756
Ion Ratio Lower Upper
96 100
61 153.3 122.6 184.0
98 59.9 47.1 70.7





#13

Acrolein

Concen: 106.577 ug/l

RT: 3.800 min Scan# 345

Delta R.T. 0.007 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

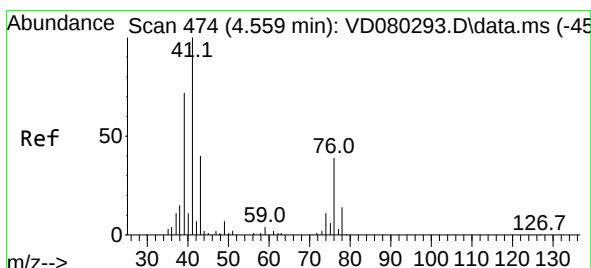
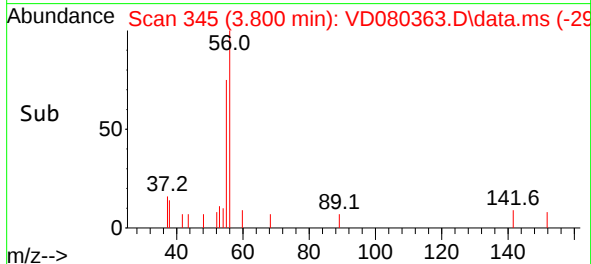
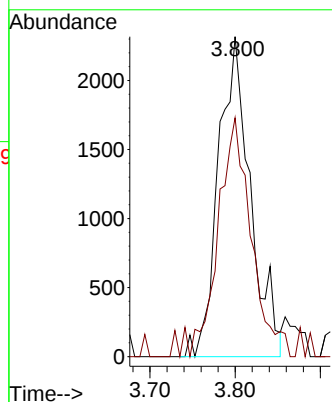
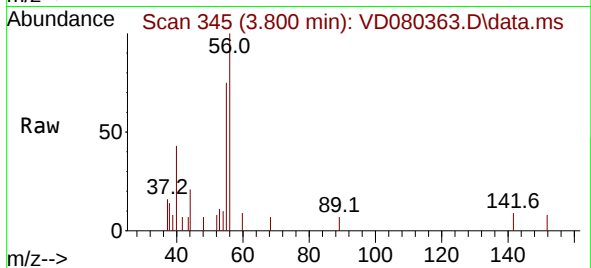
VD0516SBS01

Tgt Ion: 56 Resp: 6029

Ion Ratio Lower Upper

56 100

55 76.7 58.2 87.2



#14

Allyl chloride

Concen: 48.393 ug/l

RT: 4.559 min Scan# 474

Delta R.T. -0.005 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

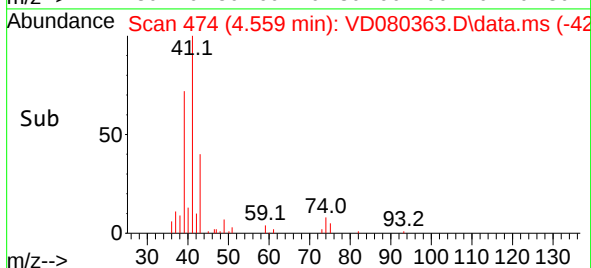
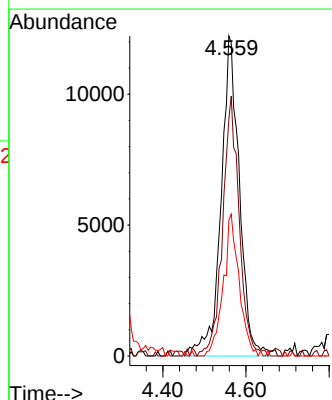
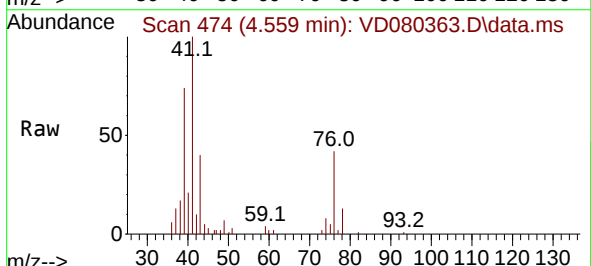
Tgt Ion: 41 Resp: 37758

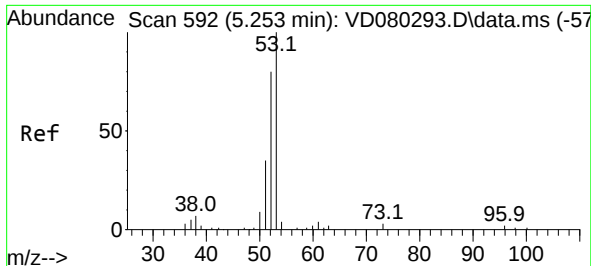
Ion Ratio Lower Upper

41 100

39 72.6 53.3 79.9

76 38.2 32.0 48.0

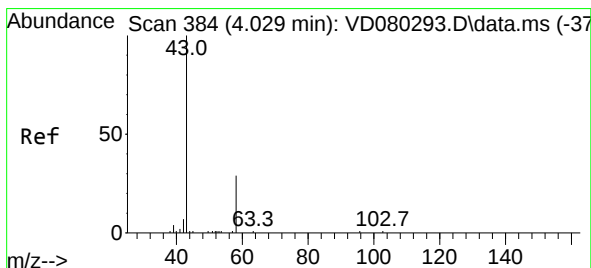
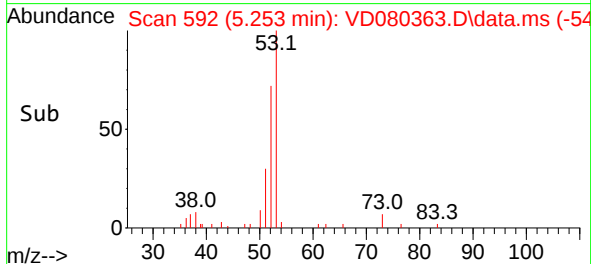
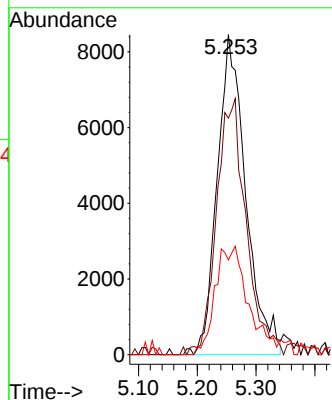
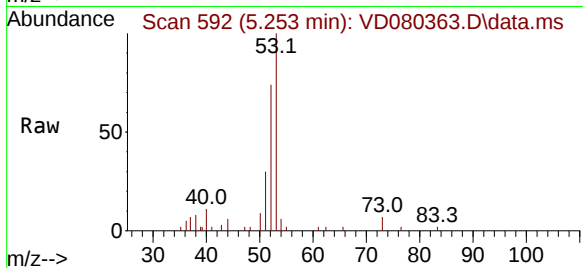




#15
Acrylonitrile
Concen: 234.724 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

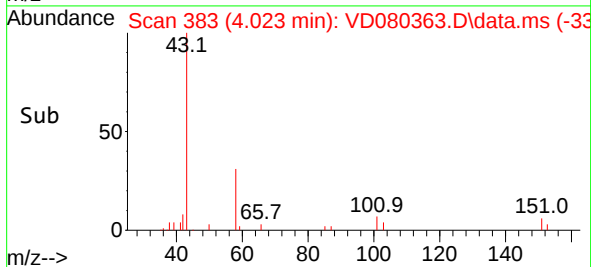
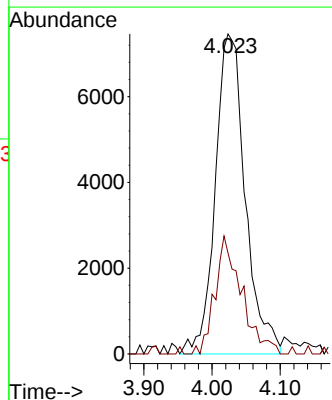
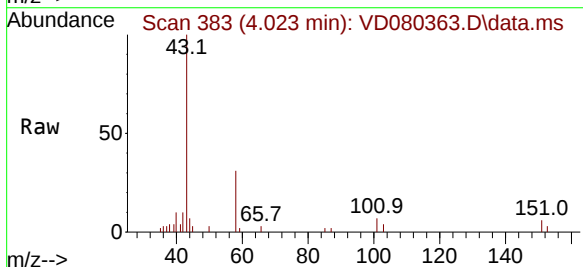
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

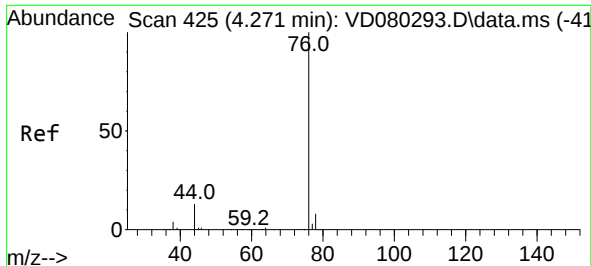
Tgt Ion: 53 Resp: 28450
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.4
51 0.0 30.3 45.5#



#16
Acetone
Concen: 281.891 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 43 Resp: 22818
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.2





#17

Carbon Disulfide

Concen: 50.280 ug/l

RT: 4.276 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

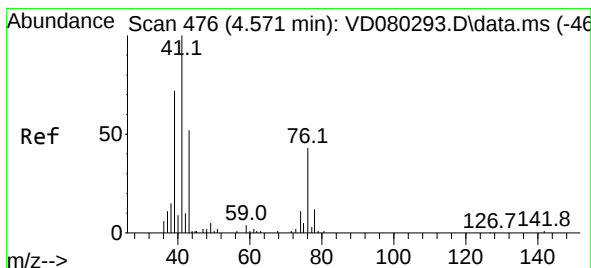
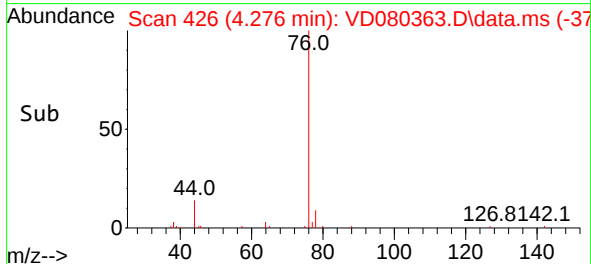
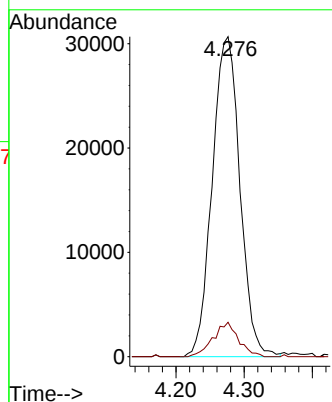
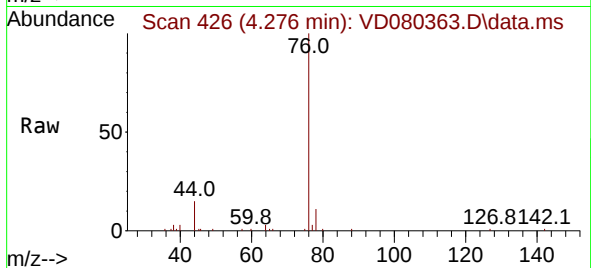
VD0516SBS01

Tgt Ion: 76 Resp: 86621

Ion Ratio Lower Upper

76 100

78 10.7 7.5 11.3



#18

Methyl Acetate

Concen: 46.864 ug/l

RT: 4.565 min Scan# 475

Delta R.T. 0.001 min

Lab File: VD080363.D

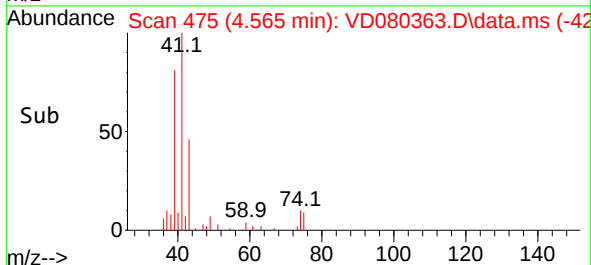
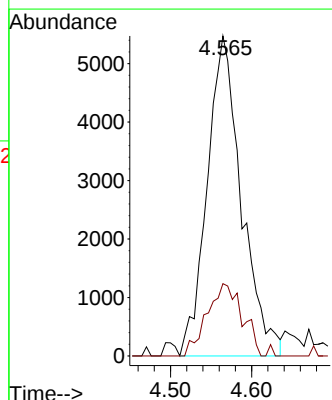
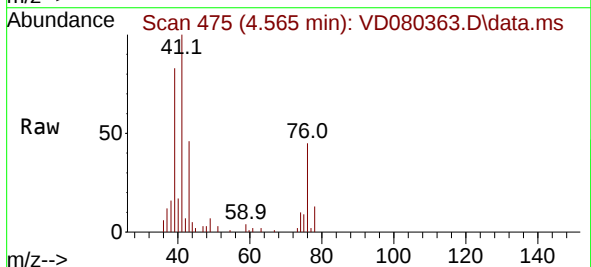
Acq: 16 May 2025 11:29

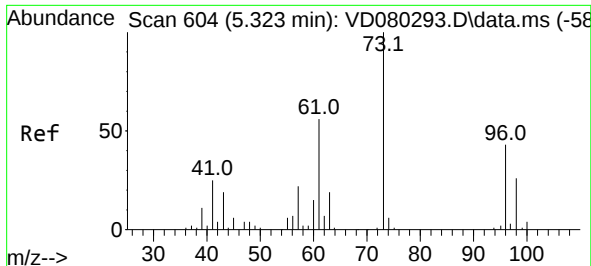
Tgt Ion: 43 Resp: 16067

Ion Ratio Lower Upper

43 100

74 23.1 20.5 30.7





#19

Methyl tert-butyl Ether

Concen: 49.990 ug/l

RT: 5.317 min Scan# 604

Delta R.T. -0.005 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

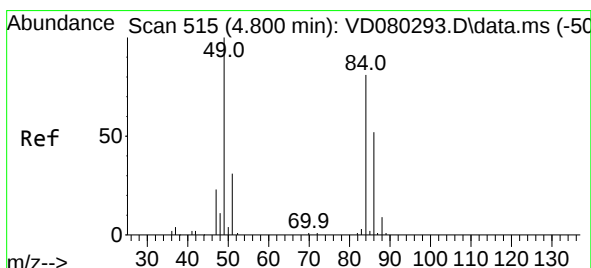
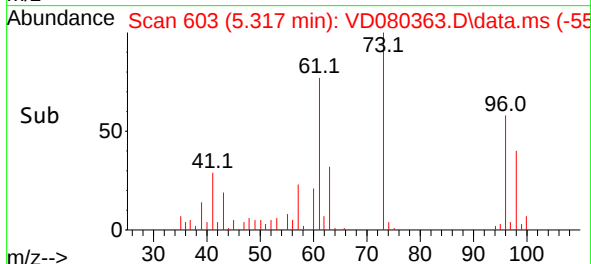
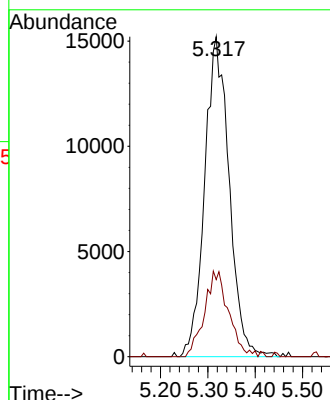
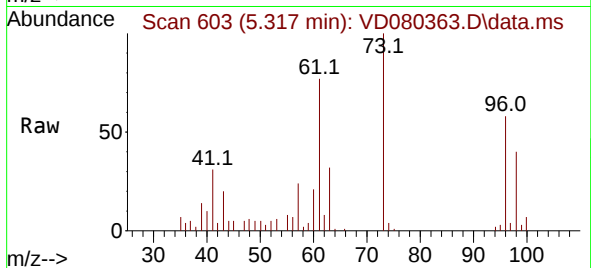
VD0516SBSD01

Tgt Ion: 73 Resp: 54483

Ion Ratio Lower Upper

73 100

57 24.1 18.8 28.2



#20

Methylene Chloride

Concen: 65.085 ug/l

RT: 4.806 min Scan# 516

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Tgt Ion: 84 Resp: 36175

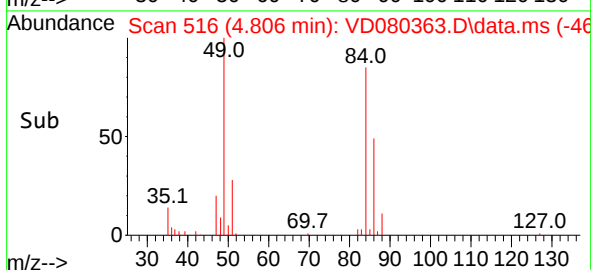
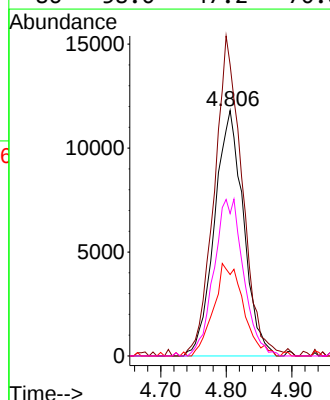
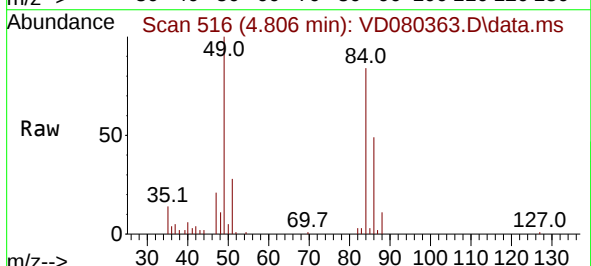
Ion Ratio Lower Upper

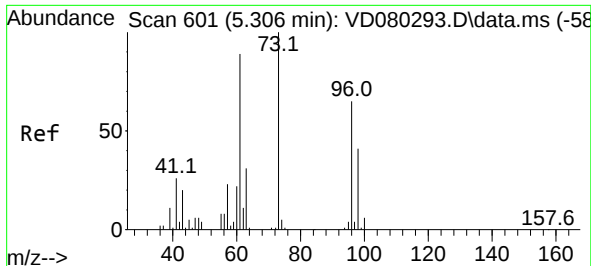
84 100

49 118.6 86.5 129.7

51 33.2 26.9 40.3

86 58.0 47.2 70.8

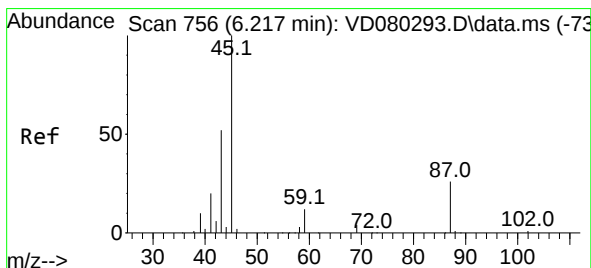
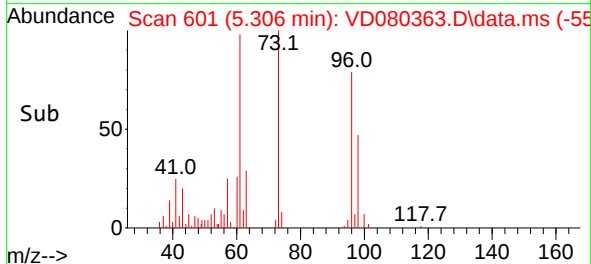
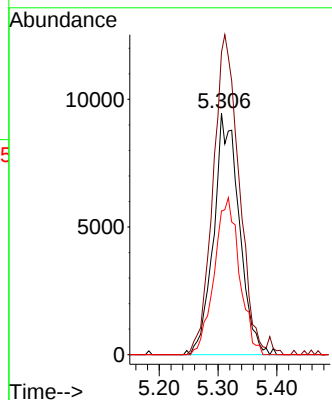
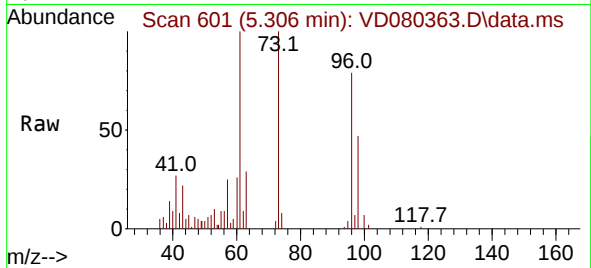




#21
trans-1,2-Dichloroethene
Concen: 52.780 ug/l
RT: 5.306 min Scan# 601
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

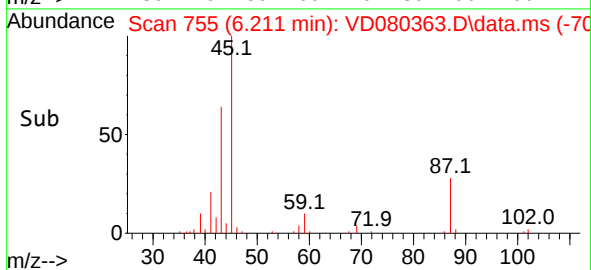
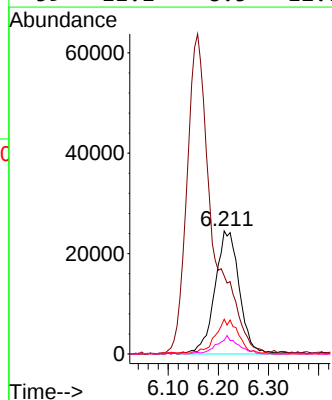
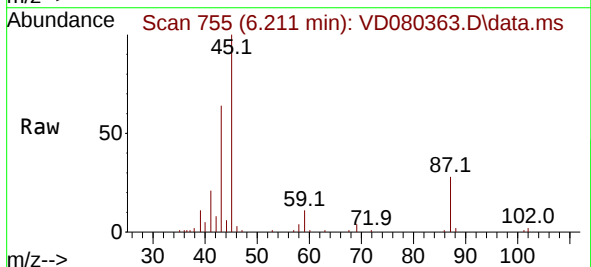
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

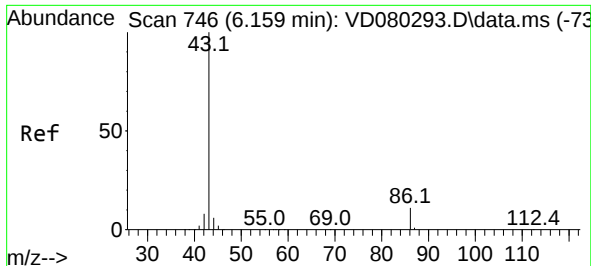
Tgt Ion: 96 Resp: 28446
Ion Ratio Lower Upper
96 100
61 125.3 109.4 164.0
98 59.5 49.8 74.8



#22
Diisopropyl ether
Concen: 51.699 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 45 Resp: 83093
Ion Ratio Lower Upper
45 100
43 59.7 42.6 63.8
87 28.2 22.7 34.1
59 11.1 8.5 12.7

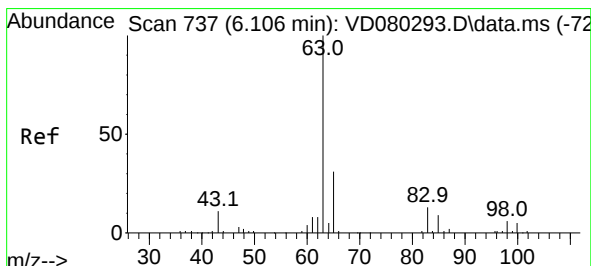
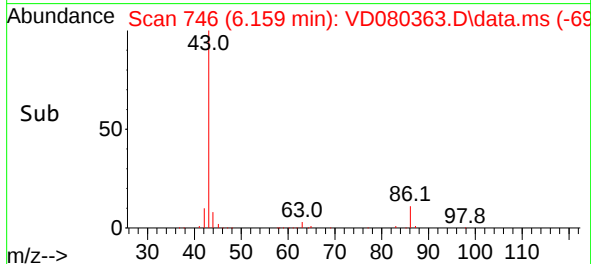
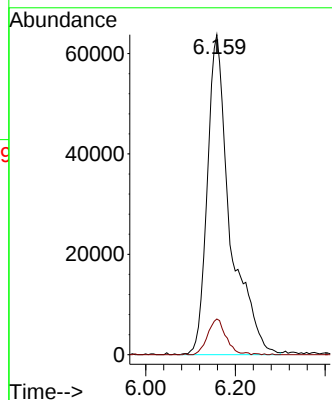
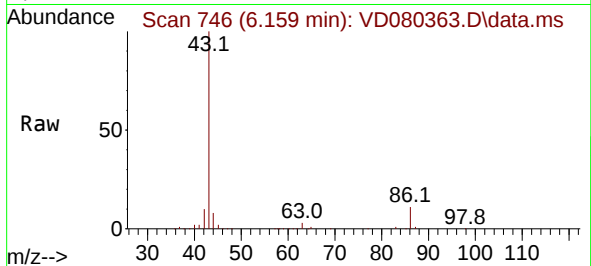




#23
 Vinyl Acetate
 Concen: 241.156 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

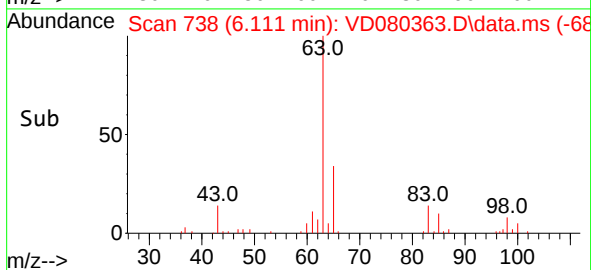
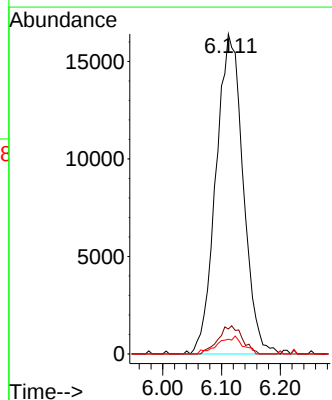
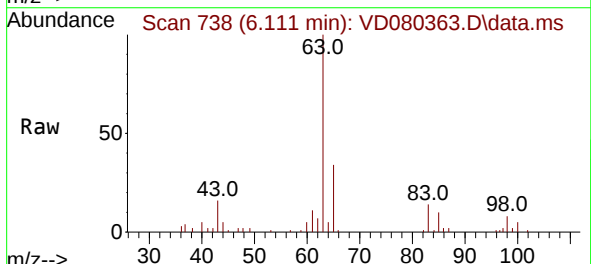
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

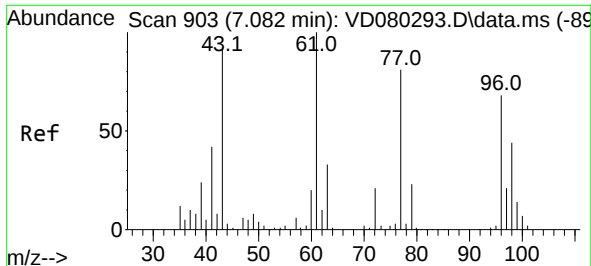
Tgt Ion: 43 Resp: 225746
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 52.045 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

Tgt Ion: 63 Resp: 52638
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 4.6 2.1 6.5

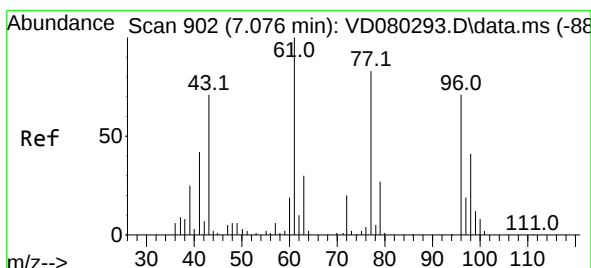
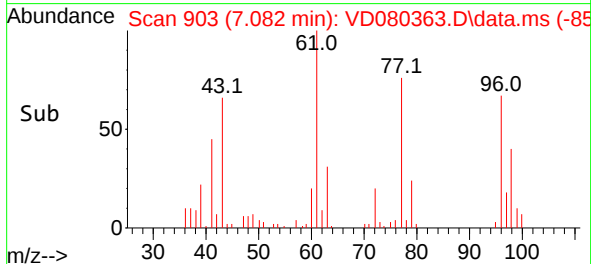
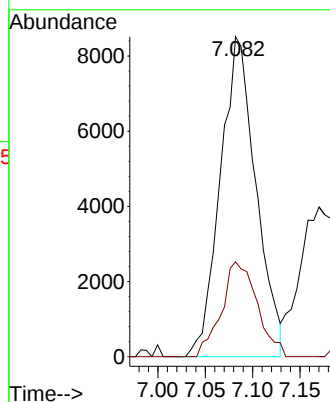
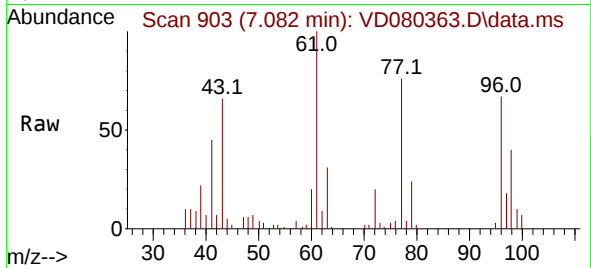




#25
2-Butanone
Concen: 153.092 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

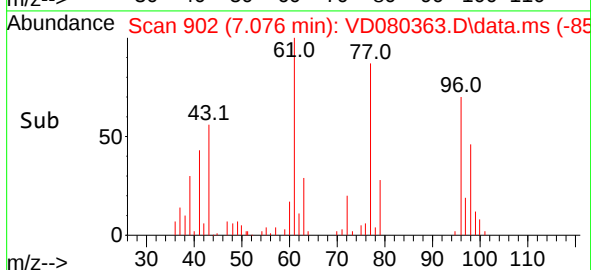
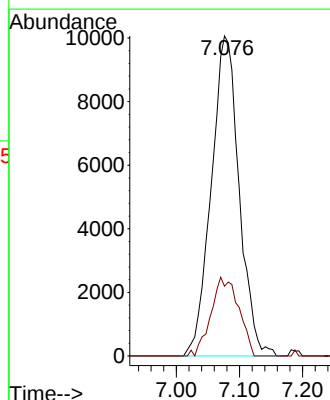
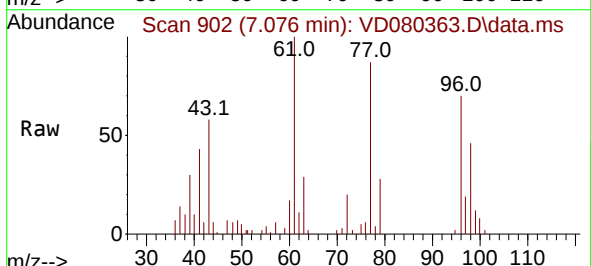
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

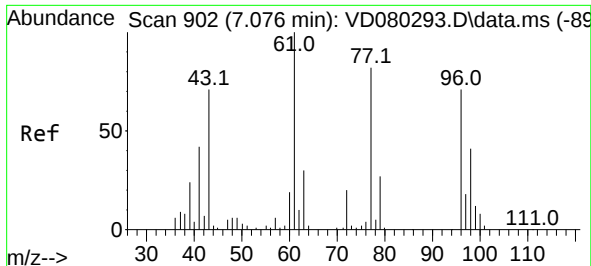
Tgt Ion: 43 Resp: 22318
Ion Ratio Lower Upper
43 100
72 29.7 22.3 33.5



#26
2,2-Dichloropropane
Concen: 38.358 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 77 Resp: 30870
Ion Ratio Lower Upper
77 100
97 24.5 11.9 35.9

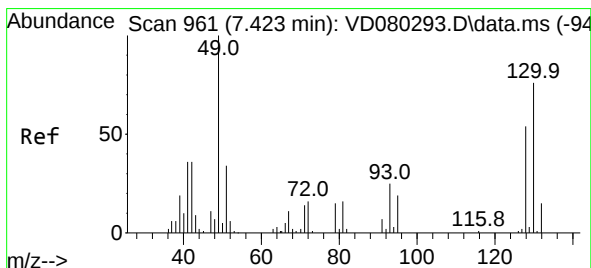
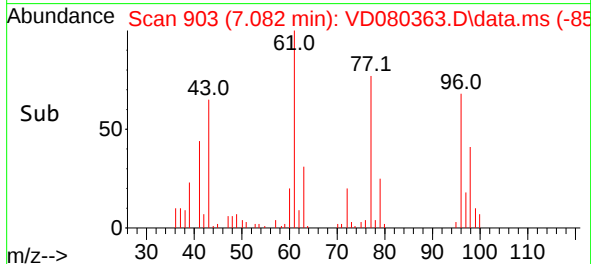
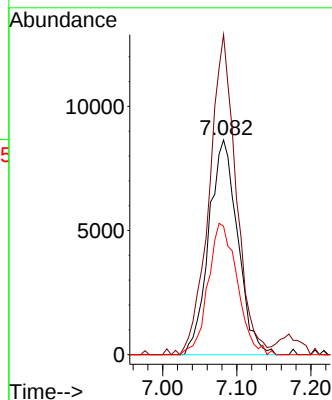
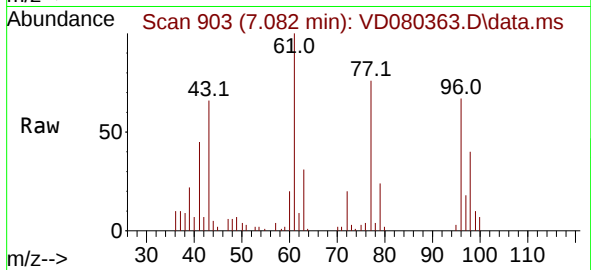




#27
 cis-1,2-Dichloroethene
 Concen: 39.273 ug/l
 RT: 7.082 min Scan# 90
 Delta R.T. 0.001 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

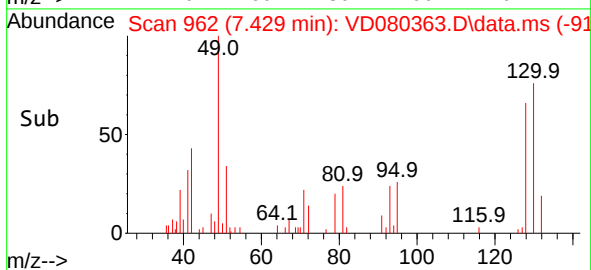
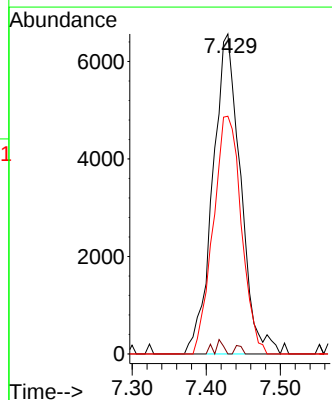
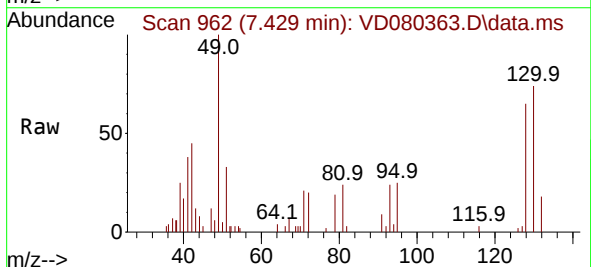
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD01

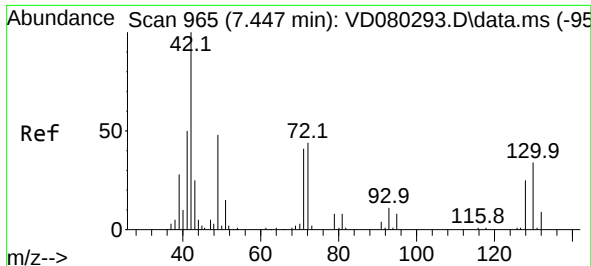
Tgt Ion: 96 Resp: 23451
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 278.2
 98 61.5 0.0 127.8



#28
 Bromochloromethane
 Concen: 36.283 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.001 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

Tgt Ion: 49 Resp: 17086
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 2.2
 130 75.3 64.6 97.0





#29

Tetrahydrofuran

Concen: 156.409 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

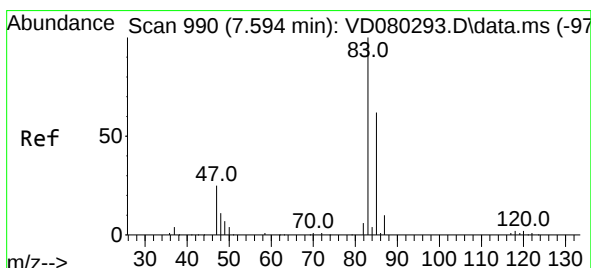
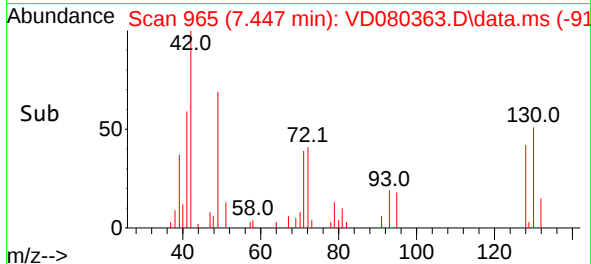
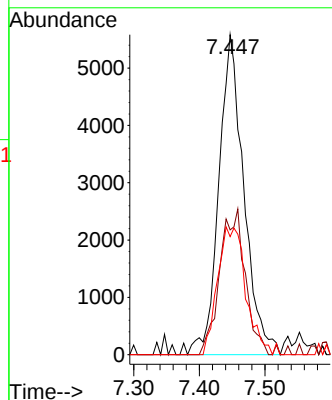
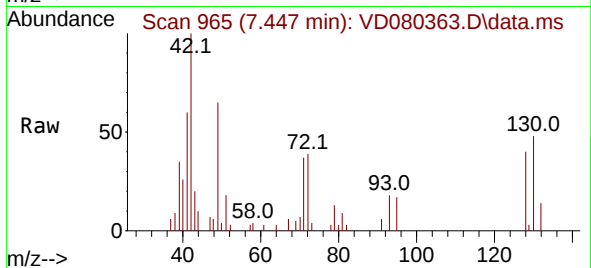
Tgt Ion: 42 Resp: 14867

Ion Ratio Lower Upper

42 100

72 46.0 36.7 55.1

71 44.7 34.4 51.6



#30

Chloroform

Concen: 40.162 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080363.D

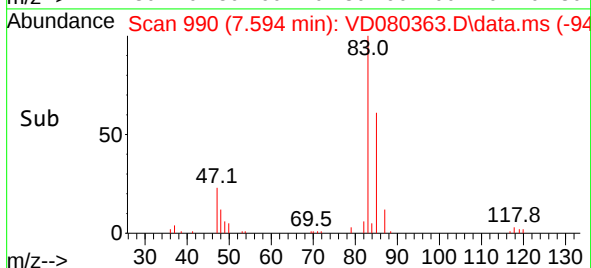
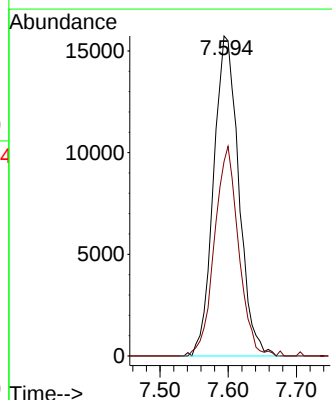
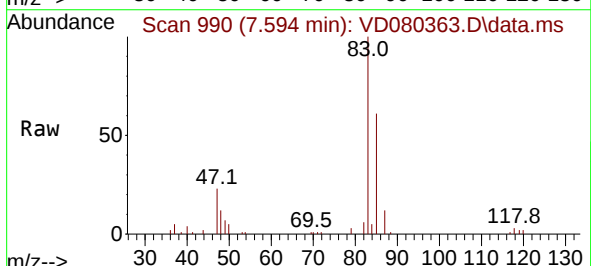
Acq: 16 May 2025 11:29

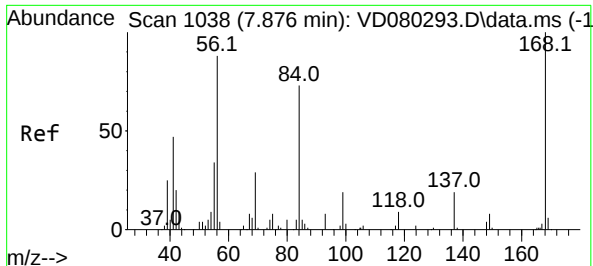
Tgt Ion: 83 Resp: 40507

Ion Ratio Lower Upper

83 100

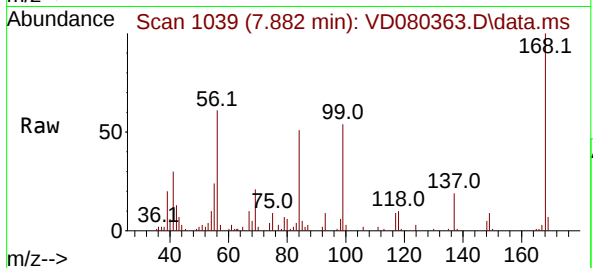
85 60.8 50.8 76.2



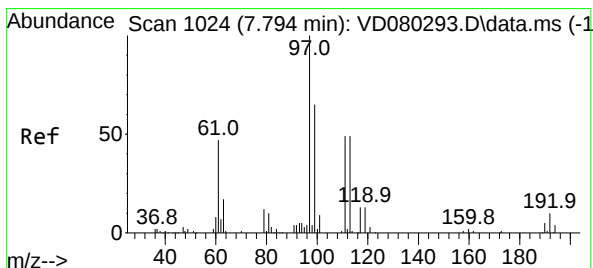
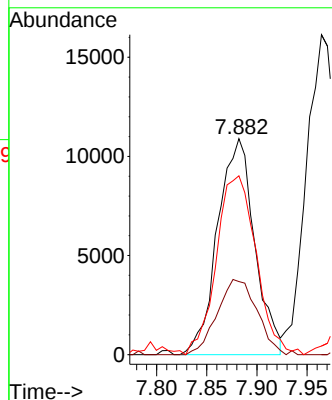
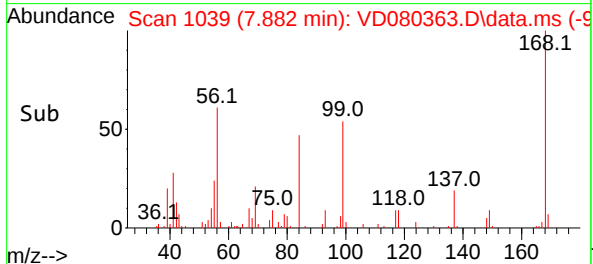


#31
Cyclohexane
Concen: 32.521 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

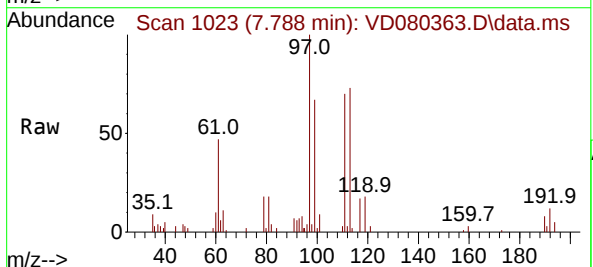
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01



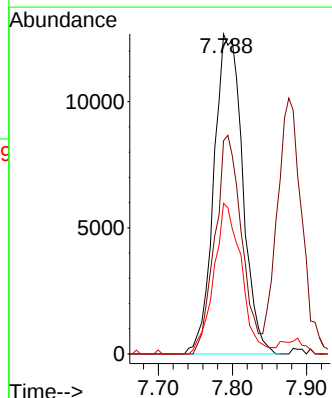
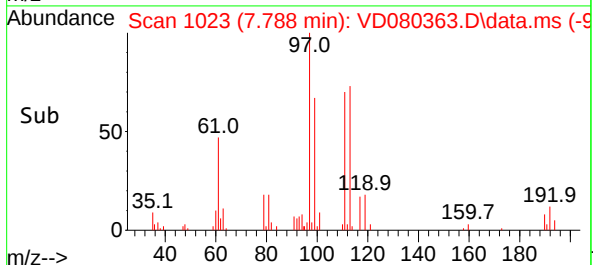
Tgt Ion: 56 Resp: 27994
Ion Ratio Lower Upper
56 100
69 33.8 27.3 40.9
84 80.9 70.2 105.4

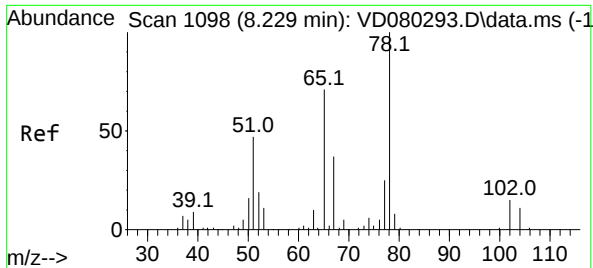


#32
1,1,1-Trichloroethane
Concen: 41.421 ug/l
RT: 7.788 min Scan# 1023
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29



Tgt Ion: 97 Resp: 34084
Ion Ratio Lower Upper
97 100
99 63.1 50.7 76.1
61 45.5 34.2 51.2

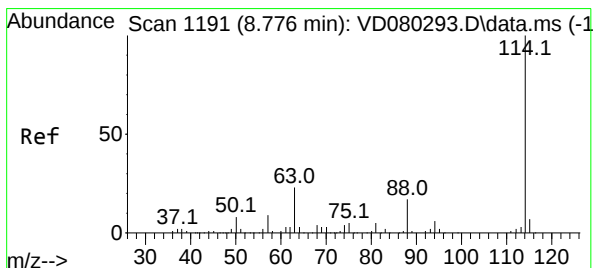
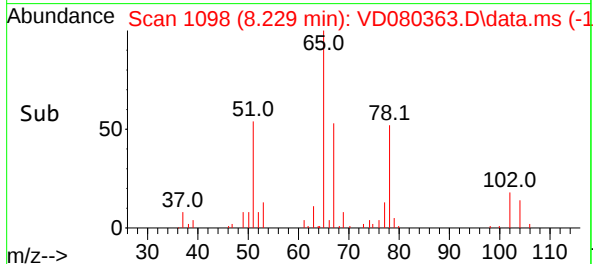
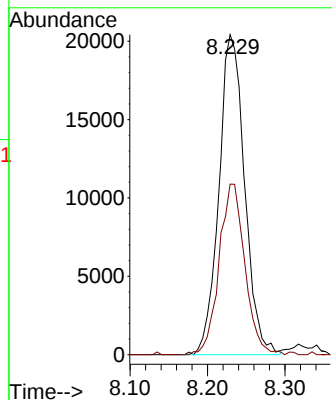
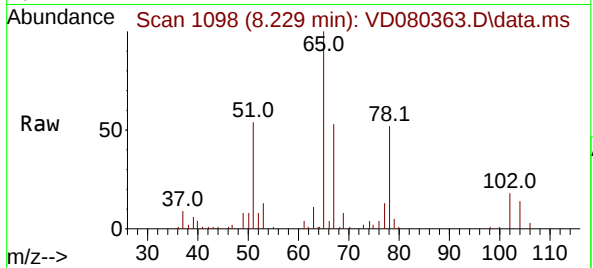




#33
 1,2-Dichloroethane-d4
 Concen: 89.003 ug/l
 RT: 8.229 min Scan# 1098
 Delta R.T. 0.001 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

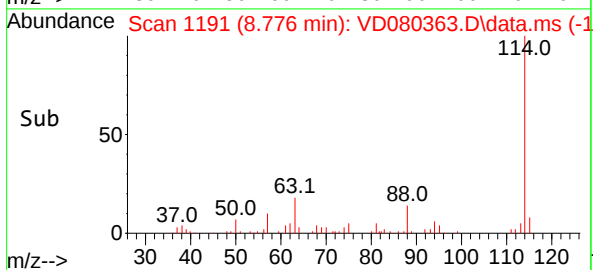
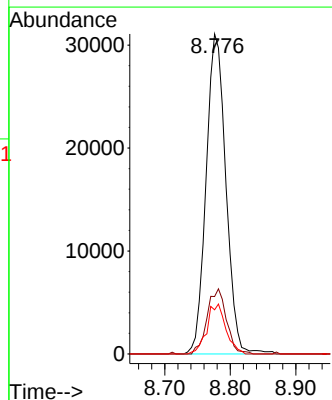
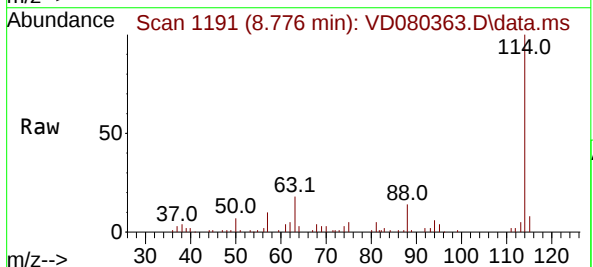
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD01

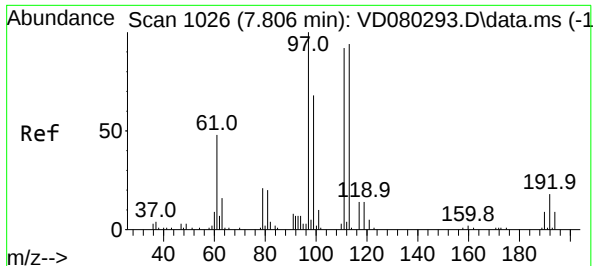
Tgt Ion: 65 Resp: 47157
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.776 min Scan# 1191
 Delta R.T. 0.001 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

Tgt Ion: 114 Resp: 65195
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.8
 88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 104.833 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

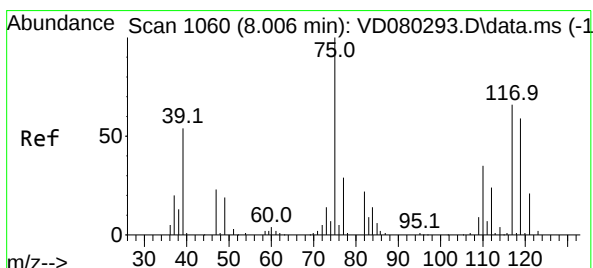
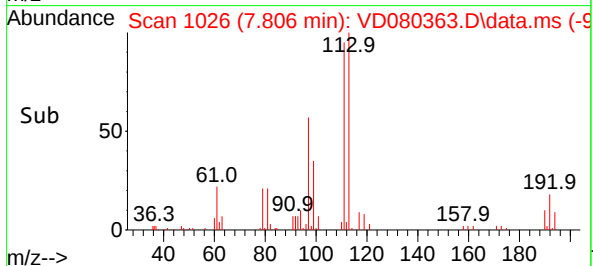
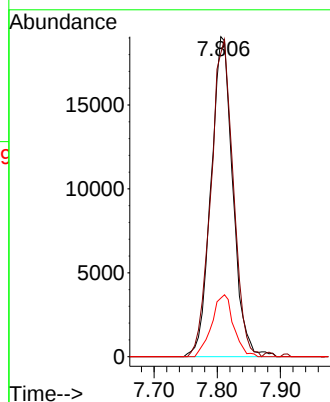
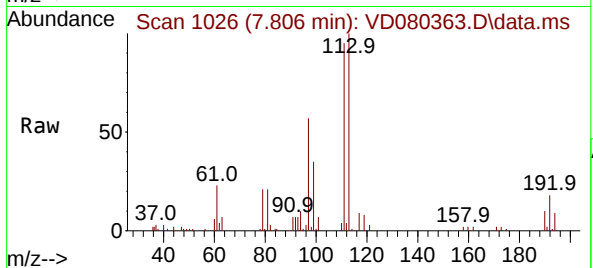
Tgt Ion:113 Resp: 45808

Ion Ratio Lower Upper

113 100

111 101.3 82.5 123.7

192 19.4 16.6 25.0



#36

1,1-Dichloropropene

Concen: 39.808 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

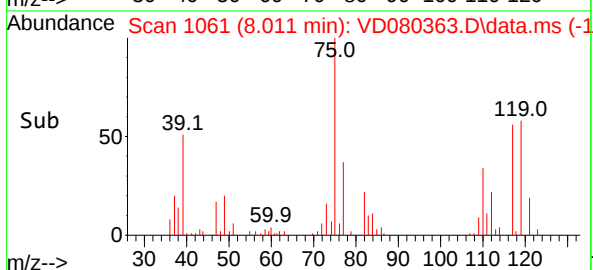
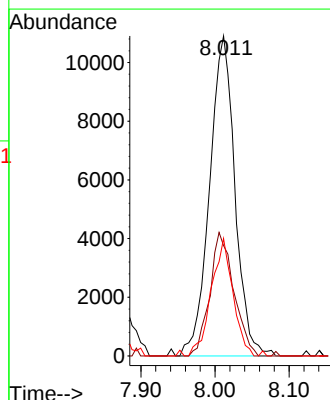
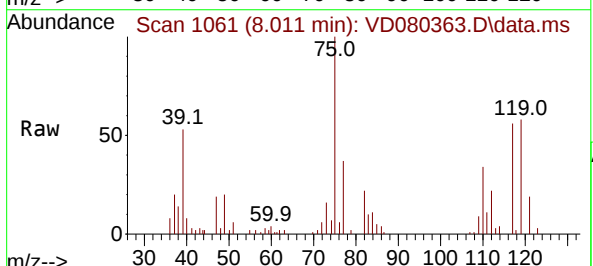
Tgt Ion: 75 Resp: 25997

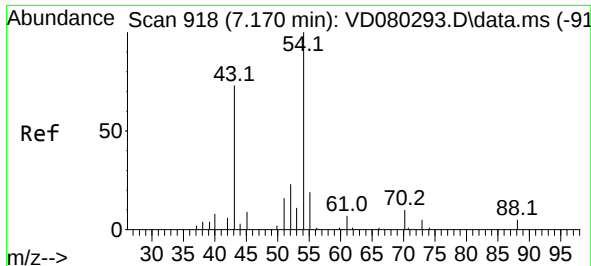
Ion Ratio Lower Upper

75 100

110 36.5 18.4 55.0

77 31.3 25.6 38.4

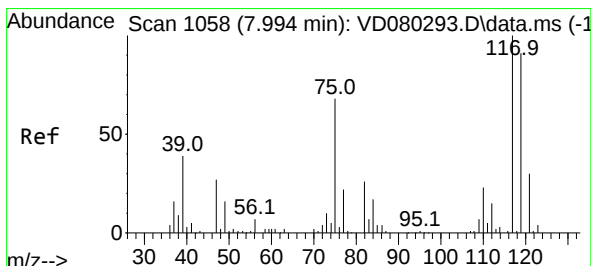
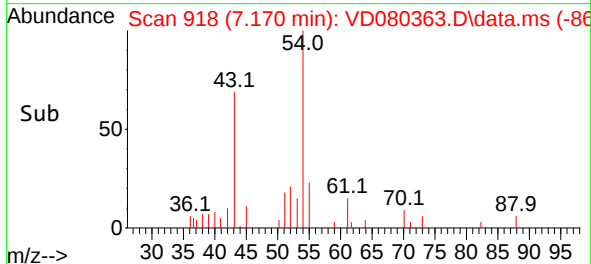
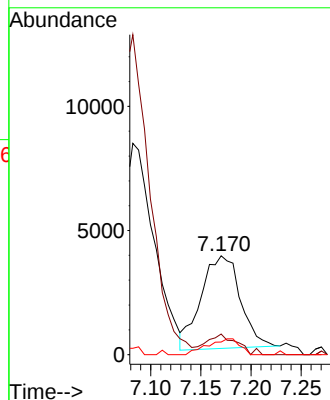
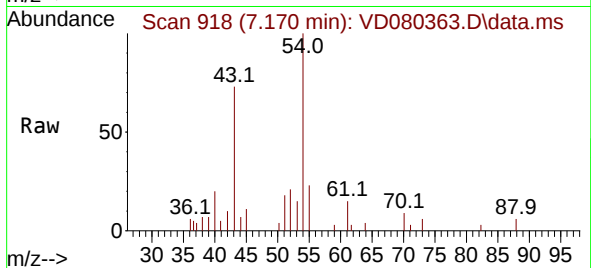




#37
Ethyl Acetate
Concen: 29.778 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

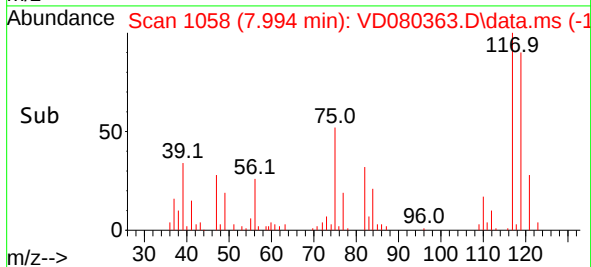
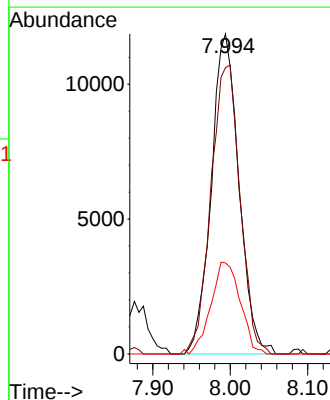
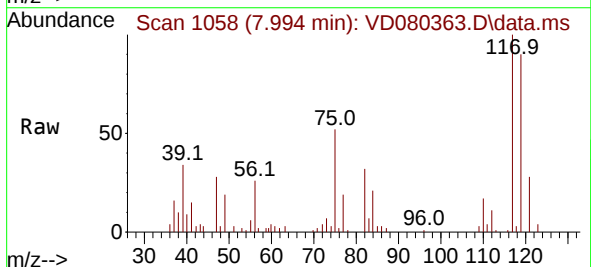
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

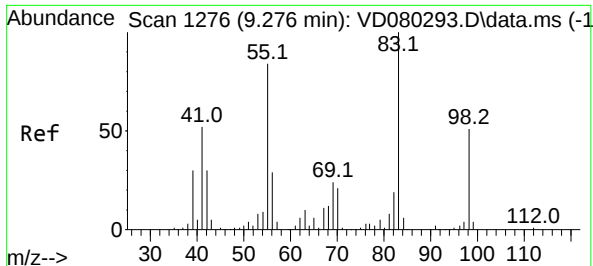
Tgt Ion: 43 Resp: 10169
Ion Ratio Lower Upper
43 100
61 16.7 11.0 16.4#
70 14.0 9.4 14.2



#38
Carbon Tetrachloride
Concen: 43.146 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 117 Resp: 29385
Ion Ratio Lower Upper
117 100
119 89.5 73.4 110.0
121 28.5 24.5 36.7





#39

Methylcyclohexane

Concen: 36.852 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

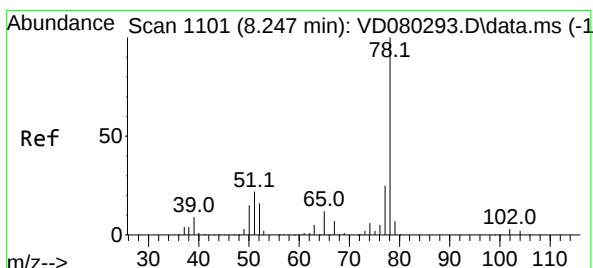
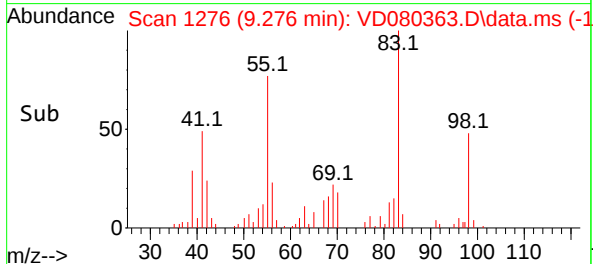
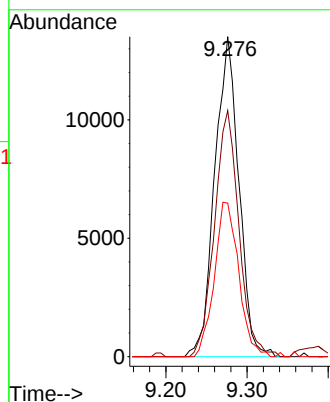
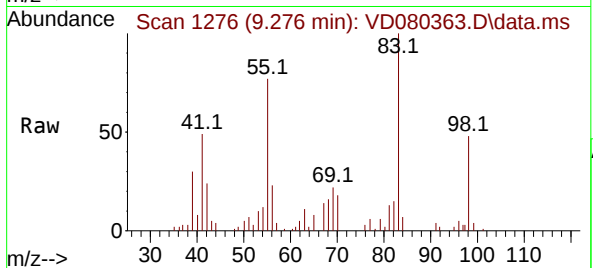
Tgt Ion: 83 Resp: 27926

Ion Ratio Lower Upper

83 100

55 76.9 62.0 93.0

98 48.0 38.7 58.1



#40

Benzene

Concen: 39.831 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080363.D

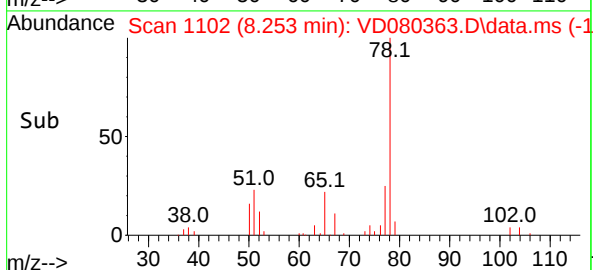
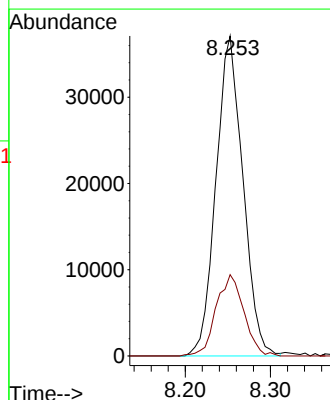
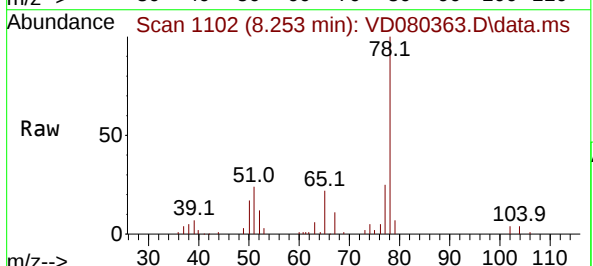
Acq: 16 May 2025 11:29

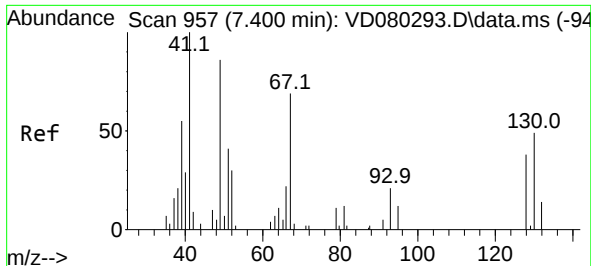
Tgt Ion: 78 Resp: 81503

Ion Ratio Lower Upper

78 100

77 25.4 20.2 30.4



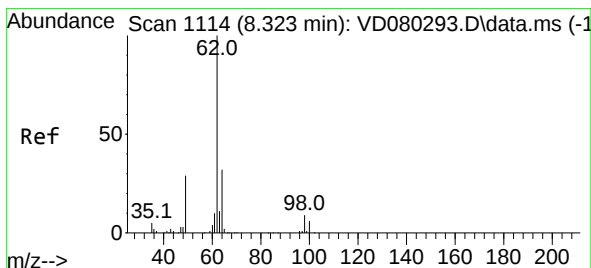
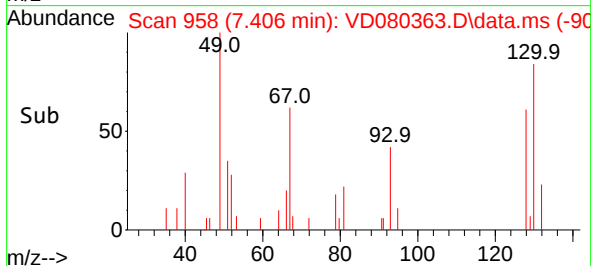
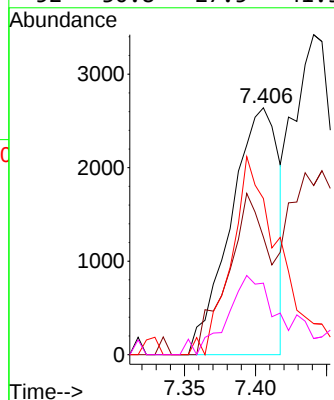
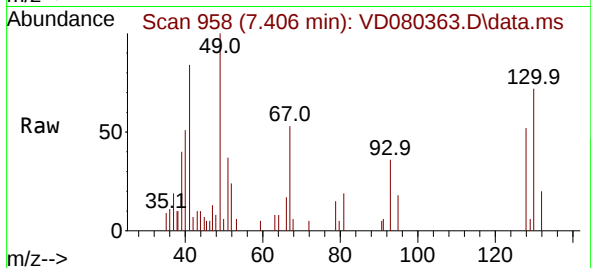


#41
Methacrylonitrile
Concen: 32.919 ug/l
RT: 7.406 min Scan# 911
Delta R.T. 0.007 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

Tgt Ion: 41 Resp: 6221

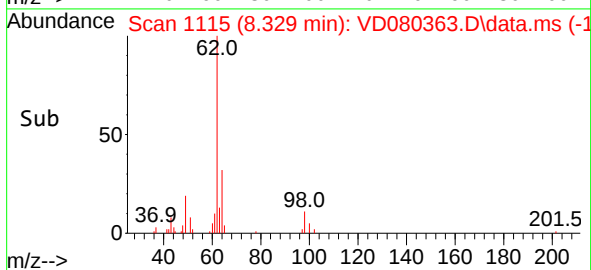
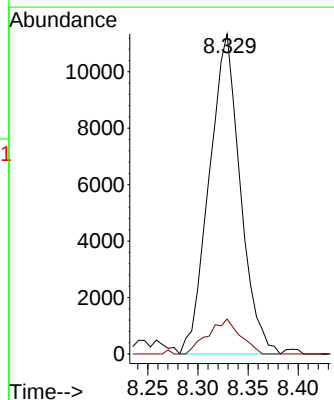
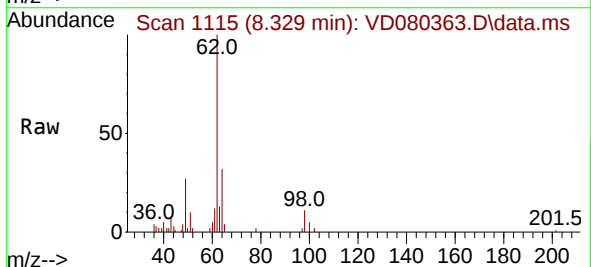
Ion	Ratio	Lower	Upper
41	100		
39	52.1	47.8	71.8
67	81.6	64.9	97.3
52	30.8	27.5	41.3

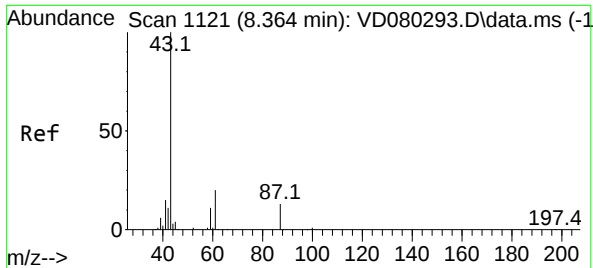


#42
1,2-Dichloroethane
Concen: 41.221 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 62 Resp: 24441

Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	19.8

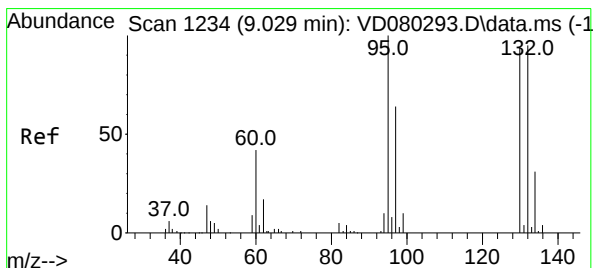
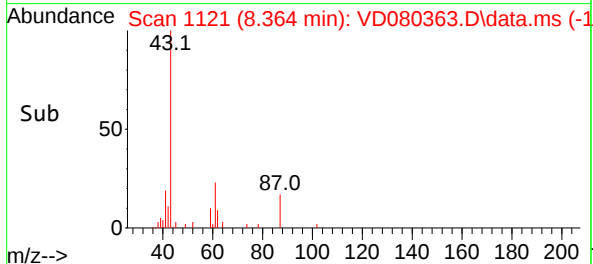
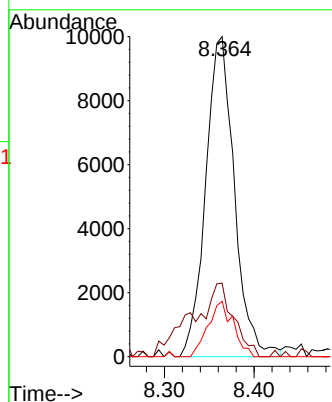
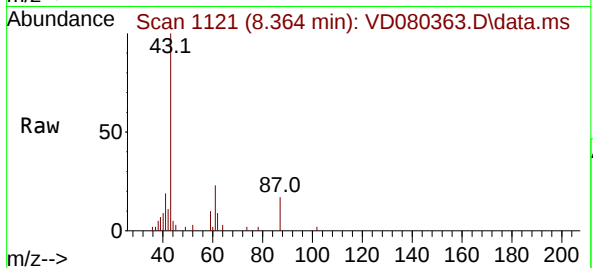




#43
Isopropyl Acetate
Concen: 35.914 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

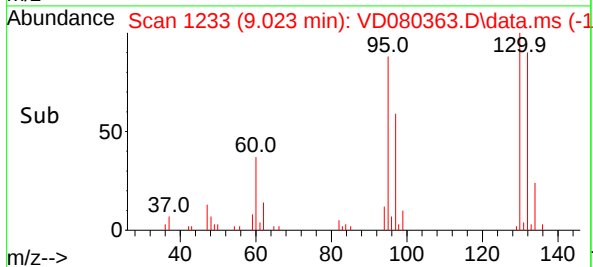
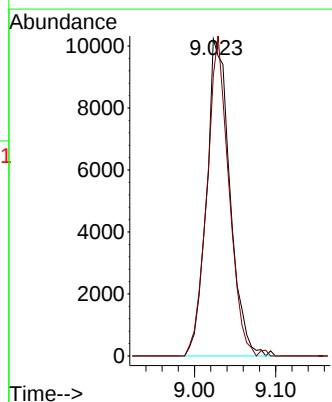
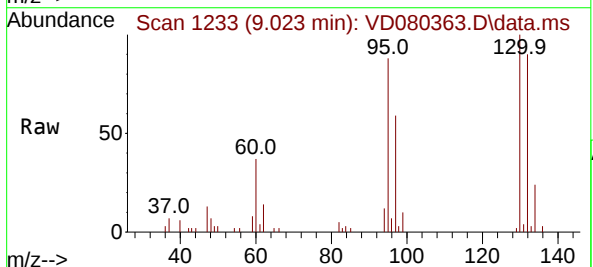
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

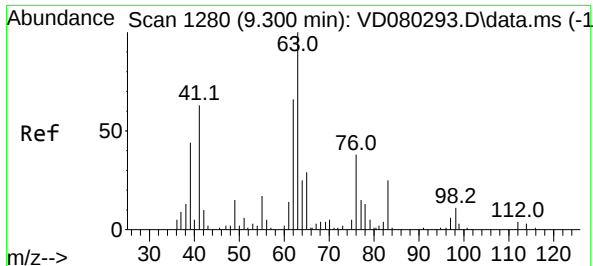
Tgt Ion: 43 Resp: 22239
Ion Ratio Lower Upper
43 100
61 18.0 26.2 39.2#
87 15.2 11.8 17.8



#44
Trichloroethene
Concen: 43.077 ug/l
RT: 9.023 min Scan# 1233
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion:130 Resp: 20461
Ion Ratio Lower Upper
130 100
95 88.4 0.0 194.6





#45

1,2-Dichloropropane

Concen: 40.041 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

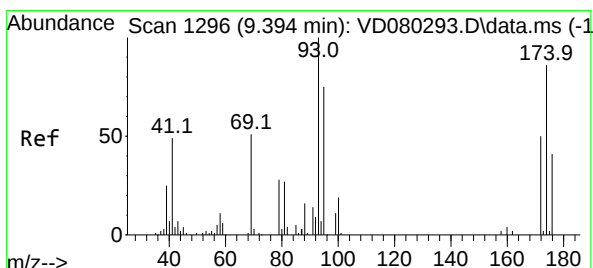
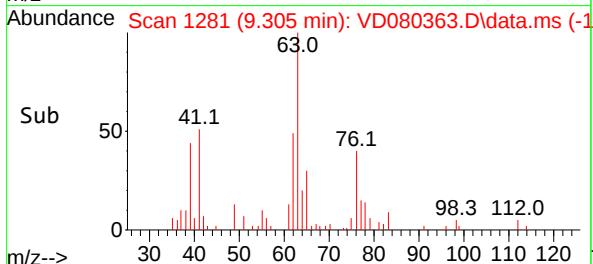
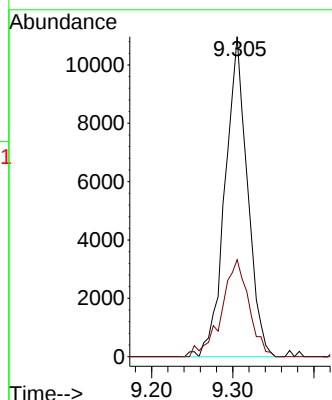
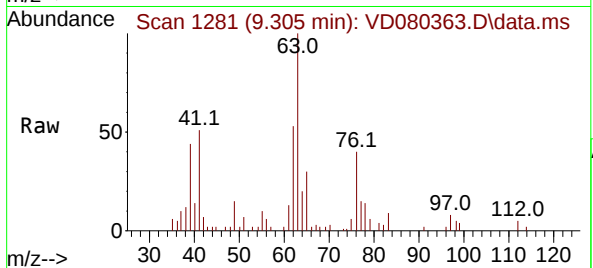
VD0516SBS01

Tgt Ion: 63 Resp: 21013

Ion Ratio Lower Upper

63 100

65 30.3 26.2 39.4



#46

Dibromomethane

Concen: 42.800 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

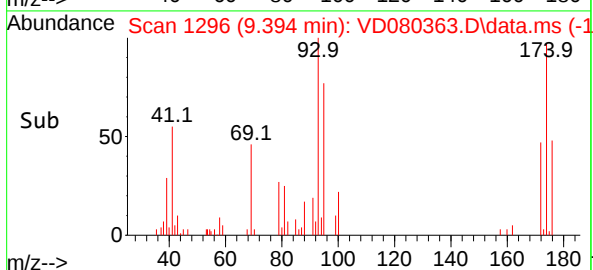
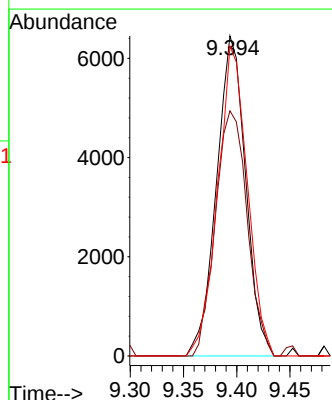
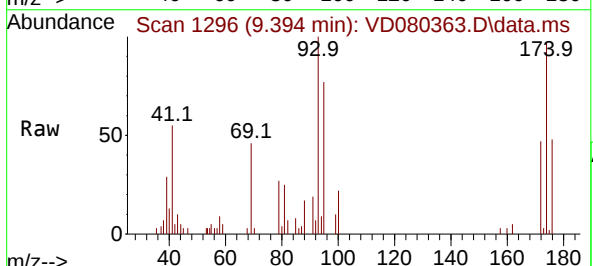
Tgt Ion: 93 Resp: 12229

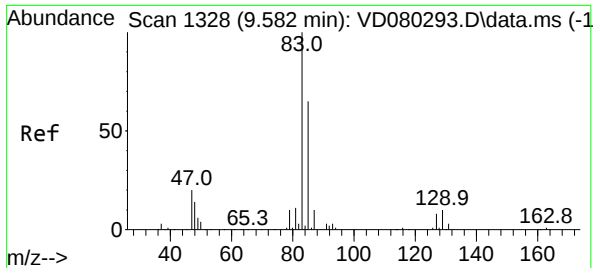
Ion Ratio Lower Upper

93 100

95 84.0 67.9 101.9

174 98.8 80.5 120.7





#47

Bromodichloromethane

Concen: 42.259 ug/l

RT: 9.588 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

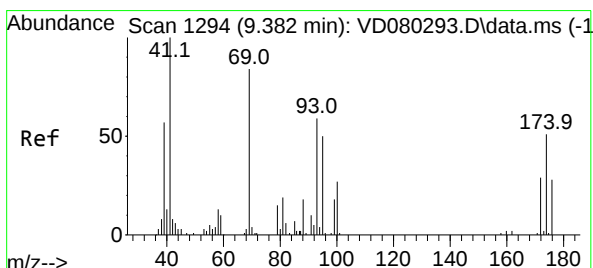
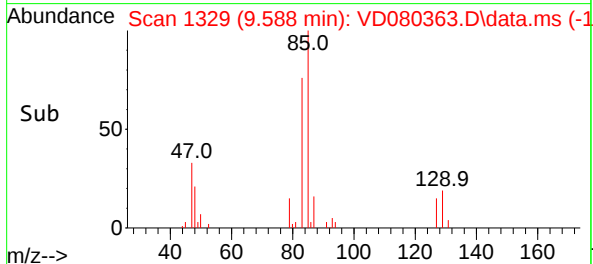
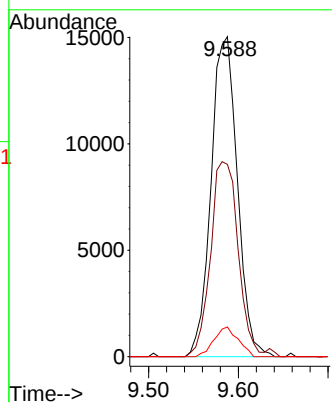
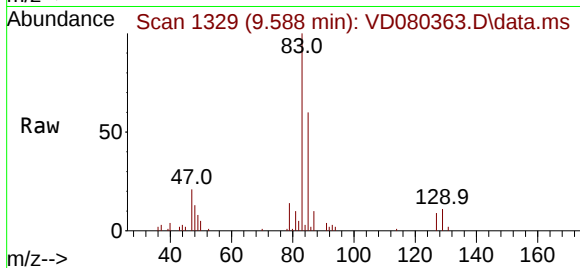
Tgt Ion: 83 Resp: 30647

Ion Ratio Lower Upper

83 100

85 60.1 50.6 75.8

127 9.3 6.1 9.1#



#48

Methyl methacrylate

Concen: 30.847 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

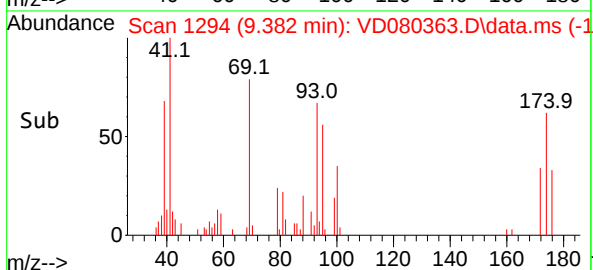
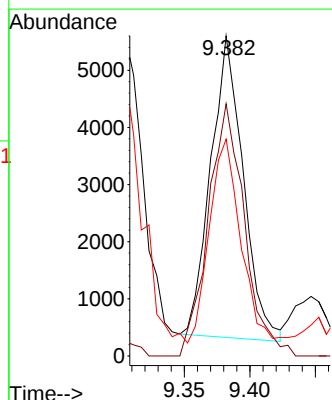
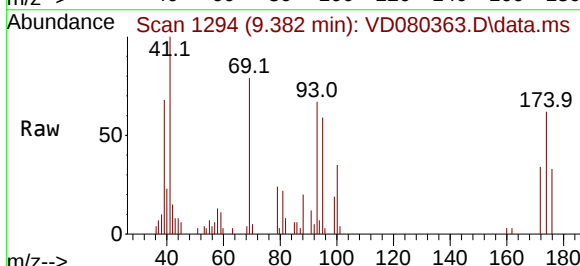
Tgt Ion: 41 Resp: 9076

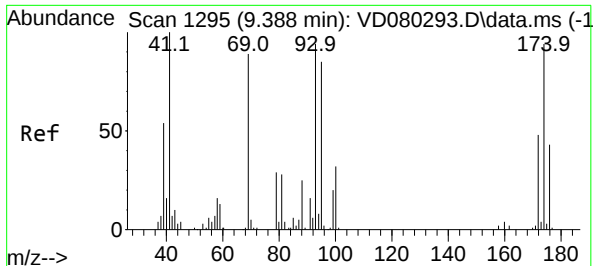
Ion Ratio Lower Upper

41 100

69 93.3 74.0 111.0

39 76.7 41.9 62.9#





#49

1,4-Dioxane

Concen: 732.412 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. -0.005 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

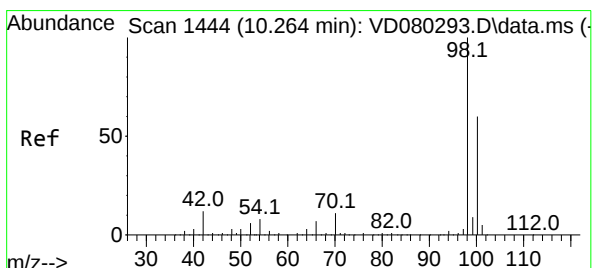
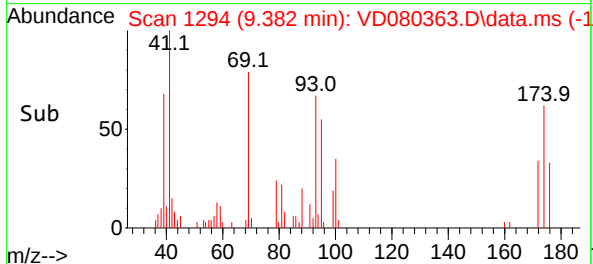
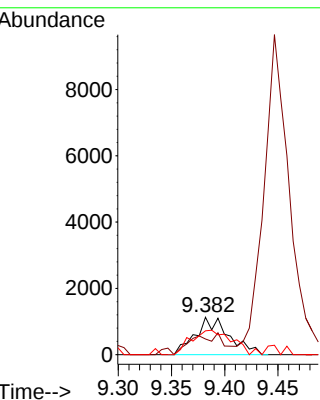
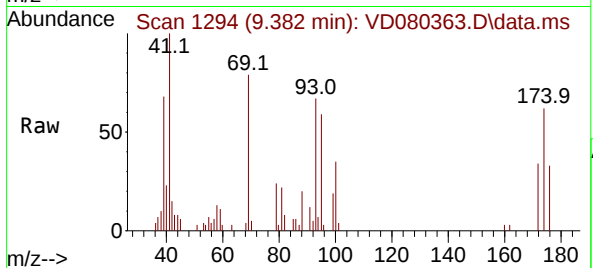
Tgt Ion: 88 Resp: 2488

Ion Ratio Lower Upper

88 100

43 55.0 29.1 43.7#

58 77.5 59.9 89.9



#50

Toluene-d8

Concen: 99.312 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080363.D

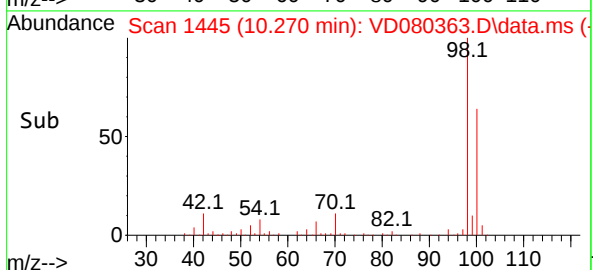
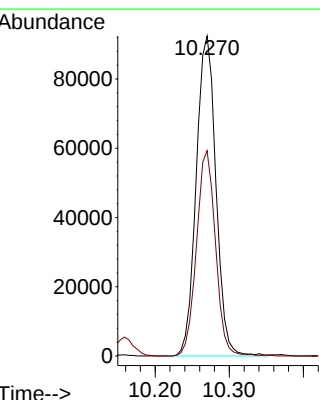
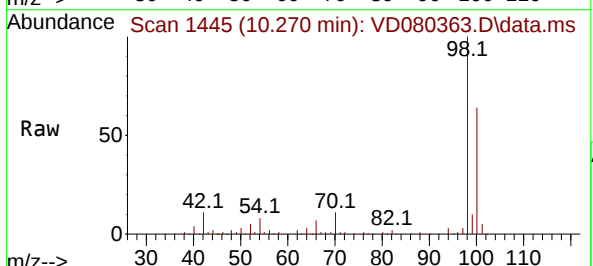
Acq: 16 May 2025 11:29

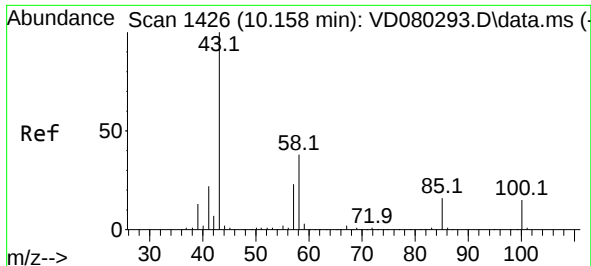
Tgt Ion: 98 Resp: 170983

Ion Ratio Lower Upper

98 100

100 61.9 50.2 75.4

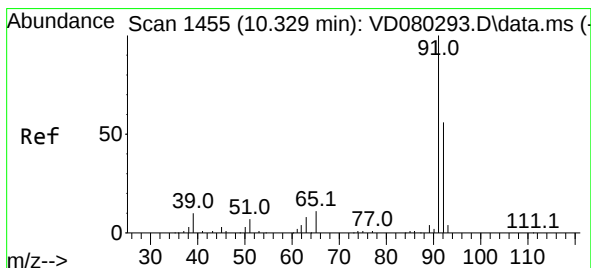
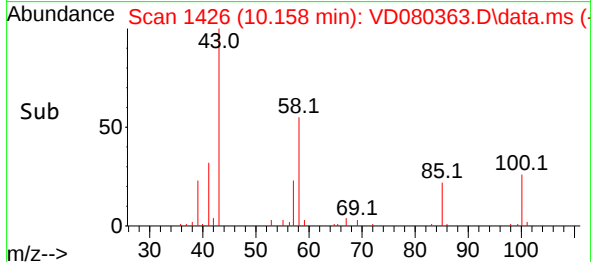
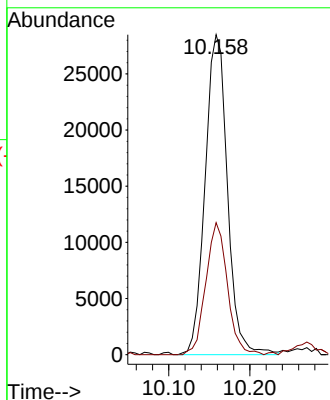
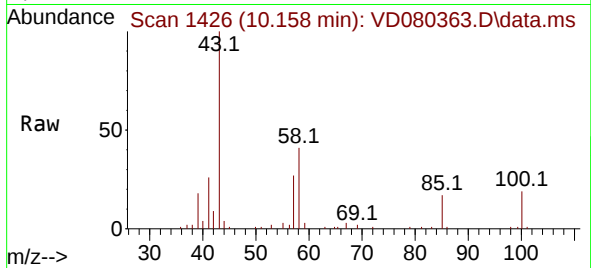




#51
4-Methyl-2-Pentanone
Concen: 170.347 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

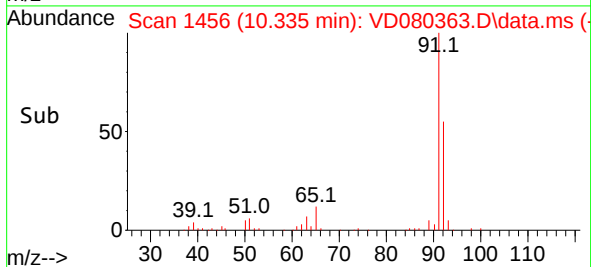
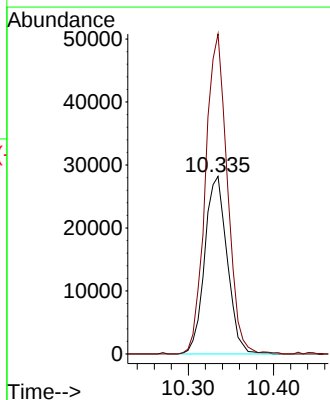
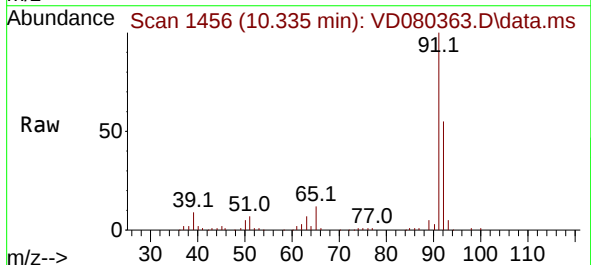
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

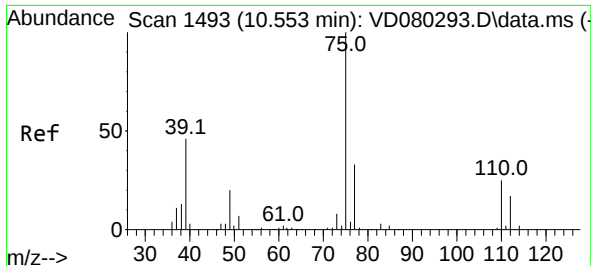
Tgt Ion: 43 Resp: 54351
Ion Ratio Lower Upper
43 100
58 39.9 32.8 49.2



#52
Toluene
Concen: 41.951 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 92 Resp: 51715
Ion Ratio Lower Upper
92 100
91 175.7 139.3 208.9

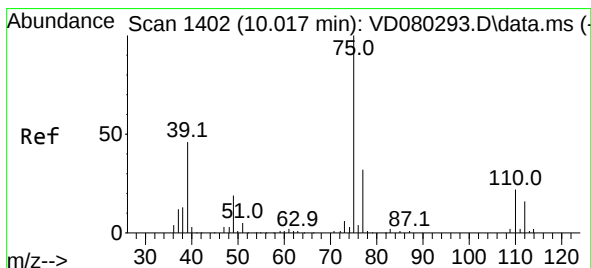
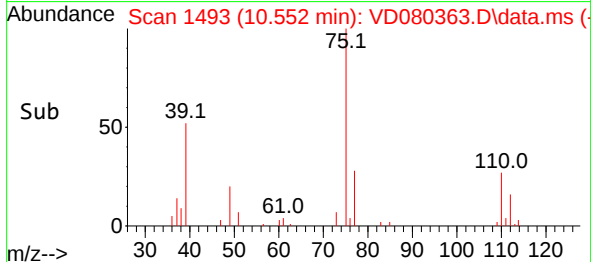
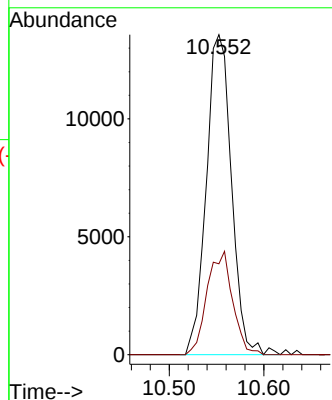
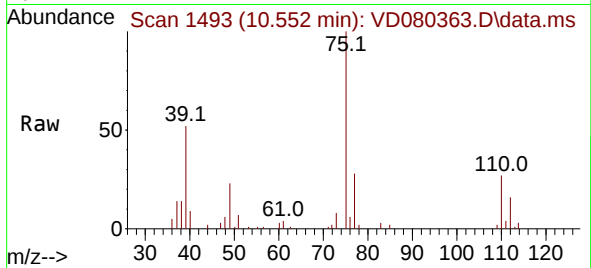




#53
t-1,3-Dichloropropene
Concen: 37.894 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

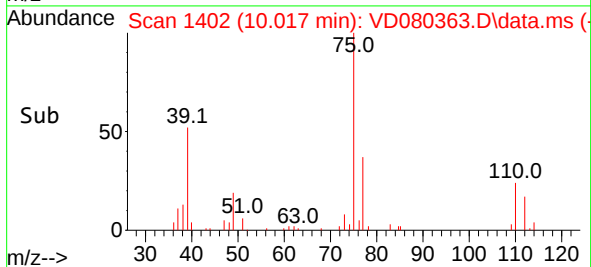
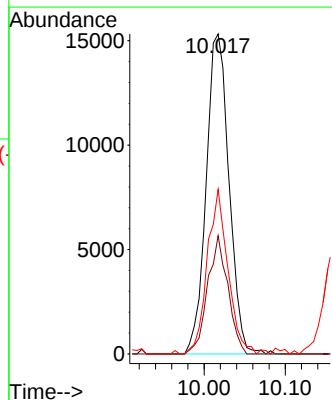
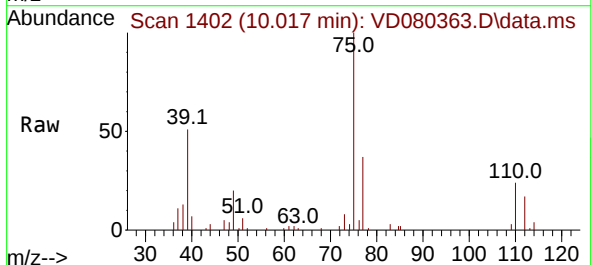
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

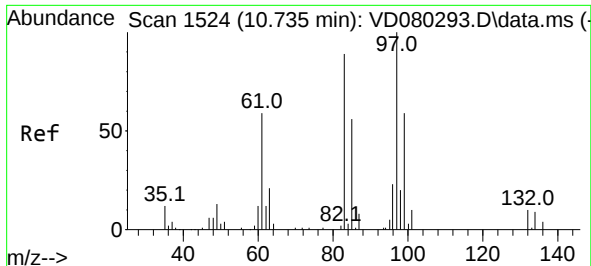
Tgt Ion: 75 Resp: 25053
Ion Ratio Lower Upper
75 100
77 28.4 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 39.090 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 75 Resp: 29948
Ion Ratio Lower Upper
75 100
77 36.9 25.0 37.4
39 51.5 33.2 49.8#

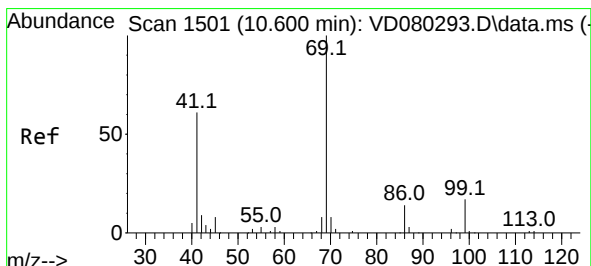
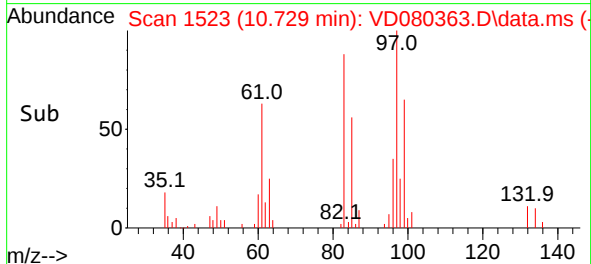
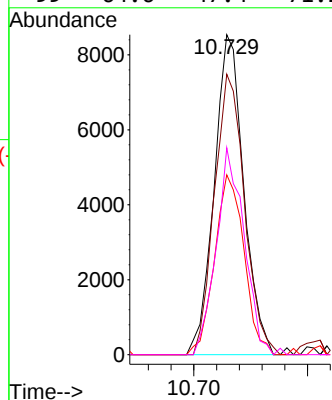
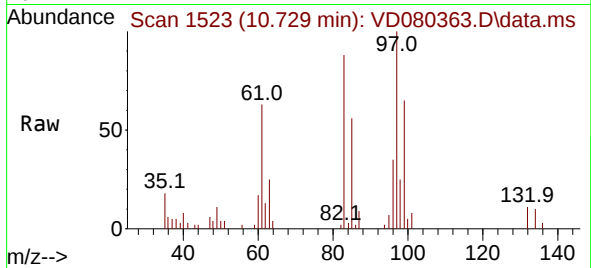




#55
1,1,2-Trichloroethane
Concen: 40.686 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

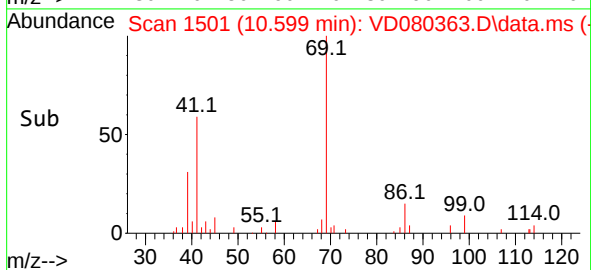
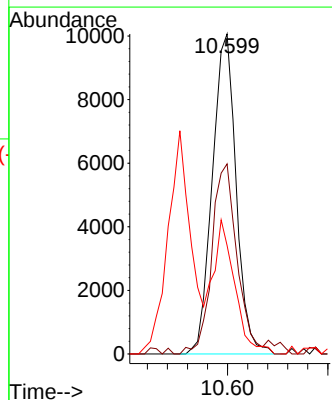
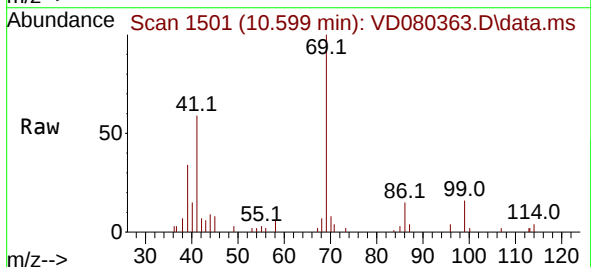
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

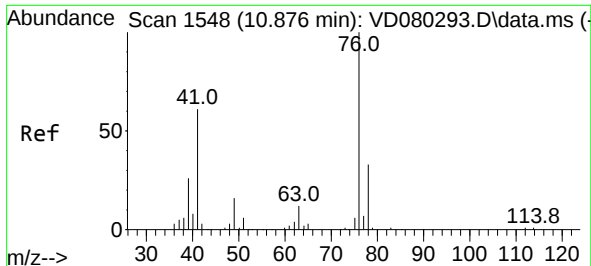
Tgt Ion: 97	Resp: 15377
Ion Ratio	Lower Upper
97 100	
83 87.6	69.2 103.8
85 56.2	43.0 64.6
99 64.6	47.4 71.2



#56
Ethyl methacrylate
Concen: 36.273 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 69	Resp: 16612
Ion Ratio	Lower Upper
69 100	
41 62.7	50.4 75.6
39 38.6	26.0 39.0





#57

1,3-Dichloropropane

Concen: 37.465 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.005 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

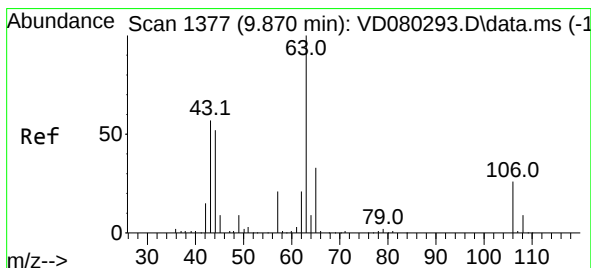
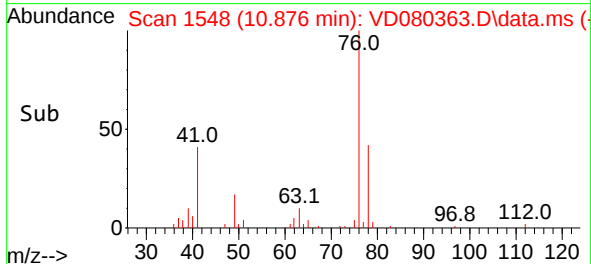
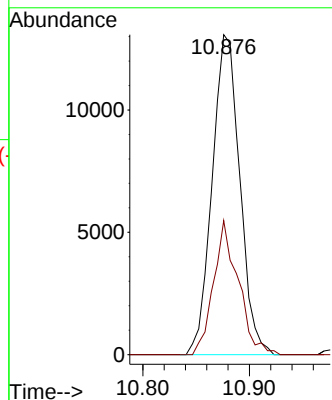
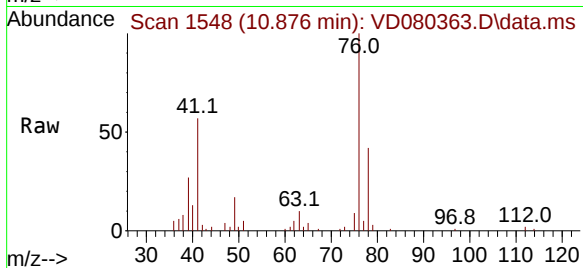
VD0516SBS01

Tgt Ion: 76 Resp: 23533

Ion Ratio Lower Upper

76 100

78 37.6 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 186.910 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080363.D

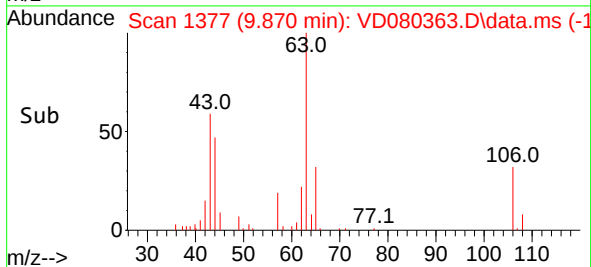
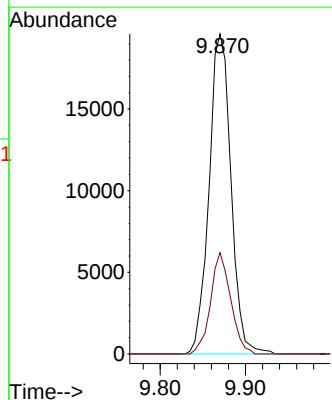
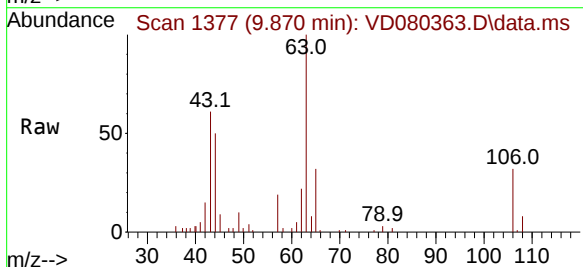
Acq: 16 May 2025 11:29

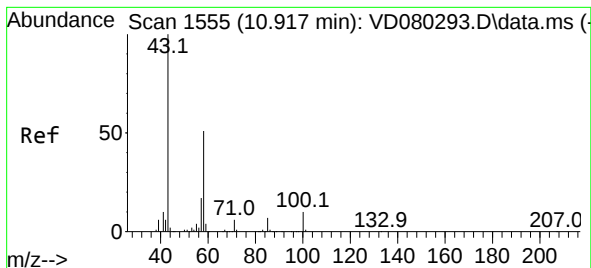
Tgt Ion: 63 Resp: 35031

Ion Ratio Lower Upper

63 100

106 29.1 21.8 32.6

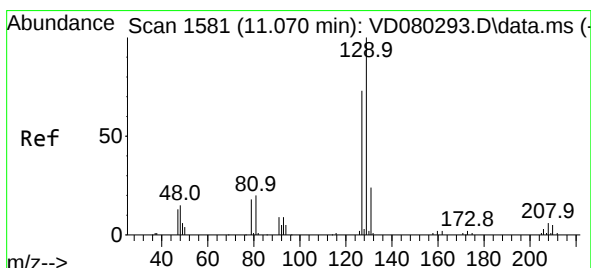
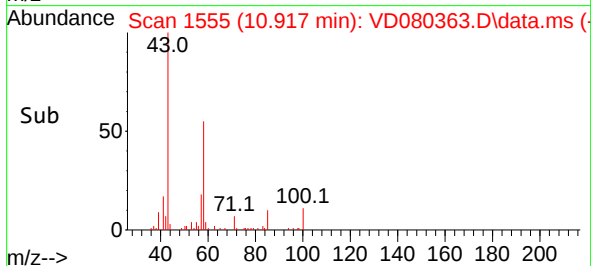
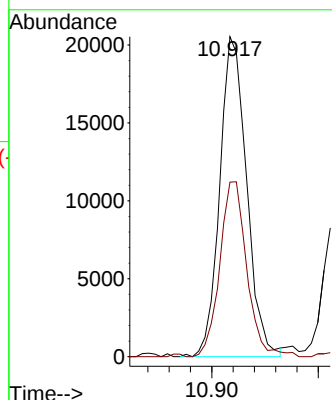
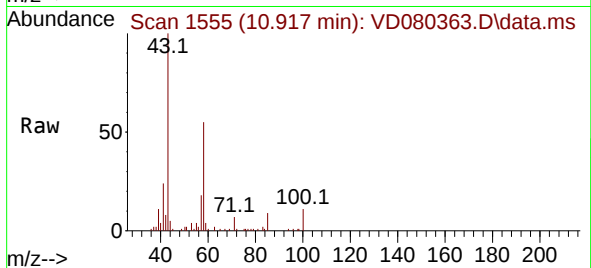




#59
2-Hexanone
Concen: 163.749 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

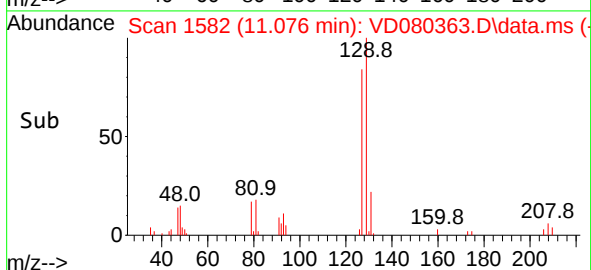
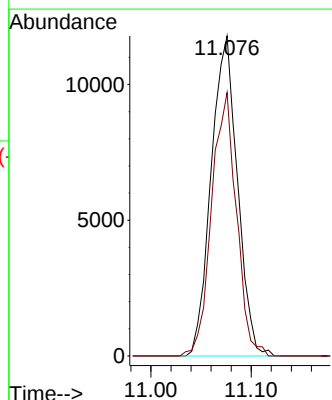
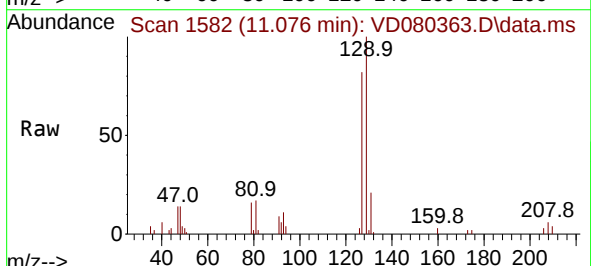
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

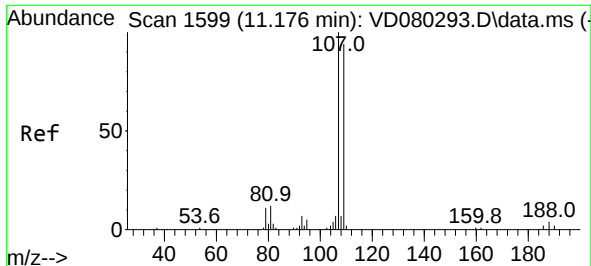
Tgt Ion: 43 Resp: 35940
Ion Ratio Lower Upper
43 100
58 55.0 27.8 83.4



#60
Dibromochloromethane
Concen: 45.404 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 129 Resp: 21505
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2

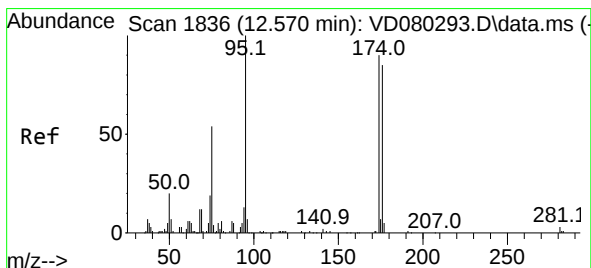
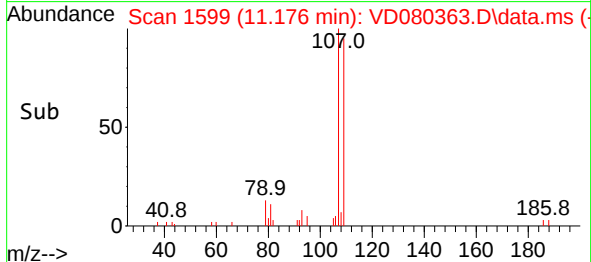
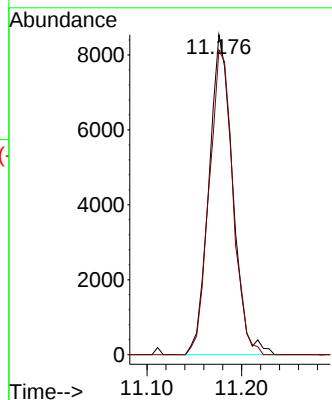
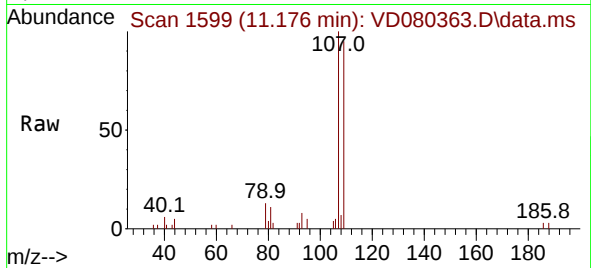




#61
1,2-Dibromoethane
Concen: 42.219 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

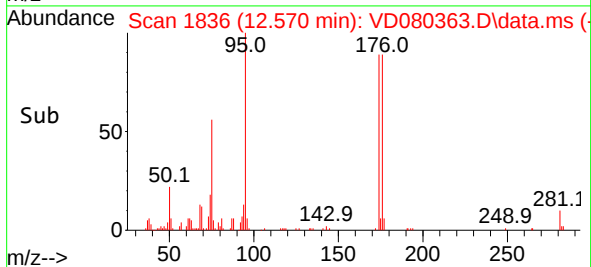
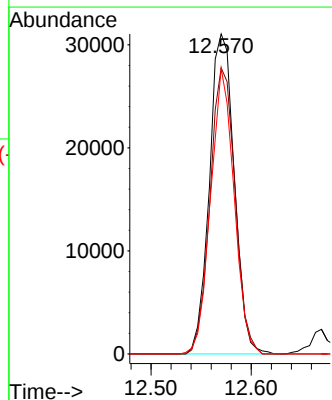
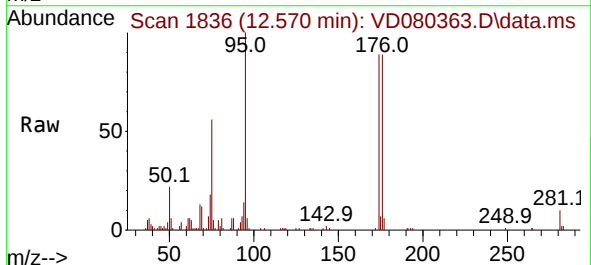
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

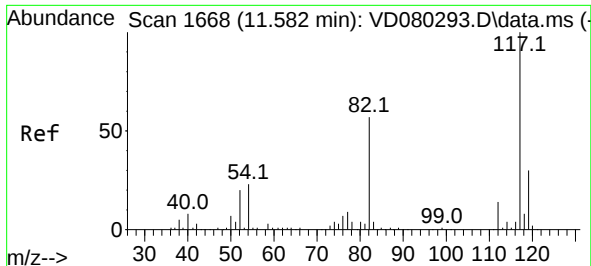
Tgt Ion:107 Resp: 14796
Ion Ratio Lower Upper
107 100
109 95.6 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 96.782 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 95 Resp: 53482
Ion Ratio Lower Upper
95 100
174 90.1 0.0 173.4
176 84.1 0.0 166.6

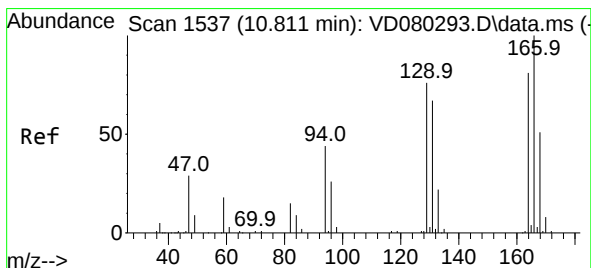
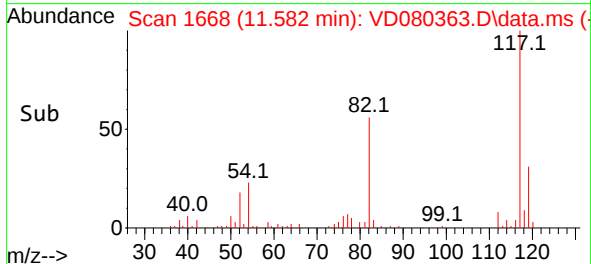
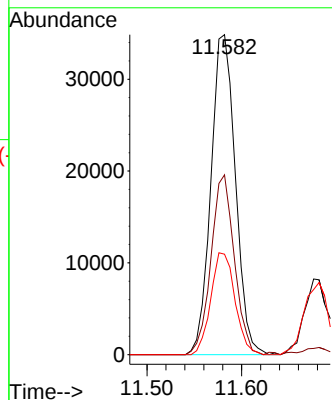
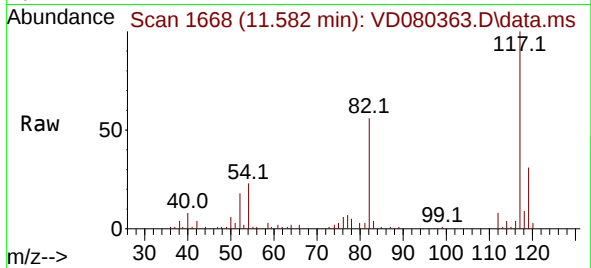




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

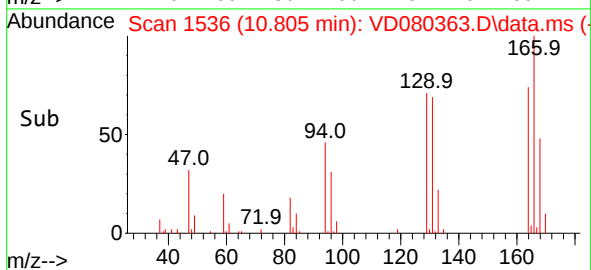
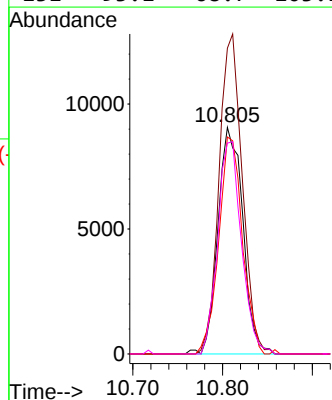
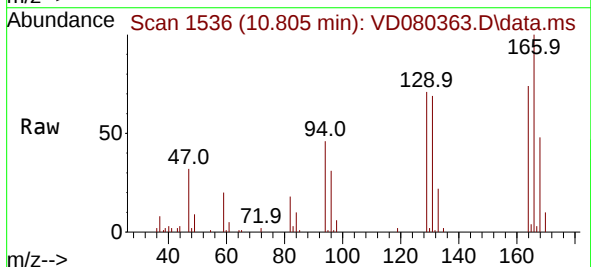
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

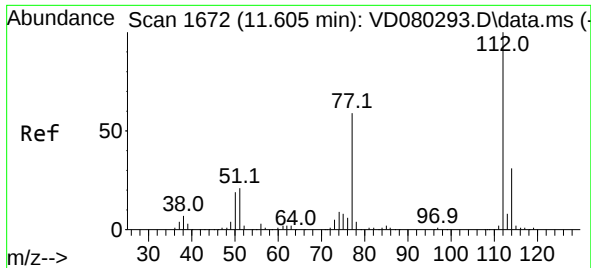
Tgt Ion:117 Resp: 62693
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.6
119 31.4 26.2 39.2



#64
Tetrachloroethene
Concen: 40.992 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion:164 Resp: 17403
Ion Ratio Lower Upper
164 100
166 134.9 97.5 146.3
129 95.7 70.6 106.0
131 93.1 68.7 103.1

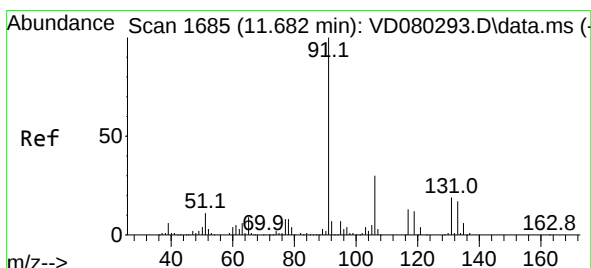
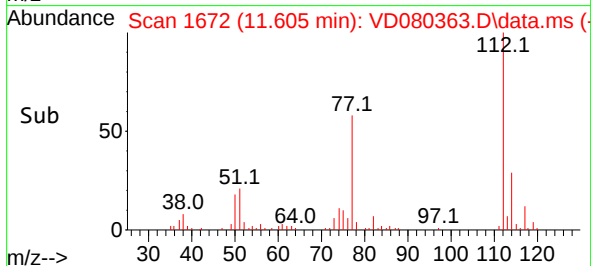
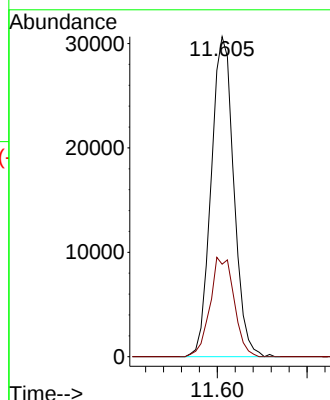
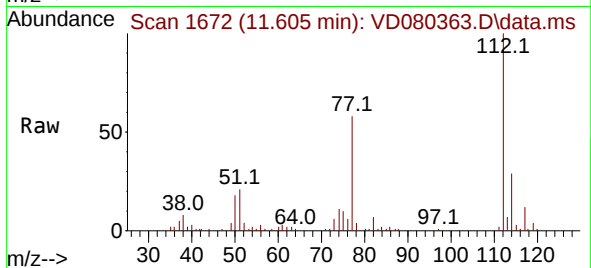




#65
Chlorobenzene
Concen: 37.870 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

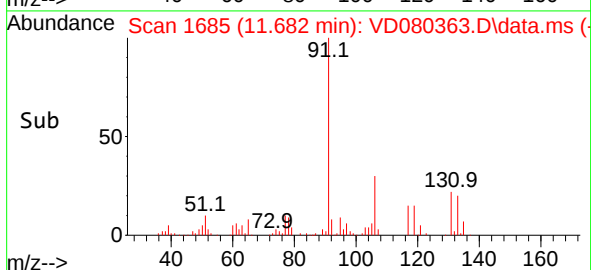
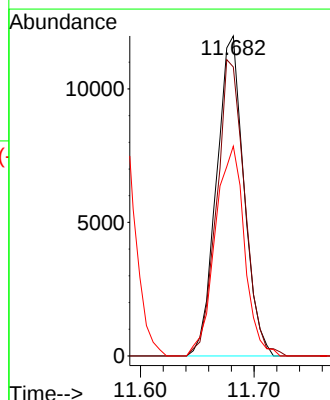
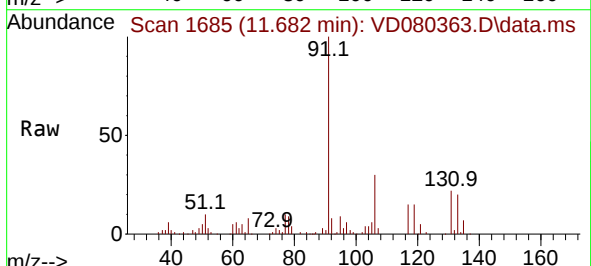
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

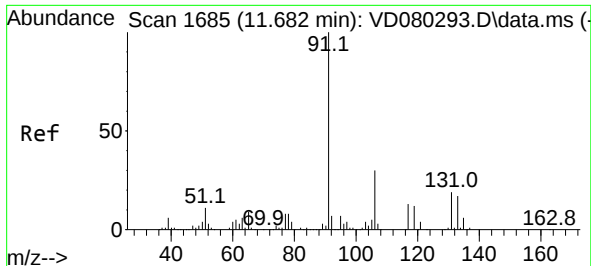
Tgt Ion:112 Resp: 53608
Ion Ratio Lower Upper
112 100
114 28.9 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 41.413 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion:131 Resp: 20141
Ion Ratio Lower Upper
131 100
133 93.7 48.8 146.4
119 70.0 34.8 104.3





#67

Ethyl Benzene

Concen: 37.140 ug/l

RT: 11.682 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

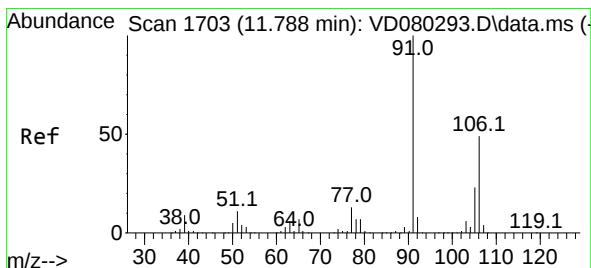
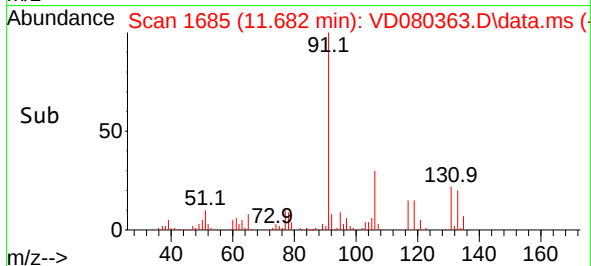
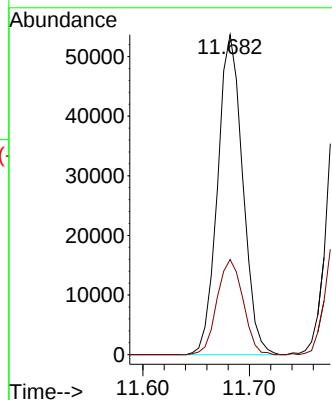
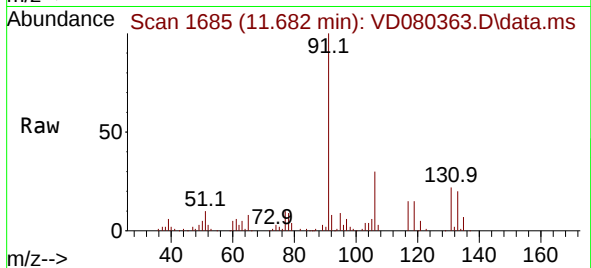
VD0516SBSD01

Tgt Ion: 91 Resp: 87859

Ion Ratio Lower Upper

91 100

106 29.7 23.6 35.4



#68

m/p-Xylenes

Concen: 79.657 ug/l

RT: 11.788 min Scan# 1703

Delta R.T. -0.005 min

Lab File: VD080363.D

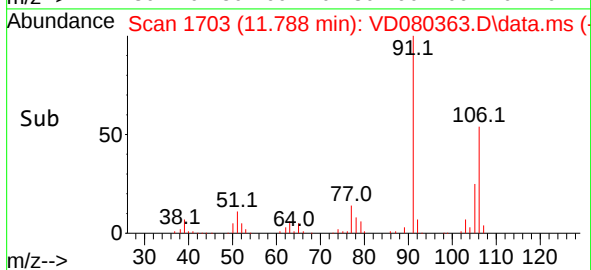
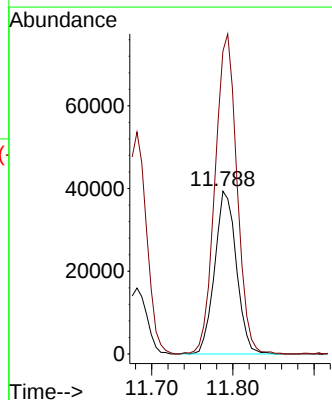
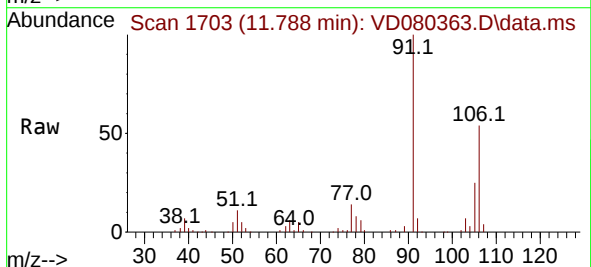
Acq: 16 May 2025 11:29

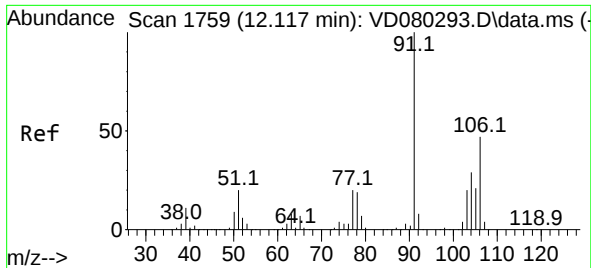
Tgt Ion: 106 Resp: 73167

Ion Ratio Lower Upper

106 100

91 198.6 162.6 244.0

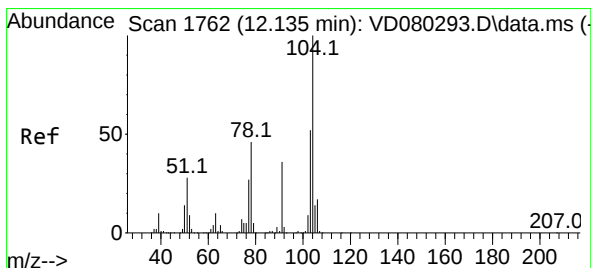
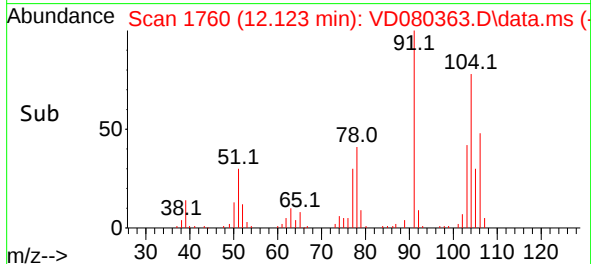
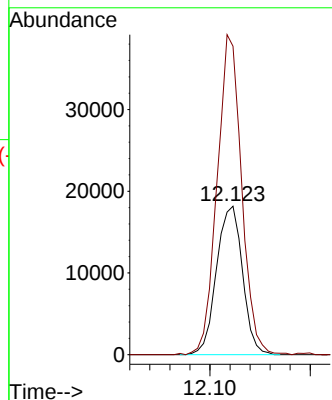
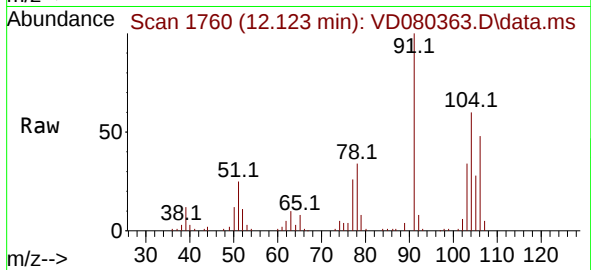




#69
o-Xylene
Concen: 38.935 ug/l
RT: 12.123 min Scan# 1760
Delta R.T. 0.007 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

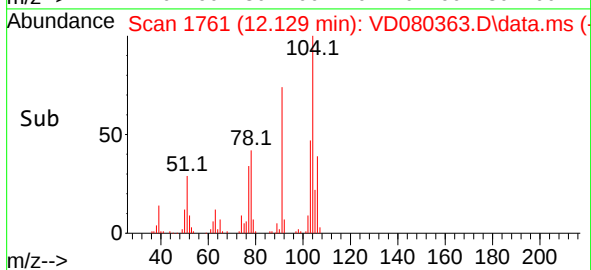
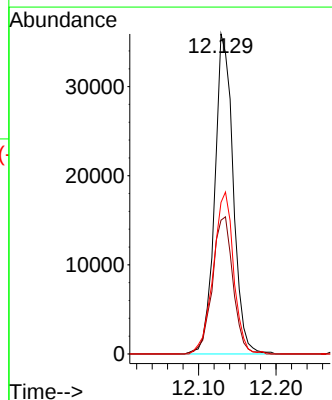
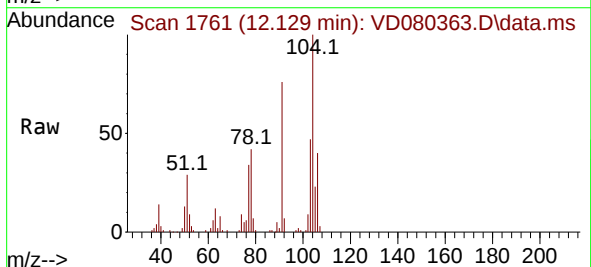
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

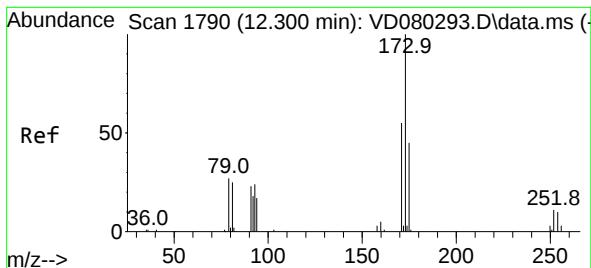
Tgt Ion:106 Resp: 32680
Ion Ratio Lower Upper
106 100
91 203.2 110.5 331.5



#70
Styrene
Concen: 39.357 ug/l
RT: 12.129 min Scan# 1761
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion:104 Resp: 59317
Ion Ratio Lower Upper
104 100
78 48.2 39.8 59.8
103 55.7 45.2 67.8





#71

Bromoform

Concen: 41.277 ug/l

RT: 12.299 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

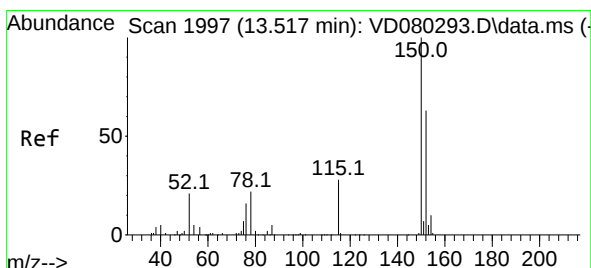
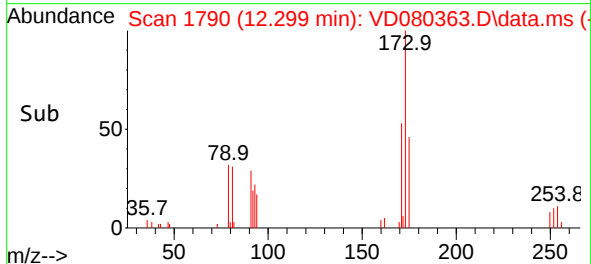
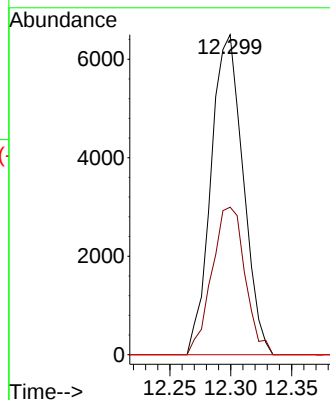
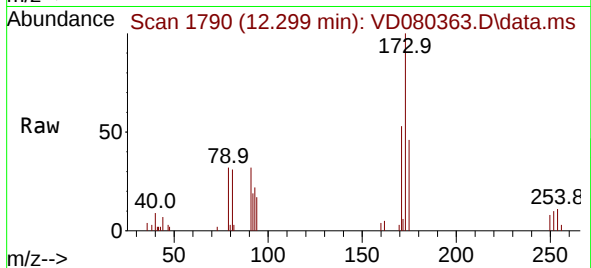
Tgt Ion:173 Resp: 11927

Ion Ratio Lower Upper

173 100

175 47.7 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: VD080363.D

Acq: 16 May 2025 11:29

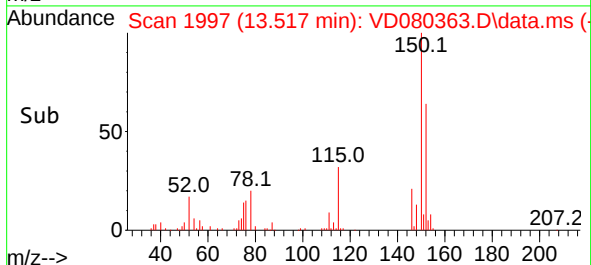
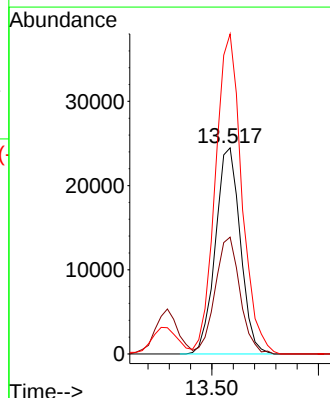
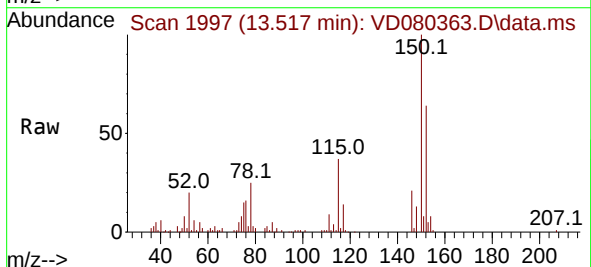
Tgt Ion:152 Resp: 39674

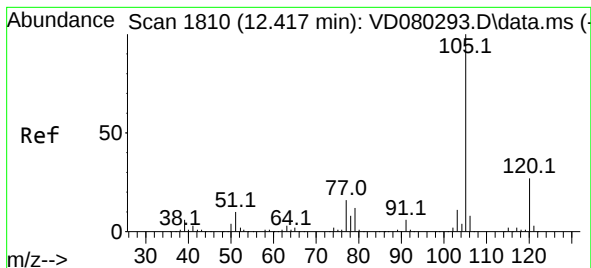
Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.8

150 164.8 0.0 354.8





#73

Isopropylbenzene

Concen: 31.207 ug/l

RT: 12.417 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

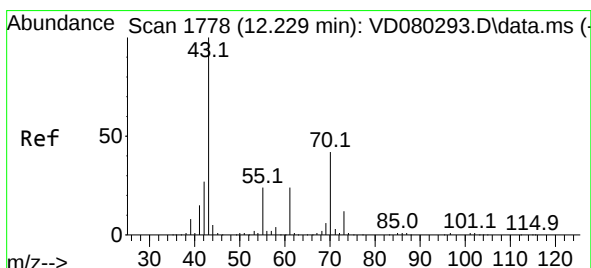
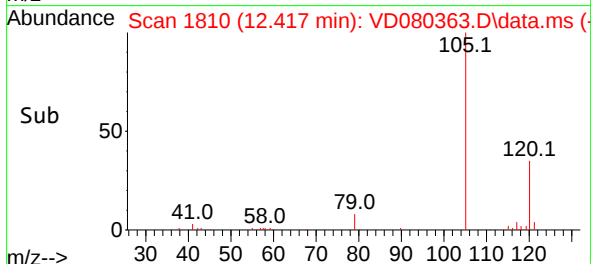
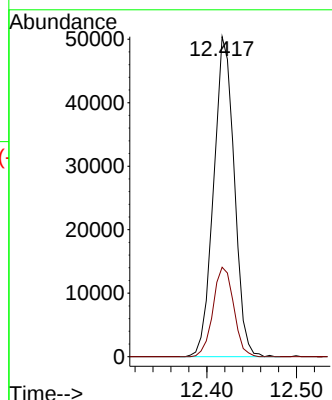
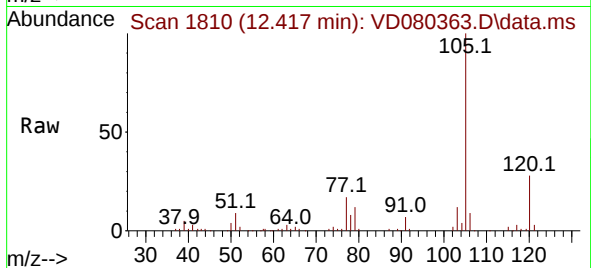
VD0516SBS01

Tgt Ion:105 Resp: 80315

Ion Ratio Lower Upper

105 100

120 28.0 13.3 39.9



#74

N-ethyl acetate

Concen: 28.200 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. -0.005 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Tgt Ion: 43 Resp: 20830

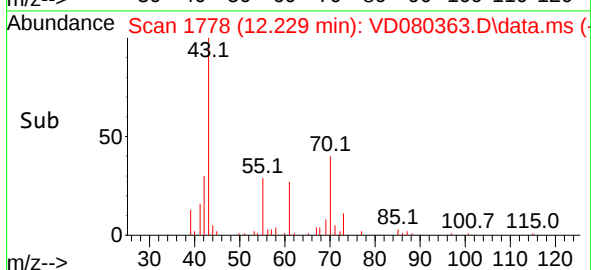
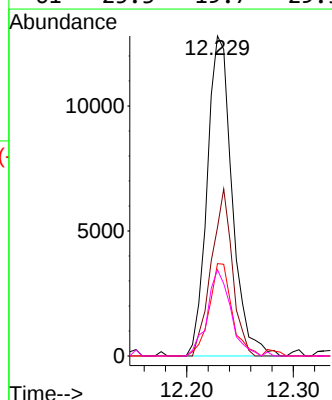
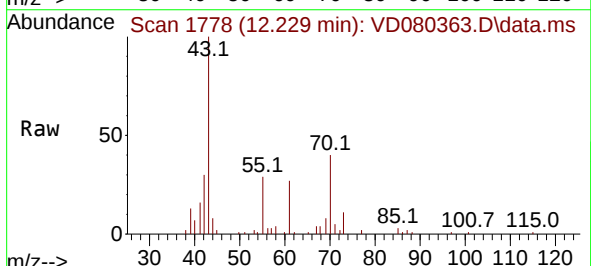
Ion Ratio Lower Upper

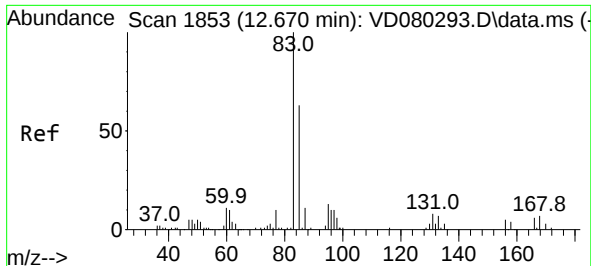
43 100

70 44.0 36.3 54.5

55 26.2 20.3 30.5

61 25.3 19.7 29.5

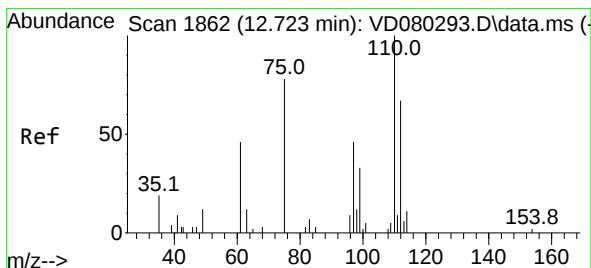
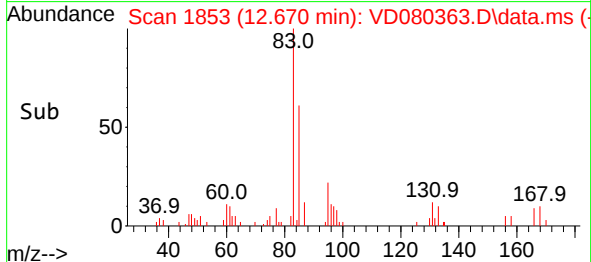
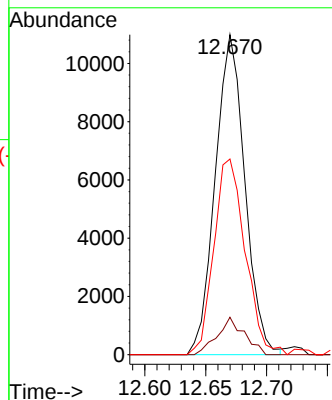
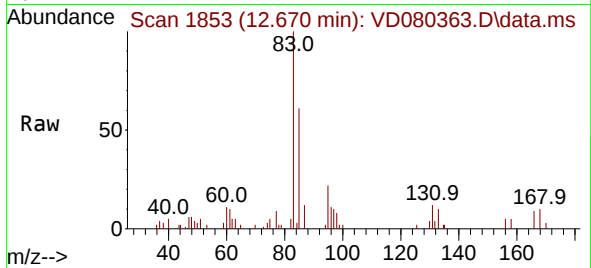




#75
 1,1,2,2-Tetrachloroethane
 Concen: 32.878 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

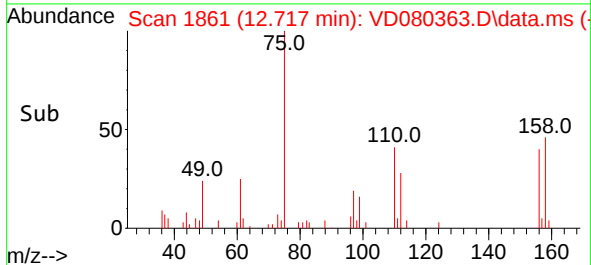
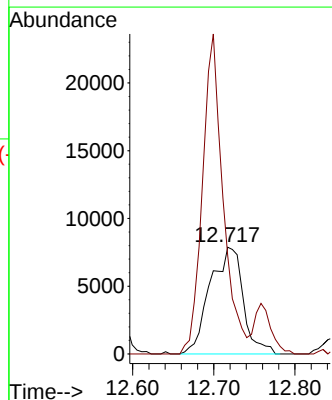
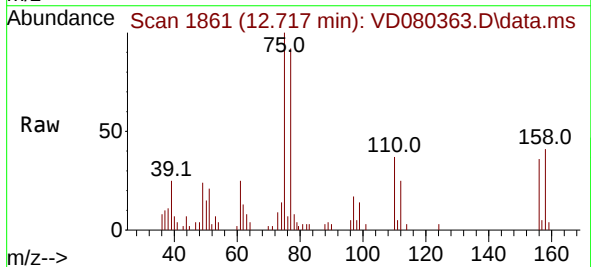
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

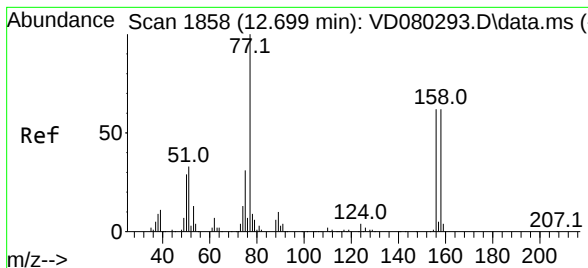
Tgt Ion: 83 Resp: 18607
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.3
 85 64.5 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 58.427 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.005 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

Tgt Ion: 75 Resp: 22372
 Ion Ratio Lower Upper
 75 100
 77 186.6 0.0 0.0#





#77

Bromobenzene

Concen: 34.725 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

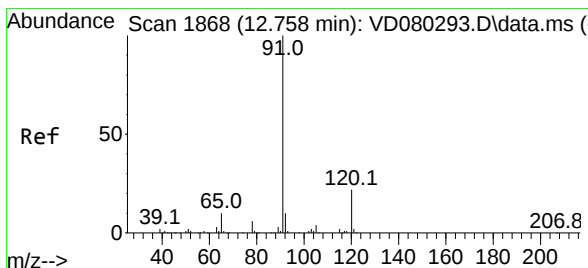
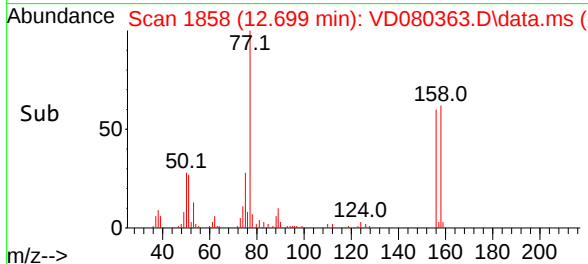
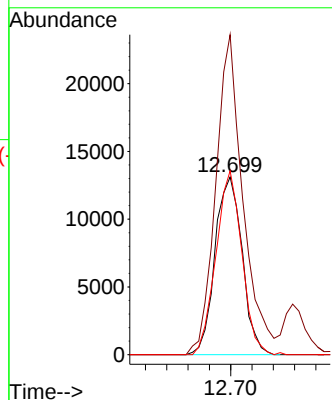
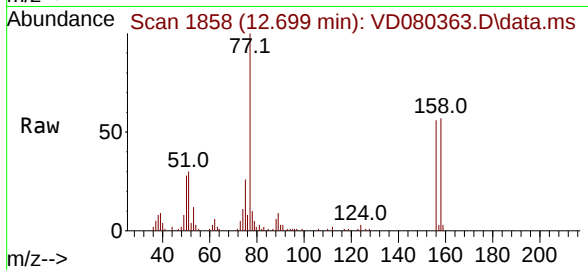
Tgt Ion:156 Resp: 23181

Ion Ratio Lower Upper

156 100

77 180.1 89.8 269.6

158 98.8 47.9 143.8



#78

n-propylbenzene

Concen: 36.196 ug/l

RT: 12.764 min Scan# 1869

Delta R.T. 0.001 min

Lab File: VD080363.D

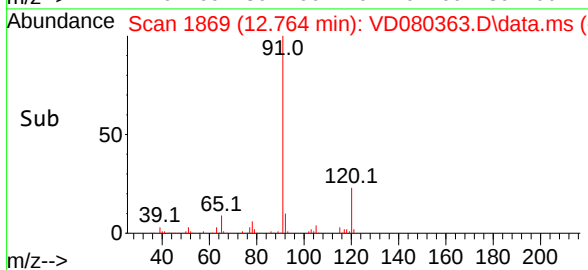
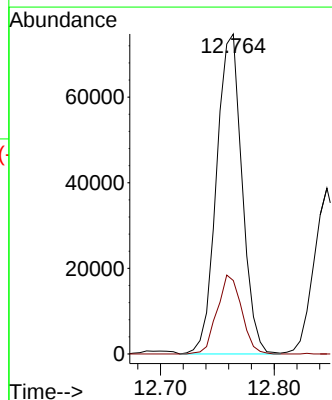
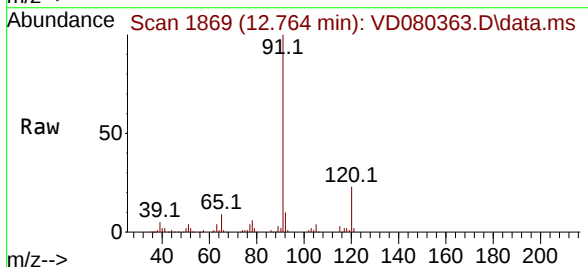
Acq: 16 May 2025 11:29

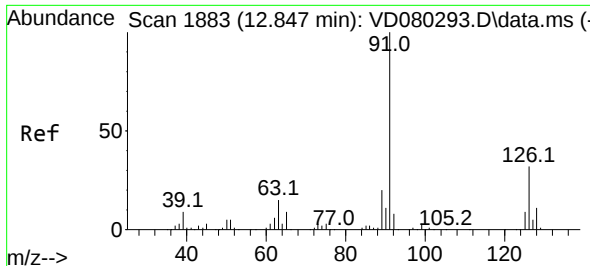
Tgt Ion: 91 Resp: 116902

Ion Ratio Lower Upper

91 100

120 23.5 11.2 33.5

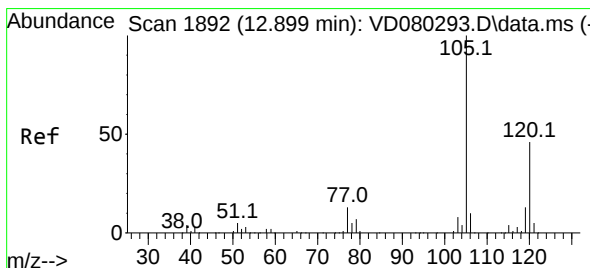
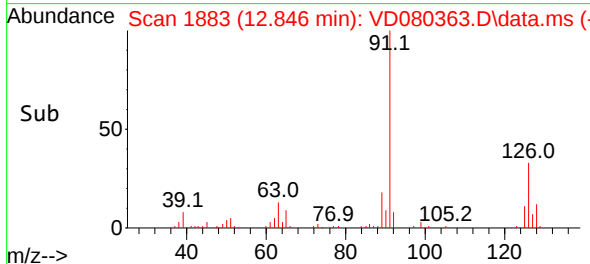
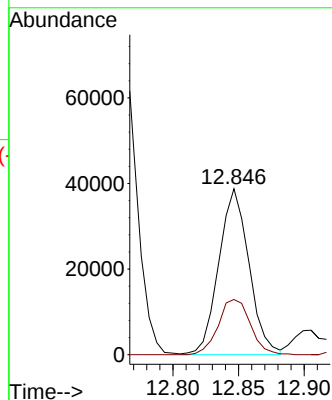
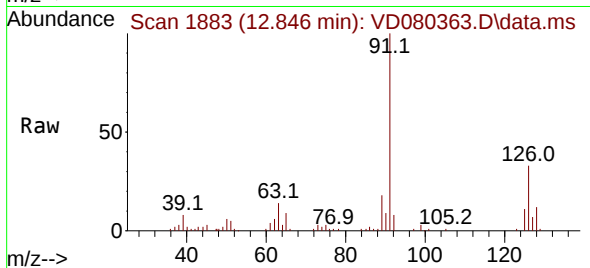




#79
2-Chlorotoluene
Concen: 33.094 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

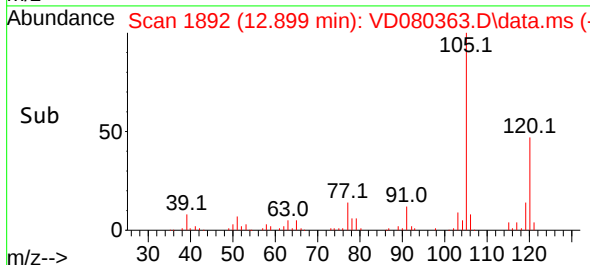
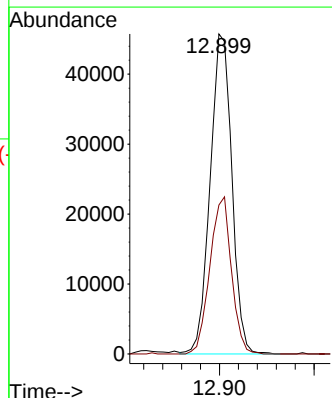
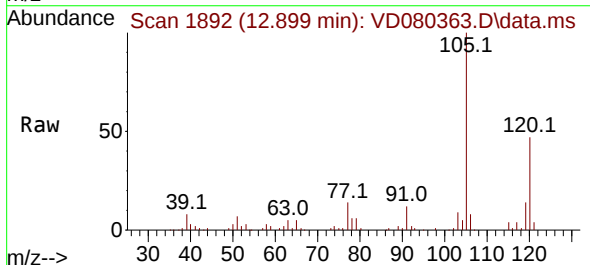
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

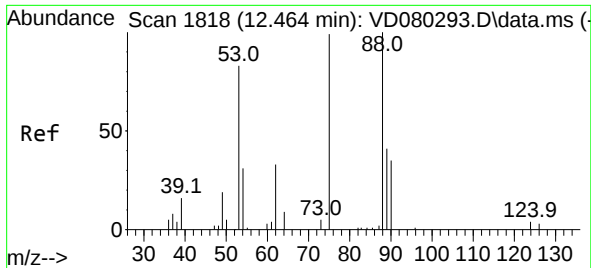
Tgt Ion: 91 Resp: 62171
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 33.153 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 105 Resp: 72773
Ion Ratio Lower Upper
105 100
120 48.7 25.0 75.0

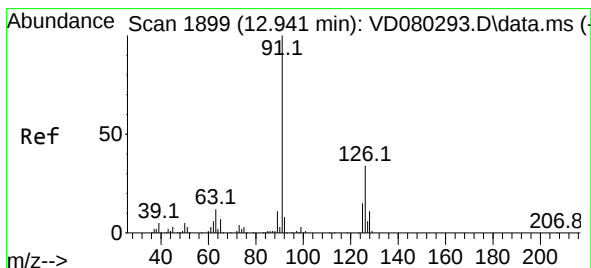
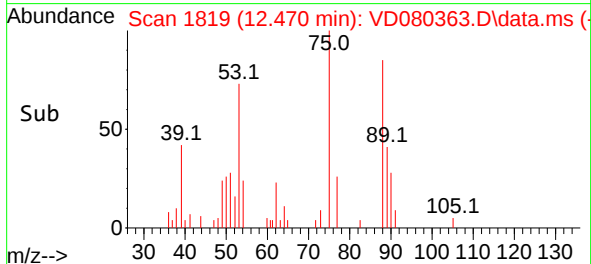
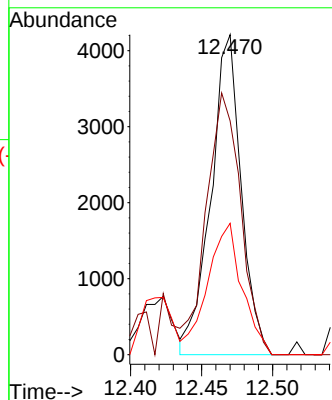
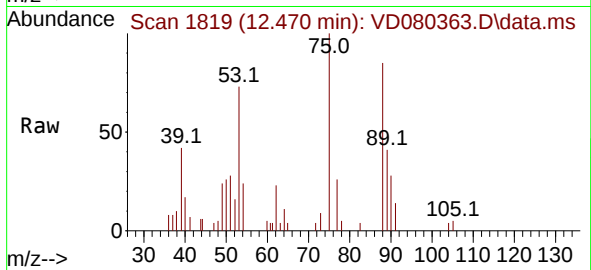




#81
trans-1,4-Dichloro-2-butene
Concen: 30.894 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

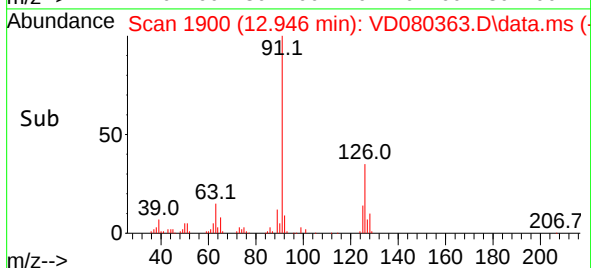
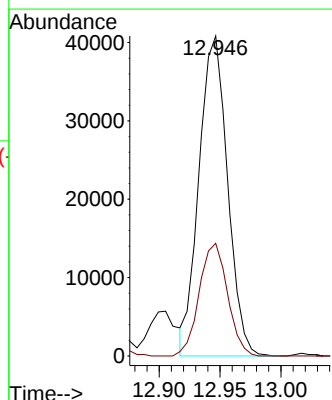
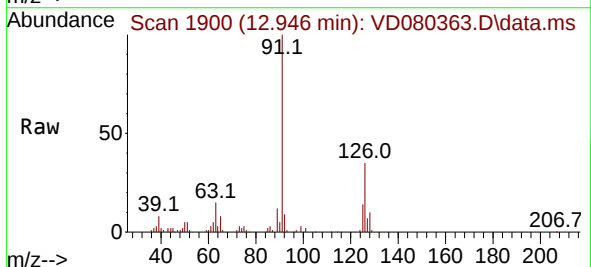
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

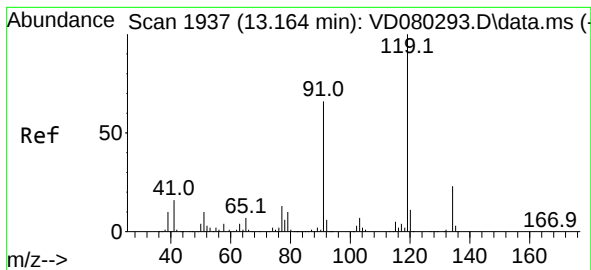
Tgt Ion: 75 Resp: 6232
Ion Ratio Lower Upper
75 100
53 92.8 68.7 103.1
89 47.2 36.1 54.1



#82
4-Chlorotoluene
Concen: 32.914 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 91 Resp: 66744
Ion Ratio Lower Upper
91 100
126 34.9 16.8 50.3

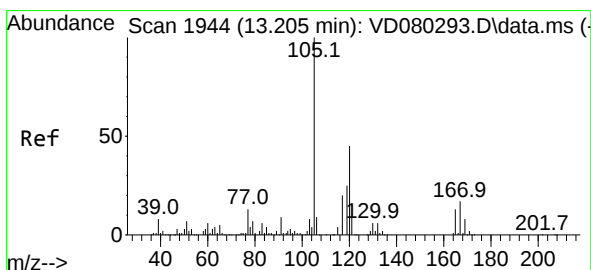
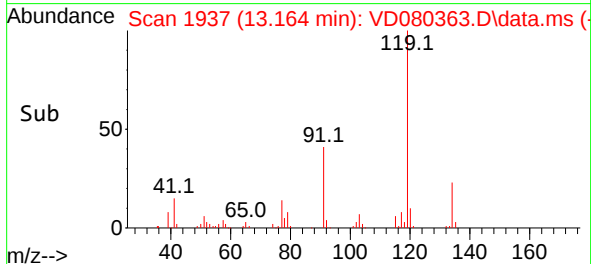
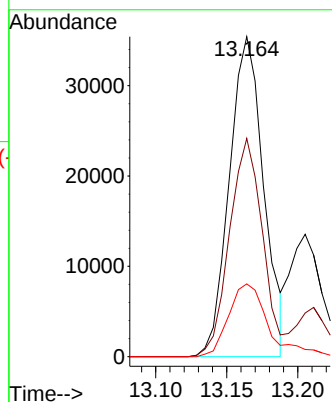
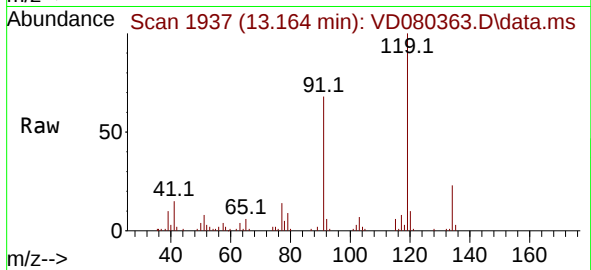




#83
tert-Butylbenzene
Concen: 32.568 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

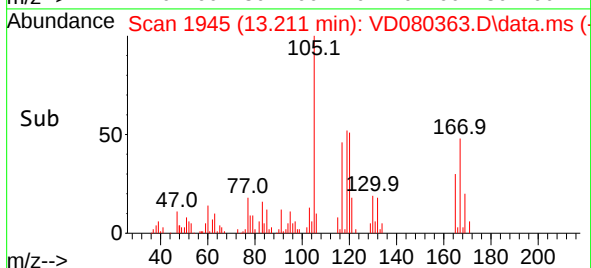
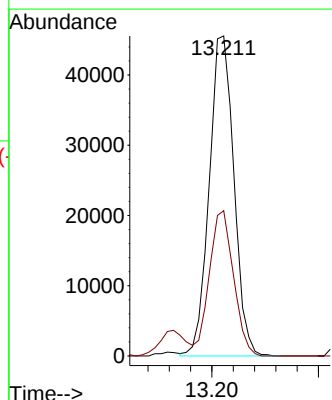
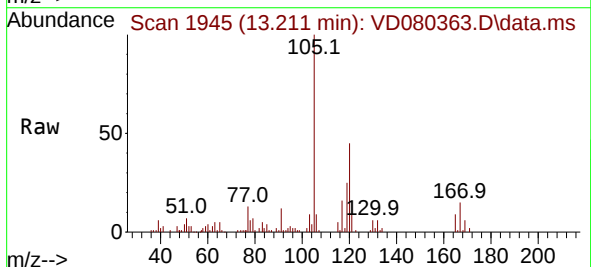
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

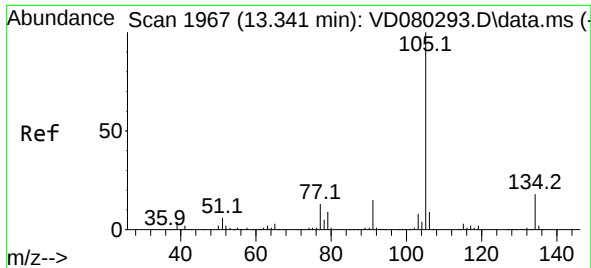
Tgt Ion:	119	Resp:	59655
Ion Ratio	Lower	Upper	
119	100		
91	66.7	33.3	99.9
134	26.4	13.5	40.5



#84
1,2,4-Trimethylbenzene
Concen: 32.606 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion:	105	Resp:	73229
Ion Ratio	Lower	Upper	
105	100		
120	44.6	22.8	68.4

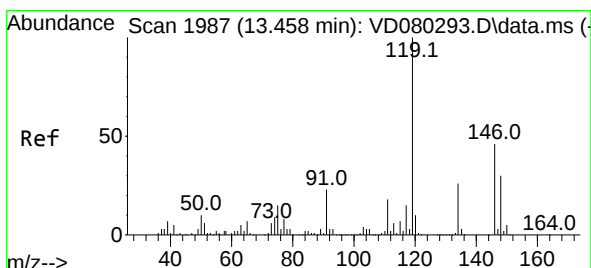
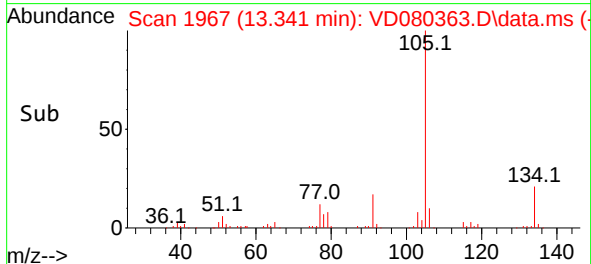
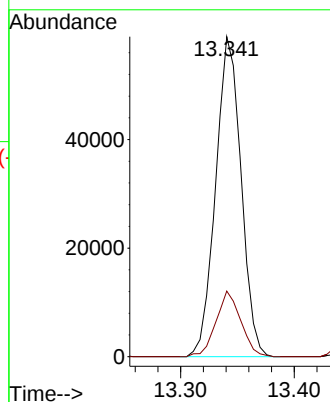
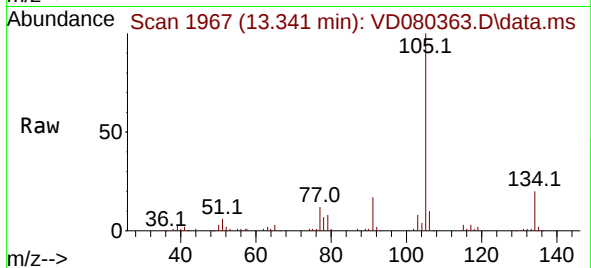




#85
 sec-Butylbenzene
 Concen: 32.444 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.001 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

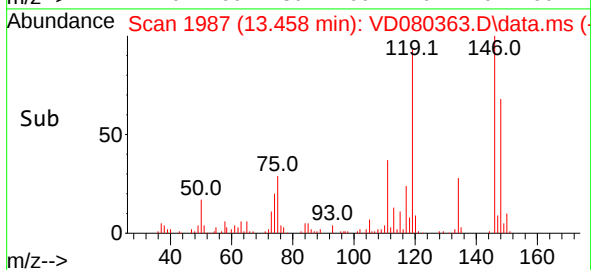
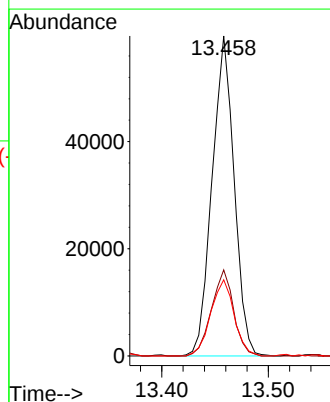
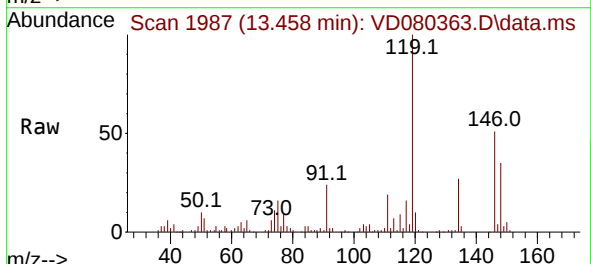
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD01

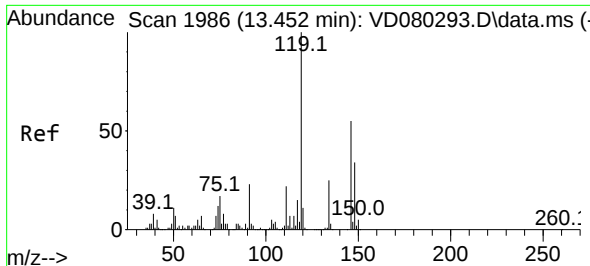
Tgt Ion:105 Resp: 91643
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 36.117 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

Tgt Ion:119 Resp: 85742
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.1
 91 25.2 12.2 36.4

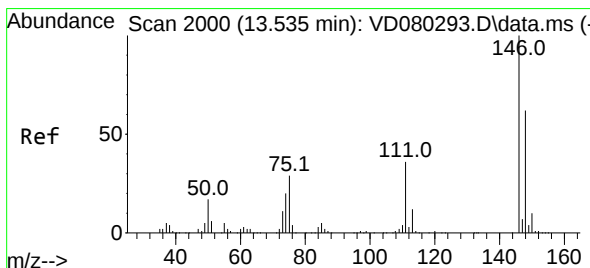
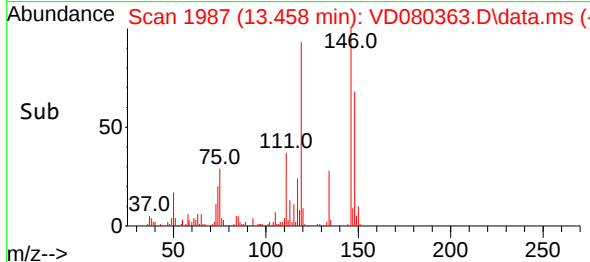
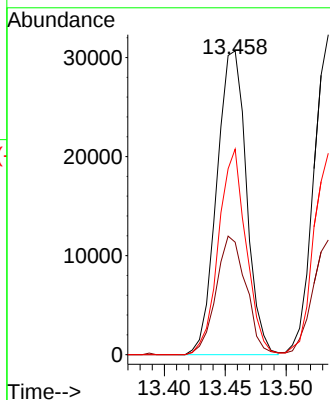
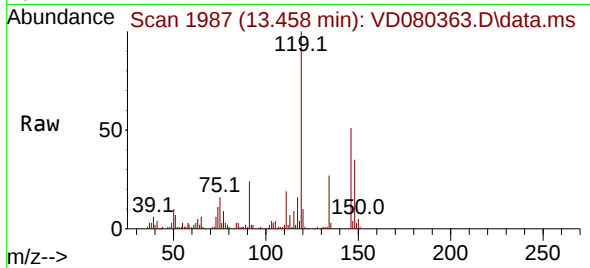




#87
1,3-Dichlorobenzene
Concen: 37.451 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

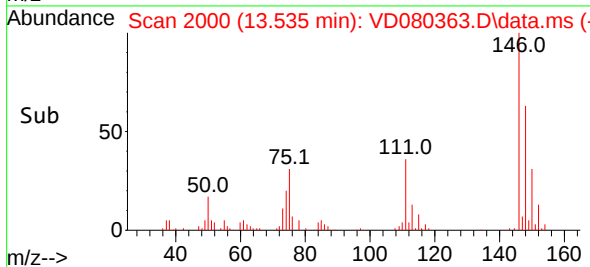
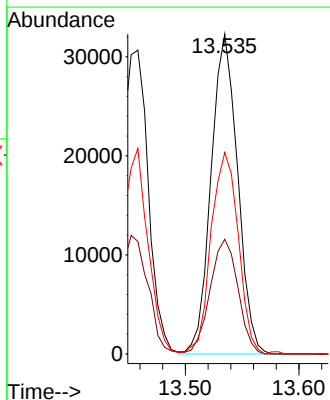
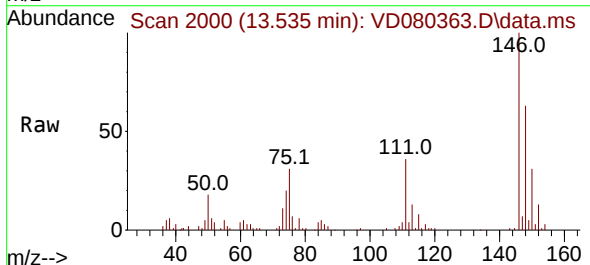
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

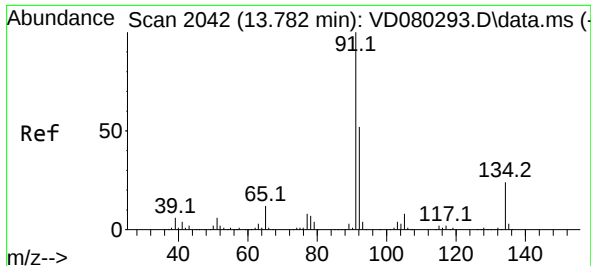
Tgt Ion:146 Resp: 52139
Ion Ratio Lower Upper
146 100
111 39.5 20.0 59.9
148 62.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 37.368 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion:146 Resp: 52446
Ion Ratio Lower Upper
146 100
111 37.7 19.3 57.8
148 64.6 32.9 98.7

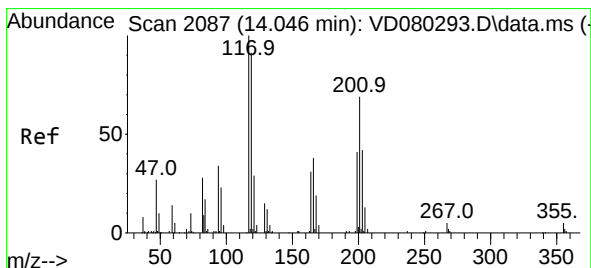
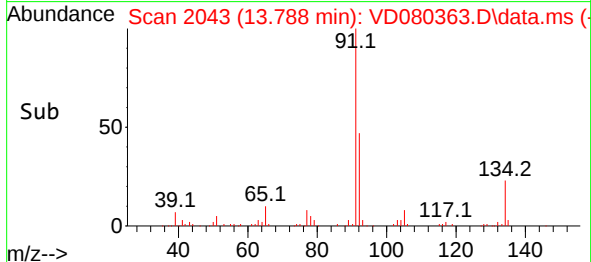
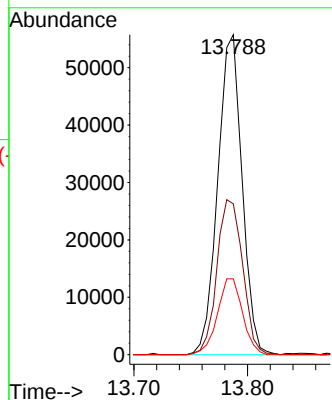
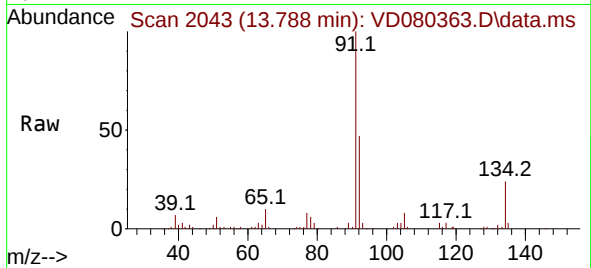




#89
n-Butylbenzene
Concen: 36.019 ug/l
RT: 13.788 min Scan# 2042
Delta R.T. 0.001 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

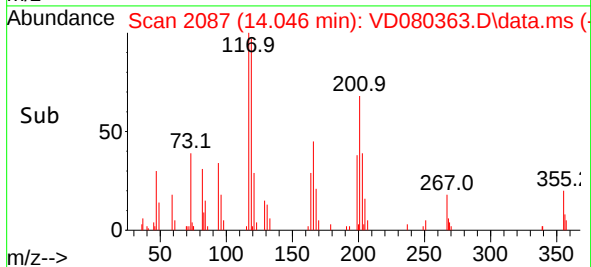
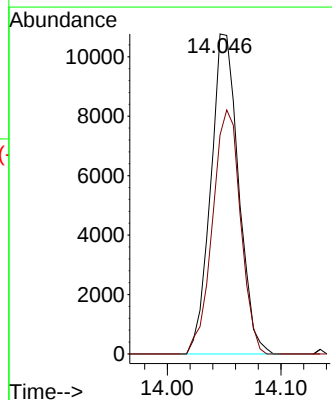
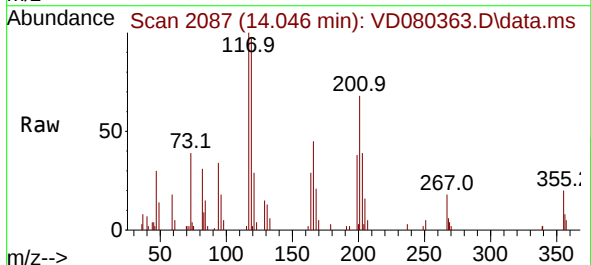
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

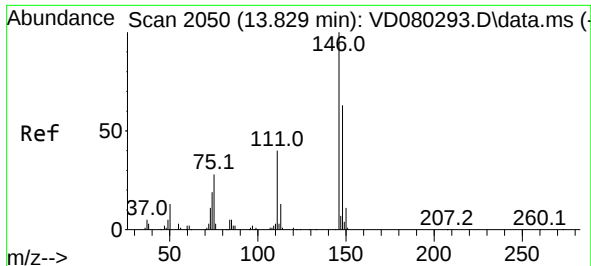
Tgt Ion: 91 Resp: 83008
Ion Ratio Lower Upper
91 100
92 51.3 26.3 78.9
134 24.6 12.3 36.8



#90
Hexachloroethane
Concen: 34.826 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.005 min
Lab File: VD080363.D
Acq: 16 May 2025 11:29

Tgt Ion: 117 Resp: 18293
Ion Ratio Lower Upper
117 100
201 77.0 37.5 112.5

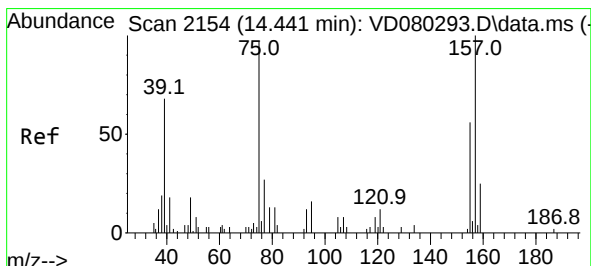
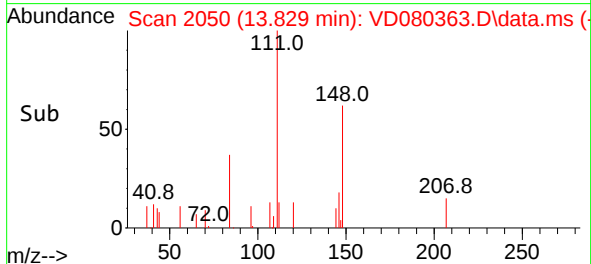
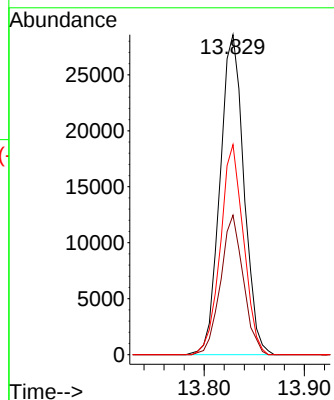
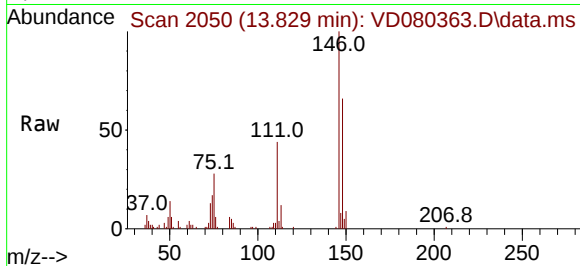




#91
 1,2-Dichlorobenzene
 Concen: 39.001 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

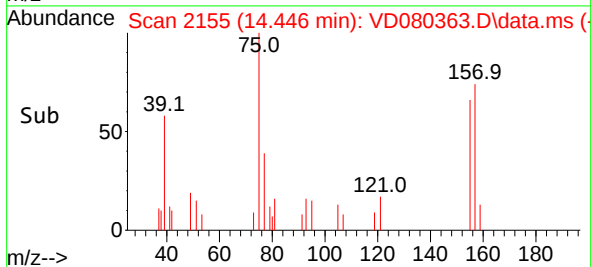
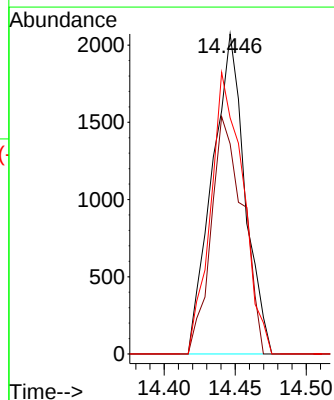
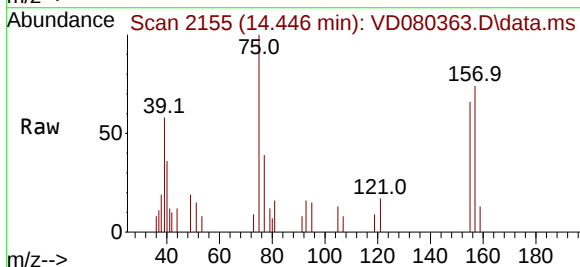
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD01

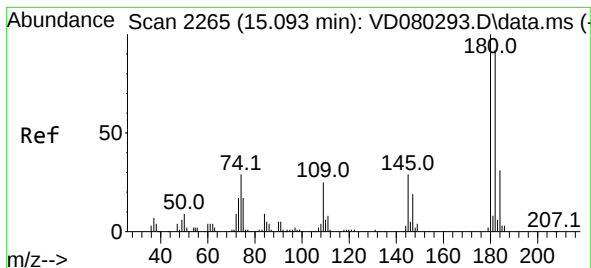
Tgt Ion:146 Resp: 47167
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.8
 148 63.7 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 36.852 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080363.D
 Acq: 16 May 2025 11:29

Tgt Ion: 75 Resp: 3324
 Ion Ratio Lower Upper
 75 100
 155 72.2 40.6 122.0
 157 87.1 53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 31.733 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. -0.005 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

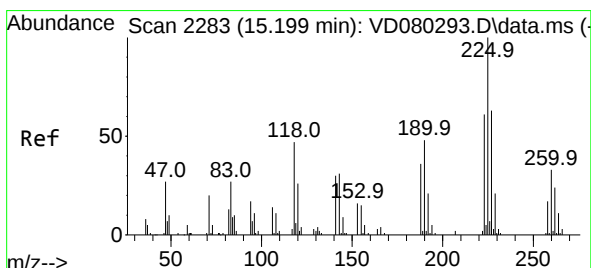
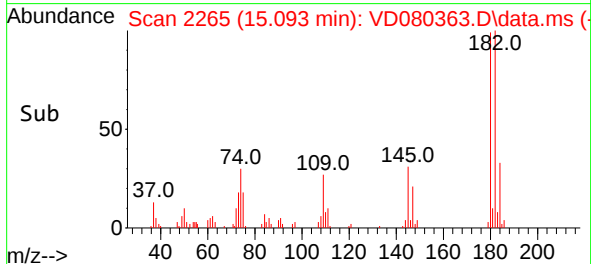
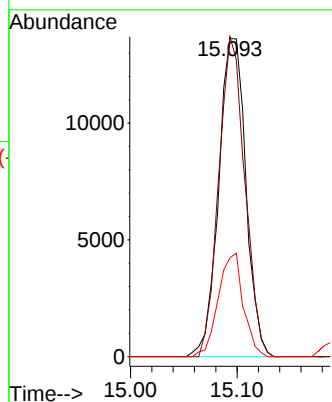
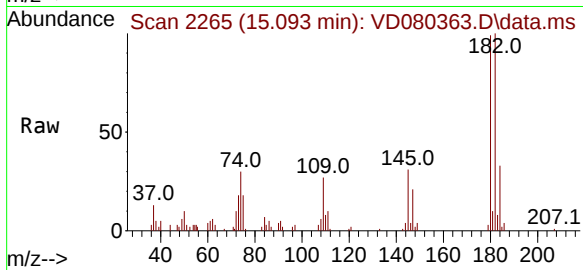
Tgt Ion:180 Resp: 24135

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.2

145 29.9 14.7 44.1



#94

Hexachlorobutadiene

Concen: 33.542 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

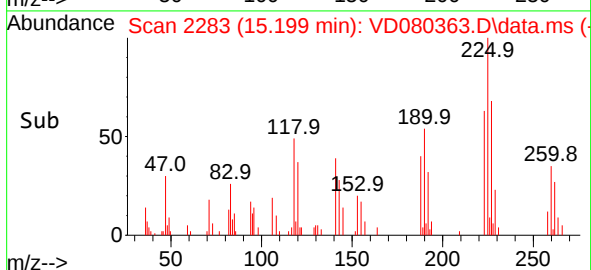
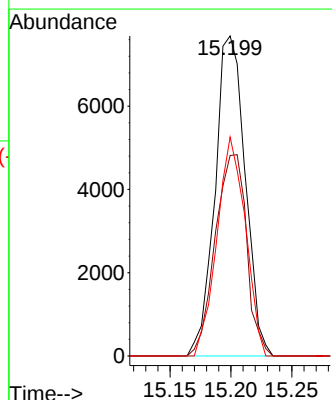
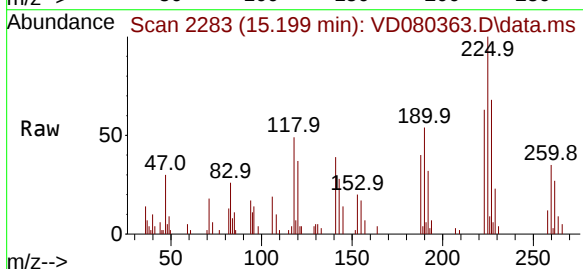
Tgt Ion:225 Resp: 13272

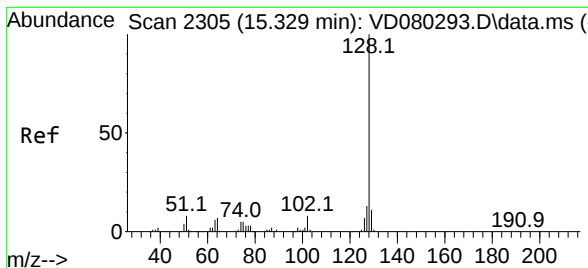
Ion Ratio Lower Upper

225 100

223 65.2 31.5 94.5

227 64.4 30.9 92.5





#95

Naphthalene

Concen: 27.255 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

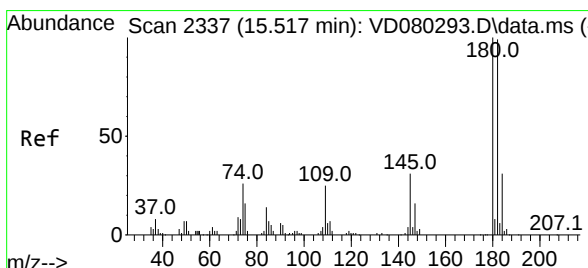
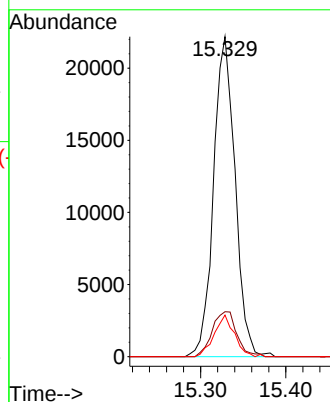
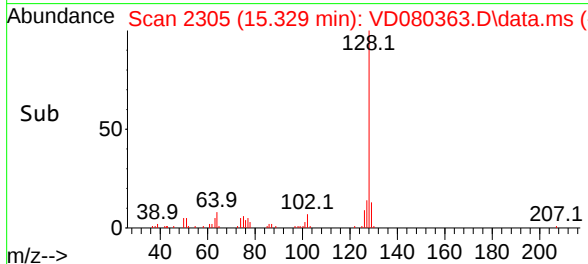
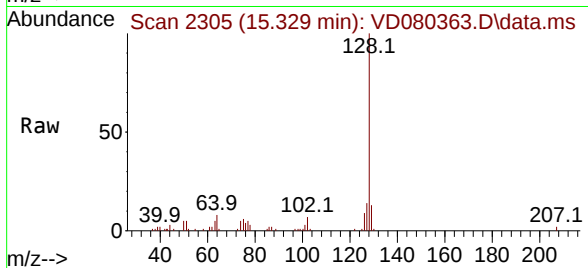
Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

Tgt Ion:128	Resp:	38922
Ion Ratio	Lower	Upper
128	100	
127	14.0	11.8 17.8
129	13.0	8.3 12.5#



#96

1,2,3-Trichlorobenzene

Concen: 32.413 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD080363.D

Acq: 16 May 2025 11:29

Tgt Ion:180	Resp:	22048
Ion Ratio	Lower	Upper
180	100	
182	95.8	47.5 142.6
145	30.9	15.7 47.0

