

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080401.D
 Acq On : 30 May 2025 15:21
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD053025

Quant Time: May 31 00:44:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 31 00:36:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	144820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	259371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	187200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	126566	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	91646	50.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.360%
35) Dibromofluoromethane	7.805	113	84095	49.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.270	98	285776	42.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.260%
62) 4-Bromofluorobenzene	12.570	95	89099	42.914	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	79065	47.681	ug/l	96
3) Chloromethane	2.153	50	147522	52.159	ug/l	93
4) Vinyl Chloride	2.288	62	169387	53.613	ug/l	100
5) Bromomethane	2.700	94	100916	44.964	ug/l	100
6) Chloroethane	2.841	64	109780	51.060	ug/l	98
7) Trichlorofluoromethane	3.182	101	158832	54.705	ug/l	100
8) Diethyl Ether	3.594	74	51991	60.745	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.970	101	94890	53.995	ug/l	100
10) Methyl Iodide	4.164	142	104177	60.139	ug/l	97
11) Tert butyl alcohol	5.059	59	31435	301.410	ug/l	98
12) 1,1-Dichloroethene	3.941	96	97653	58.239	ug/l	88
13) Acrolein	3.794	56	55993	310.494	ug/l	99
14) Allyl chloride	4.559	41	166129	60.118	ug/l	98
15) Acrylonitrile	5.259	53	122604	292.108	ug/l	99
16) Acetone	4.017	43	142400	420.486	ug/l	94
17) Carbon Disulfide	4.270	76	331123	54.917	ug/l	98
18) Methyl Acetate	4.564	43	61949	52.928	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	228331	61.359	ug/l	97
20) Methylene Chloride	4.806	84	131669	56.647	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	106016	57.823	ug/l	97
22) Diisopropyl ether	6.217	45	340017	60.188	ug/l	96
23) Vinyl Acetate	6.153	43	1018578	315.840	ug/l	99
24) 1,1-Dichloroethane	6.111	63	194778	55.411	ug/l	99
25) 2-Butanone	7.082	43	169007	333.266	ug/l	99
26) 2,2-Dichloropropane	7.076	77	152502	54.448	ug/l	100
27) cis-1,2-Dichloroethene	7.076	96	114436	54.511	ug/l	99
28) Bromochloromethane	7.429	49	83722	50.756	ug/l	98
29) Tetrahydrofuran	7.447	42	95767	280.783	ug/l	98
30) Chloroform	7.594	83	167585	47.093	ug/l	93
31) Cyclohexane	7.876	56	156748	49.867	ug/l	95
32) 1,1,1-Trichloroethane	7.794	97	150287	50.448	ug/l	98
36) 1,1-Dichloropropene	8.005	75	129592	50.015	ug/l	99
37) Ethyl Acetate	7.170	43	70320	55.410	ug/l	97
38) Carbon Tetrachloride	7.994	117	129852	49.464	ug/l	95
39) Methylcyclohexane	9.276	83	158587	53.966	ug/l	97
40) Benzene	8.247	78	379753	48.515	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	33329	46.567	ug/l	94
42) 1,2-Dichloroethane	8.323	62	107929	48.197	ug/l	99
43) Isopropyl Acetate	8.358	43	128976	54.949	ug/l	99
44) Trichloroethene	9.029	130	93504	50.932	ug/l	96
45) 1,2-Dichloropropane	9.305	63	97564	48.580	ug/l	99
46) Dibromomethane	9.394	93	50271	46.232	ug/l	98
47) Bromodichloromethane	9.582	83	125153	45.463	ug/l	97
48) Methyl methacrylate	9.382	41	62067	54.342	ug/l	97
49) 1,4-Dioxane	9.388	88	12846	1111.724	ug/l #	91
51) 4-Methyl-2-Pentanone	10.158	43	292081	235.795	ug/l	99
52) Toluene	10.335	92	200903	42.308	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	104496	41.150	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	148437	51.038	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	57798	39.748	ug/l	96
56) Ethyl methacrylate	10.594	69	79289	39.416	ug/l	96
57) 1,3-Dichloropropane	10.876	76	100517	40.457	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	207495	279.982	ug/l	100
59) 2-Hexanone	10.917	43	209774	250.260	ug/l	98
60) Dibromochloromethane	11.070	129	68942	38.876	ug/l	97
61) 1,2-Dibromoethane	11.176	107	52129	39.973	ug/l	95
64) Tetrachloroethene	10.811	164	59938	47.519	ug/l	95
65) Chlorobenzene	11.605	112	206145	50.240	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.676	131	66766	48.266	ug/l	97
67) Ethyl Benzene	11.682	91	375812	54.265	ug/l	100
68) m/p-Xylenes	11.794	106	290023	106.930	ug/l	99
69) o-Xylene	12.117	106	134190	53.146	ug/l	99
70) Styrene	12.135	104	235681	52.942	ug/l	99
71) Bromoform	12.293	173	39249	51.296	ug/l #	98
73) Isopropylbenzene	12.417	105	342660	39.394	ug/l	99
74) N-amyl acetate	12.229	43	105366	44.664	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	81475	44.313	ug/l	96
76) 1,2,3-Trichloropropane	12.717	75	105656	81.169	ug/l #	100
77) Bromobenzene	12.699	156	94089	43.973	ug/l	97
78) n-propylbenzene	12.758	91	553123	51.147	ug/l	99
79) 2-Chlorotoluene	12.846	91	286105	45.933	ug/l	99
80) 1,3,5-Trimethylbenzene	12.905	105	339213	46.723	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.470	75	26428	40.566	ug/l	98
82) 4-Chlorotoluene	12.946	91	331873	49.934	ug/l	99
83) tert-Butylbenzene	13.164	119	315124	51.642	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	389419	53.914	ug/l	100
85) sec-Butylbenzene	13.340	105	498674	54.179	ug/l	99
86) p-Isopropyltoluene	13.458	119	417536	53.981	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	215772	49.206	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	215427	49.147	ug/l	98
89) n-Butylbenzene	13.788	91	407279	51.951	ug/l	99
90) Hexachloroethane	14.052	117	80131	46.714	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	188112	49.644	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	13323	44.482	ug/l	91
93) 1,2,4-Trichlorobenzene	15.099	180	120387	45.502	ug/l	98
94) Hexachlorobutadiene	15.199	225	60172	48.077	ug/l	99
95) Naphthalene	15.329	128	232106	45.402	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	98702	41.908	ug/l	97

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

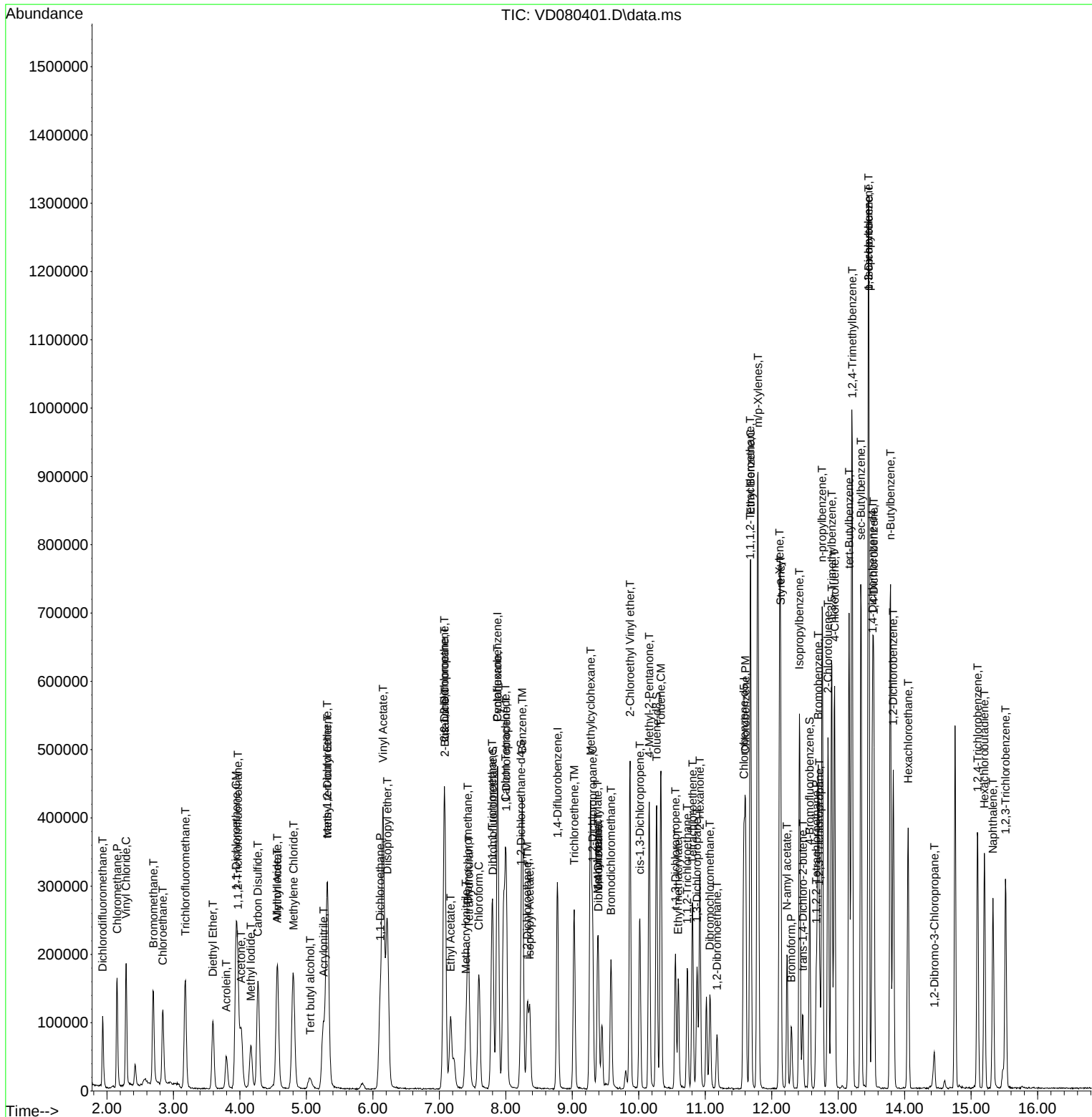
Quant Time: May 31 00:44:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
Quant Title : SW846 8260
QLast Update : Sat May 31 00:36:06 2025
Response via : Initial Calibration

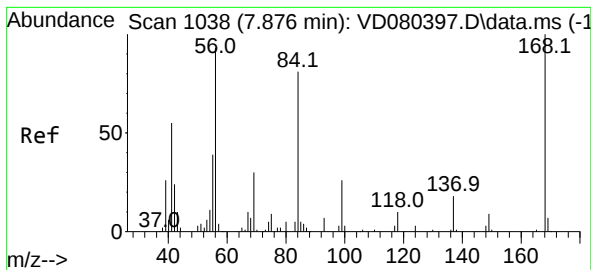
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
ICVVD053025

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Quant Title : SW846 8260
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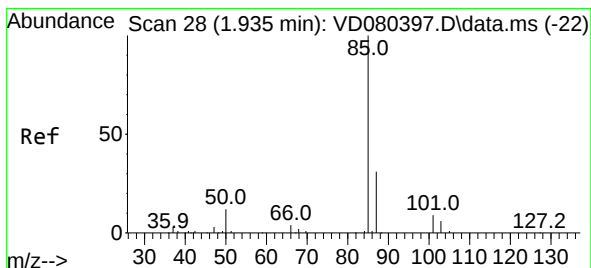
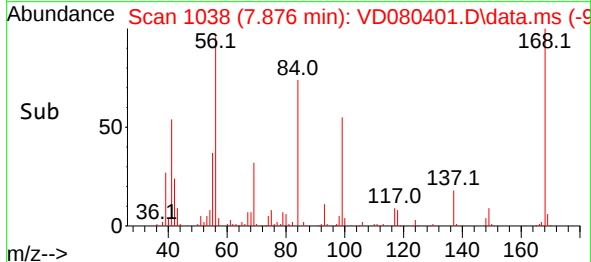
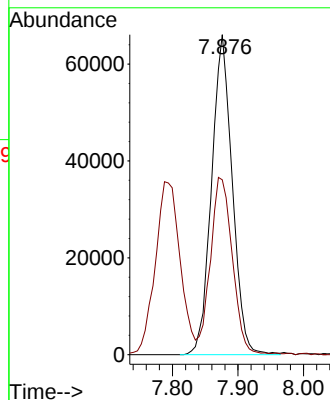
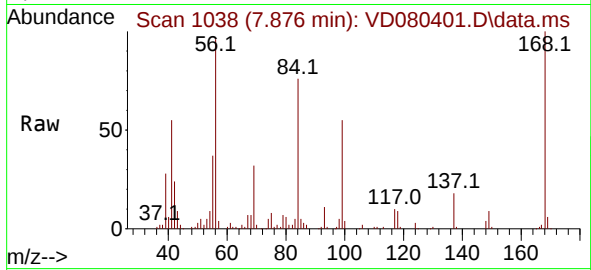




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080401.D
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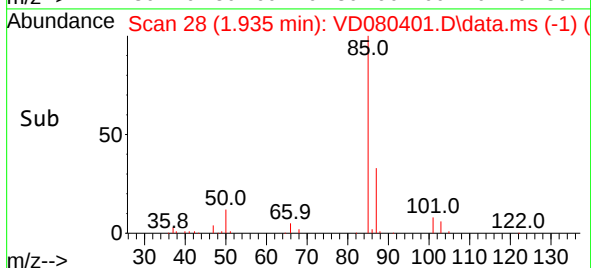
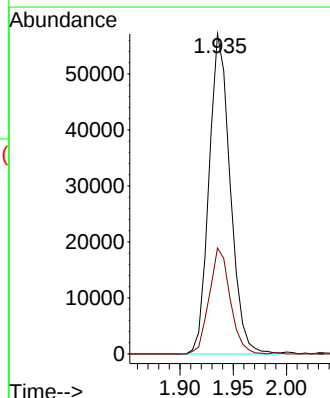
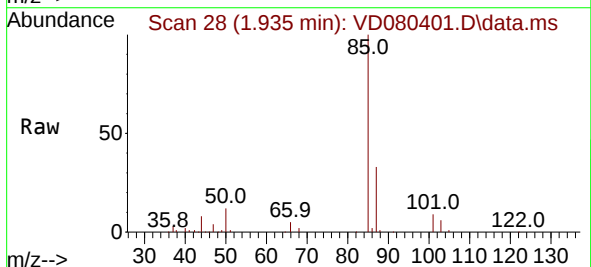
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

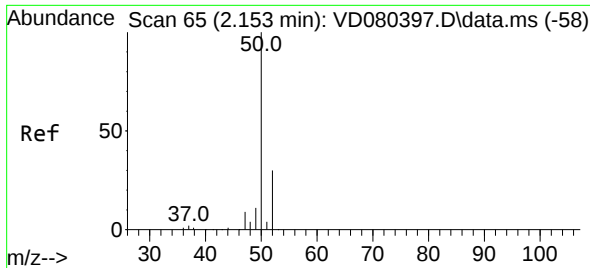
Tgt Ion:168 Resp: 144820
Ion Ratio Lower Upper
168 100
99 54.3 47.5 71.3



#2
Dichlorodifluoromethane
Concen: 47.681 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 85 Resp: 79065
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.7

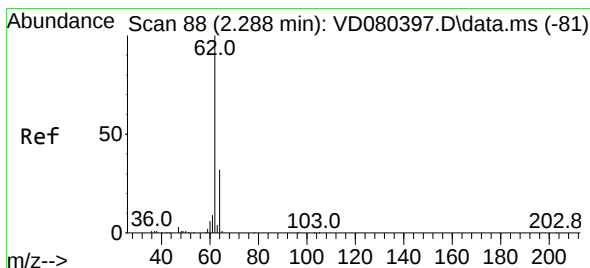
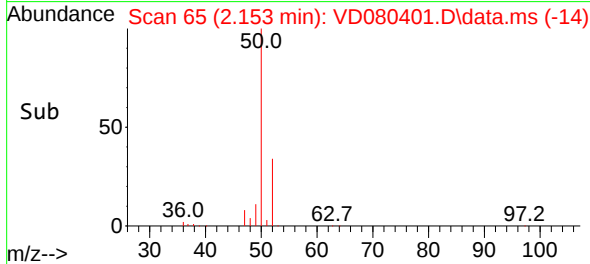
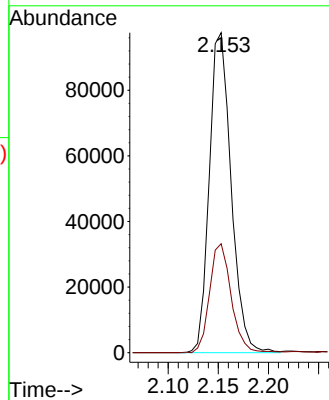
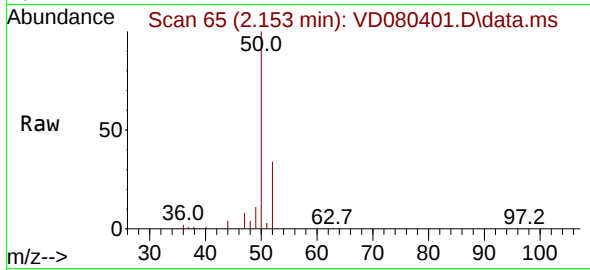




#3
Chloromethane
Concen: 52.159 ug/l
RT: 2.153 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

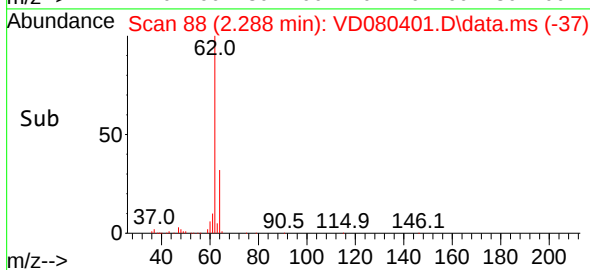
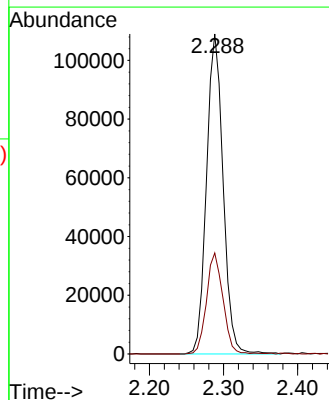
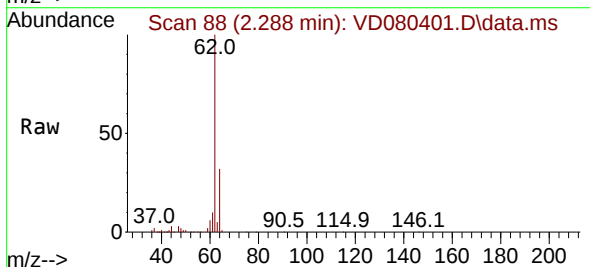
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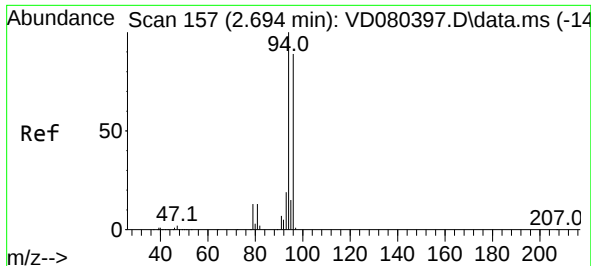
Tgt Ion: 50 Resp: 147522
Ion Ratio Lower Upper
50 100
52 34.1 24.4 36.6



#4
Vinyl Chloride
Concen: 53.613 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 62 Resp: 169387
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

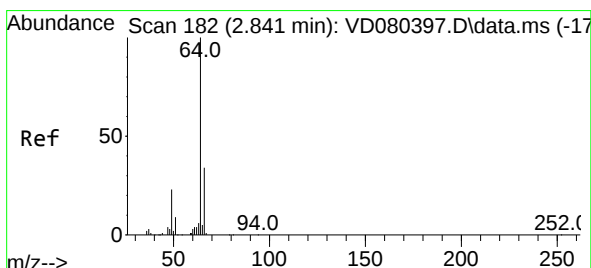
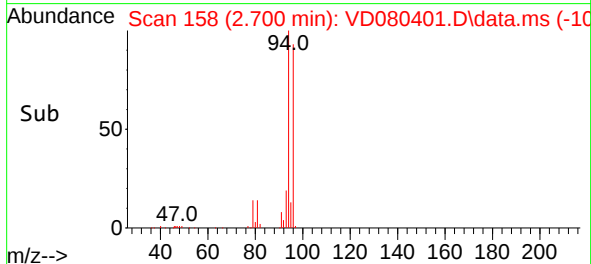
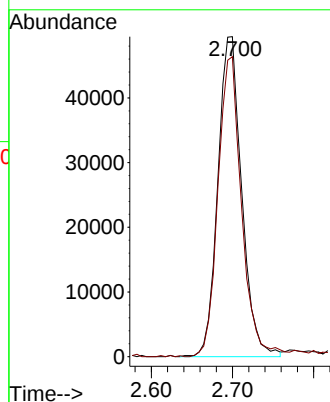
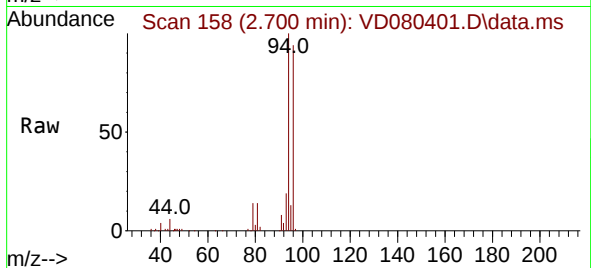




#5
Bromomethane
Concen: 44.964 ug/l
RT: 2.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

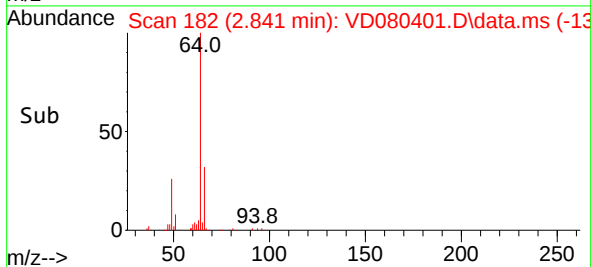
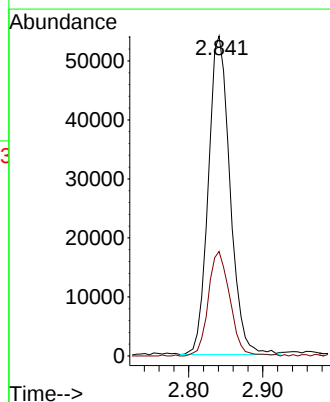
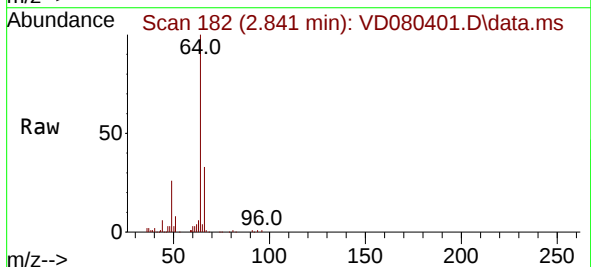
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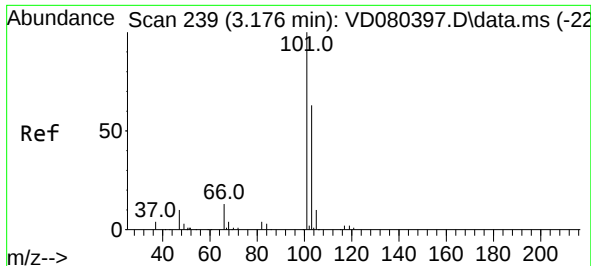
Tgt Ion: 94 Resp: 100916
Ion Ratio Lower Upper
94 100
96 93.1 74.7 112.1



#6
Chloroethane
Concen: 51.060 ug/l
RT: 2.841 min Scan# 182
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 64 Resp: 109780
Ion Ratio Lower Upper
64 100
66 32.8 27.3 40.9

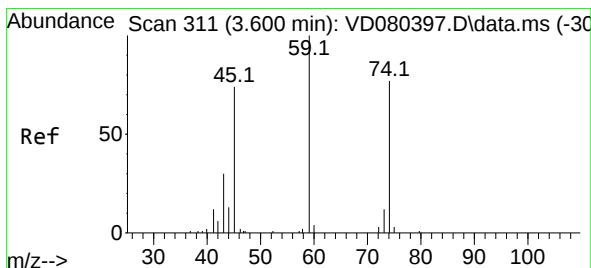
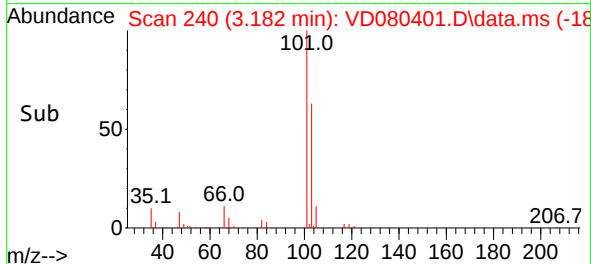
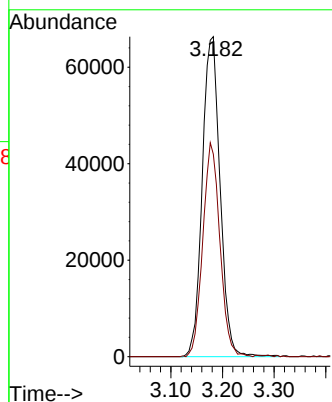
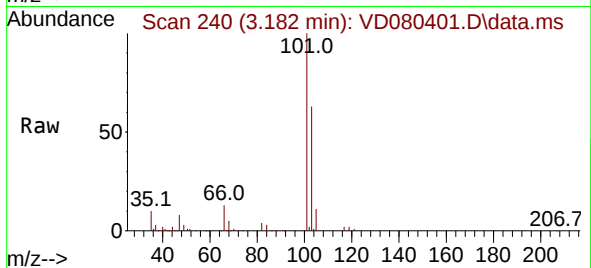




#7
Trichlorofluoromethane
Concen: 54.705 ug/l
RT: 3.182 min Scan# 24
Delta R.T. 0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

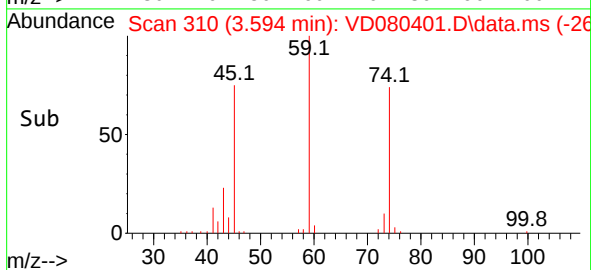
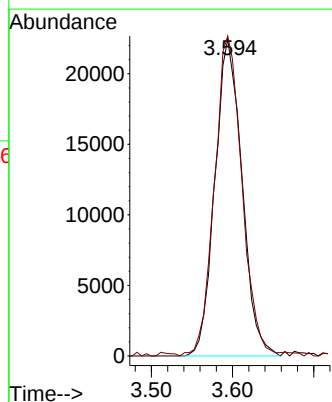
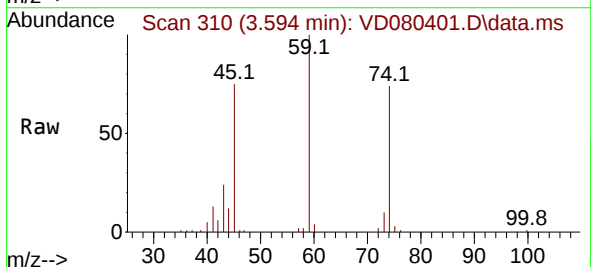
Instrument :
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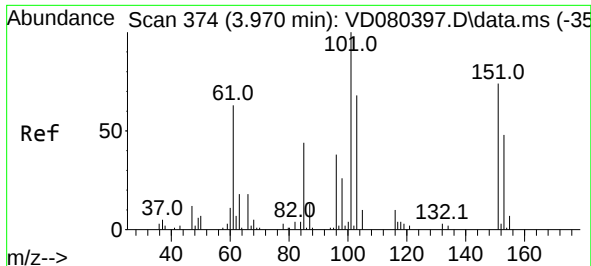
Tgt Ion:101 Resp: 158832
Ion Ratio Lower Upper
101 100
103 63.3 50.7 76.1



#8
Diethyl Ether
Concen: 60.745 ug/l
RT: 3.594 min Scan# 310
Delta R.T. -0.006 min
Lab File: VD080401.D
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Tgt Ion: 74 Resp: 51991
Ion Ratio Lower Upper
74 100
45 102.4 52.1 156.4

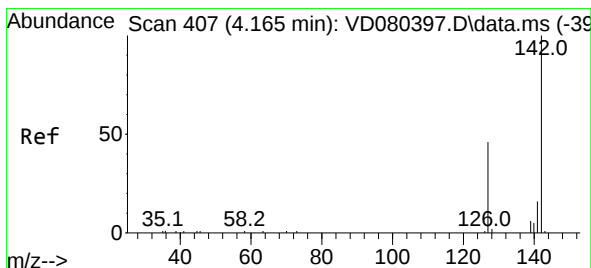
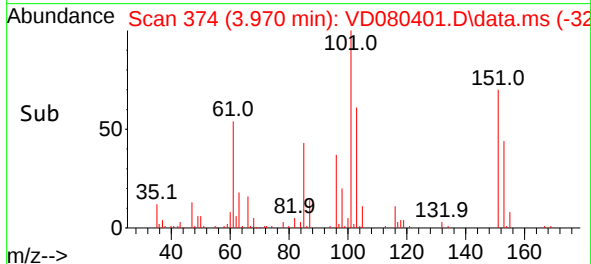
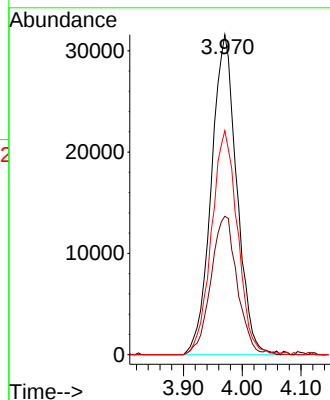
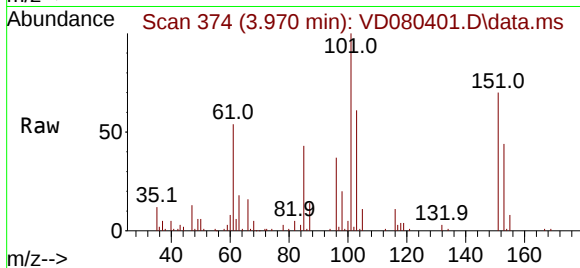




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.995 ug/l
RT: 3.970 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

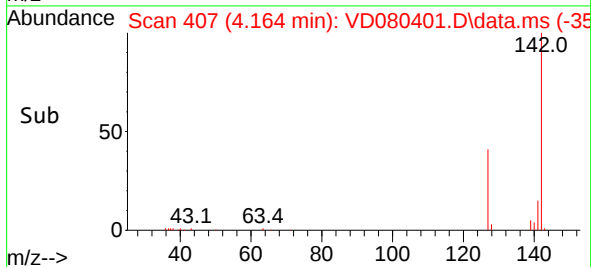
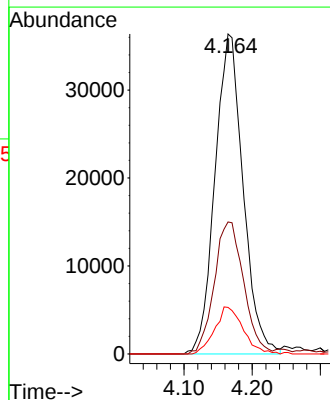
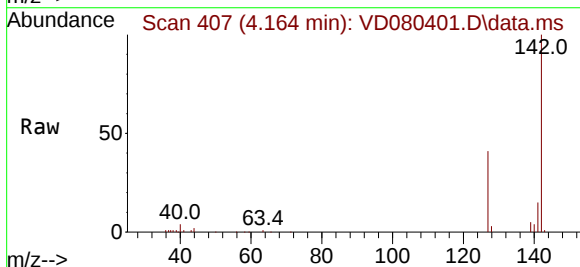
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

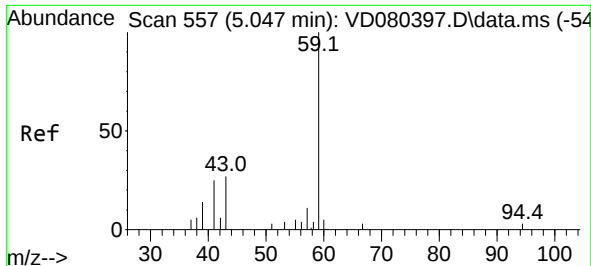
Tgt Ion:101 Resp: 94890
Ion Ratio Lower Upper
101 100
85 44.9 35.9 53.9
151 71.9 57.6 86.4



#10
Methyl Iodide
Concen: 60.139 ug/l
RT: 4.164 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion:142 Resp: 104177
Ion Ratio Lower Upper
142 100
127 43.0 36.4 54.6
141 14.9 12.1 18.1





#11

Tert butyl alcohol

Concen: 301.410 ug/l

RT: 5.059 min Scan# 51

Delta R.T. 0.012 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

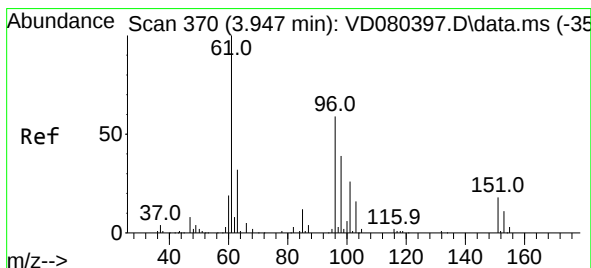
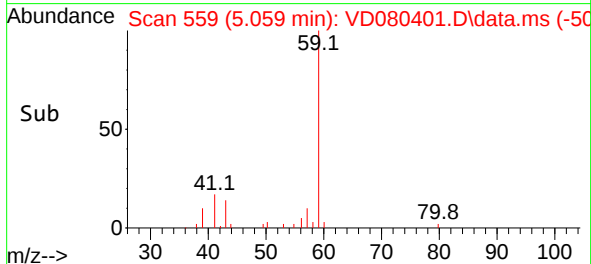
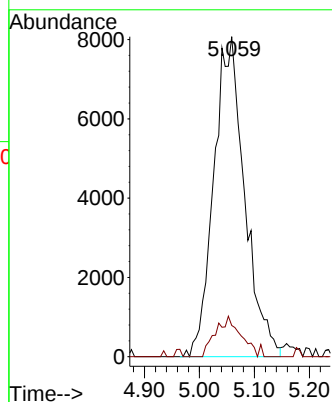
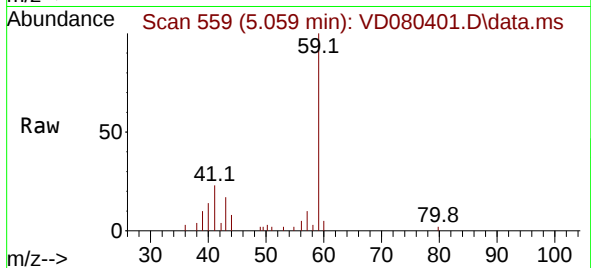
ICVVD053025

Tgt Ion: 59 Resp: 31435

Ion Ratio Lower Upper

59 100

57 10.2 8.7 13.1



#12

1,1-Dichloroethene

Concen: 58.239 ug/l

RT: 3.941 min Scan# 369

Delta R.T. -0.006 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

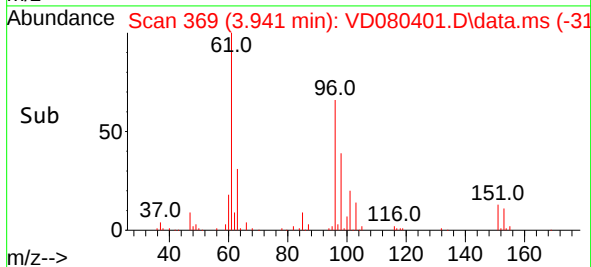
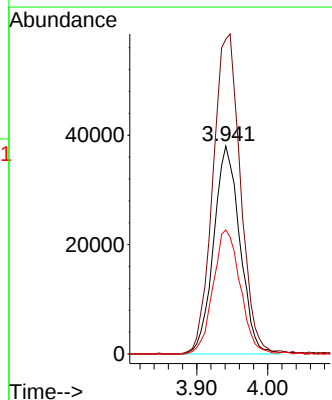
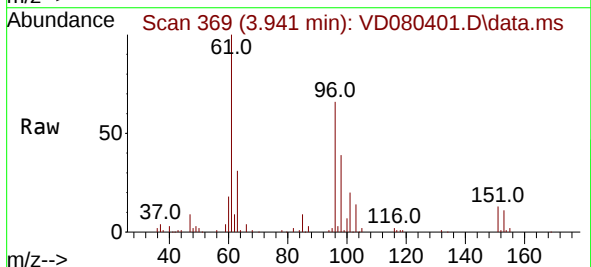
Tgt Ion: 96 Resp: 97653

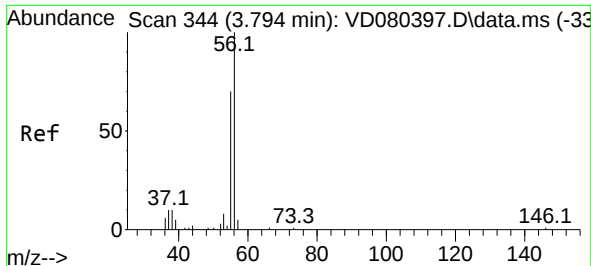
Ion Ratio Lower Upper

96 100

61 151.4 135.7 203.5

98 59.7 52.5 78.7

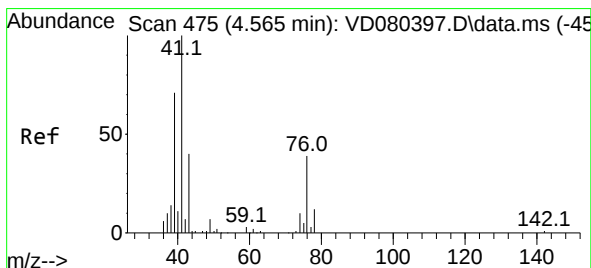
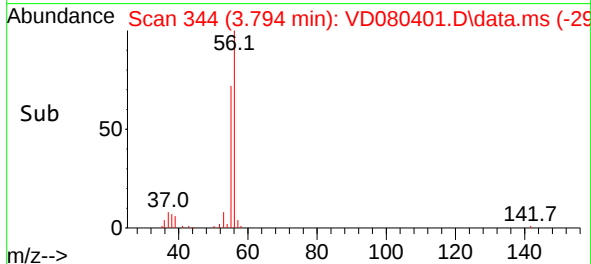
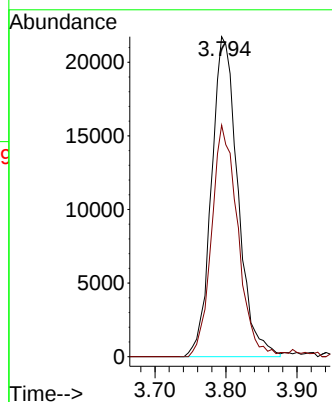
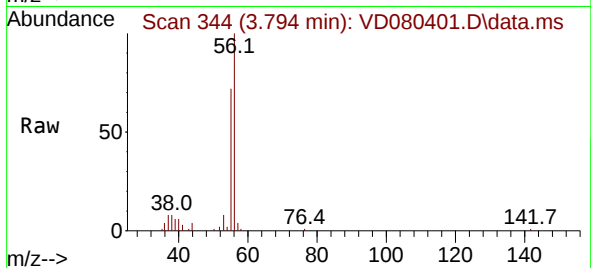




#13
Acrolein
Concen: 310.494 ug/l
RT: 3.794 min Scan# 344
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

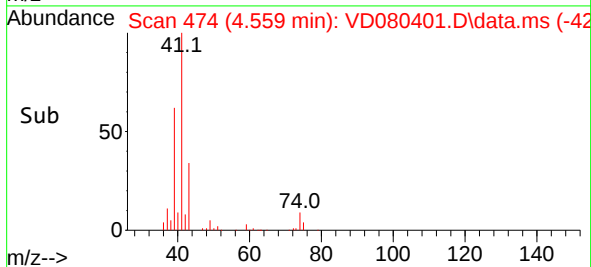
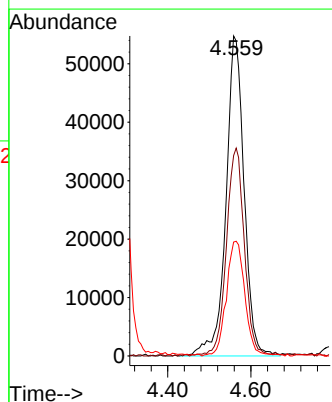
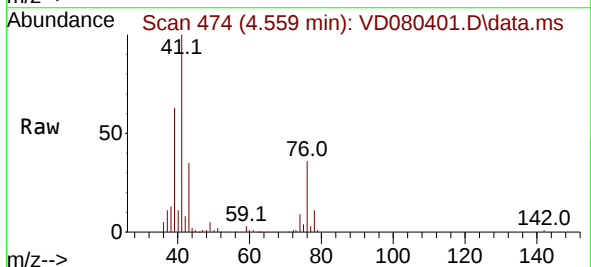
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

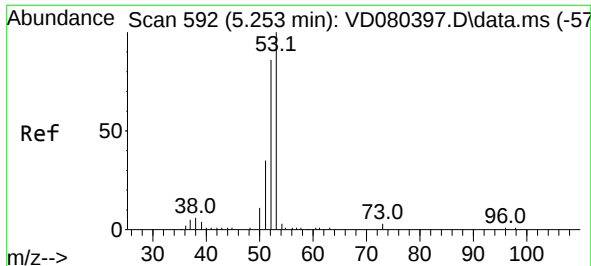
Tgt Ion: 56 Resp: 55993
Ion Ratio Lower Upper
56 100
55 72.3 57.1 85.7



#14
Allyl chloride
Concen: 60.118 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 41 Resp: 166129
Ion Ratio Lower Upper
41 100
39 64.4 53.3 79.9
76 36.7 29.4 44.2

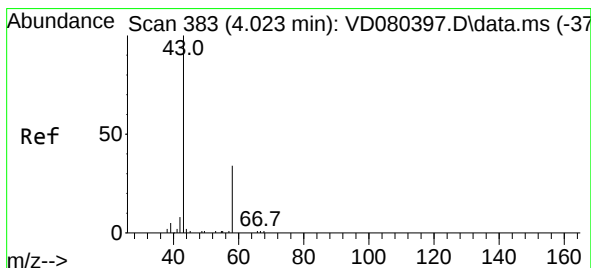
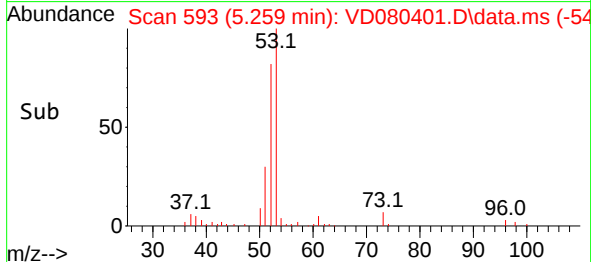
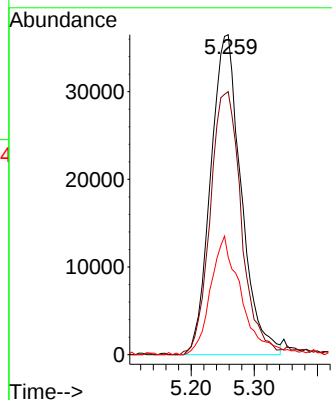
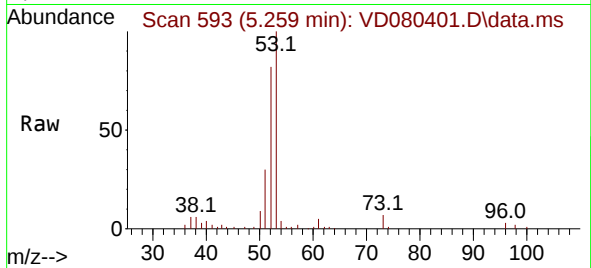




#15
Acrylonitrile
Concen: 292.108 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

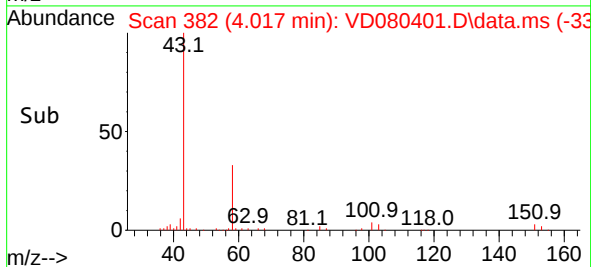
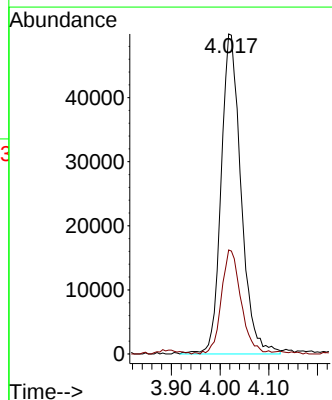
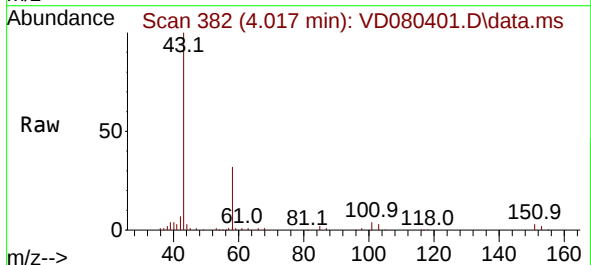
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

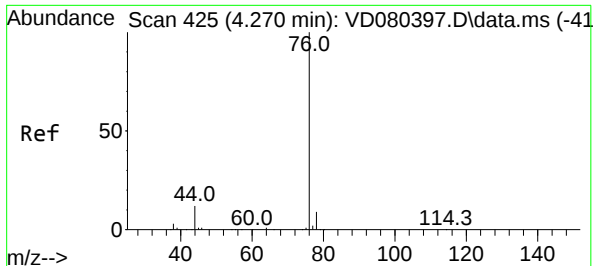
Tgt Ion: 53 Resp: 122604
Ion Ratio Lower Upper
53 100
52 83.5 65.6 98.4
51 37.6 30.5 45.7



#16
Acetone
Concen: 420.486 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 43 Resp: 142400
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

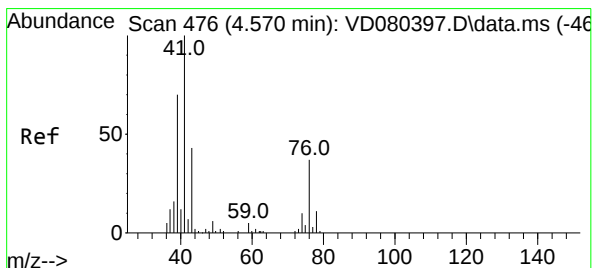
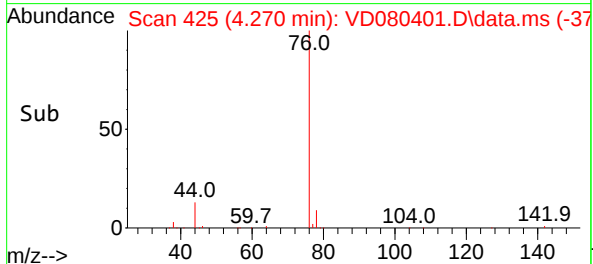
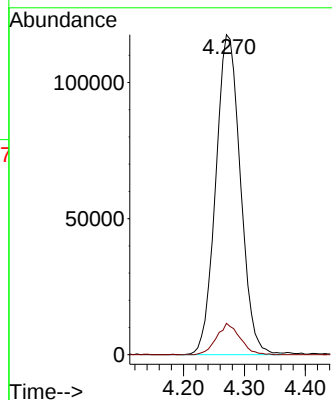
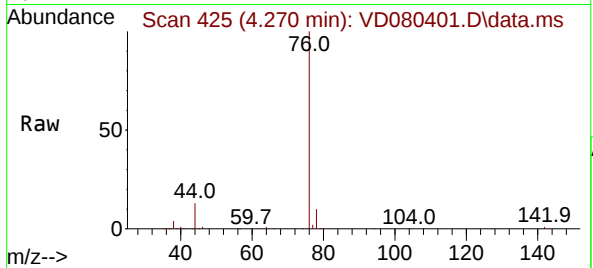




#17
Carbon Disulfide
Concen: 54.917 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

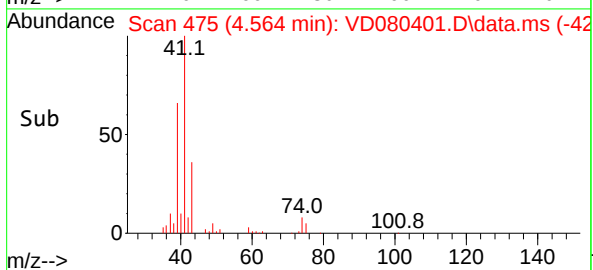
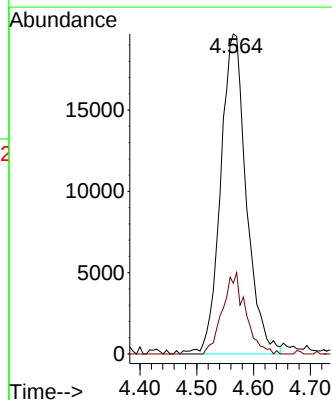
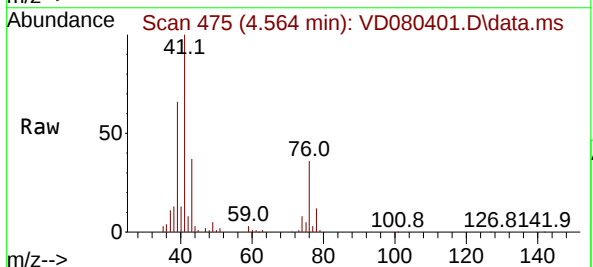
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

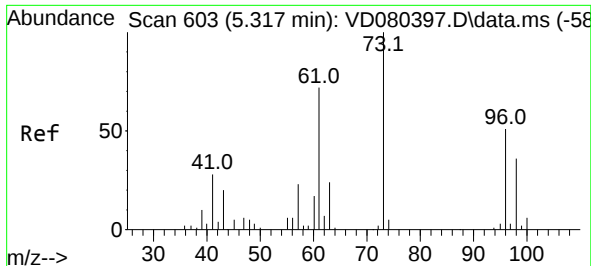
Tgt Ion: 76 Resp: 331123
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9



#18
Methyl Acetate
Concen: 52.928 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 43 Resp: 61949
Ion Ratio Lower Upper
43 100
74 22.8 18.6 28.0

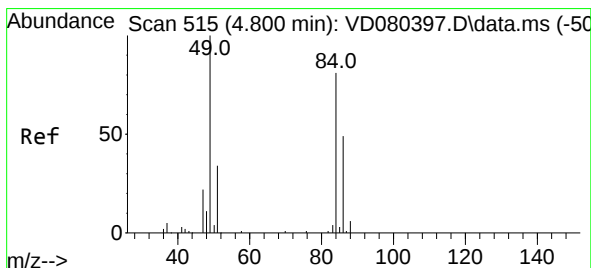
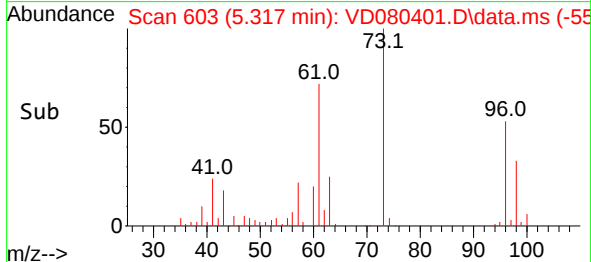
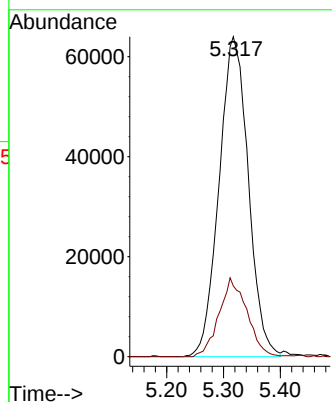
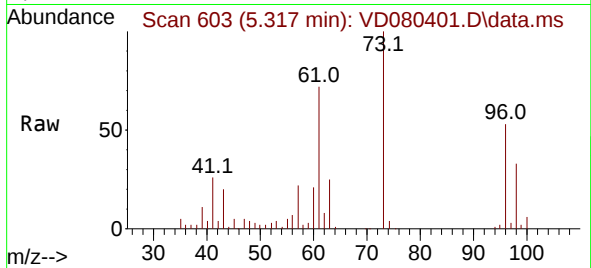




#19
Methyl tert-butyl Ether
Concen: 61.359 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

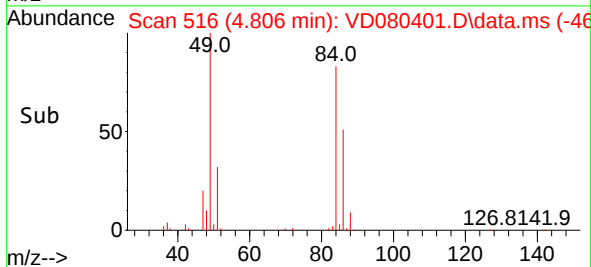
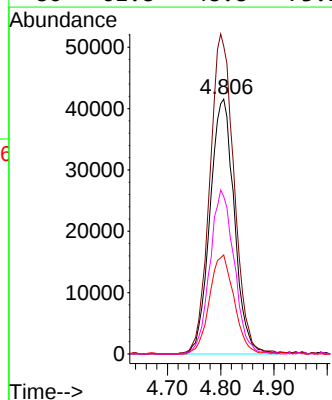
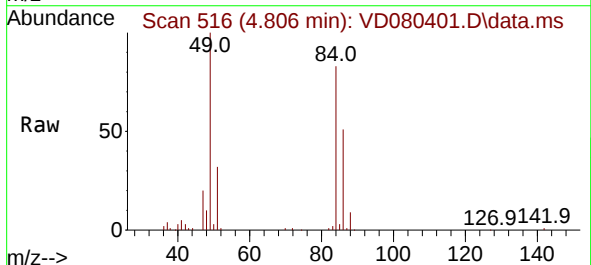
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

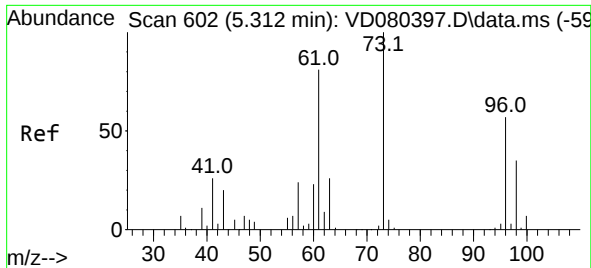
Tgt Ion: 73 Resp: 228331
Ion Ratio Lower Upper
73 100
57 22.1 18.7 28.1



#20
Methylene Chloride
Concen: 56.647 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 84 Resp: 131669
Ion Ratio Lower Upper
84 100
49 120.3 99.0 148.6
51 38.9 33.6 50.4
86 61.8 48.8 73.2

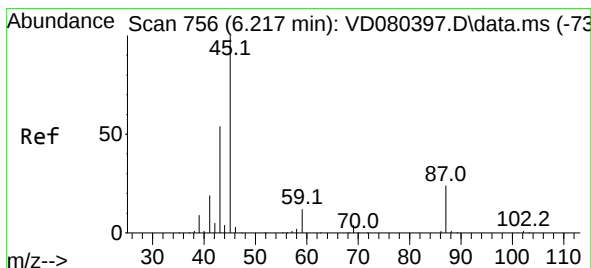
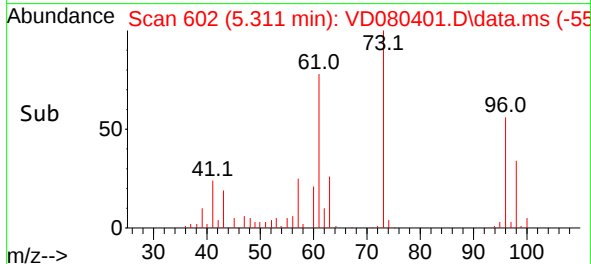
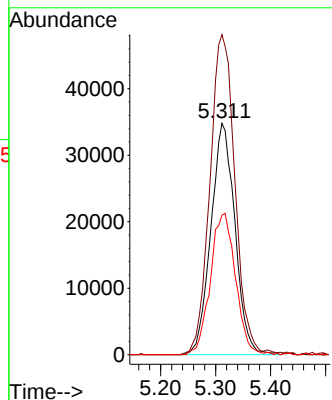
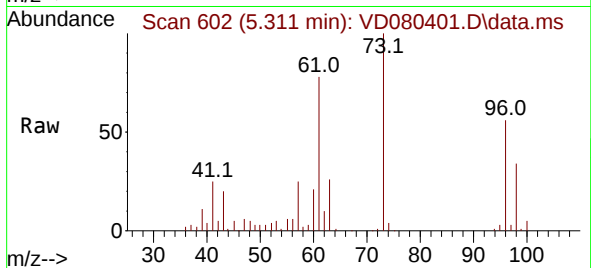




#21
trans-1,2-Dichloroethene
Concen: 57.823 ug/l
RT: 5.311 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

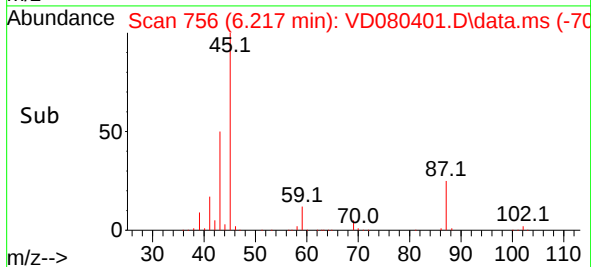
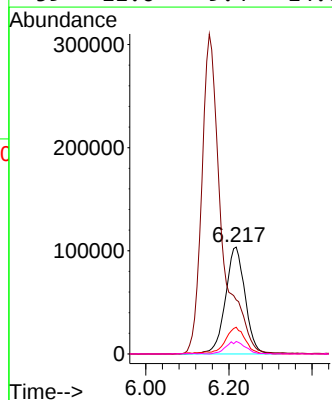
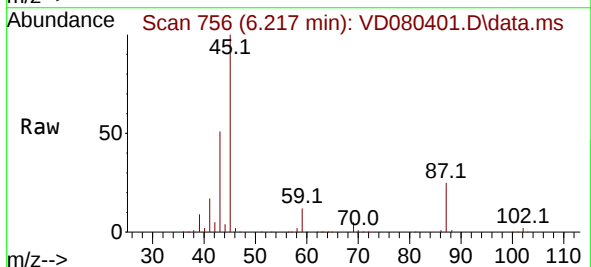
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

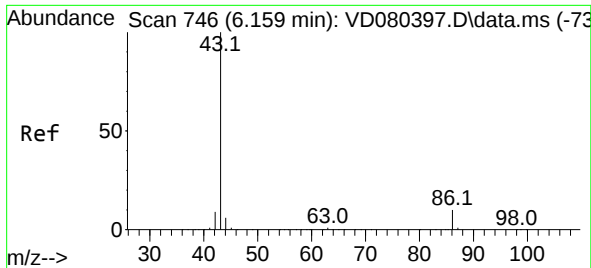
Tgt Ion: 96 Resp: 106016
Ion Ratio Lower Upper
96 100
61 138.3 113.6 170.4
98 60.3 49.4 74.2



#22
Diisopropyl ether
Concen: 60.188 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 45 Resp: 340017
Ion Ratio Lower Upper
45 100
43 50.5 43.4 65.0
87 24.8 19.1 28.7
59 11.6 9.4 14.0

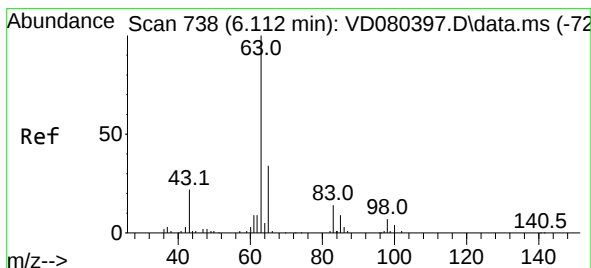
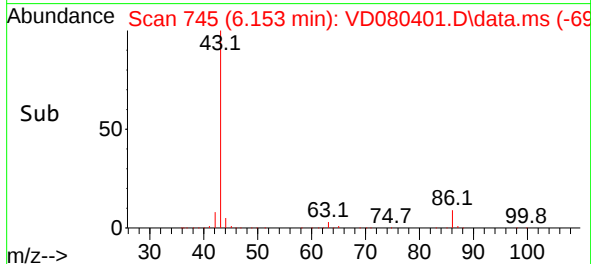
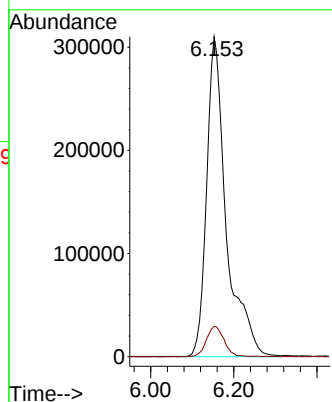
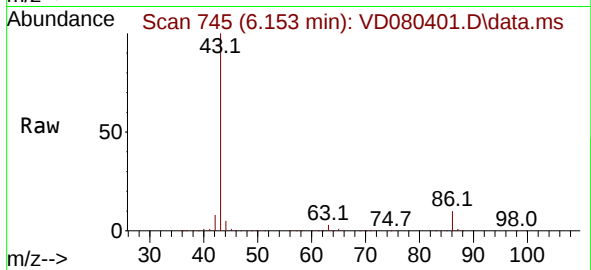




#23
 Vinyl Acetate
 Concen: 315.840 ug/l
 RT: 6.153 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

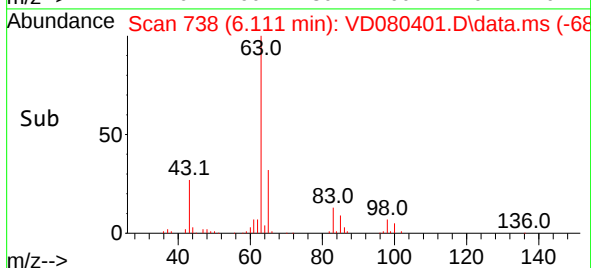
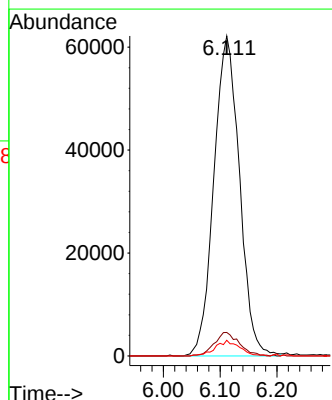
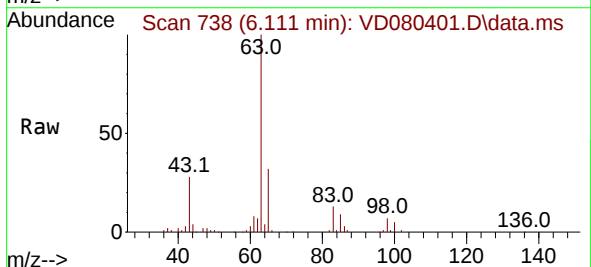
Instrument :
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 ClientSampleId :
 ICVVD053025

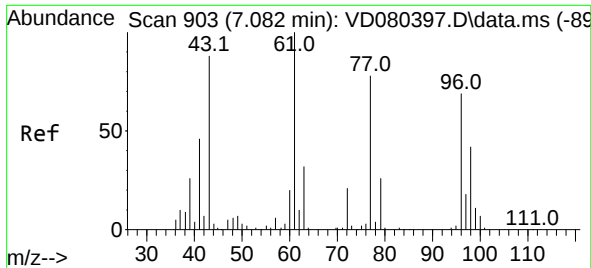
Tgt Ion: 43 Resp: 1018578
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 55.411 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

Tgt Ion: 63 Resp: 194778
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.9 2.3 6.8

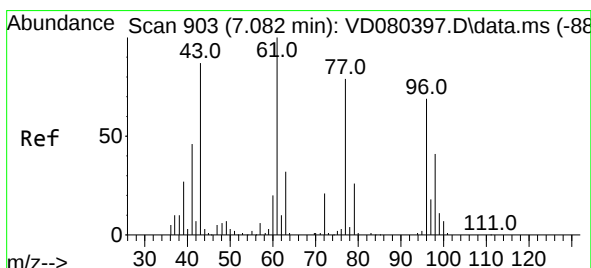
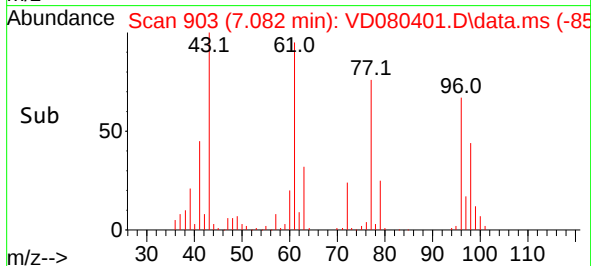
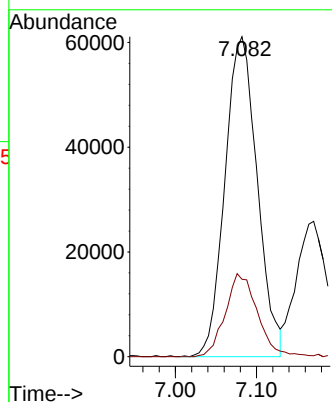
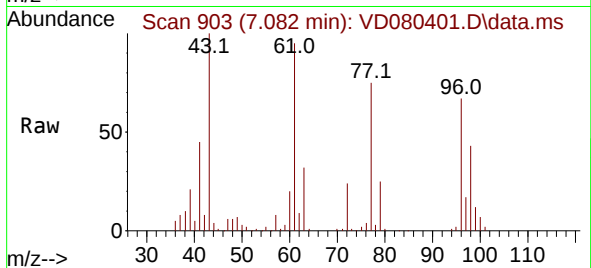




#25
2-Butanone
Concen: 333.266 ug/l
RT: 7.082 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

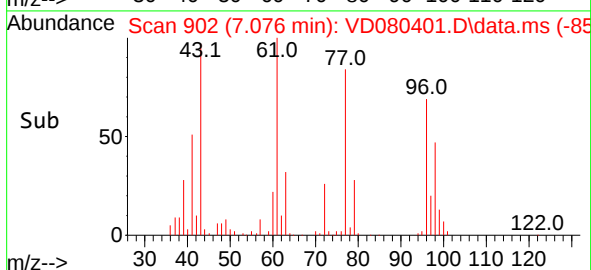
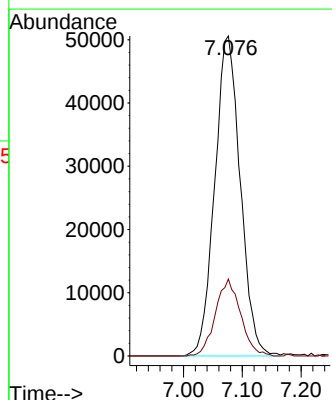
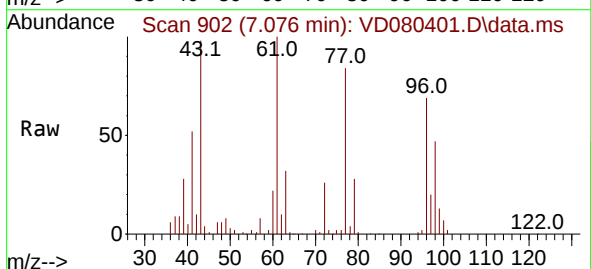
Instrument :
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ClientSampleId :
ICVVD053025

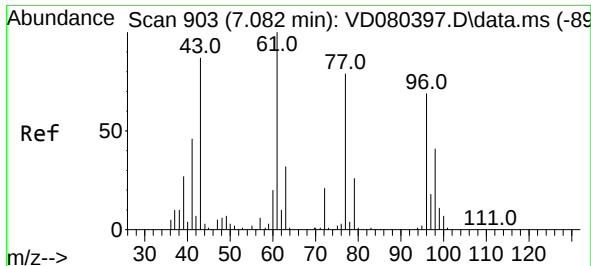
Tgt Ion: 43 Resp: 169007
Ion Ratio Lower Upper
43 100
72 24.2 18.9 28.3



#26
2,2-Dichloropropane
Concen: 54.448 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 77 Resp: 152502
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.5

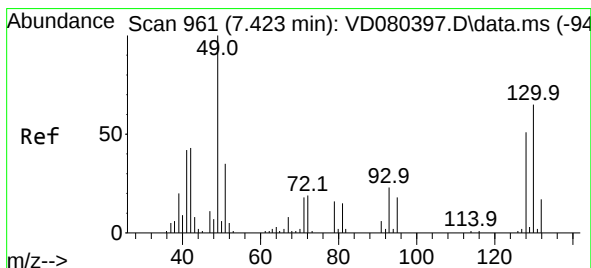
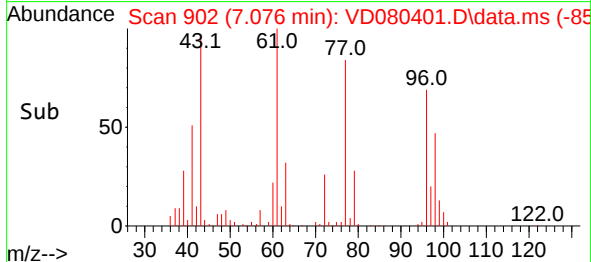
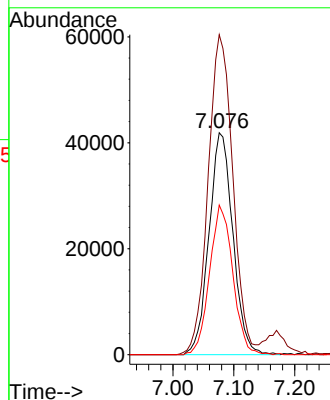
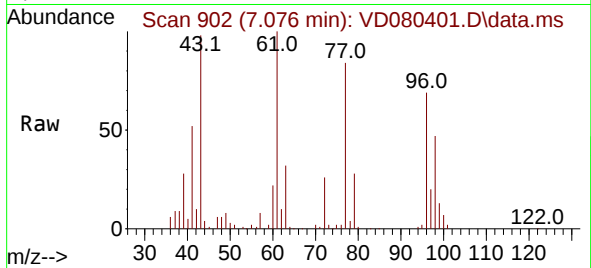




#27
 cis-1,2-Dichloroethene
 Concen: 54.511 ug/l
 RT: 7.076 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

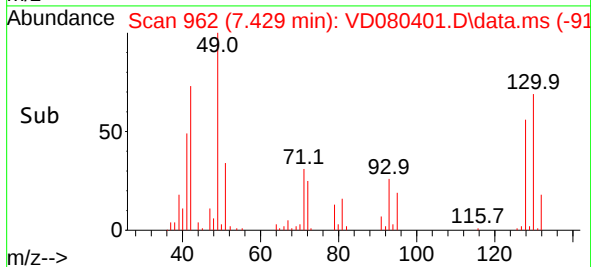
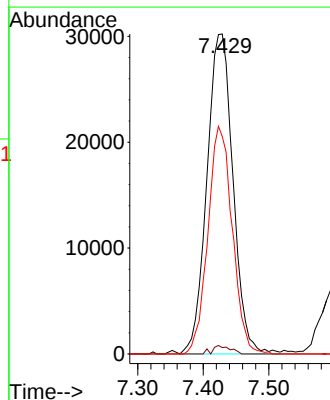
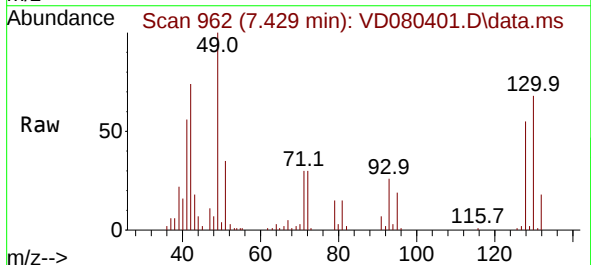
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD053025

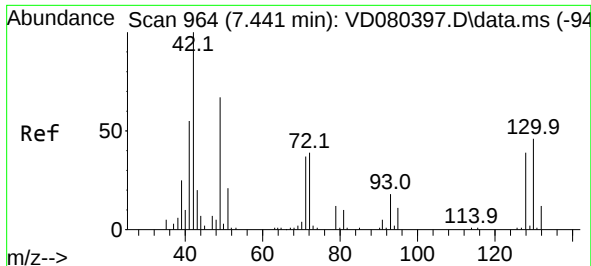
Tgt Ion: 96 Resp: 114436
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 301.4
 98 65.3 0.0 128.2



#28
 Bromochloromethane
 Concen: 50.756 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.006 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

Tgt Ion: 49 Resp: 83722
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 5.6
 130 66.3 54.2 81.4





#29

Tetrahydrofuran

Concen: 280.783 ug/l

RT: 7.447 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD053025

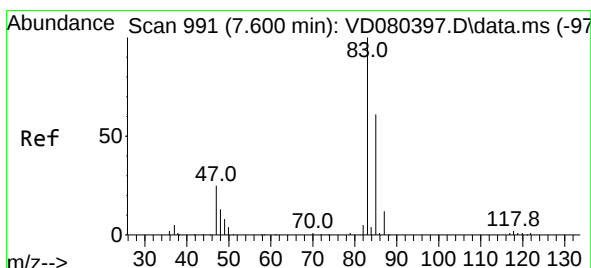
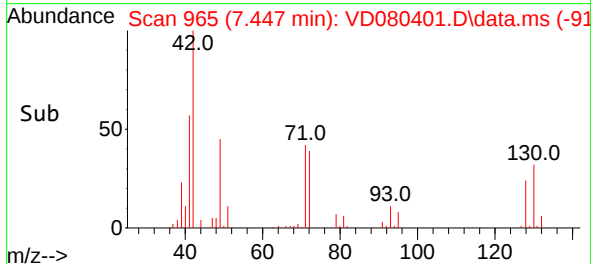
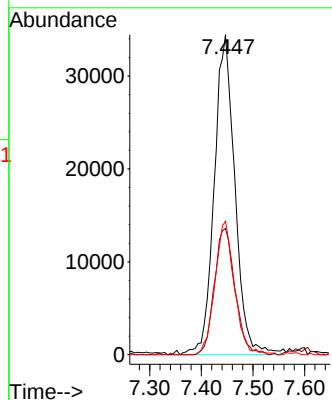
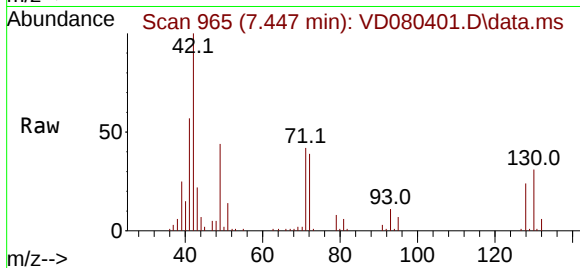
Tgt Ion: 42 Resp: 95767

Ion Ratio Lower Upper

42 100

72 39.6 32.6 49.0

71 39.3 32.0 48.0



#30

Chloroform

Concen: 47.093 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080401.D

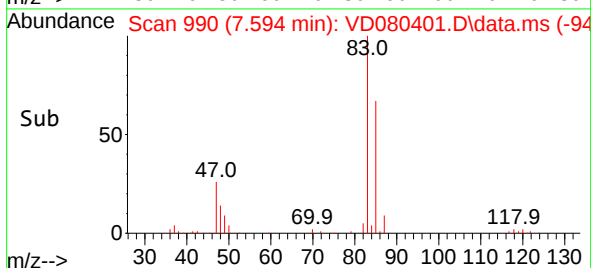
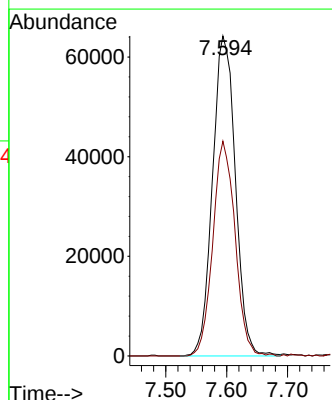
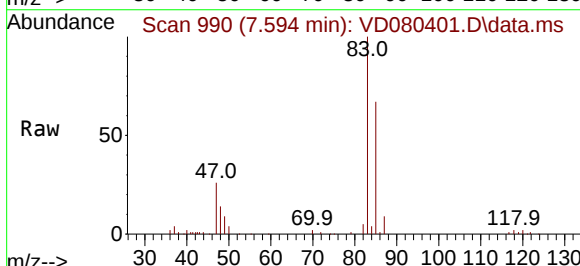
Acq: 30 May 2025 15:21

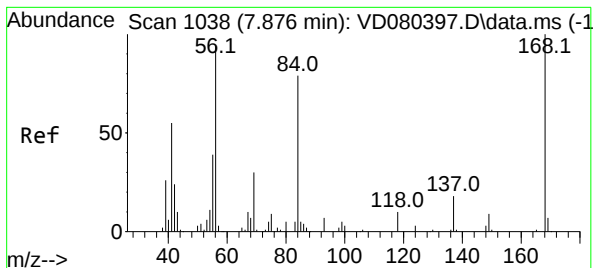
Tgt Ion: 83 Resp: 167585

Ion Ratio Lower Upper

83 100

85 67.1 49.2 73.8





#31

Cyclohexane

Concen: 49.867 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD053025

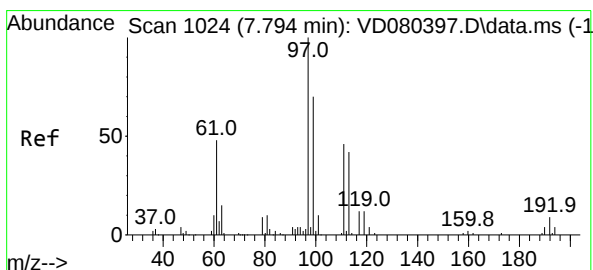
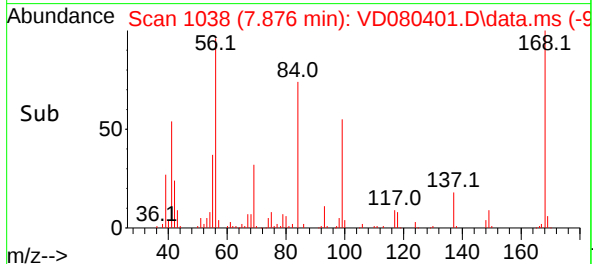
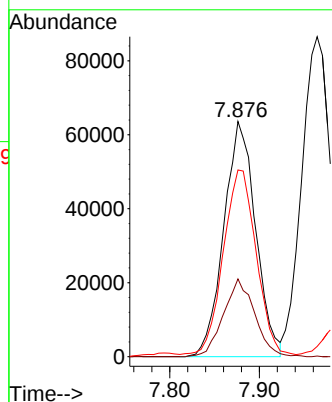
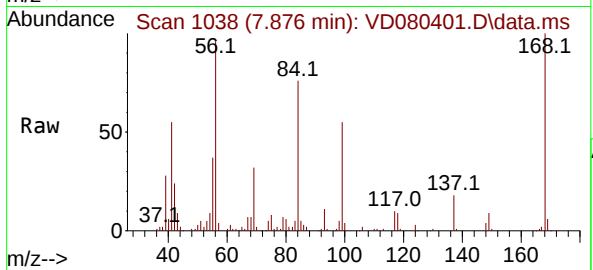
Tgt Ion: 56 Resp: 156748

Ion Ratio Lower Upper

56 100

69 33.1 25.5 38.3

84 78.5 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 50.448 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

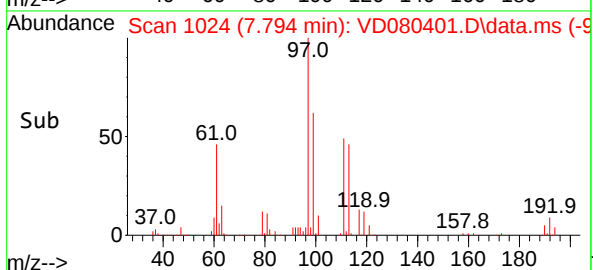
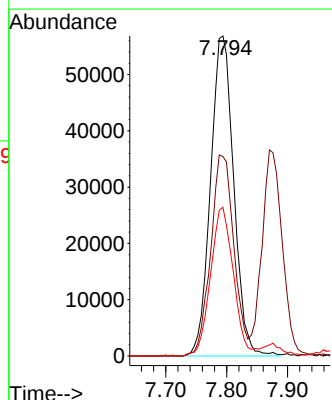
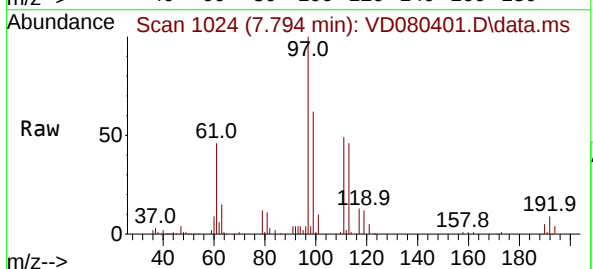
Tgt Ion: 97 Resp: 150287

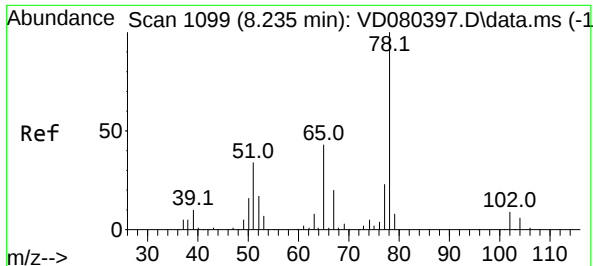
Ion Ratio Lower Upper

97 100

99 62.8 51.5 77.3

61 45.4 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 50.684 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. -0.006 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

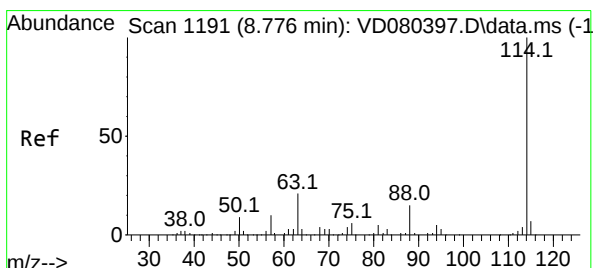
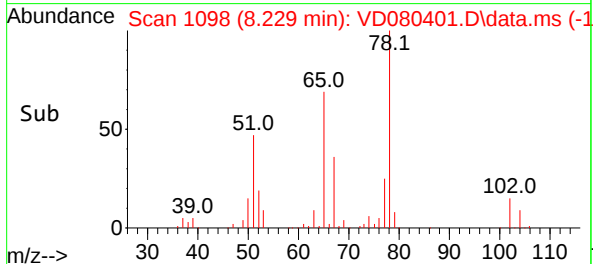
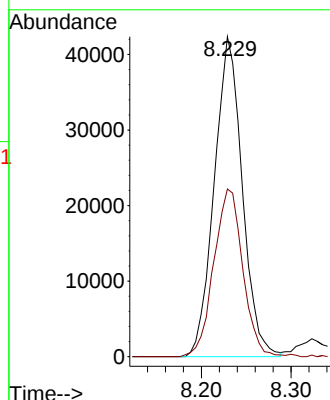
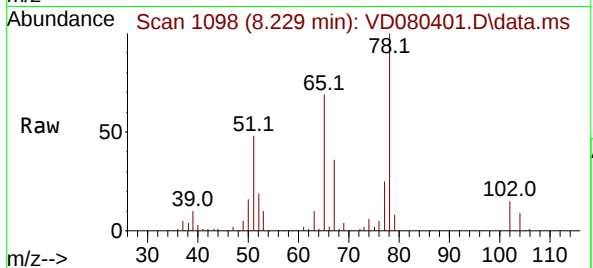
ICVVD053025

Tgt Ion: 65 Resp: 91646

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

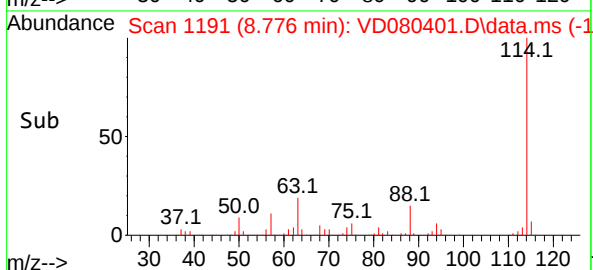
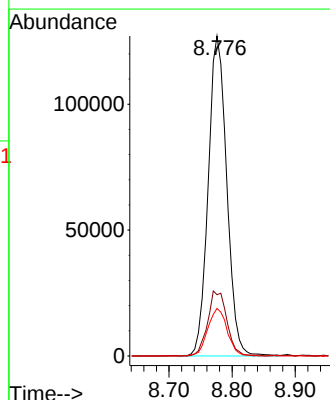
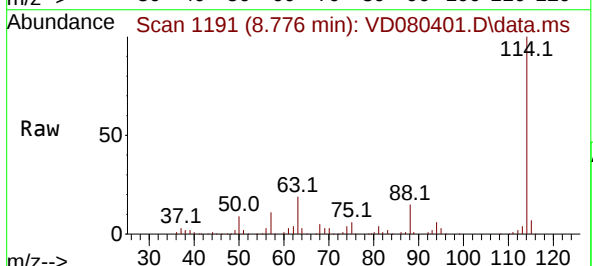
Tgt Ion: 114 Resp: 259371

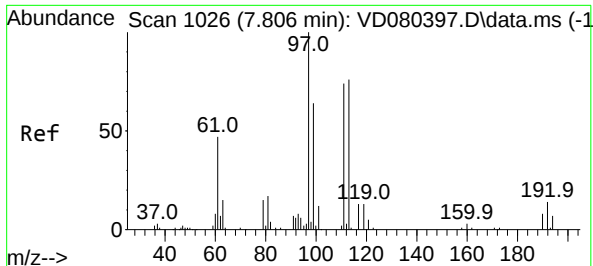
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.884 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD053025

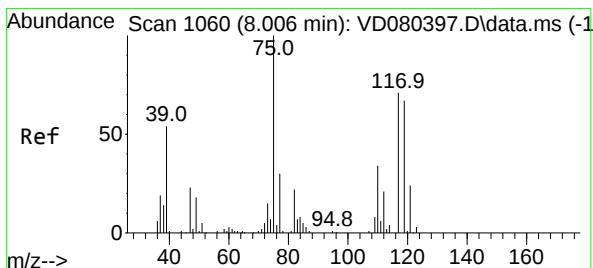
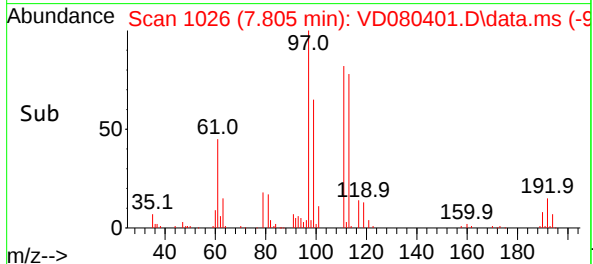
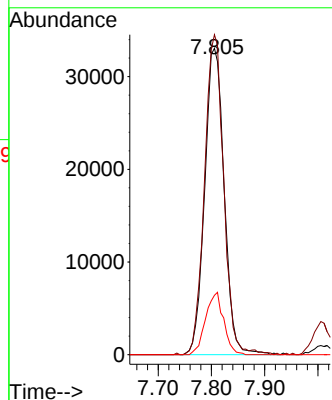
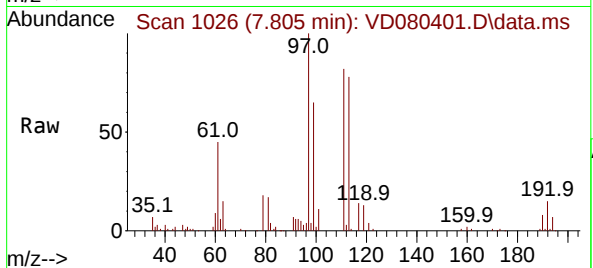
Tgt Ion:113 Resp: 84095

Ion Ratio Lower Upper

113 100

111 103.0 84.2 126.4

192 18.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 50.015 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

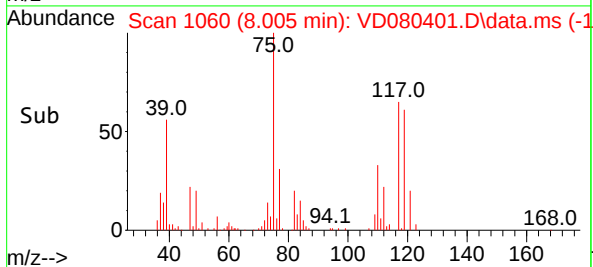
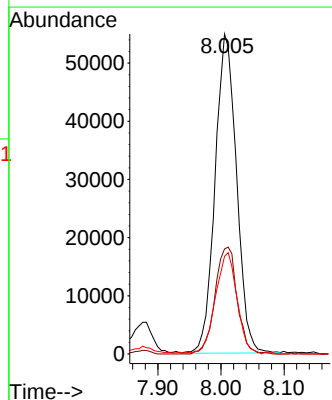
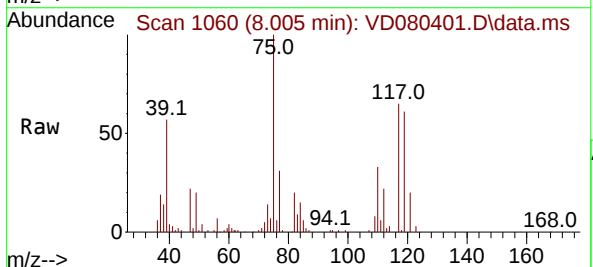
Tgt Ion: 75 Resp: 129592

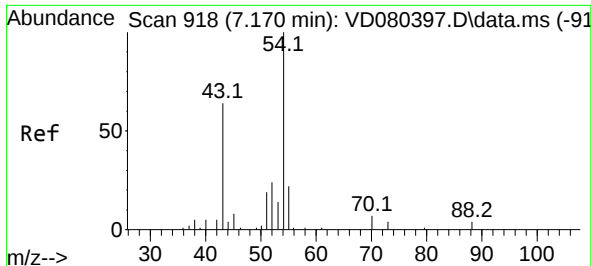
Ion Ratio Lower Upper

75 100

110 34.4 16.9 50.7

77 31.9 25.0 37.6

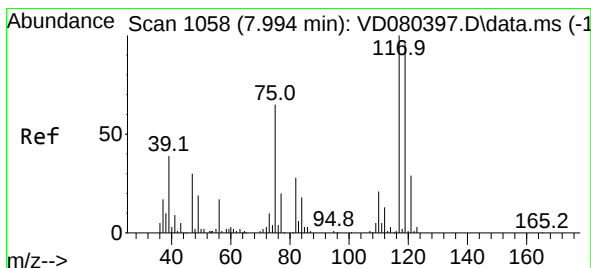
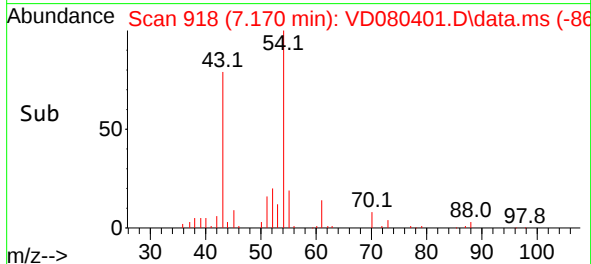
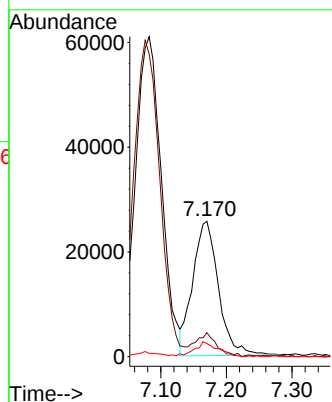
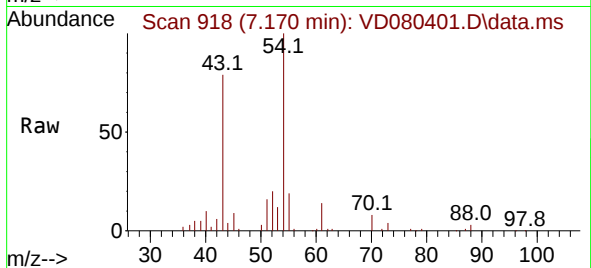




#37
Ethyl Acetate
Concen: 55.410 ug/l
RT: 7.170 min Scan# 918
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

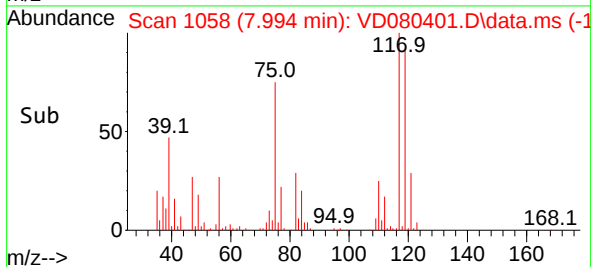
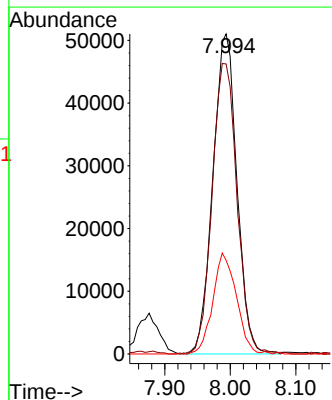
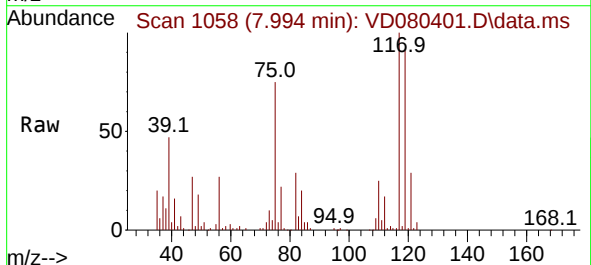
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

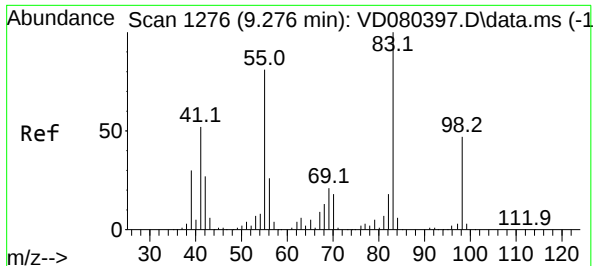
Tgt Ion: 43 Resp: 70320
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 9.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 49.464 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 117 Resp: 129852
Ion Ratio Lower Upper
117 100
119 90.6 77.3 115.9
121 29.3 23.3 34.9





#39

Methylcyclohexane

Concen: 53.966 ug/l

RT: 9.276 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD053025

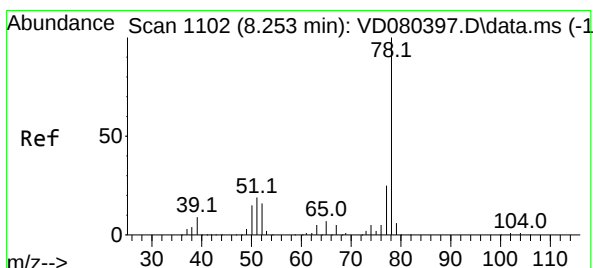
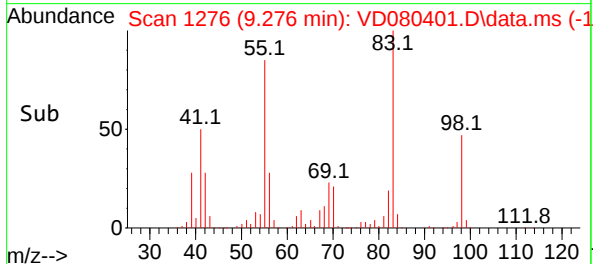
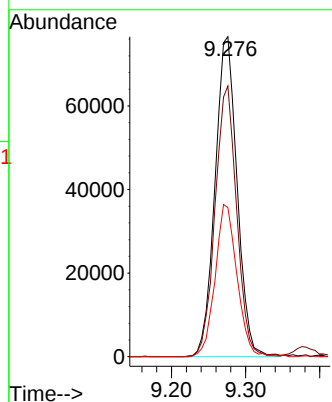
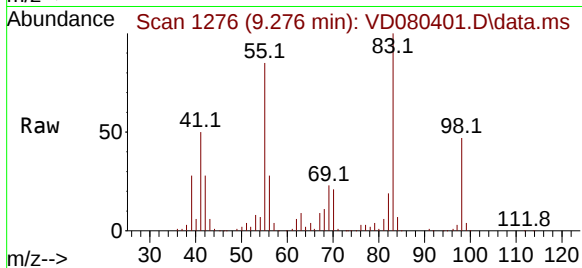
Tgt Ion: 83 Resp: 158587

Ion Ratio Lower Upper

83 100

55 84.6 64.6 97.0

98 46.6 37.5 56.3



#40

Benzene

Concen: 48.515 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080401.D

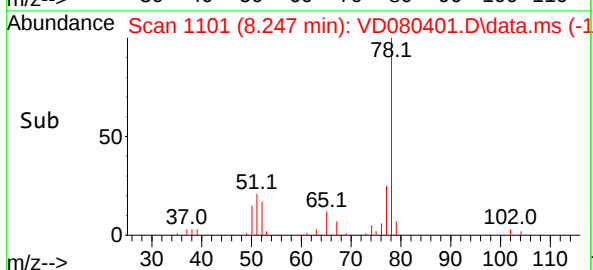
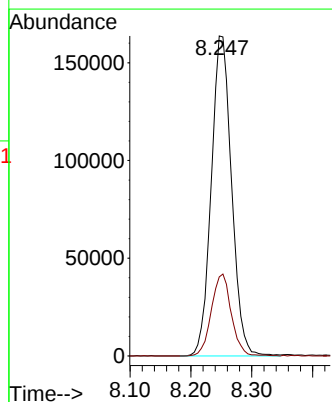
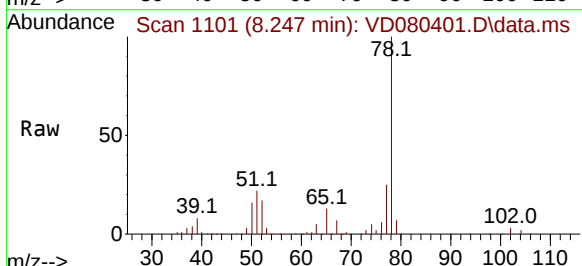
Acq: 30 May 2025 15:21

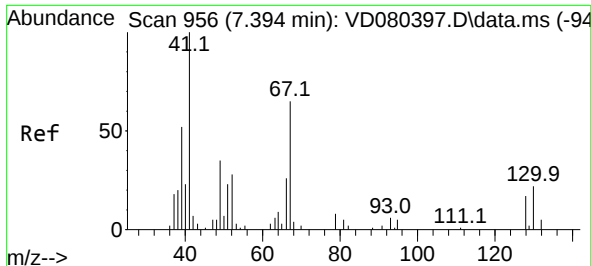
Tgt Ion: 78 Resp: 379753

Ion Ratio Lower Upper

78 100

77 24.7 20.2 30.2

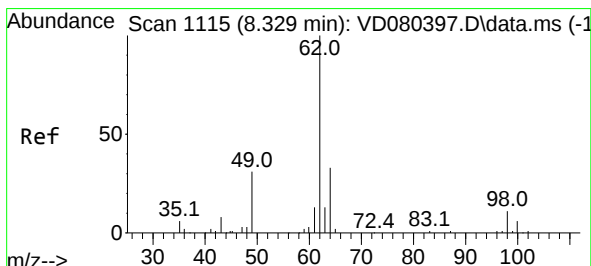
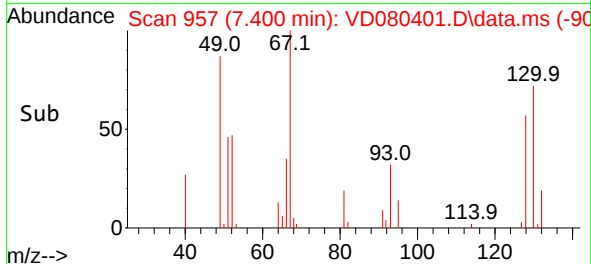
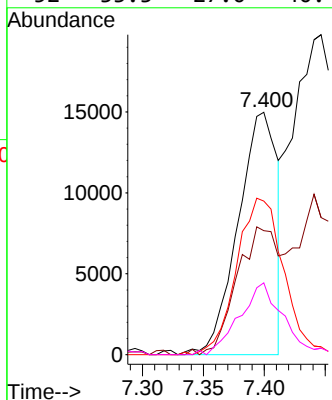
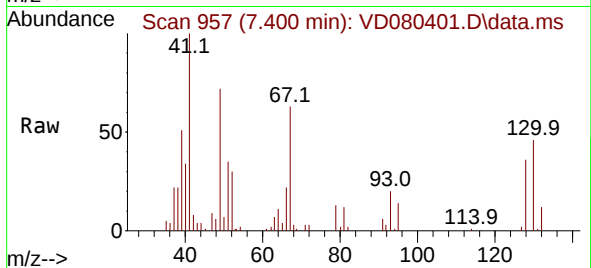




#41
Methacrylonitrile
Concen: 46.567 ug/l
RT: 7.400 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

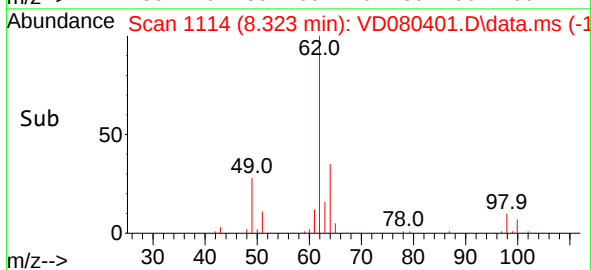
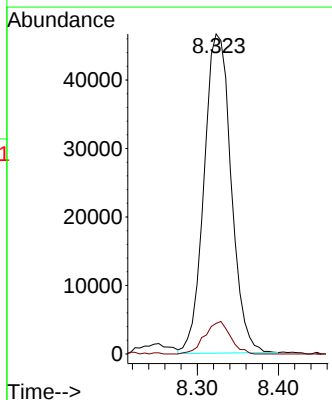
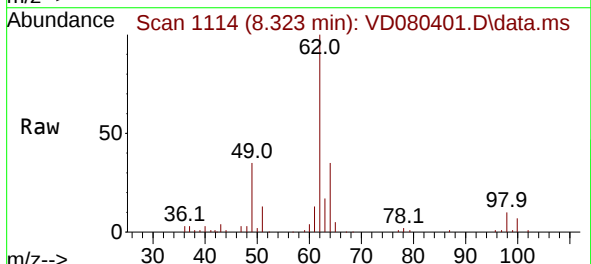
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

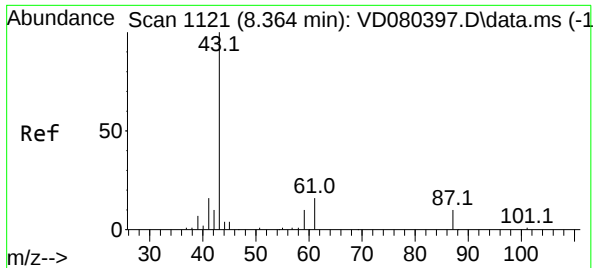
Tgt Ion:	41	Resp:	33329
Ion	Ratio	Lower	Upper
41	100		
39	60.8	51.8	77.8
67	77.8	55.4	83.2
52	33.3	27.0	40.4



#42
1,2-Dichloroethane
Concen: 48.197 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion:	62	Resp:	107929
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8

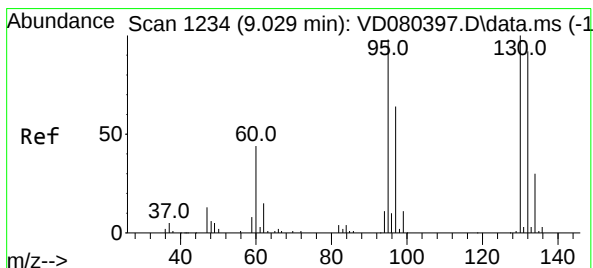
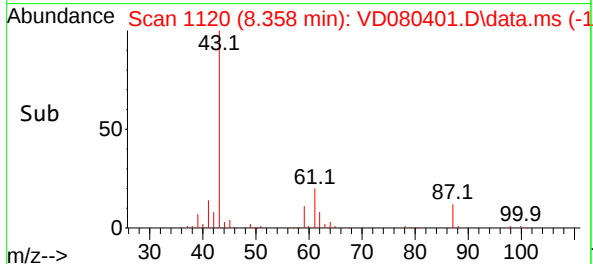
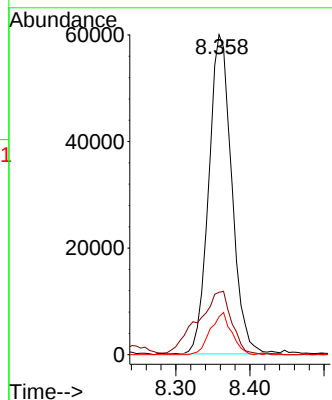
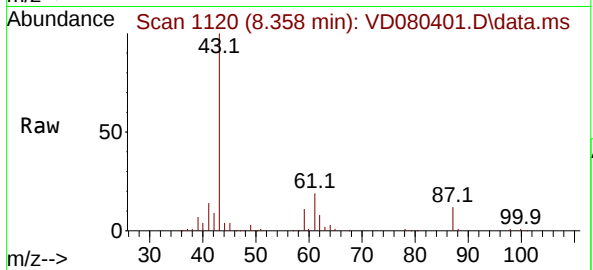




#43
Isopropyl Acetate
Concen: 54.949 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. -0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

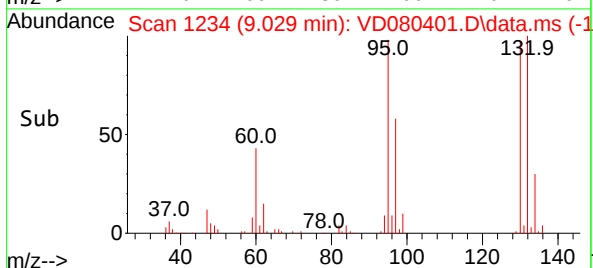
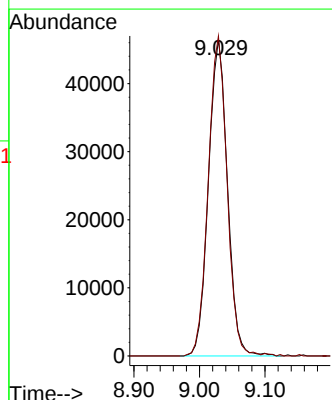
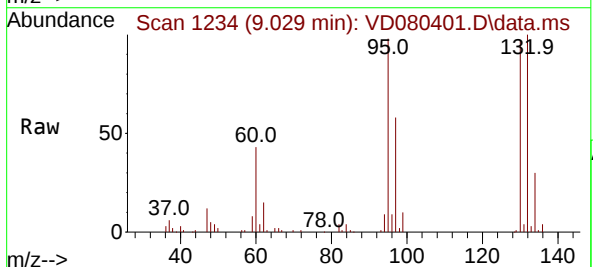
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

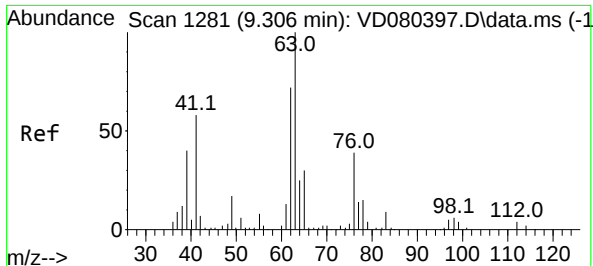
Tgt Ion: 43 Resp: 128976
Ion Ratio Lower Upper
43 100
61 29.7 24.5 36.7
87 12.2 9.8 14.6



#44
Trichloroethene
Concen: 50.932 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion:130 Resp: 93504
Ion Ratio Lower Upper
130 100
95 101.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 48.580 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

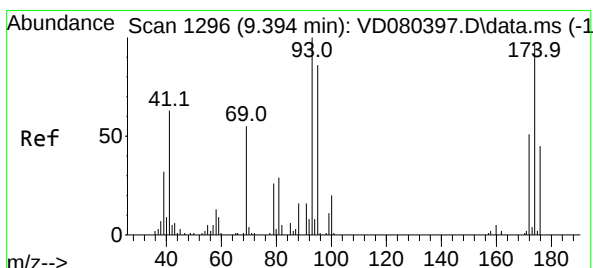
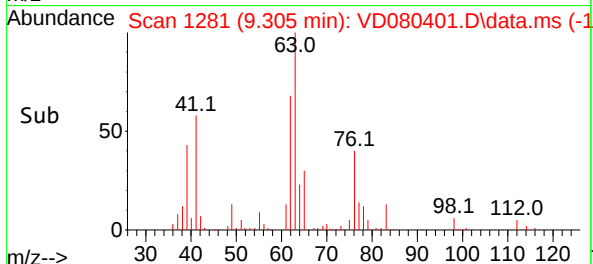
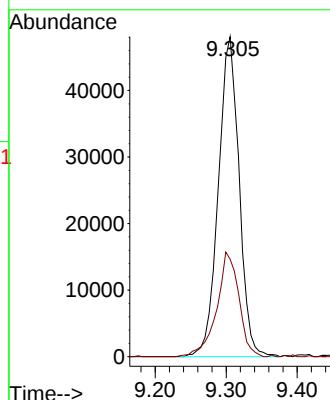
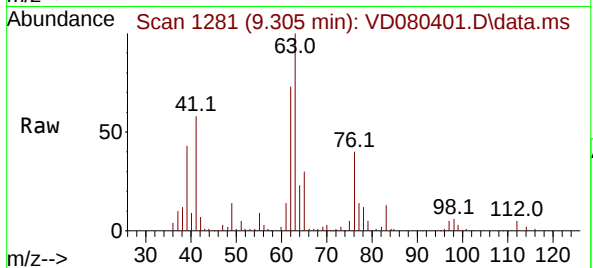
ICVVD053025

Tgt Ion: 63 Resp: 97564

Ion Ratio Lower Upper

63 100

65 30.5 23.9 35.9



#46

Dibromomethane

Concen: 46.232 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

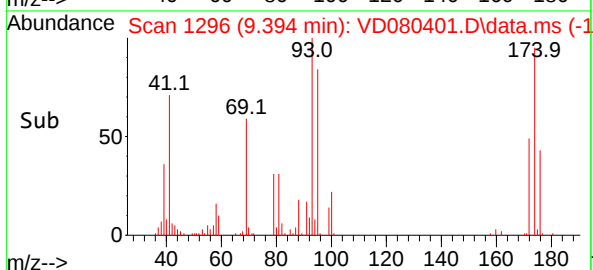
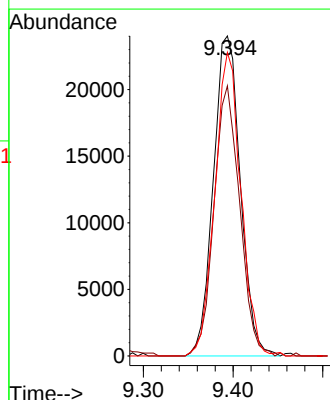
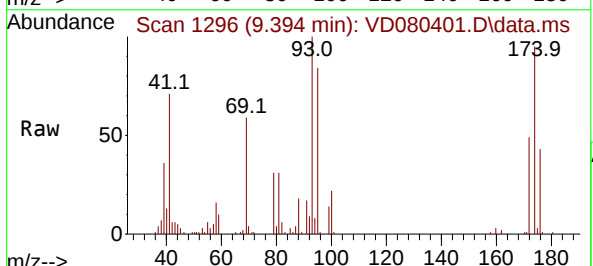
Tgt Ion: 93 Resp: 50271

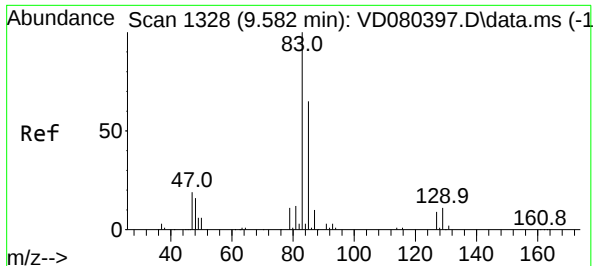
Ion Ratio Lower Upper

93 100

95 80.7 67.4 101.2

174 91.6 73.3 109.9

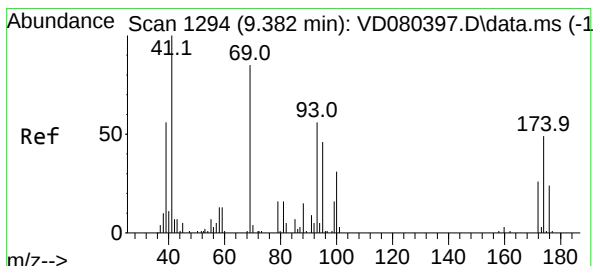
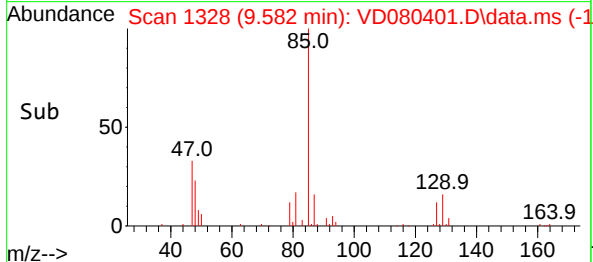
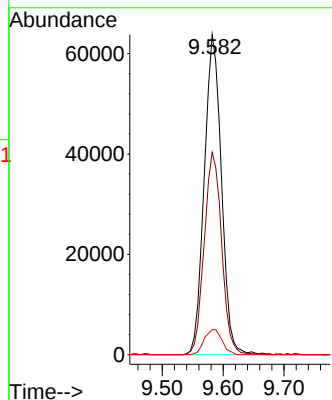
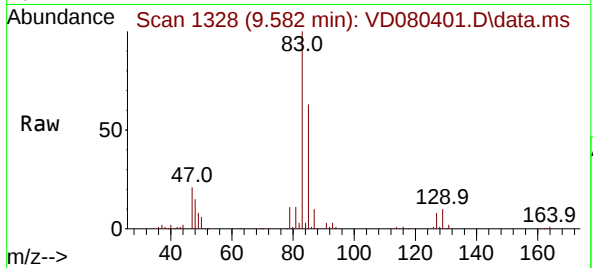




#47
Bromodichloromethane
Concen: 45.463 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

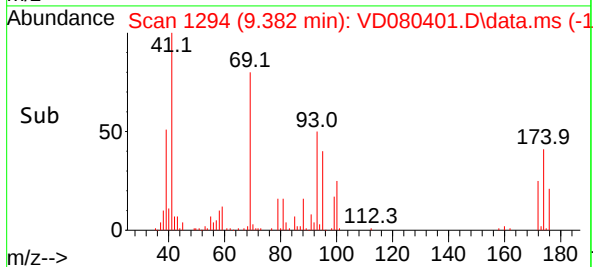
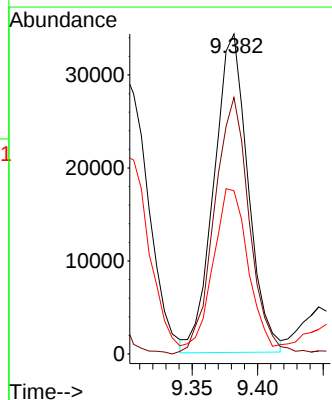
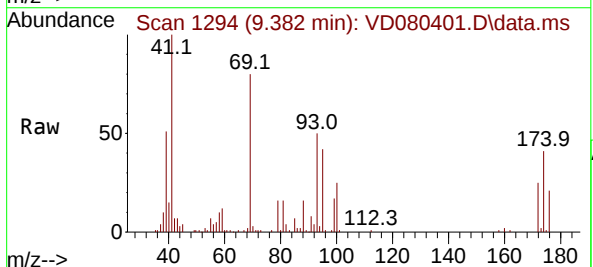
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

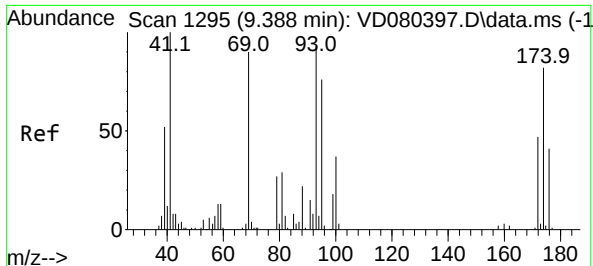
Tgt Ion: 83 Resp: 125153
Ion Ratio Lower Upper
83 100
85 63.2 52.2 78.2
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 54.342 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 41 Resp: 62067
Ion Ratio Lower Upper
41 100
69 82.9 63.8 95.8
39 49.1 40.6 60.8





#49

1,4-Dioxane

Concen: 1111.724 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD053025

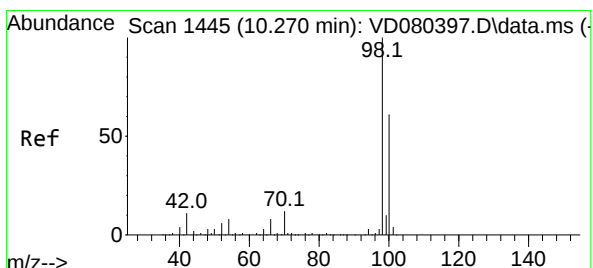
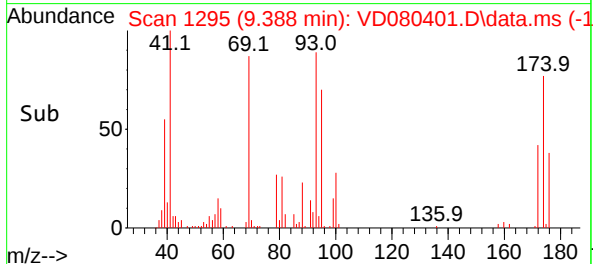
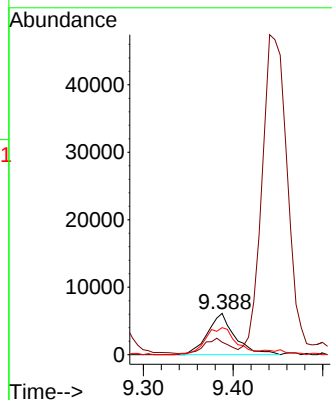
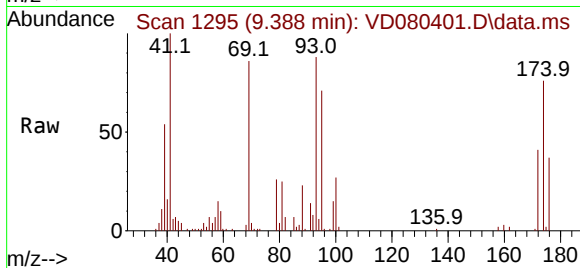
Tgt Ion: 88 Resp: 12846

Ion Ratio Lower Upper

88 100

43 32.2 35.8 53.8#

58 74.5 58.3 87.5



#50

Toluene-d8

Concen: 42.131 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VD080401.D

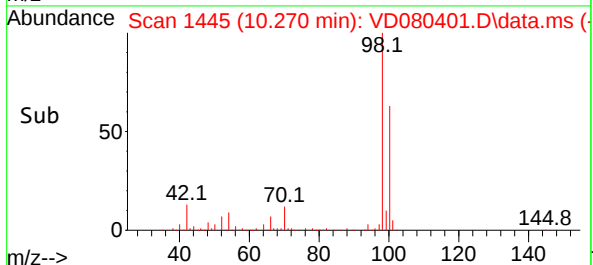
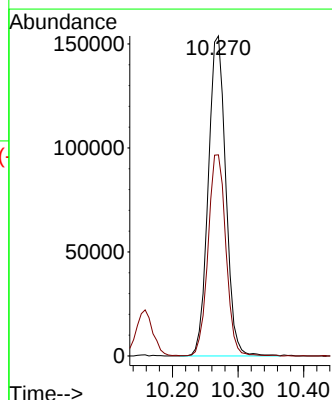
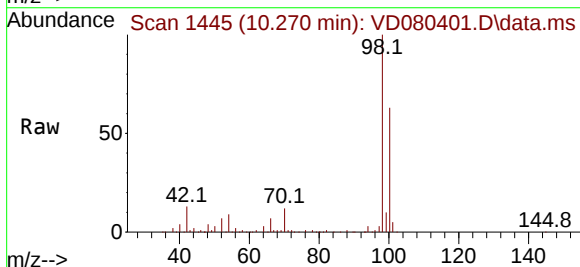
Acq: 30 May 2025 15:21

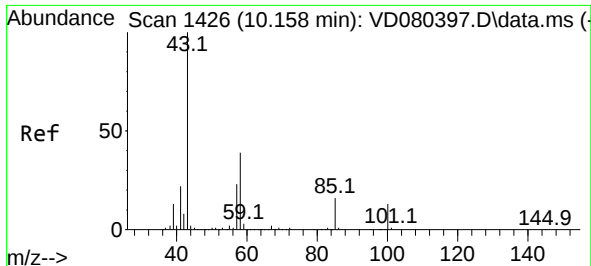
Tgt Ion: 98 Resp: 285776

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

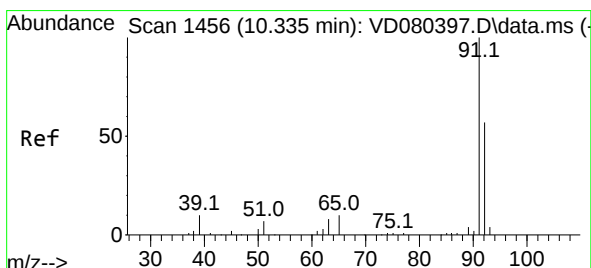
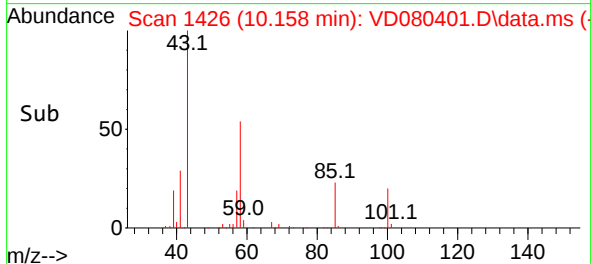
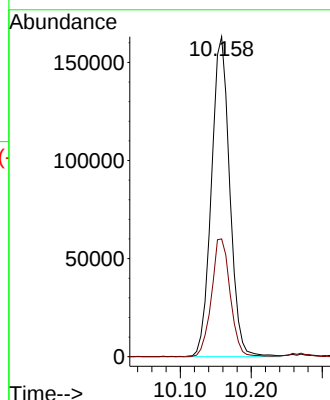
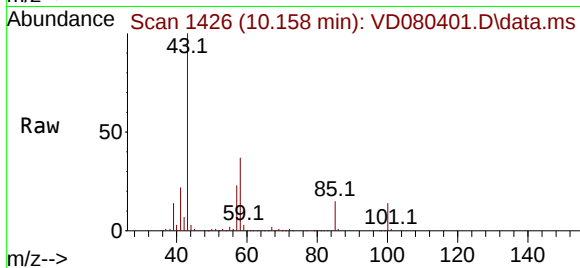




#51
4-Methyl-2-Pentanone
Concen: 235.795 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

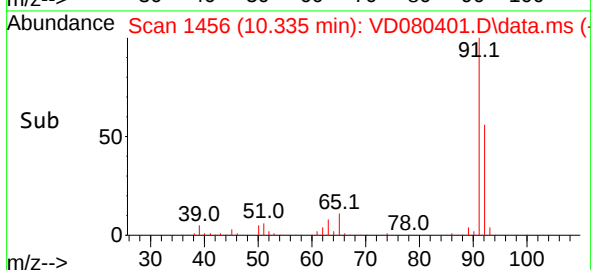
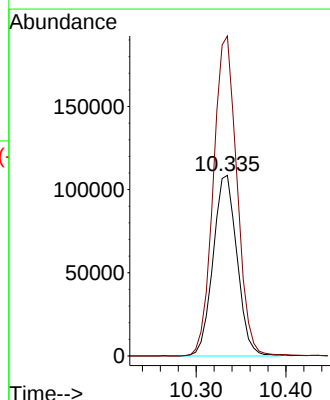
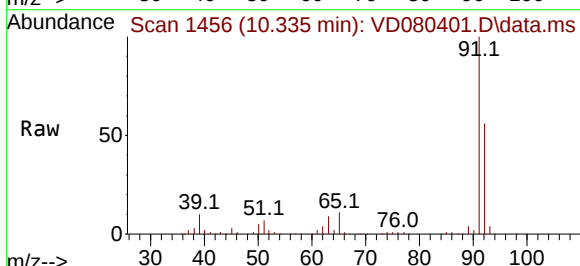
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

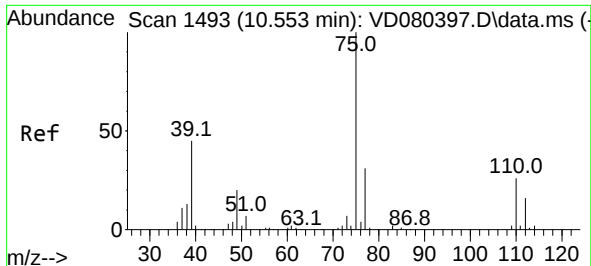
Tgt Ion: 43 Resp: 292081
Ion Ratio Lower Upper
43 100
58 37.6 30.5 45.7



#52
Toluene
Concen: 42.308 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 92 Resp: 200903
Ion Ratio Lower Upper
92 100
91 175.6 142.5 213.7

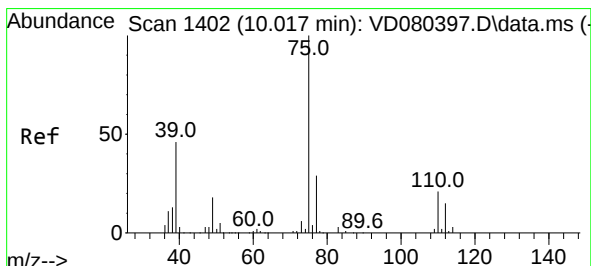
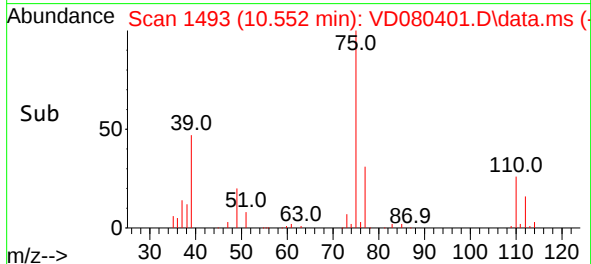
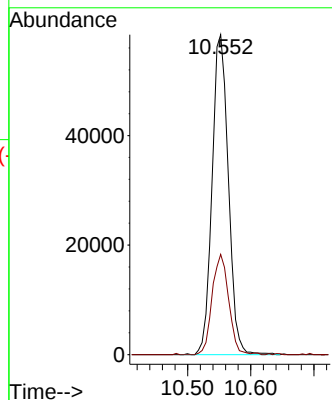
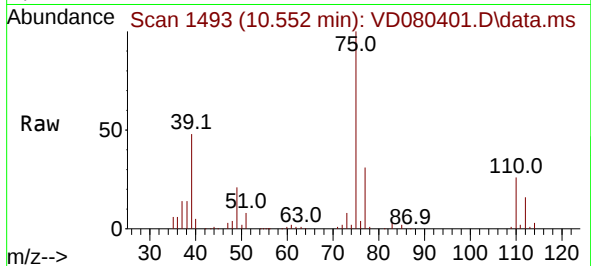




#53
 t-1,3-Dichloropropene
 Concen: 41.150 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

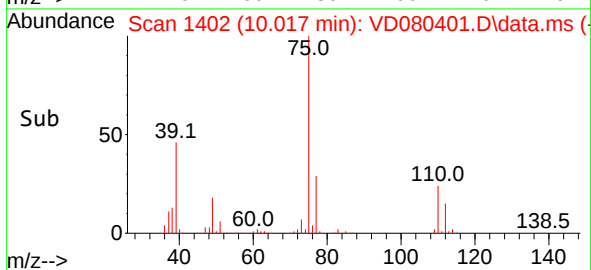
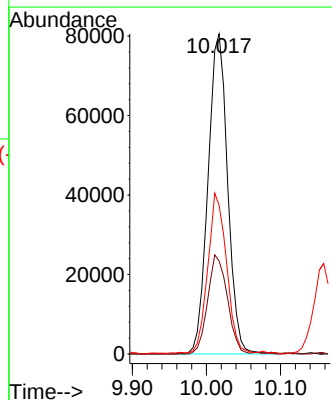
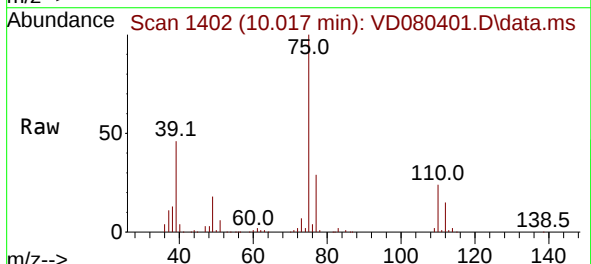
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD053025

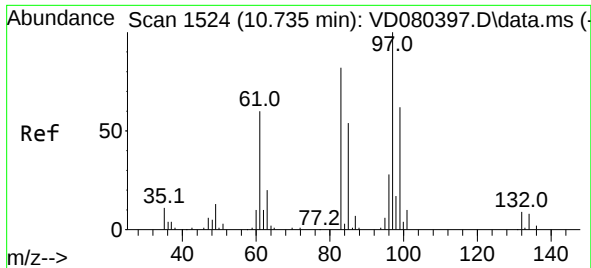
Tgt Ion: 75 Resp: 104496
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.038 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. -0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

Tgt Ion: 75 Resp: 148437
 Ion Ratio Lower Upper
 75 100
 77 29.1 23.3 34.9
 39 46.4 36.5 54.7

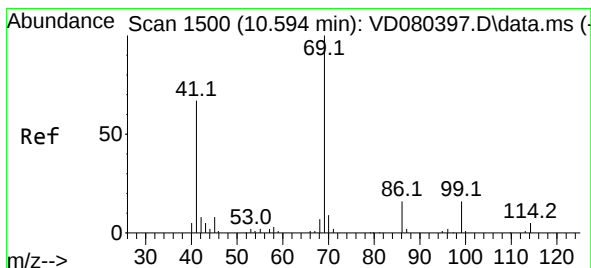
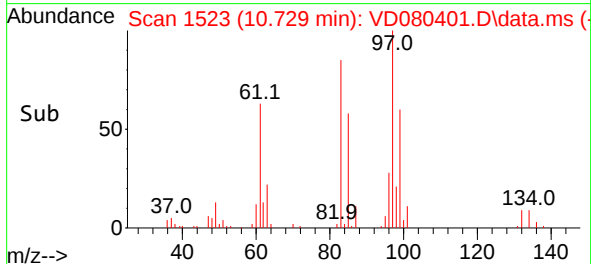
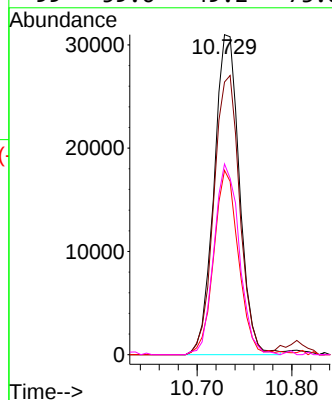
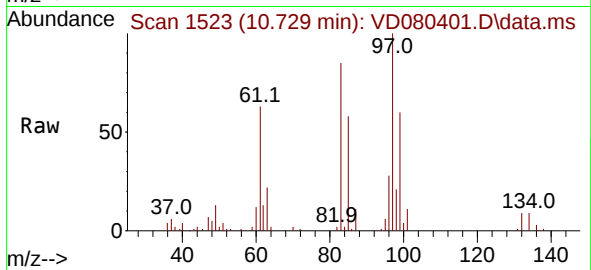




#55
 1,1,2-Trichloroethane
 Concen: 39.748 ug/l
 RT: 10.729 min Scan# 1523
 Delta R.T. -0.006 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

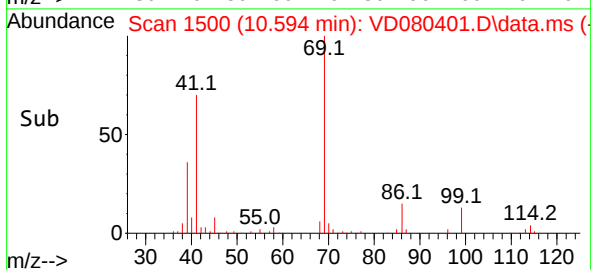
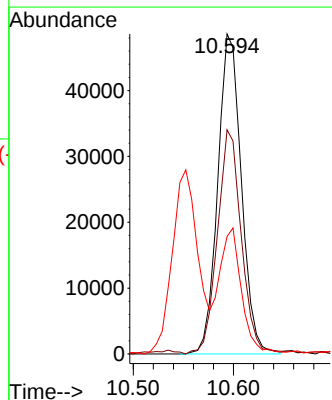
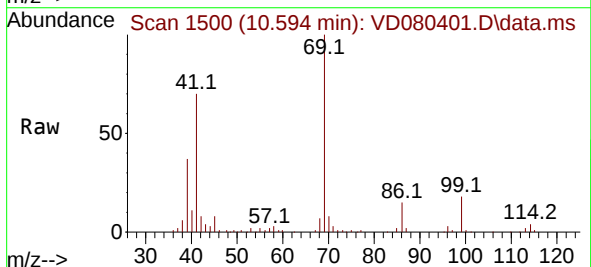
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD053025

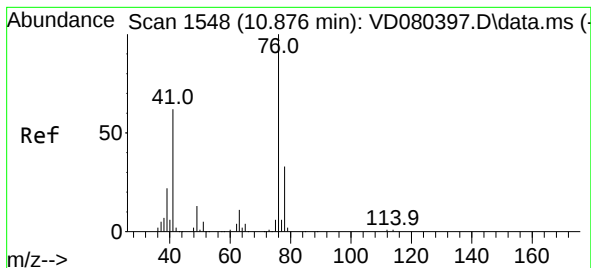
Tgt Ion: 97	Resp: 57798
Ion Ratio	Lower Upper
97 100	
83 85.2	65.5 98.3
85 57.6	43.2 64.8
99 59.6	49.2 73.8



#56
 Ethyl methacrylate
 Concen: 39.416 ug/l
 RT: 10.594 min Scan# 1500
 Delta R.T. -0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

Tgt Ion: 69	Resp: 79289
Ion Ratio	Lower Upper
69 100	
41 71.6	54.4 81.6
39 36.4	28.0 42.0





#57

1,3-Dichloropropane

Concen: 40.457 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

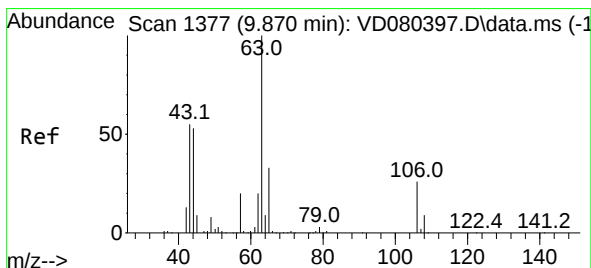
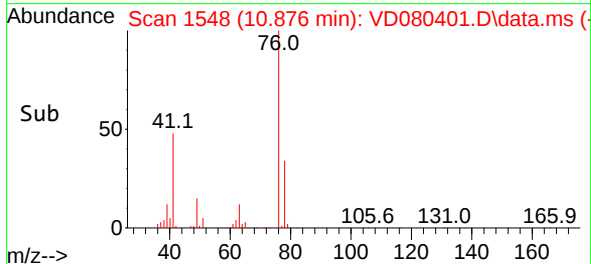
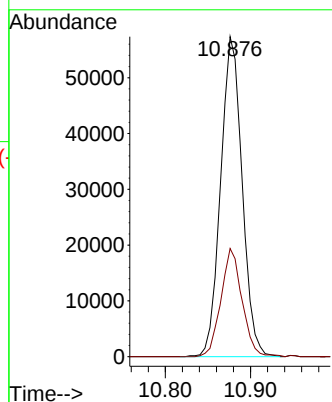
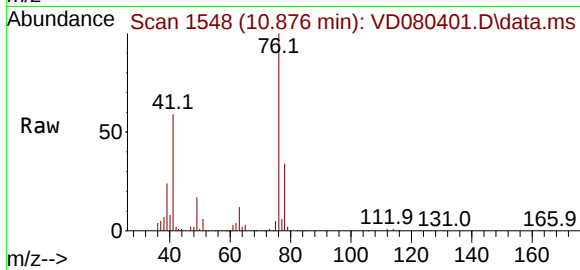
ICVVD053025

Tgt Ion: 76 Resp: 100517

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 279.982 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080401.D

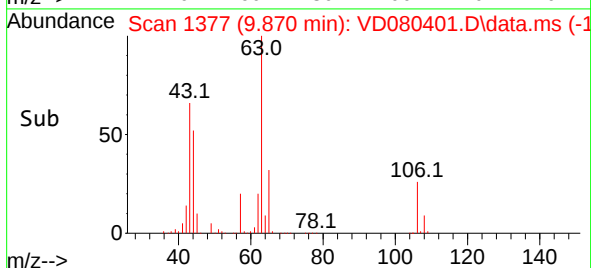
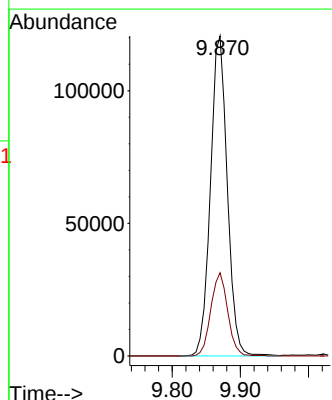
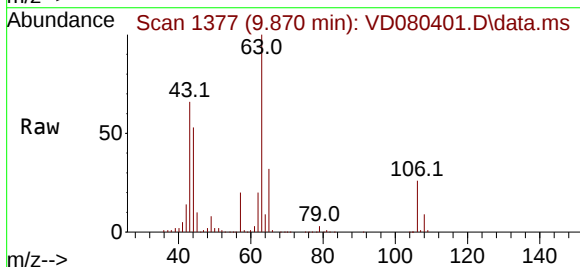
Acq: 30 May 2025 15:21

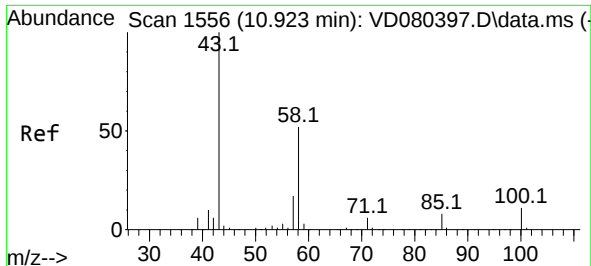
Tgt Ion: 63 Resp: 207495

Ion Ratio Lower Upper

63 100

106 26.0 20.7 31.1

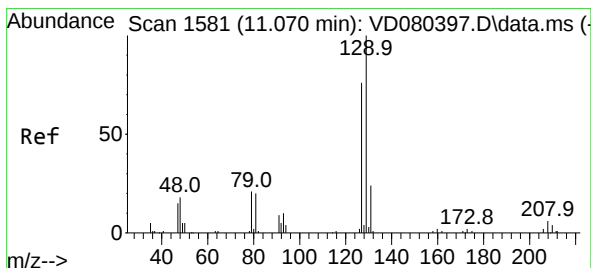
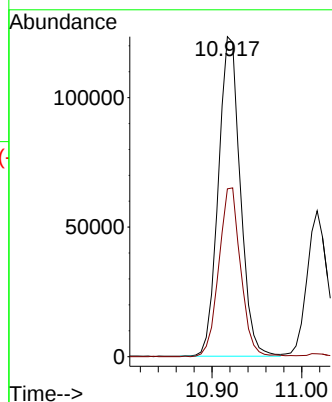
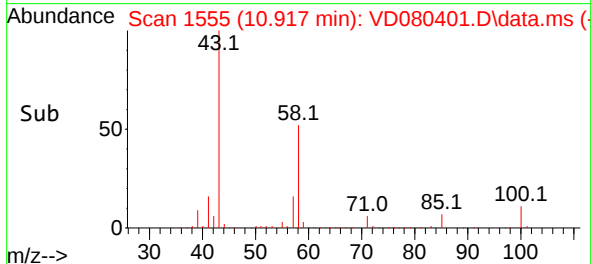
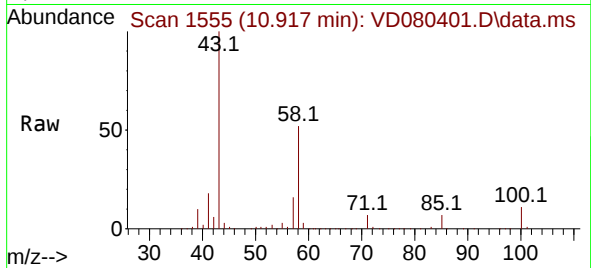




#59
2-Hexanone
Concen: 250.260 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

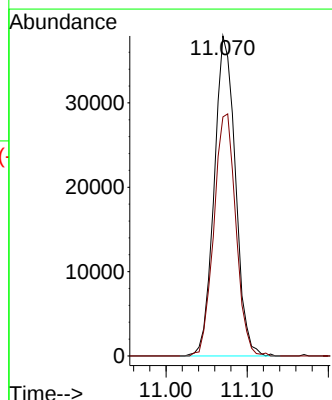
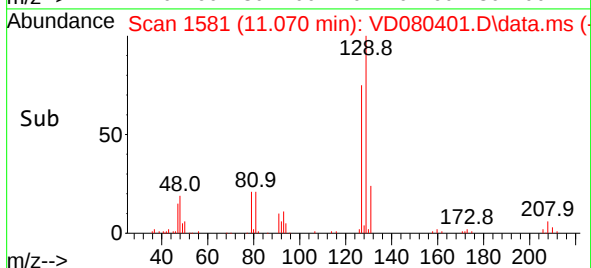
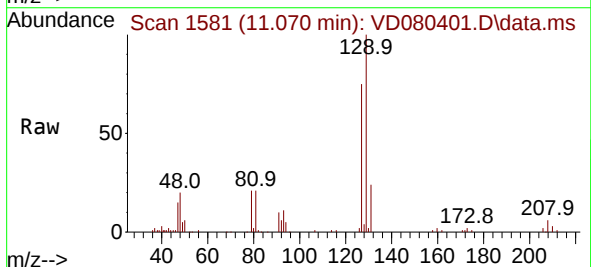
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

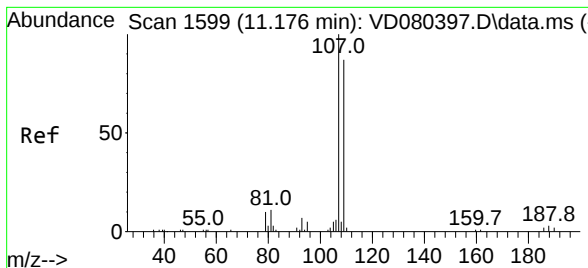
Tgt Ion: 43 Resp: 209774
Ion Ratio Lower Upper
43 100
58 52.7 25.8 77.4



#60
Dibromochloromethane
Concen: 38.876 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion:129 Resp: 68942
Ion Ratio Lower Upper
129 100
127 78.2 38.0 113.9

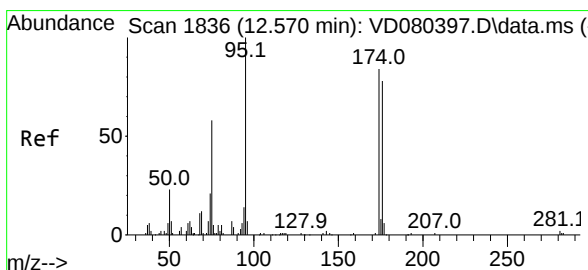
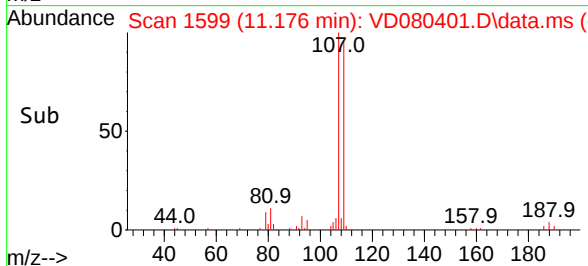
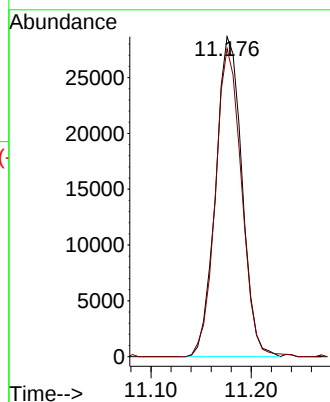
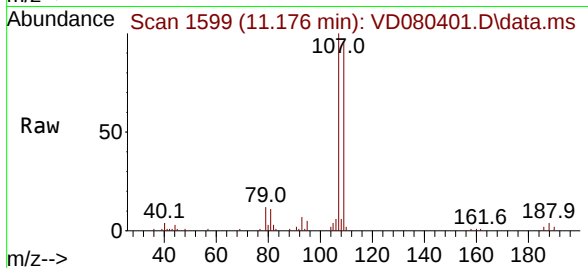




#61
1,2-Dibromoethane
Concen: 39.973 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

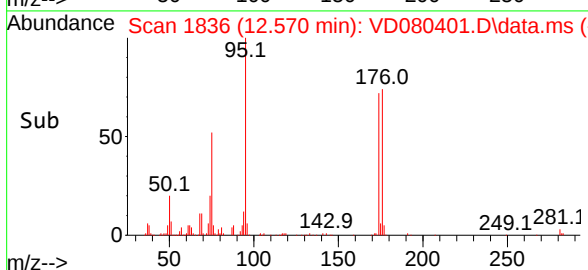
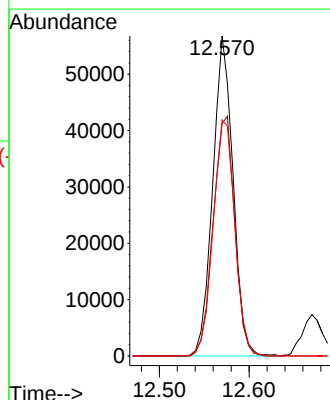
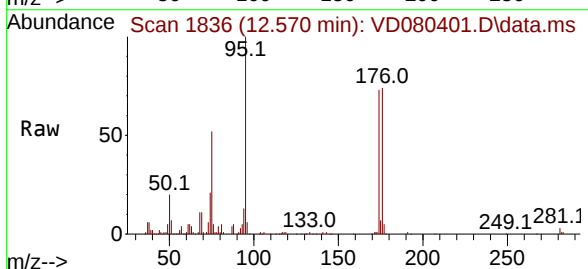
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

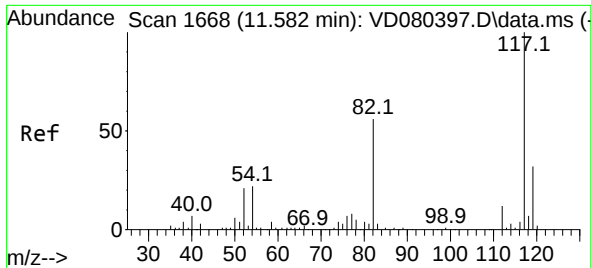
Tgt Ion:107 Resp: 52129
Ion Ratio Lower Upper
107 100
109 95.8 72.6 108.8



#62
4-Bromofluorobenzene
Concen: 42.914 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 95 Resp: 89099
Ion Ratio Lower Upper
95 100
174 79.6 0.0 164.8
176 78.8 0.0 158.4

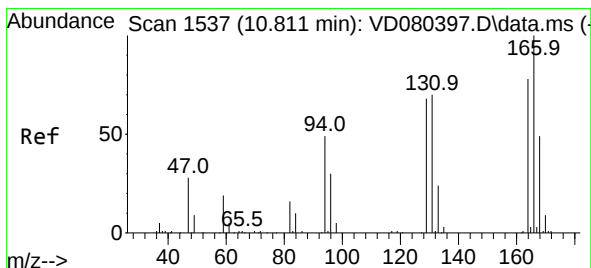
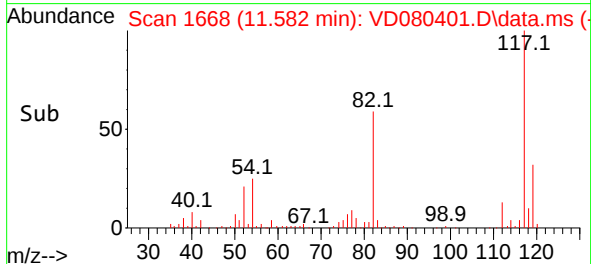
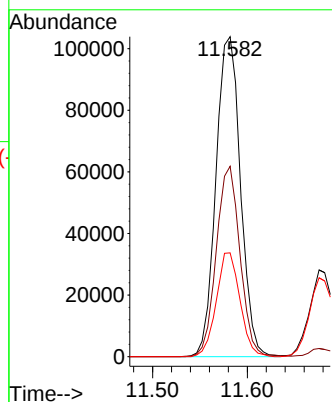
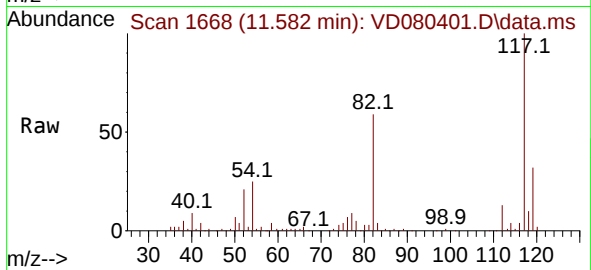




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

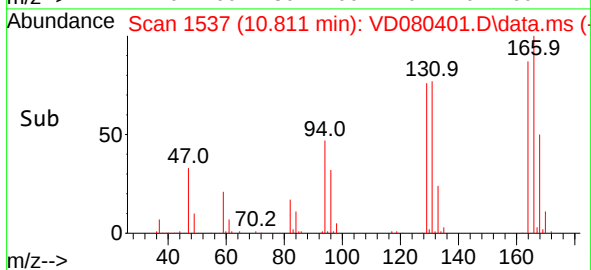
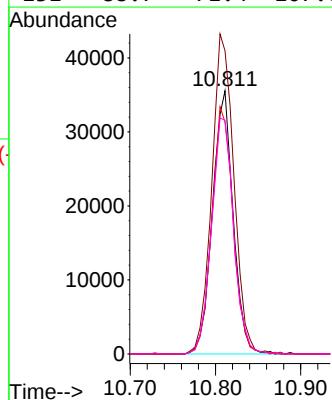
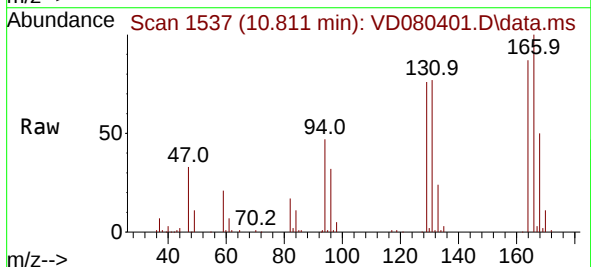
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

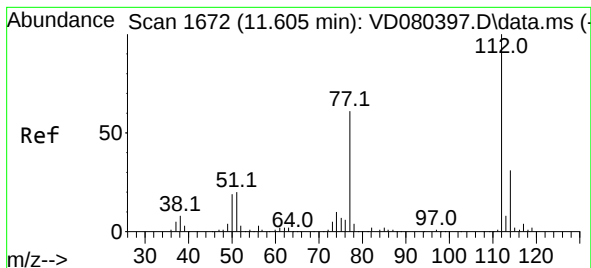
Tgt Ion:117 Resp: 187200
Ion Ratio Lower Upper
117 100
82 59.5 45.0 67.4
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 47.519 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion:164 Resp: 59938
Ion Ratio Lower Upper
164 100
166 115.2 102.0 153.0
129 88.0 69.8 104.8
131 88.7 71.4 107.0





#65

Chlorobenzene

Concen: 50.240 ug/l

RT: 11.605 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

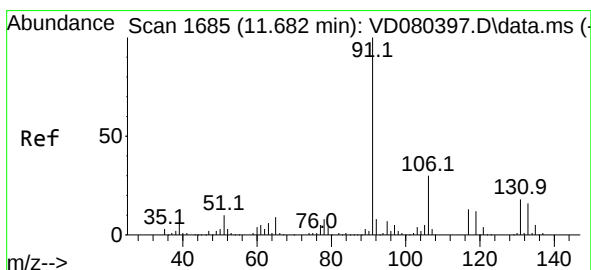
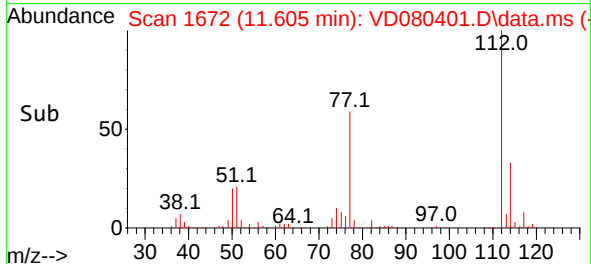
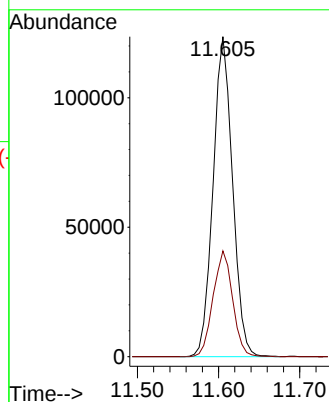
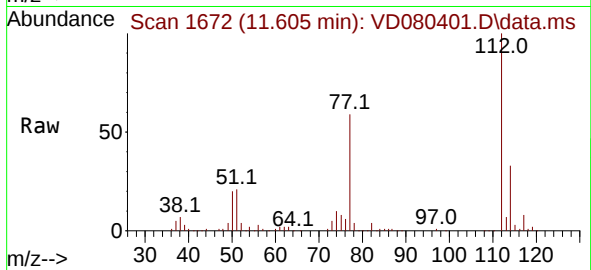
ICVVD053025

Tgt Ion:112 Resp: 206145

Ion Ratio Lower Upper

112 100

114 33.1 24.6 36.8



#66

1,1,1,2-Tetrachloroethane

Concen: 48.266 ug/l

RT: 11.676 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

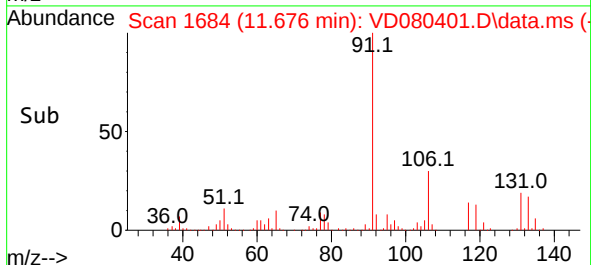
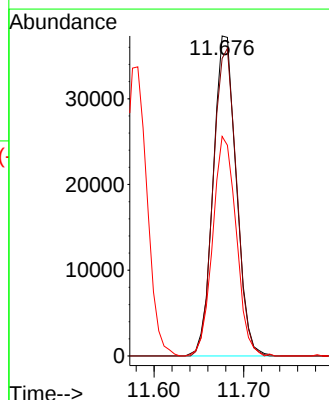
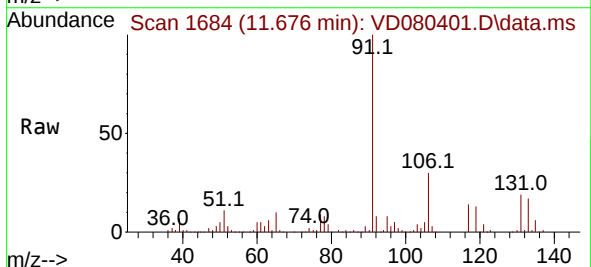
Tgt Ion:131 Resp: 66766

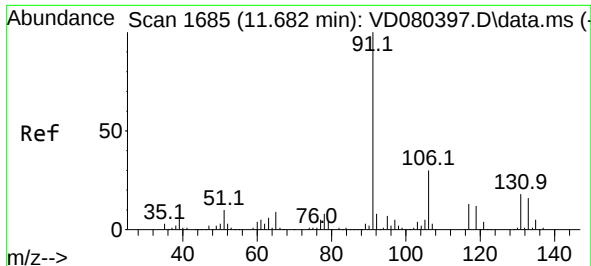
Ion Ratio Lower Upper

131 100

133 96.9 47.3 141.8

119 69.8 33.8 101.4

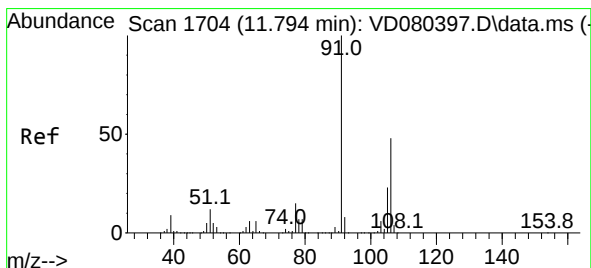
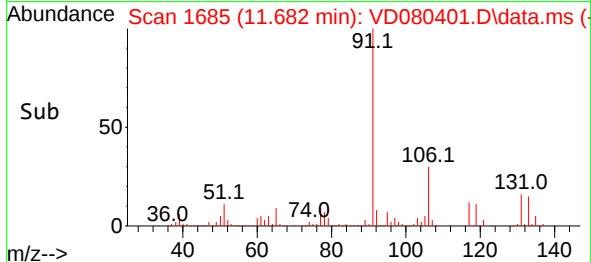
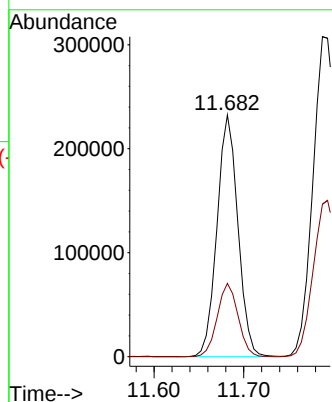
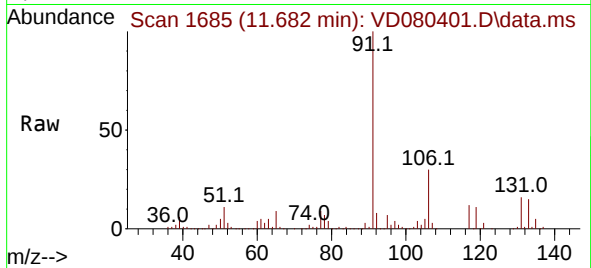




#67
Ethyl Benzene
Concen: 54.265 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

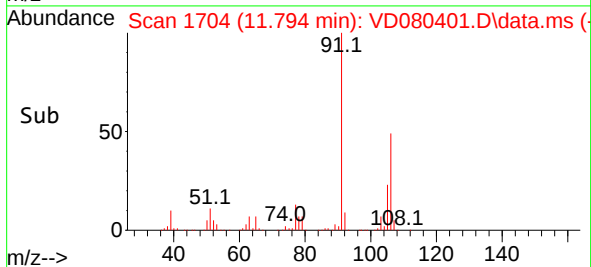
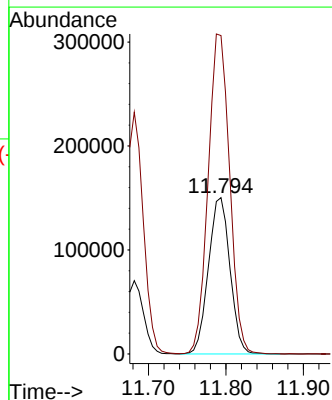
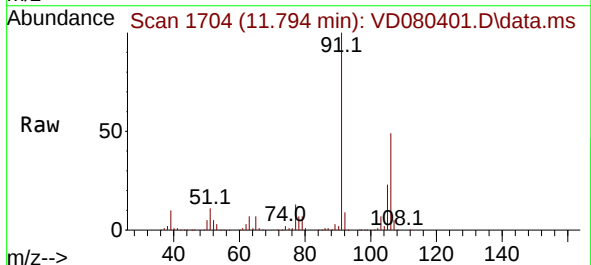
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

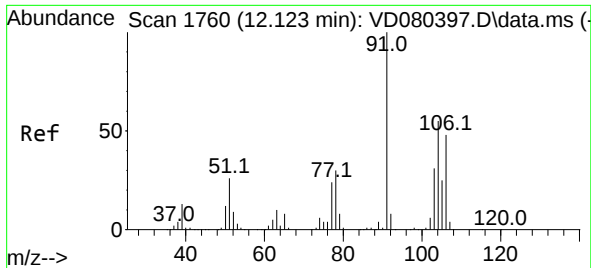
Tgt Ion: 91 Resp: 375812
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 106.930 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 106 Resp: 290023
Ion Ratio Lower Upper
106 100
91 204.6 164.6 247.0

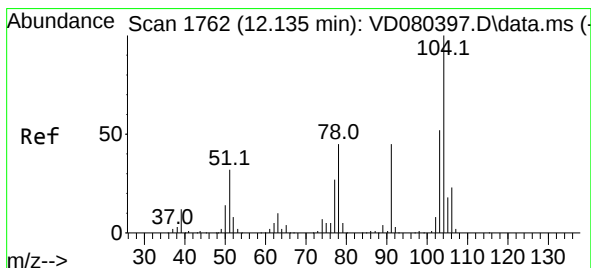
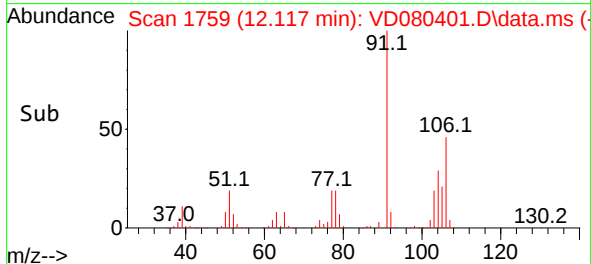
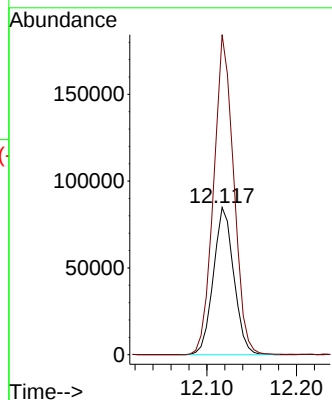
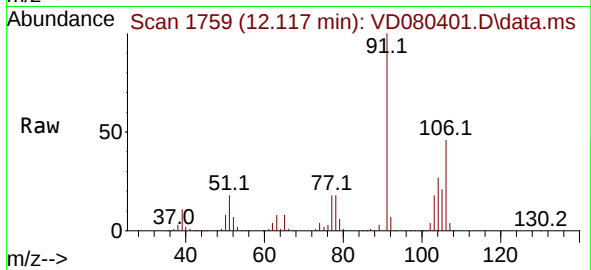




#69
o-Xylene
Concen: 53.146 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

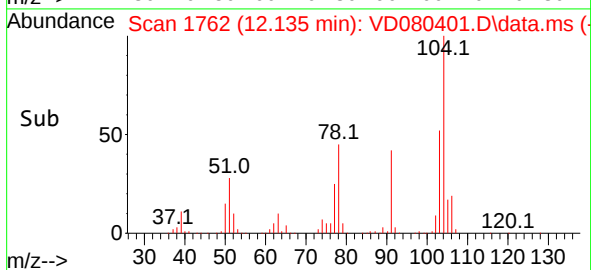
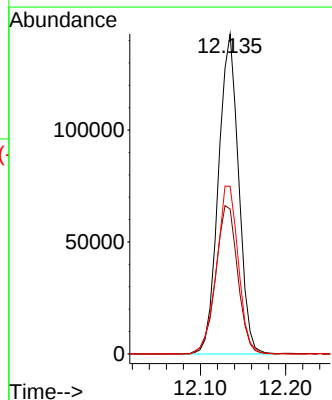
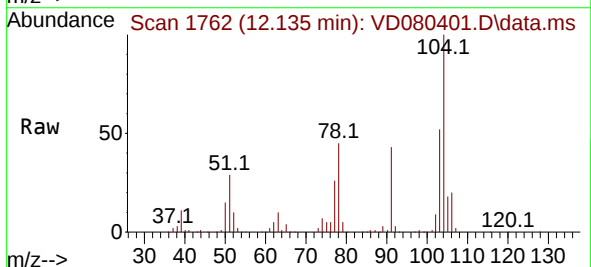
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

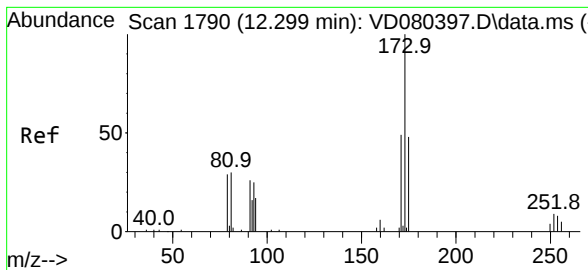
Tgt Ion:106 Resp: 134190
Ion Ratio Lower Upper
106 100
91 213.8 108.0 324.0



#70
Styrene
Concen: 52.942 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion:104 Resp: 235681
Ion Ratio Lower Upper
104 100
78 50.6 39.6 59.4
103 56.5 44.4 66.6

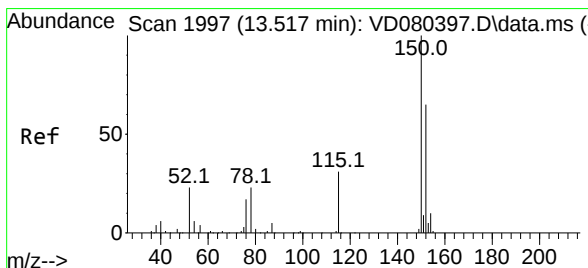
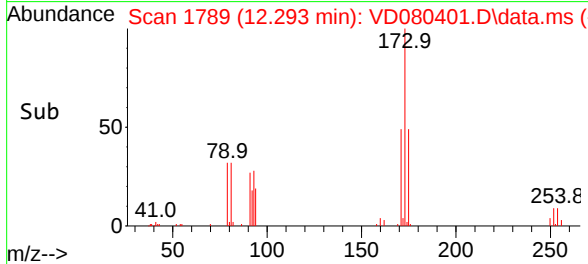
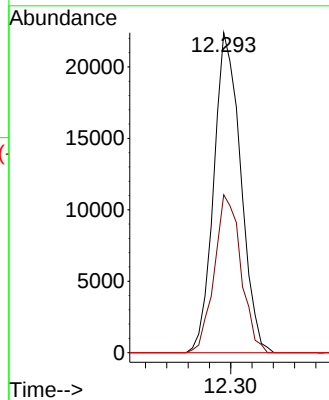
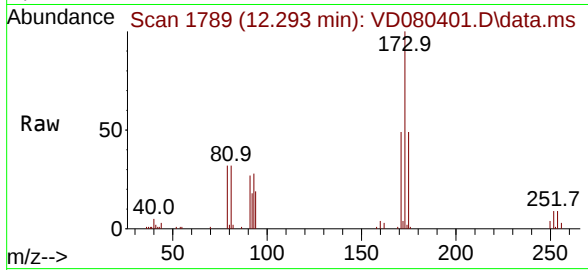




#71
Bromoform
Concen: 51.296 ug/l
RT: 12.293 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

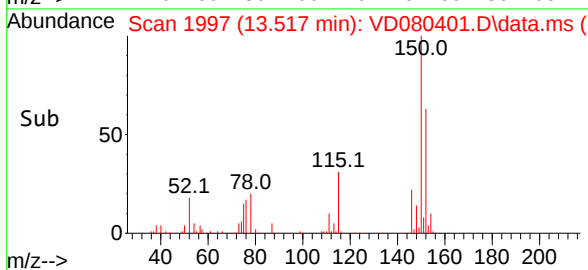
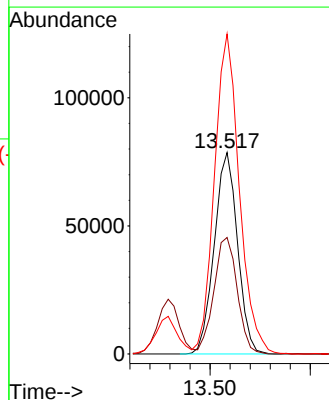
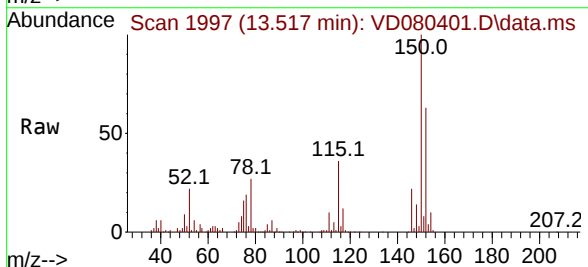
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

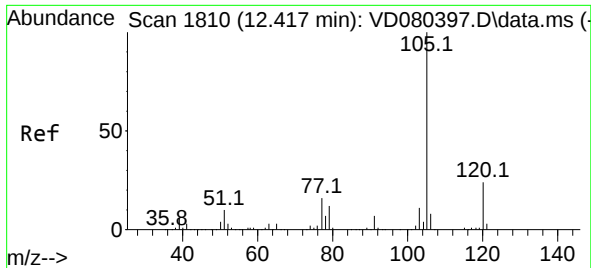
Tgt Ion:173 Resp: 39249
Ion Ratio Lower Upper
173 100
175 48.8 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion:152 Resp: 126566
Ion Ratio Lower Upper
152 100
115 57.9 30.1 90.5
150 170.3 0.0 350.6

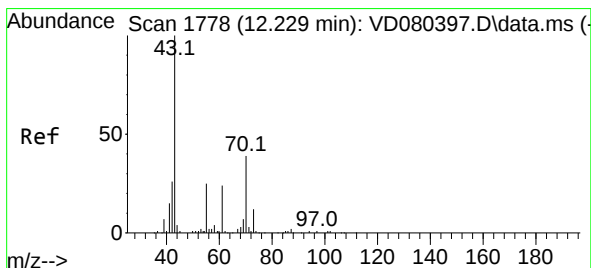
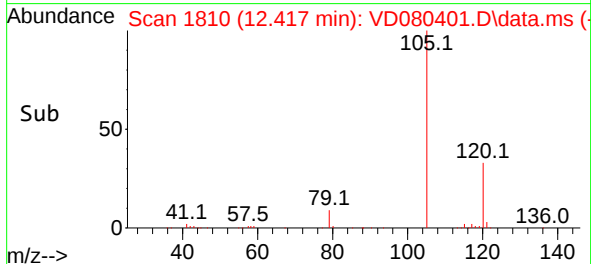
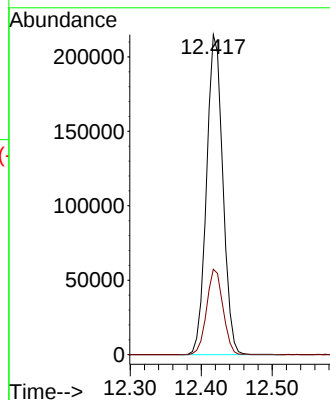
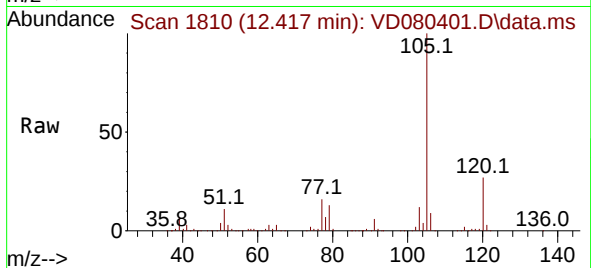




#73
Isopropylbenzene
Concen: 39.394 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

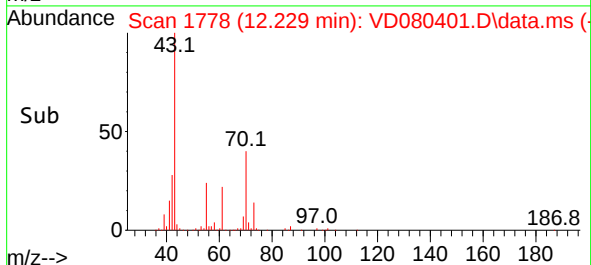
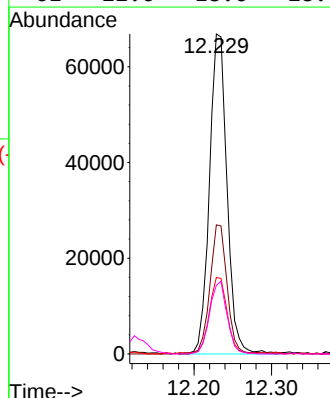
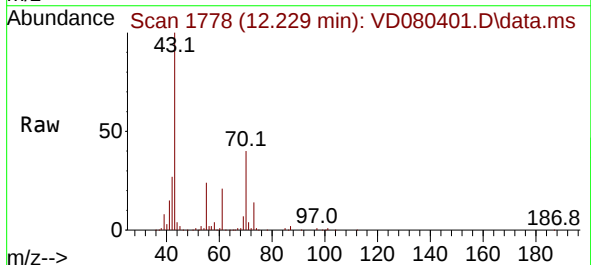
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

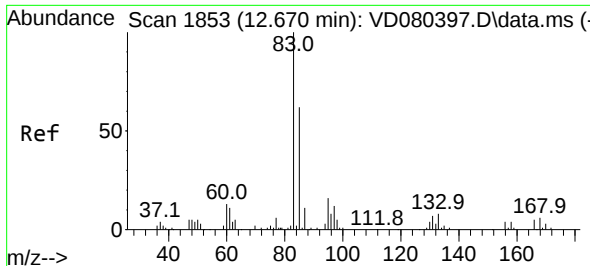
Tgt Ion:105 Resp: 342660
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 44.664 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 43 Resp: 105366
Ion Ratio Lower Upper
43 100
70 39.5 33.4 50.0
55 24.5 19.9 29.9
61 22.6 18.6 28.0

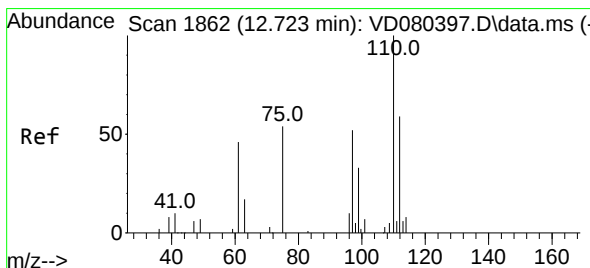
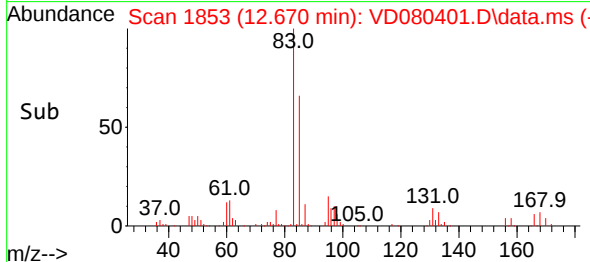
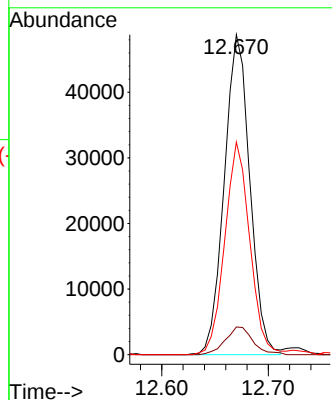
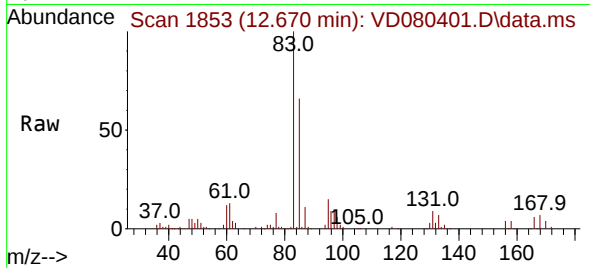




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.313 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

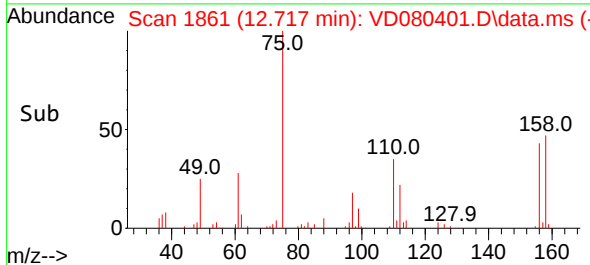
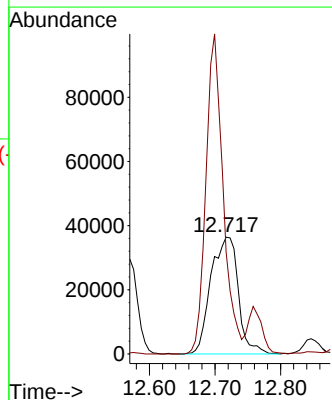
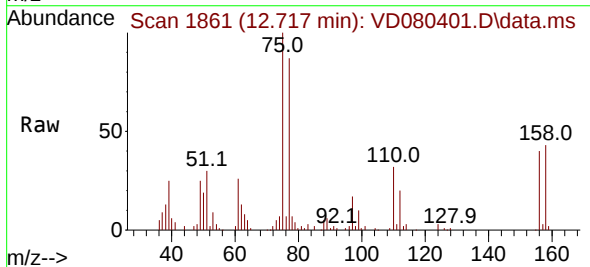
Instrument : MSVOA_D
 ClientSampleId : ICVVD053025

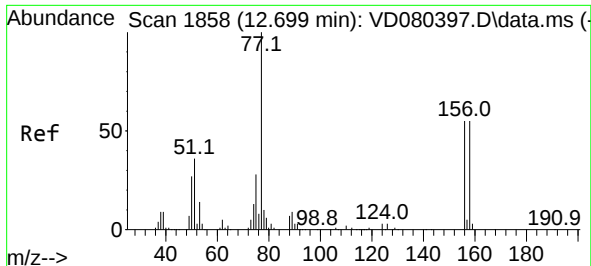
Tgt Ion: 83 Resp: 81475
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.6 13.8
 85 65.0 30.9 92.7



#76
 1,2,3-Trichloropropane
 Concen: 81.169 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

Tgt Ion: 75 Resp: 105656
 Ion Ratio Lower Upper
 75 100
 77 172.9 0.0 0.0#

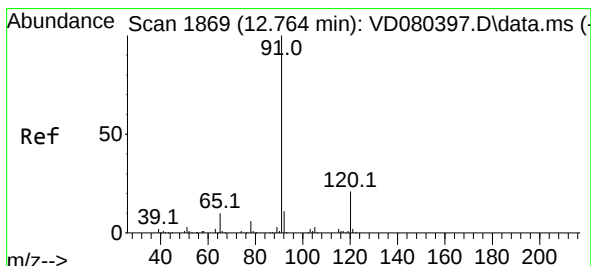
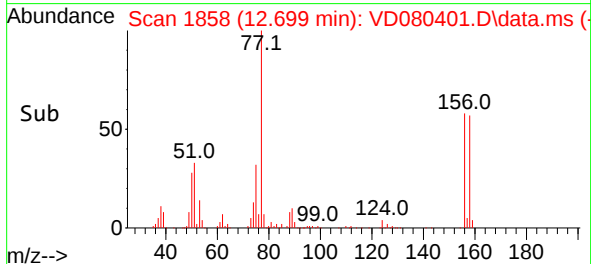
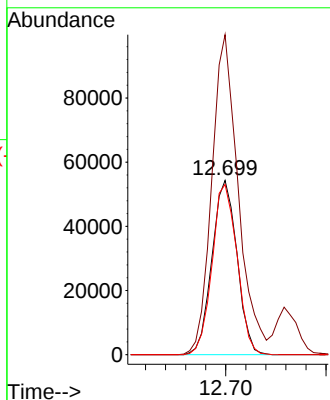
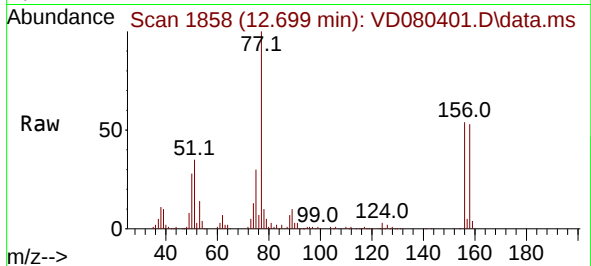




#77
Bromobenzene
Concen: 43.973 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

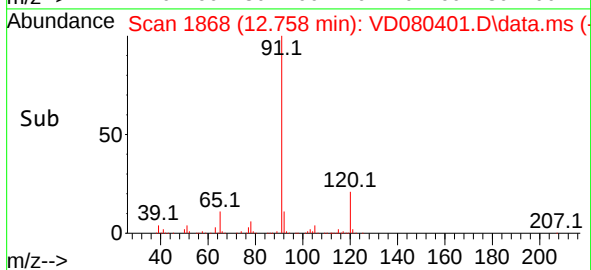
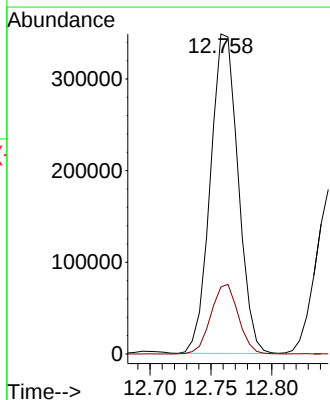
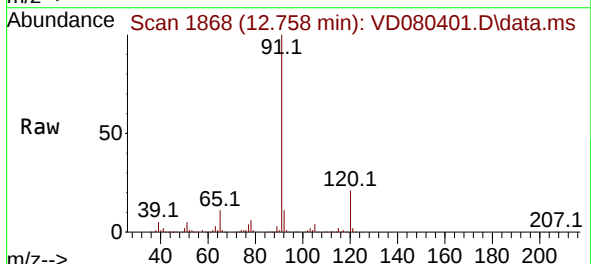
Instrument :
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ClientSampleId :
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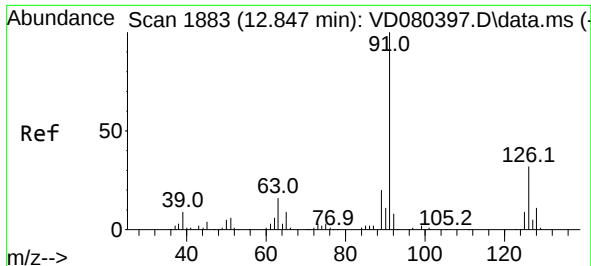
Tgt Ion:156 Resp: 94089
Ion Ratio Lower Upper
156 100
77 194.1 100.0 299.9
158 97.3 49.3 147.9



#78
n-propylbenzene
Concen: 51.147 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 91 Resp: 553123
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9

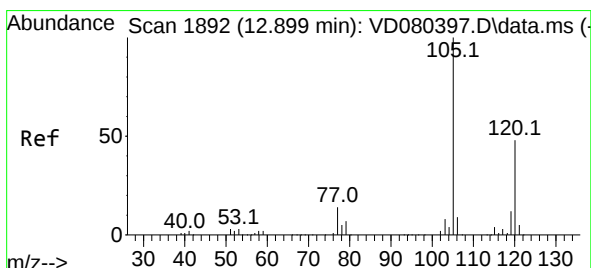
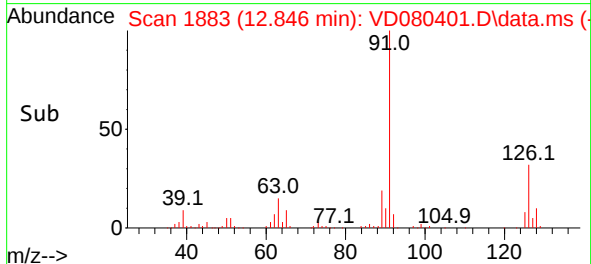
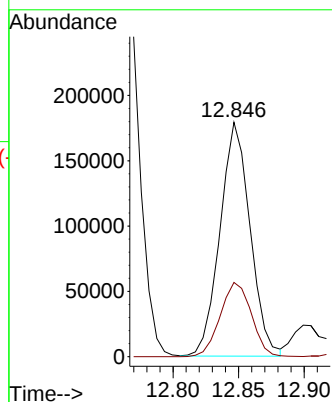
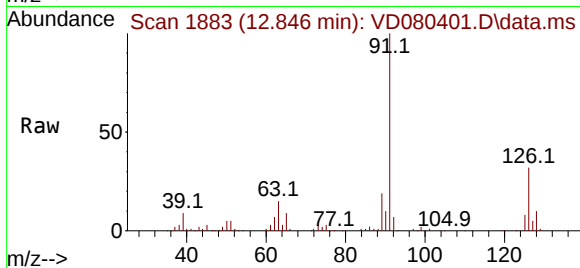




#79
2-Chlorotoluene
Concen: 45.933 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

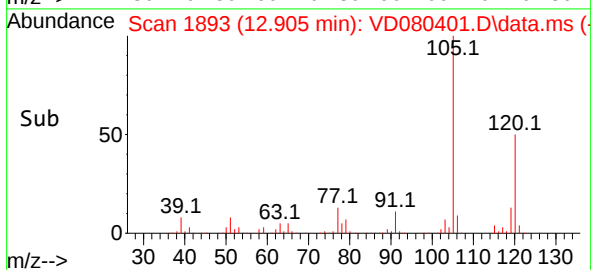
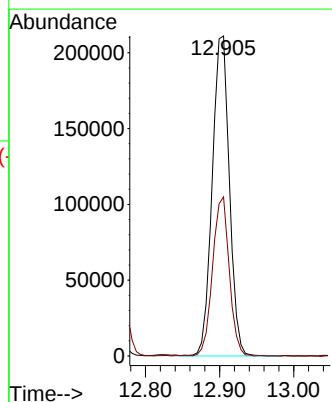
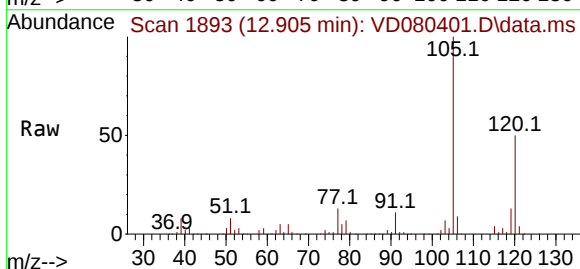
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

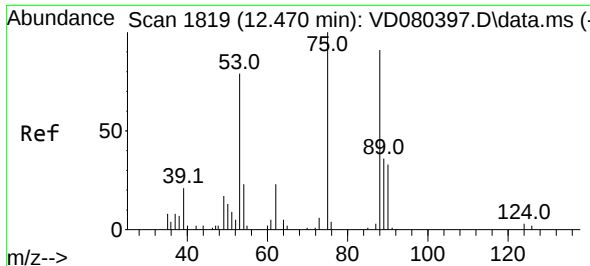
Tgt Ion: 91 Resp: 286105
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 46.723 ug/l
RT: 12.905 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 105 Resp: 339213
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3

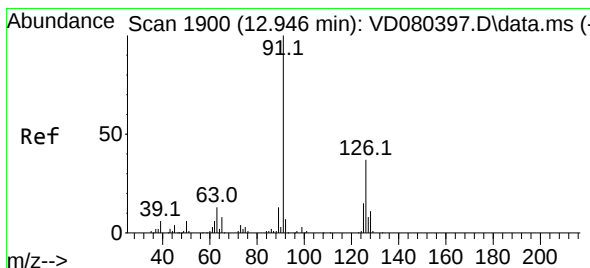
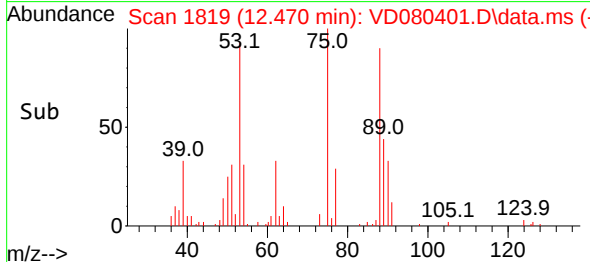
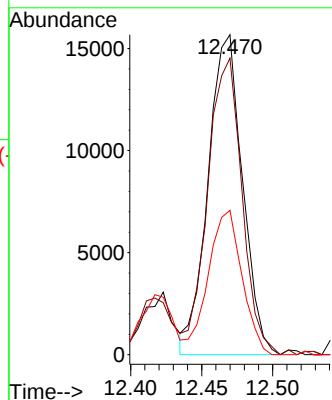
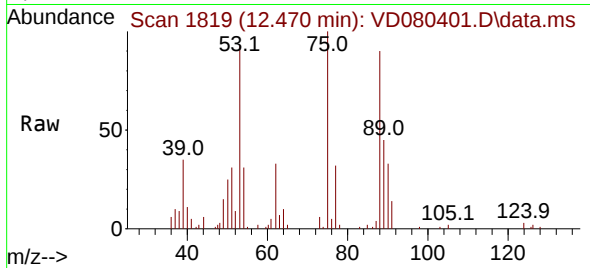




#81
trans-1,4-Dichloro-2-butene
Concen: 40.566 ug/l
RT: 12.470 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

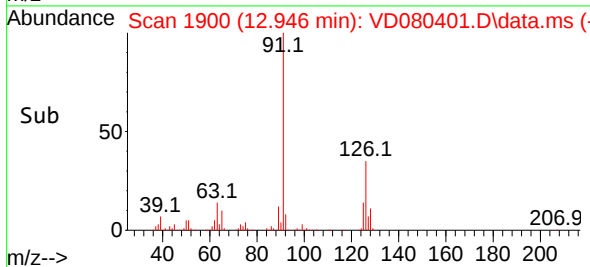
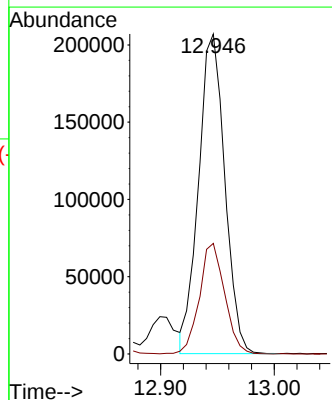
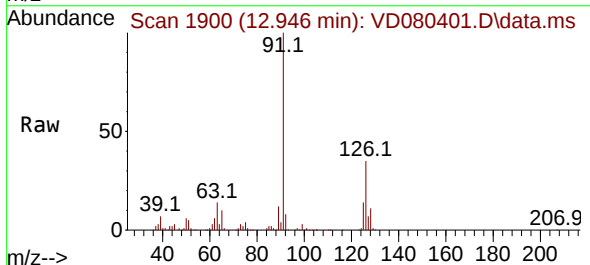
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

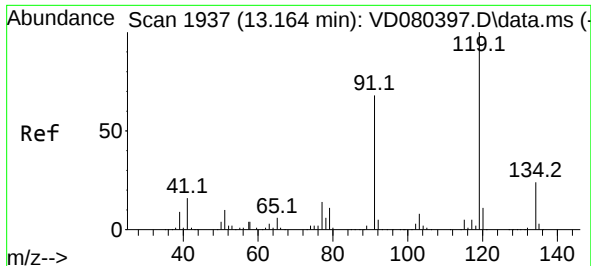
Tgt Ion: 75 Resp: 26428
Ion Ratio Lower Upper
75 100
53 92.8 72.3 108.5
89 44.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 49.934 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 91 Resp: 331873
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0

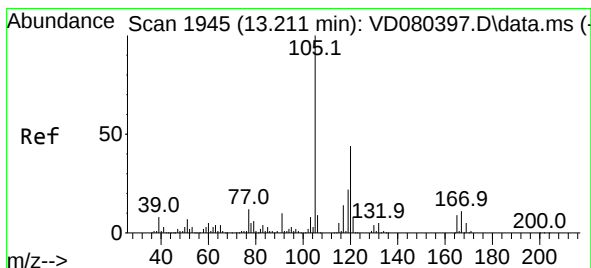
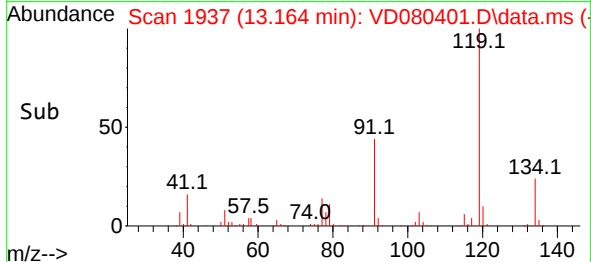
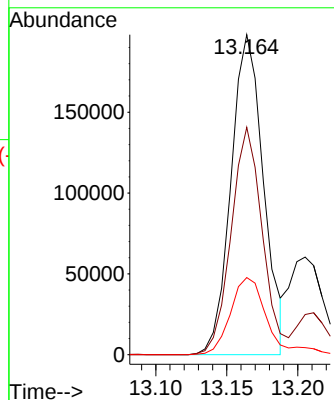
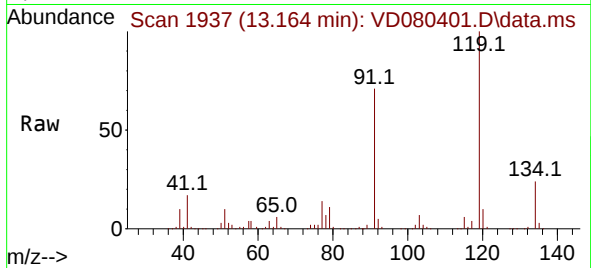




#83
tert-Butylbenzene
Concen: 51.642 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

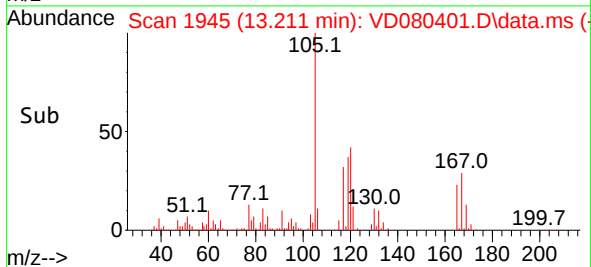
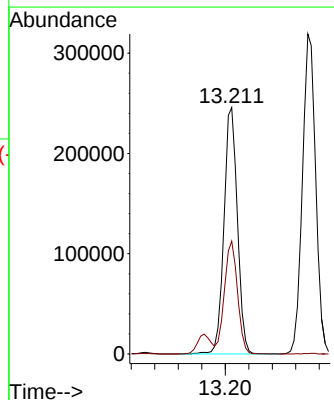
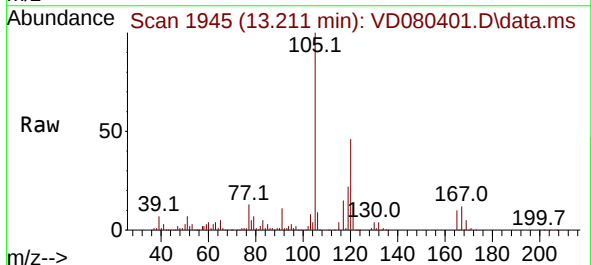
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

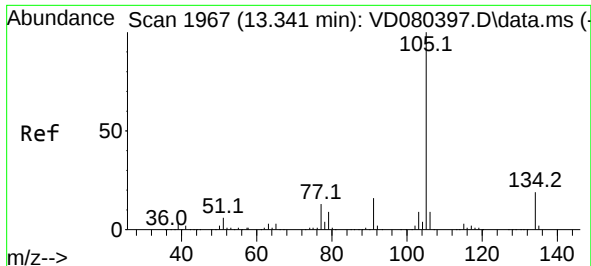
Tgt Ion:119 Resp: 315124
Ion Ratio Lower Upper
119 100
91 68.6 33.7 101.1
134 27.2 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 53.914 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion:105 Resp: 389419
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0

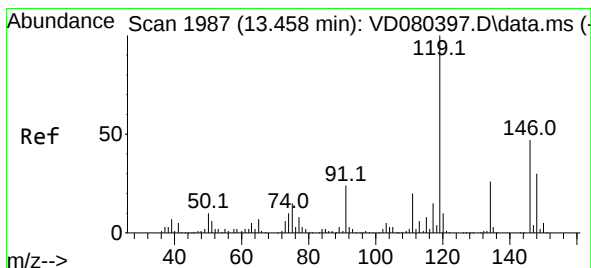
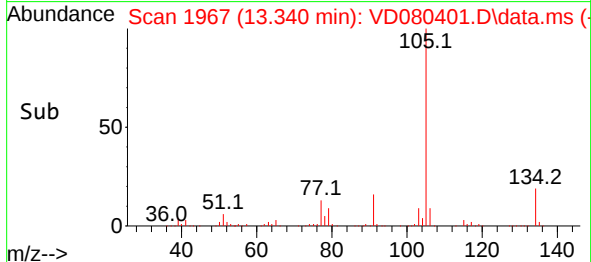
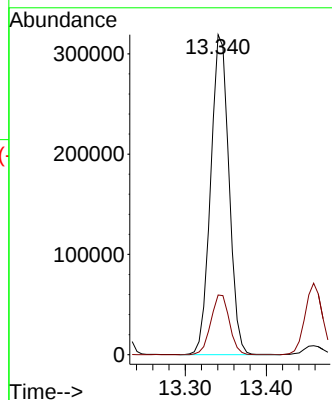
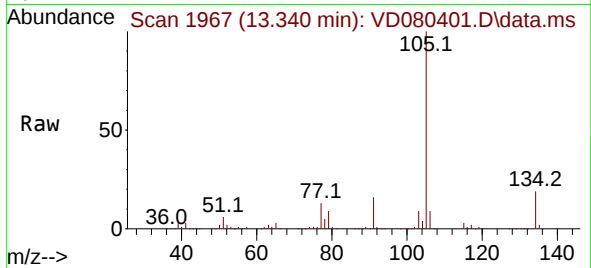




#85
 sec-Butylbenzene
 Concen: 54.179 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

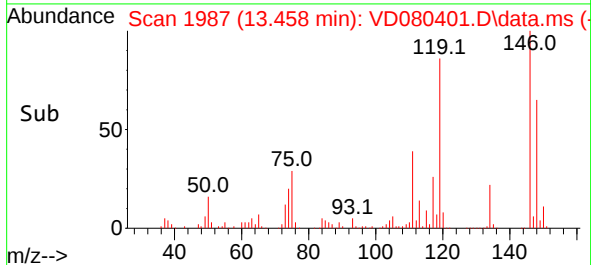
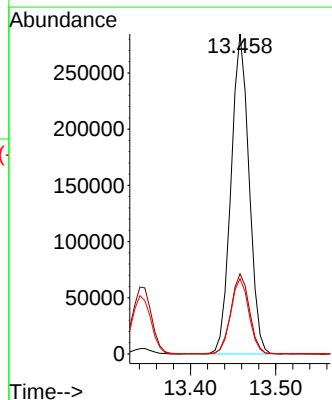
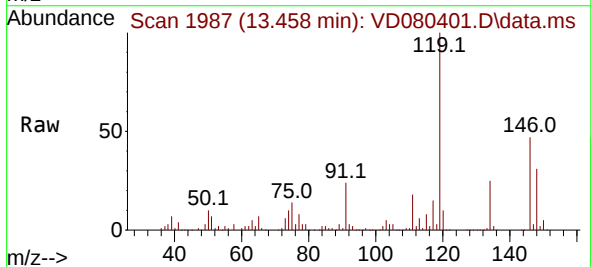
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD053025

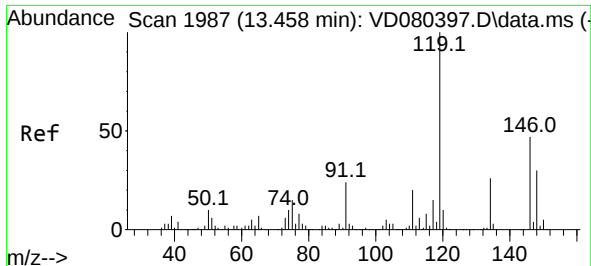
Tgt Ion:105 Resp: 498674
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.981 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

Tgt Ion:119 Resp: 417536
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 24.0 12.4 37.0

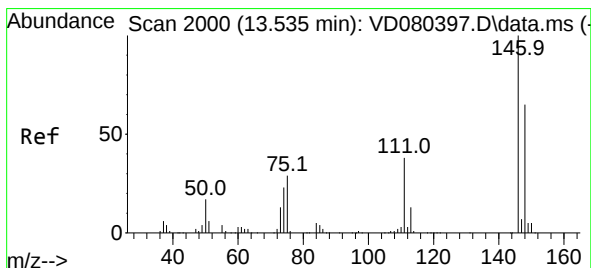
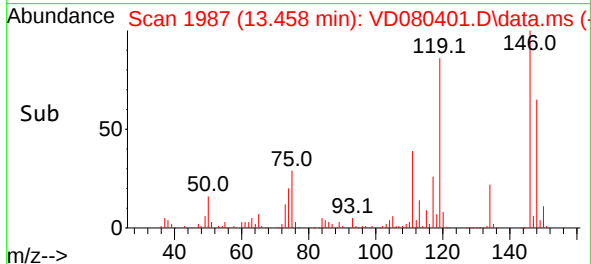
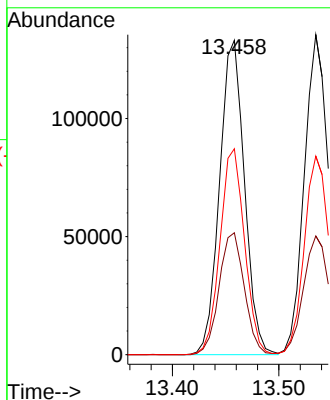
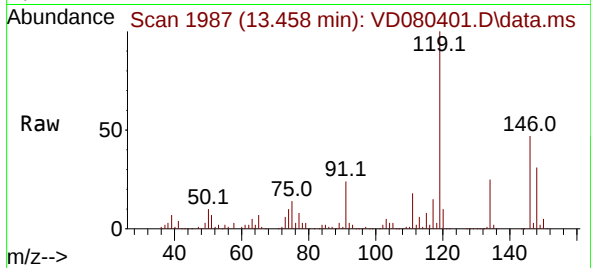




#87
 1,3-Dichlorobenzene
 Concen: 49.206 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

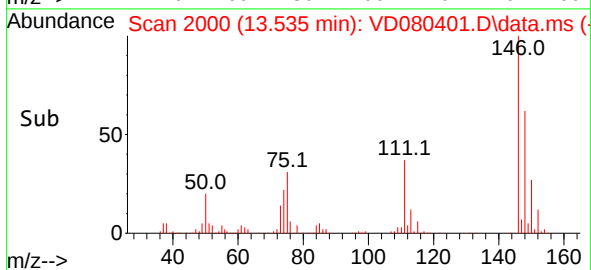
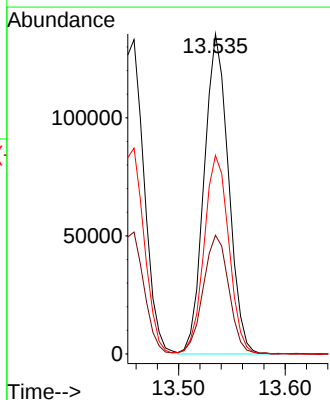
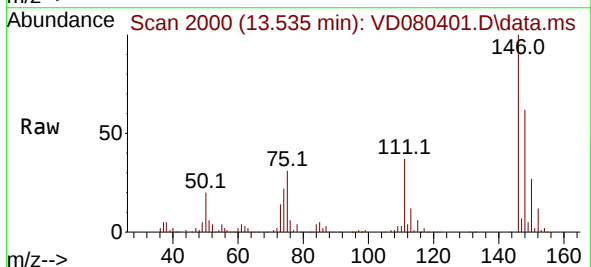
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD053025

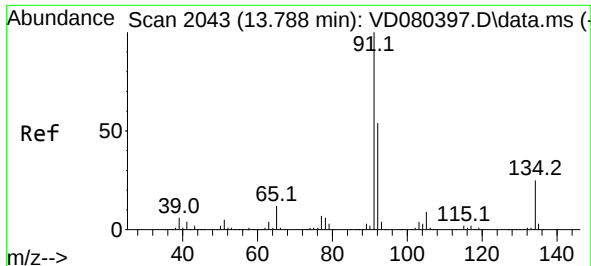
Tgt Ion:146 Resp: 215772
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.3 60.8
 148 64.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.147 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

Tgt Ion:146 Resp: 215427
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.9 59.6
 148 63.2 32.6 98.0

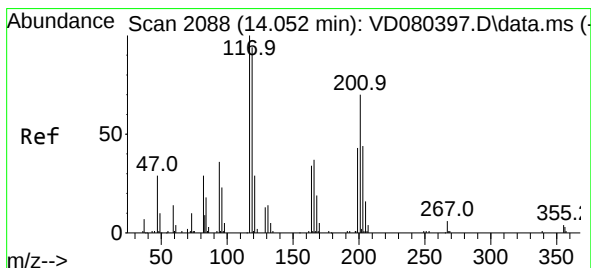
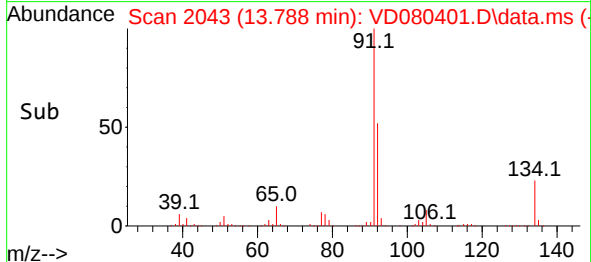
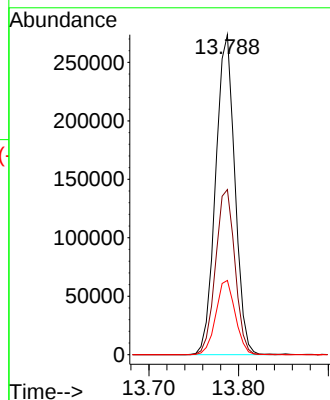
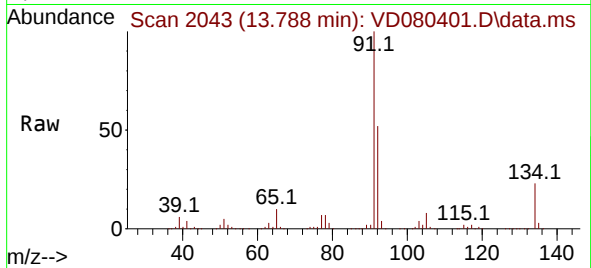




#89
n-Butylbenzene
Concen: 51.951 ug/l
RT: 13.788 min Scan# 2043
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

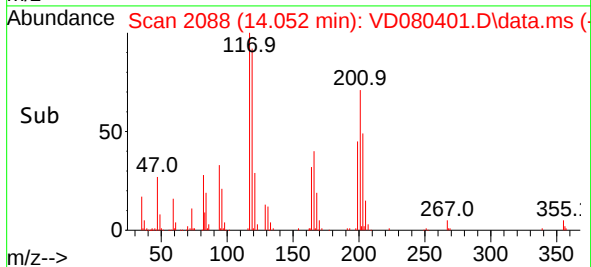
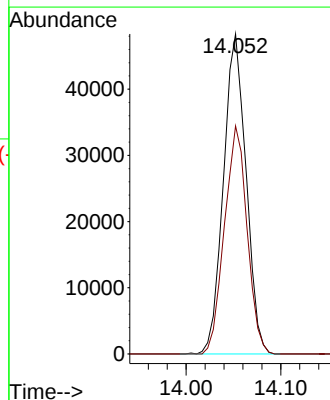
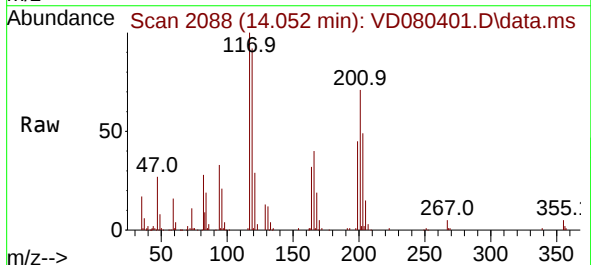
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

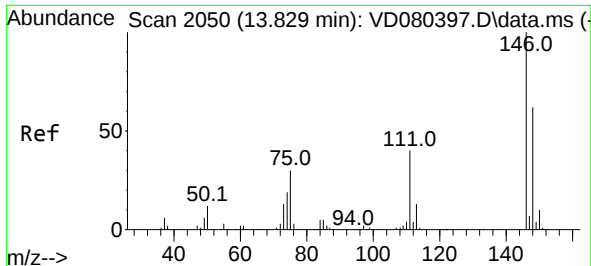
Tgt Ion: 91 Resp: 407279
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.2
134 23.5 12.3 36.9



#90
Hexachloroethane
Concen: 46.714 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 117 Resp: 80131
Ion Ratio Lower Upper
117 100
201 71.4 36.1 108.3

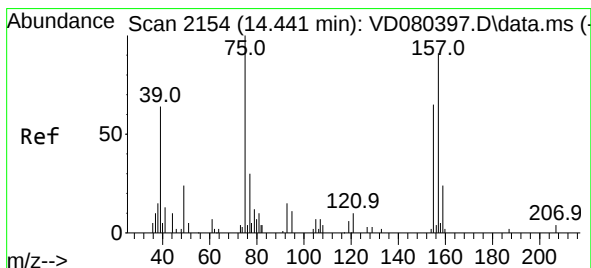
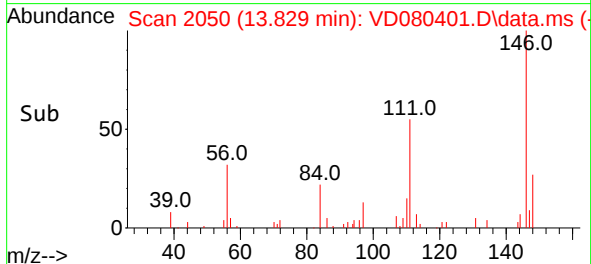
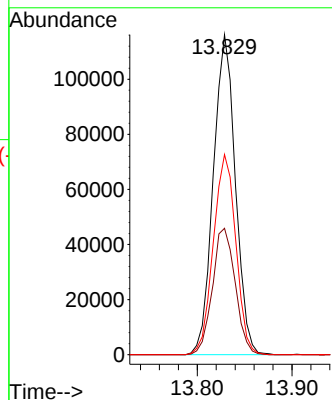
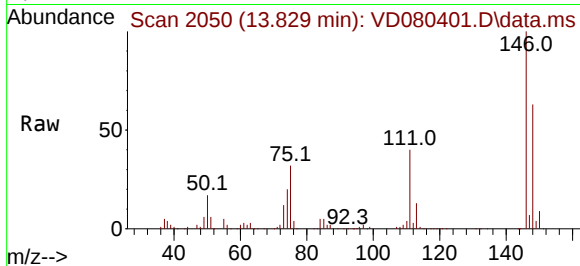




#91
1,2-Dichlorobenzene
Concen: 49.644 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

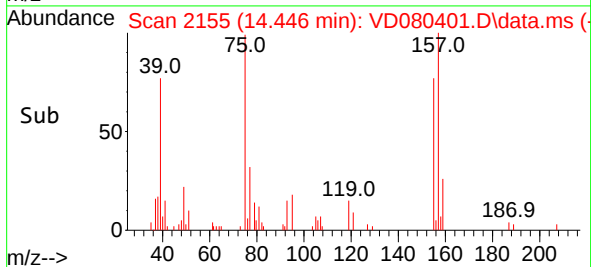
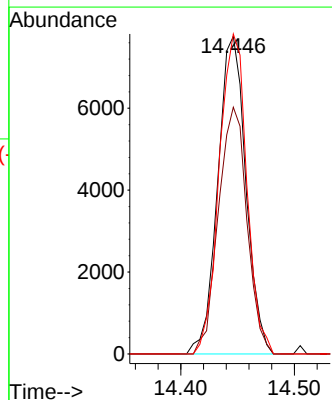
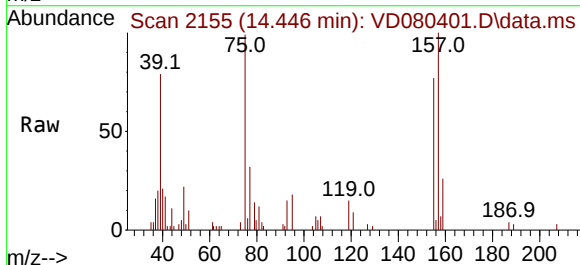
Instrument :
MSVOA_D
ClientSampleId :
ICVVD053025

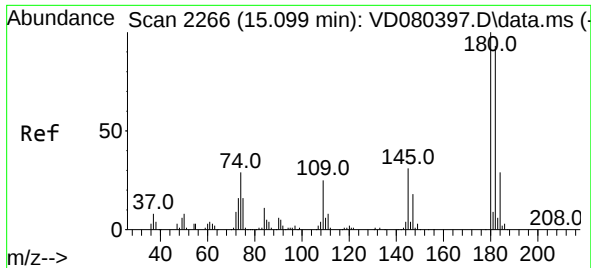
Tgt Ion:146 Resp: 188112
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.5
148 63.8 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.482 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.005 min
Lab File: VD080401.D
Acq: 30 May 2025 15:21

Tgt Ion: 75 Resp: 13323
Ion Ratio Lower Upper
75 100
155 78.9 35.8 107.3
157 98.8 44.8 134.3

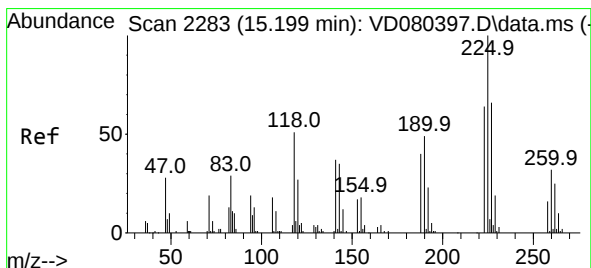
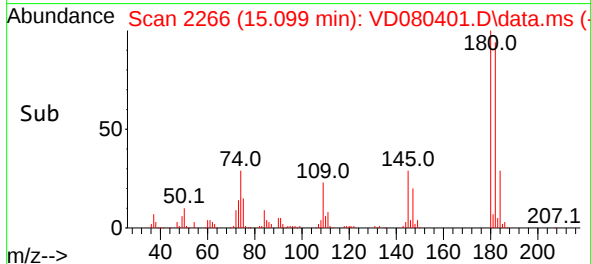
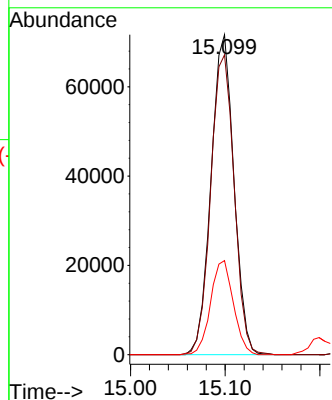
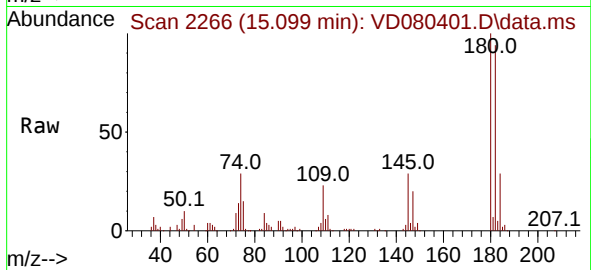




#93
 1,2,4-Trichlorobenzene
 Concen: 45.502 ug/l
 RT: 15.099 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

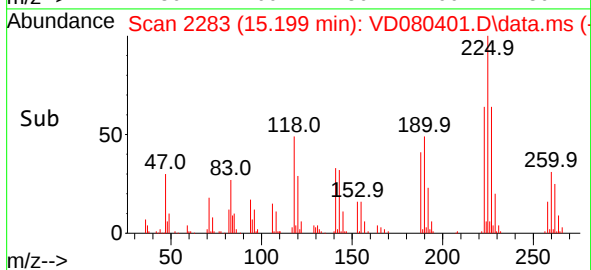
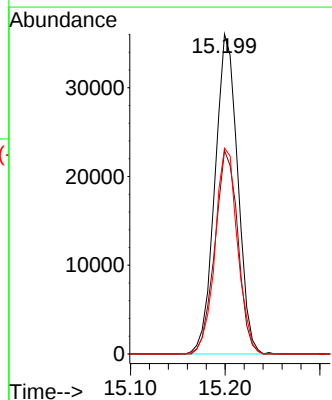
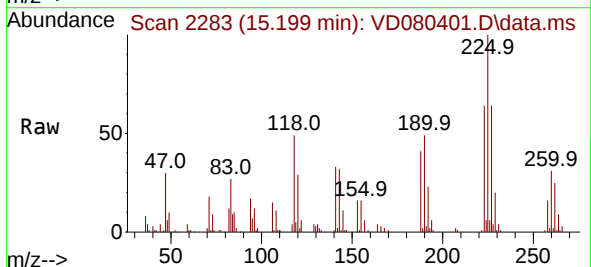
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD053025

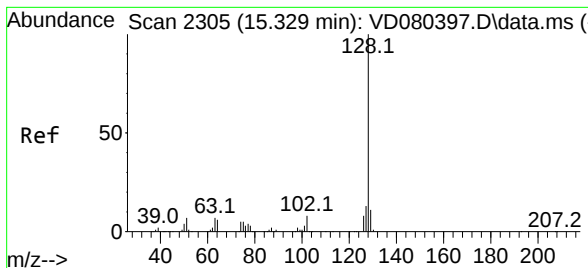
Tgt Ion:180 Resp: 120387
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.9 140.7
 145 29.3 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 48.077 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: VD080401.D
 Acq: 30 May 2025 15:21

Tgt Ion:225 Resp: 60172
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.4 94.0
 227 63.7 31.6 95.0





#95

Naphthalene

Concen: 45.402 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD053025

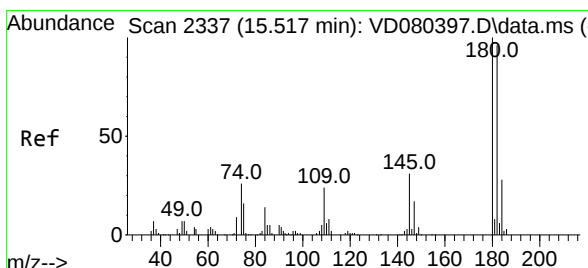
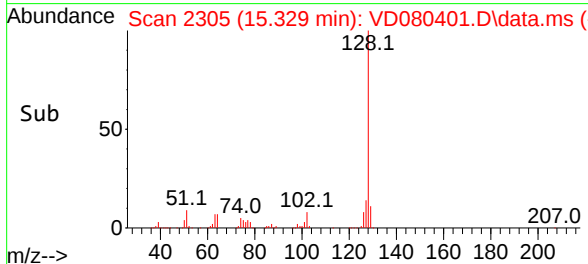
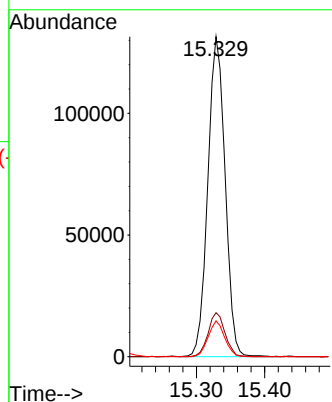
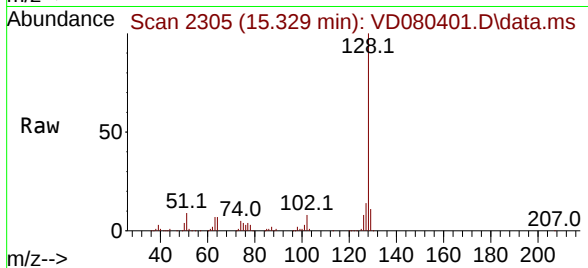
Tgt Ion:128 Resp: 232106

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.2 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 41.908 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080401.D

Acq: 30 May 2025 15:21

Tgt Ion:180 Resp: 98702

Ion Ratio Lower Upper

180 100

182 96.5 47.0 141.2

145 32.5 15.4 46.4

