

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080293.D
 Acq On : 06 May 2025 14:51
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: May 07 03:18:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:09:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	128973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	210047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	193788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	106560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	76123	45.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.280%
35) Dibromofluoromethane	7.806	113	70249	49.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.264	98	279337	50.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.570	95	89237	50.122	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	50088	43.400	ug/l	100
3) Chloromethane	2.153	50	103557	46.391	ug/l	100
4) Vinyl Chloride	2.277	62	137382	40.974	ug/l	100
5) Bromomethane	2.688	94	94361	39.098	ug/l	100
6) Chloroethane	2.829	64	100098	42.224	ug/l	100
7) Trichlorofluoromethane	3.165	101	109172	42.464	ug/l	100
8) Diethyl Ether	3.588	74	34955	44.045	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.965	101	67563	42.652	ug/l	100
10) Methyl Iodide	4.165	142	76353	47.285	ug/l	100
11) Tert butyl alcohol	5.070	59	22164	218.998	ug/l	100
12) 1,1-Dichloroethene	3.941	96	66338	42.479	ug/l	100
13) Acrolein	3.800	56	40366	226.685	ug/l	100
14) Allyl chloride	4.559	41	109199	44.461	ug/l	100
15) Acrylonitrile	5.253	53	83939	220.002	ug/l	100
16) Acetone	4.029	43	62782	243.872	ug/l	100
17) Carbon Disulfide	4.271	76	225804	41.639	ug/l	100
18) Methyl Acetate	4.571	43	44979	41.614	ug/l	100
19) Methyl tert-butyl Ether	5.323	73	160814	46.874	ug/l	100
20) Methylene Chloride	4.800	84	84733	47.369	ug/l	100
21) trans-1,2-Dichloroethene	5.306	96	75359	44.419	ug/l	100
22) Diisopropyl ether	6.217	45	241140	47.662	ug/l	100
23) Vinyl Acetate	6.159	43	717743	243.576	ug/l	100
24) 1,1-Dichloroethane	6.106	63	142067	44.623	ug/l	100
25) 2-Butanone	7.082	43	107372	233.978	ug/l	100
26) 2,2-Dichloropropane	7.076	77	113734	44.895	ug/l	100
27) cis-1,2-Dichloroethene	7.076	96	85505	45.490	ug/l	100
28) Bromochloromethane	7.423	49	69195	46.680	ug/l	100
29) Tetrahydrofuran	7.447	42	71264	238.175	ug/l	100
30) Chloroform	7.594	83	142796	44.977	ug/l	100
31) Cyclohexane	7.876	56	118553	43.753	ug/l	100
32) 1,1,1-Trichloroethane	7.794	97	115758	44.690	ug/l	100
36) 1,1-Dichloropropene	8.006	75	99739	47.404	ug/l	100
37) Ethyl Acetate	7.170	43	51033	46.506	ug/l	100
38) Carbon Tetrachloride	7.994	117	103294	47.075	ug/l	100
39) Methylcyclohexane	9.276	83	114223	46.784	ug/l	100
40) Benzene	8.247	78	307055	46.576	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	27077	44.472	ug/l	100
42) 1,2-Dichloroethane	8.323	62	88634	46.397	ug/l	100
43) Isopropyl Acetate	8.364	43	96669	48.454	ug/l	100
44) Trichloroethene	9.029	130	70080	45.794	ug/l	100
45) 1,2-Dichloropropane	9.300	63	80989	47.901	ug/l	100
46) Dibromomethane	9.394	93	43885	47.673	ug/l	100
47) Bromodichloromethane	9.582	83	110822	47.431	ug/l	100
48) Methyl methacrylate	9.382	41	46391	48.938	ug/l	100
49) 1,4-Dioxane	9.388	88	10636	971.810	ug/l	100
51) 4-Methyl-2-Pentanone	10.158	43	260803	253.710	ug/l	100
52) Toluene	10.329	92	192753	48.532	ug/l	100
53) t-1,3-Dichloropropene	10.553	75	102430	48.088	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	120266	48.724	ug/l	100
55) 1,1,2-Trichloroethane	10.735	97	59795	49.106	ug/l	100
56) Ethyl methacrylate	10.600	69	76440	51.806	ug/l	100
57) 1,3-Dichloropropane	10.876	76	97045	47.953	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	163412	270.621	ug/l	100
59) 2-Hexanone	10.917	43	178947	253.060	ug/l	100
60) Dibromochloromethane	11.070	129	74451	48.789	ug/l	100
61) 1,2-Dibromoethane	11.176	107	52865	46.820	ug/l	100
64) Tetrachloroethene	10.811	164	61207	46.641	ug/l	100
65) Chlorobenzene	11.605	112	207554	47.434	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.682	131	73799	49.091	ug/l	100
67) Ethyl Benzene	11.682	91	359794	49.204	ug/l	100
68) m/p-Xylenes	11.788	106	286214	100.807	ug/l	100
69) o-Xylene	12.117	106	128942	49.699	ug/l	100
70) Styrene	12.135	104	236218	50.705	ug/l	100
71) Bromoform	12.300	173	42622	47.720	ug/l #	100
73) Isopropylbenzene	12.417	105	338024	48.901	ug/l	100
74) N-amyl acetate	12.229	43	94478	47.622	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.670	83	69292	45.585	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	89851	79.473	ug/l #	100
77) Bromobenzene	12.699	156	86515	48.252	ug/l	100
78) n-propylbenzene	12.758	91	432276	49.833	ug/l	100
79) 2-Chlorotoluene	12.847	91	245990	48.752	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	292798	49.663	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	26376	48.681	ug/l	100
82) 4-Chlorotoluene	12.941	91	259933	47.724	ug/l	100
83) tert-Butylbenzene	13.164	119	241235	49.033	ug/l	100
84) 1,2,4-Trimethylbenzene	13.205	105	304757	50.521	ug/l	100
85) sec-Butylbenzene	13.341	105	377527	49.761	ug/l	100
86) p-Isopropyltoluene	13.458	119	322757	50.618	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	175985	47.064	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	174810	46.373	ug/l	100
89) n-Butylbenzene	13.782	91	307571	49.691	ug/l	100
90) Hexachloroethane	14.046	117	66605	47.210	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	153988	47.407	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.441	75	11348	46.842	ug/l	100
93) 1,2,4-Trichlorobenzene	15.093	180	97524	47.741	ug/l	100
94) Hexachlorobutadiene	15.199	225	49856	46.912	ug/l	100
95) Naphthalene	15.329	128	179761	46.866	ug/l	100
96) 1,2,3-Trichlorobenzene	15.517	180	87786	48.049	ug/l	100

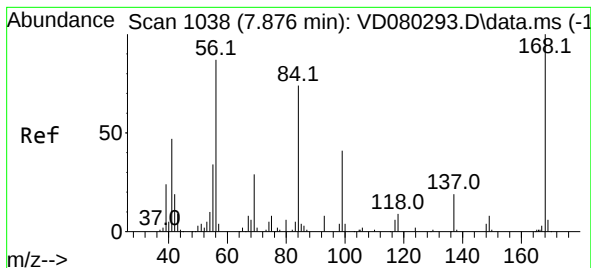
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
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Quant Title : SW846 8260
QLast Update : Wed May 07 03:09:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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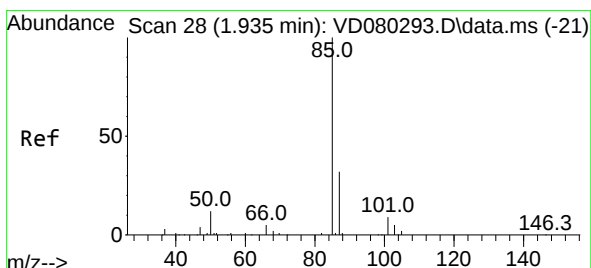
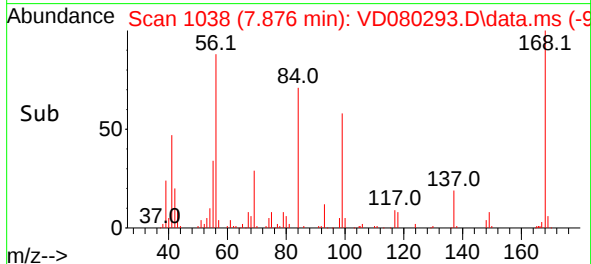
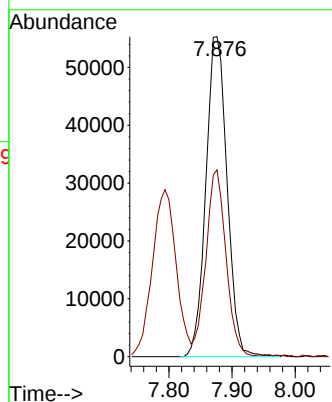
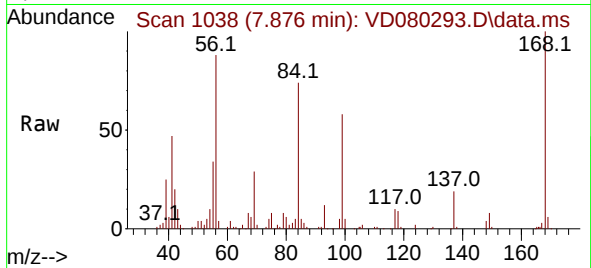
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

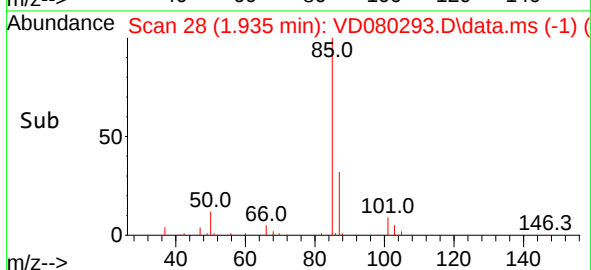
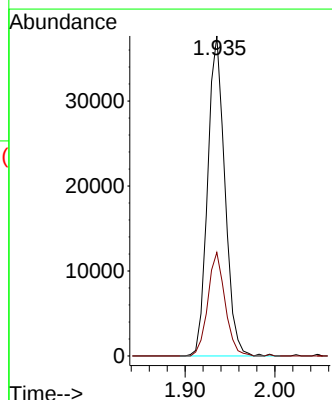
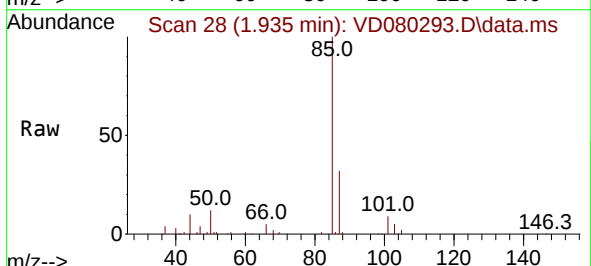
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ClientSampleId :
VSTDICCC050

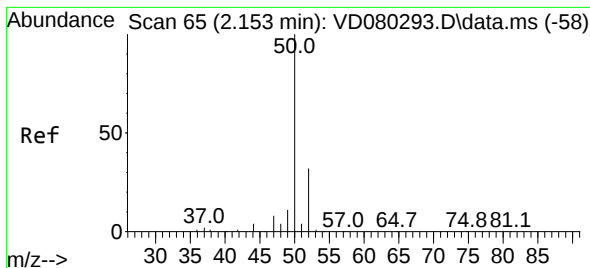
Tgt Ion:168 Resp: 128973
Ion Ratio Lower Upper
168 100
99 58.0 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 43.400 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 85 Resp: 50088
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3

Chloromethane

Concen: 46.391 ug/l

RT: 2.153 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

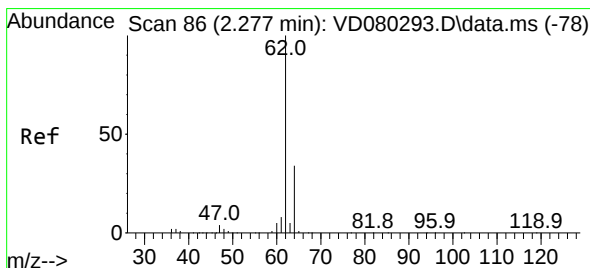
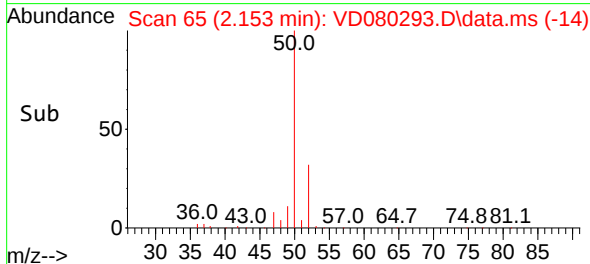
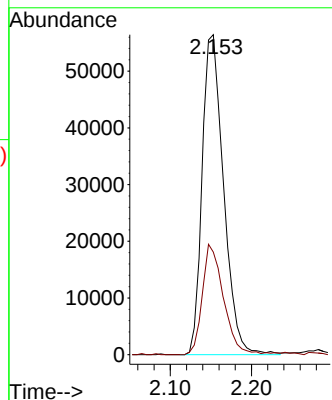
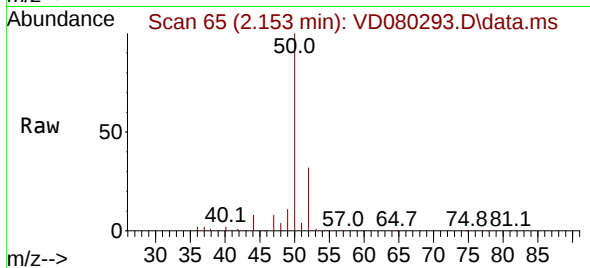
VSTDICCC050

Tgt Ion: 50 Resp: 103557

Ion Ratio Lower Upper

50 100

52 32.1 25.7 38.5



#4

Vinyl Chloride

Concen: 40.974 ug/l

RT: 2.277 min Scan# 86

Delta R.T. 0.000 min

Lab File: VD080293.D

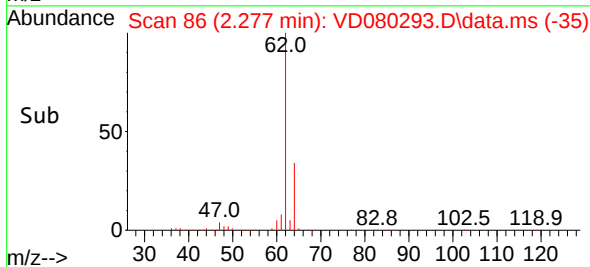
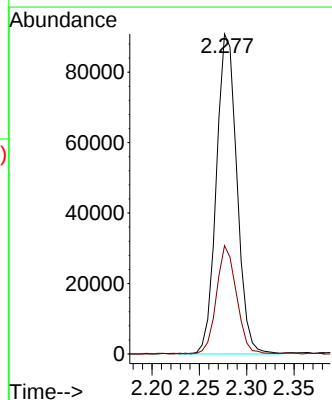
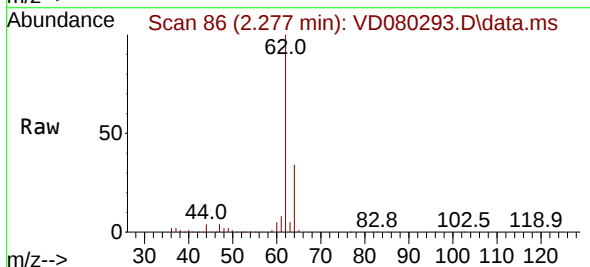
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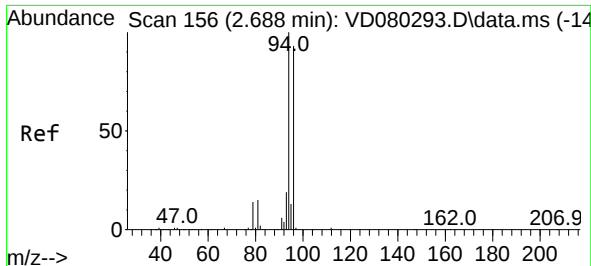
Tgt Ion: 62 Resp: 137382

Ion Ratio Lower Upper

62 100

64 33.6 26.9 40.3

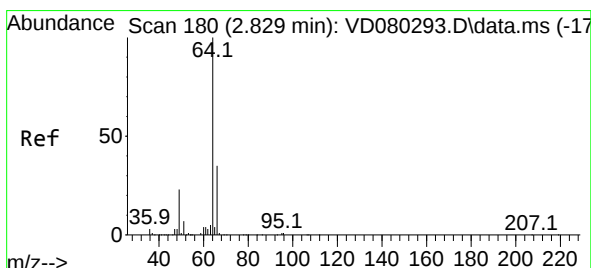
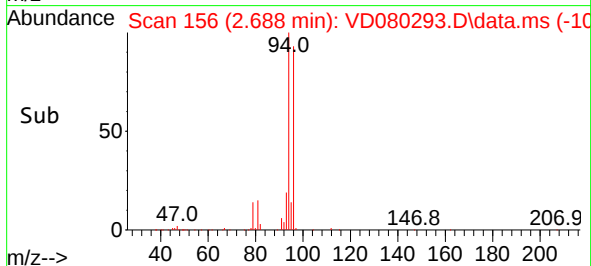
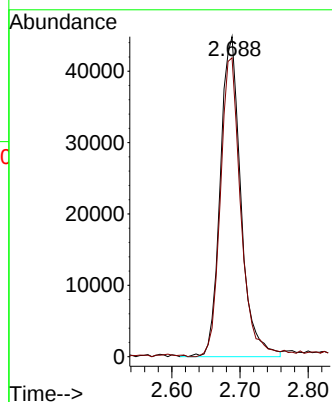
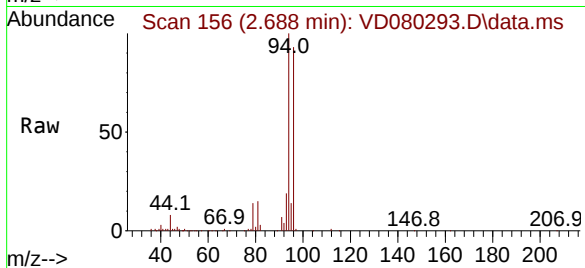




#5
Bromomethane
Concen: 39.098 ug/l
RT: 2.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

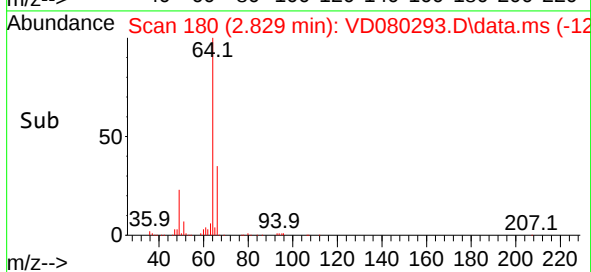
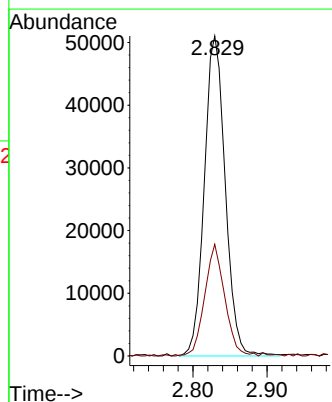
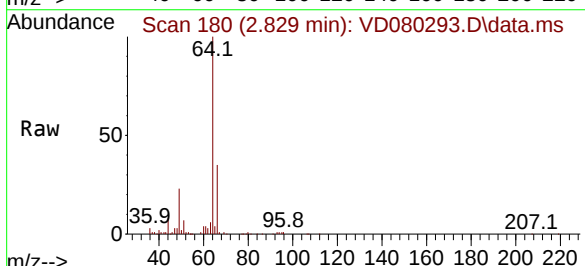
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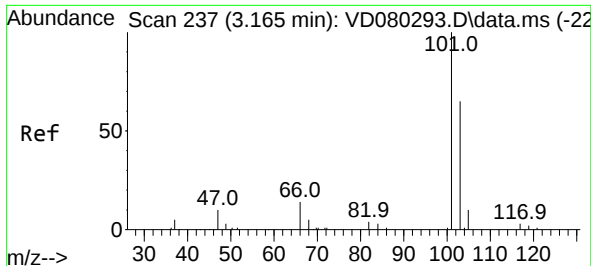
Tgt Ion: 94 Resp: 94361
Ion Ratio Lower Upper
94 100
96 93.3 74.6 112.0



#6
Chloroethane
Concen: 42.224 ug/l
RT: 2.829 min Scan# 180
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 64 Resp: 100098
Ion Ratio Lower Upper
64 100
66 34.6 27.7 41.5

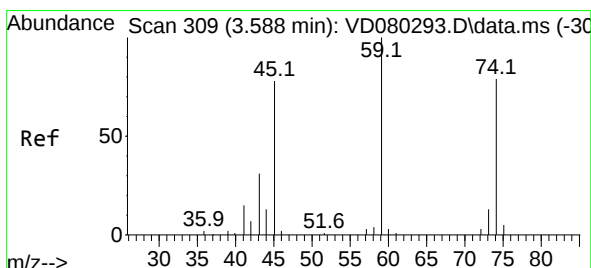
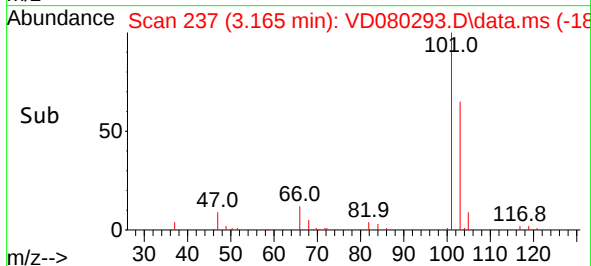
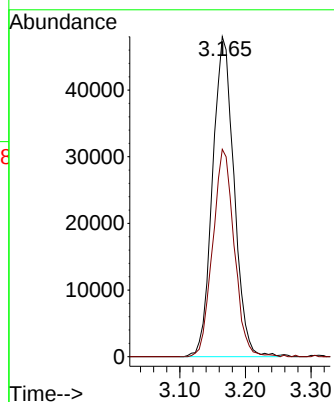
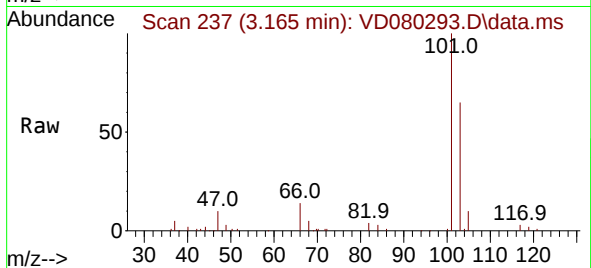




#7
 Trichlorofluoromethane
 Concen: 42.464 ug/l
 RT: 3.165 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

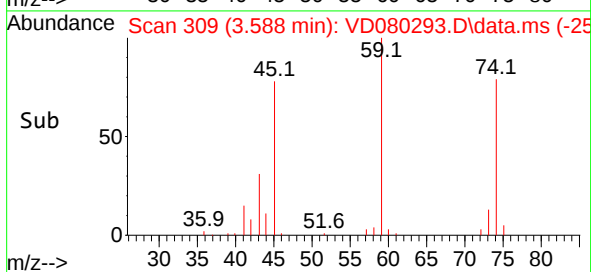
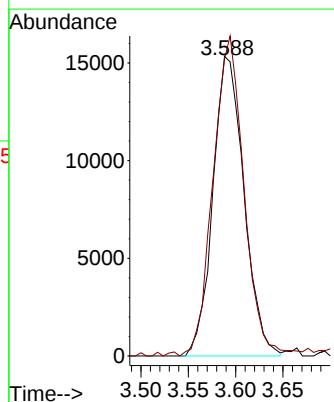
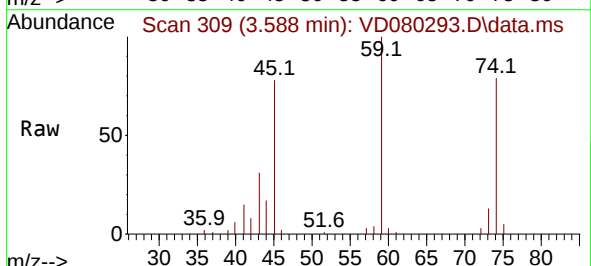
Instrument :
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 ClientSampleId :
 VSTDICCC050

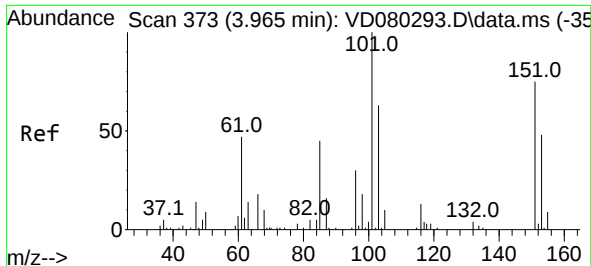
Tgt Ion:101 Resp: 109172
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.8



#8
 Diethyl Ether
 Concen: 44.045 ug/l
 RT: 3.588 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

Tgt Ion: 74 Resp: 34955
 Ion Ratio Lower Upper
 74 100
 45 106.3 53.1 159.4

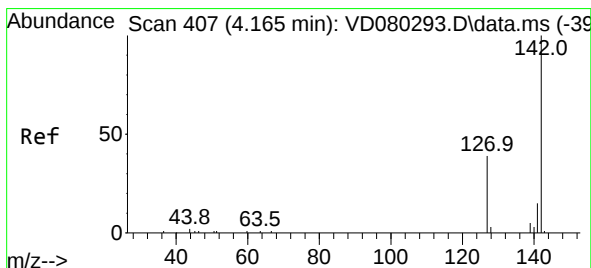
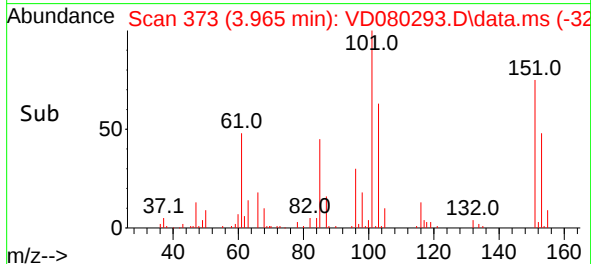
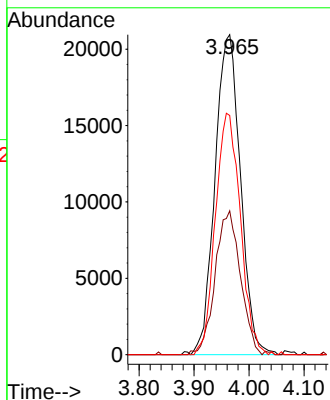
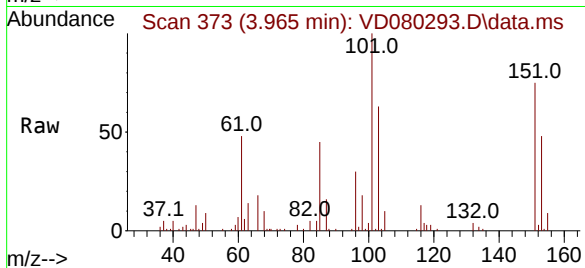




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.652 ug/l
RT: 3.965 min Scan# 373
Delta R.T. 0.000 min
Lab File: VD080293.D
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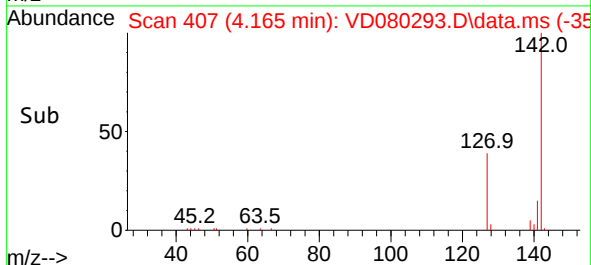
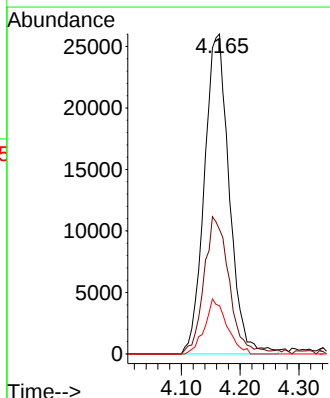
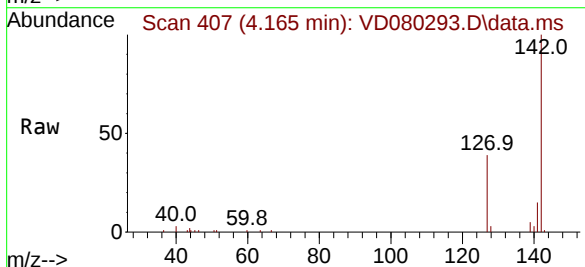
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

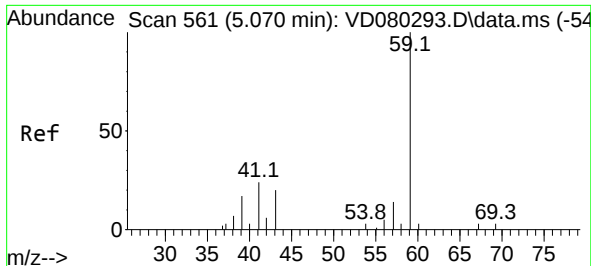
Tgt Ion:	101	Resp:	67563
Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	73.8	59.0	88.6



#10
Methyl Iodide
Concen: 47.285 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion:	142	Resp:	76353
Ion	Ratio	Lower	Upper
142	100		
127	43.3	34.6	52.0
141	15.3	12.2	18.4

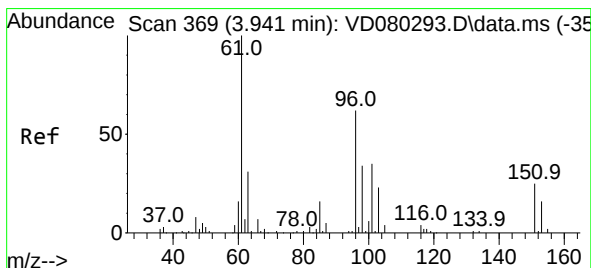
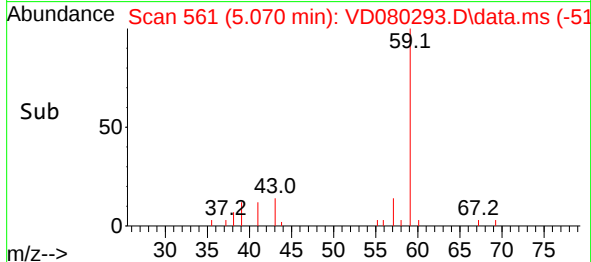
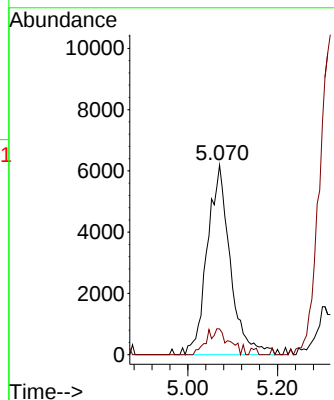
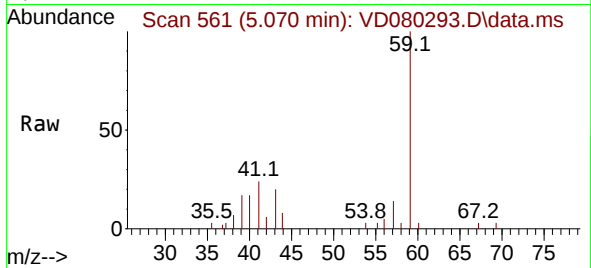




#11
Tert butyl alcohol
Concen: 218.998 ug/l
RT: 5.070 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

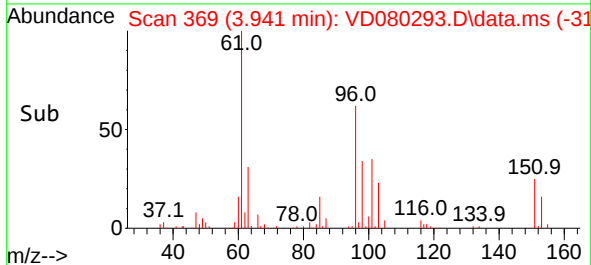
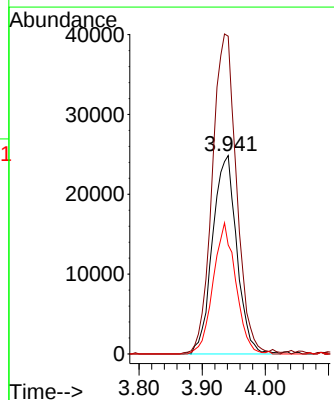
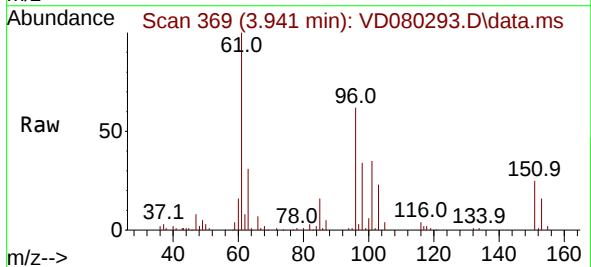
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

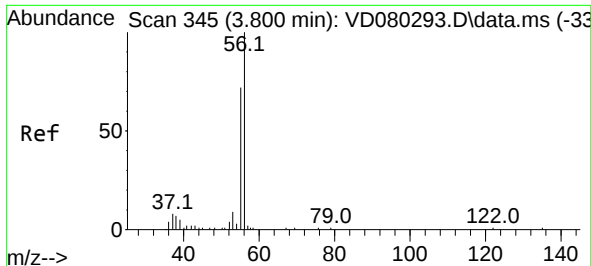
Tgt Ion: 59 Resp: 22164
Ion Ratio Lower Upper
59 100
57 13.3 10.6 16.0



#12
1,1-Dichloroethene
Concen: 42.479 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 96 Resp: 66338
Ion Ratio Lower Upper
96 100
61 160.2 128.2 192.2
98 54.9 43.9 65.9

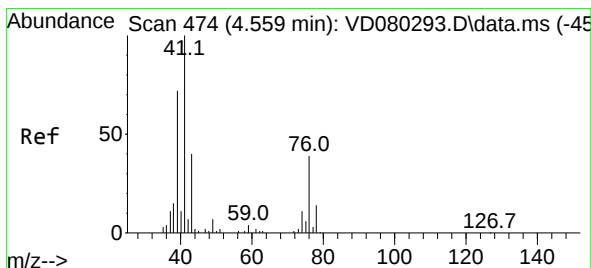
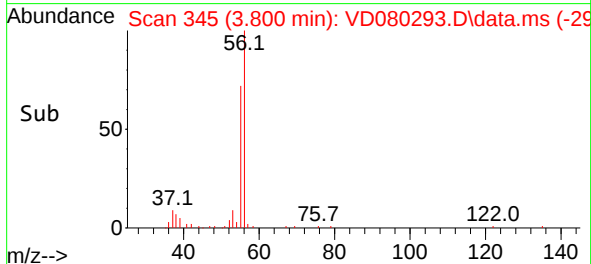
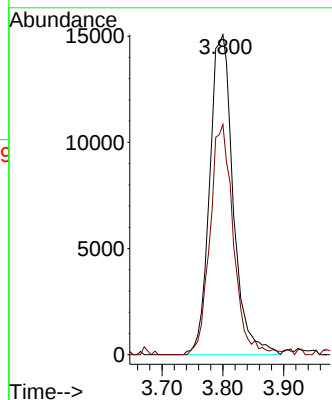
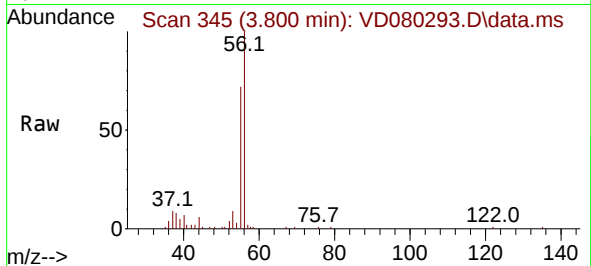




#13
Acrolein
Concen: 226.685 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

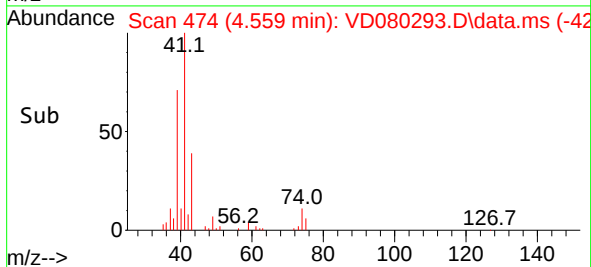
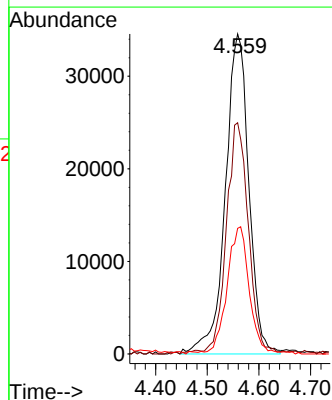
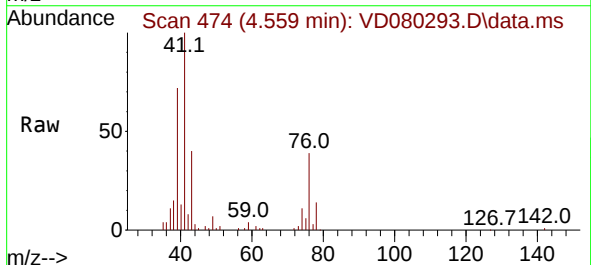
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

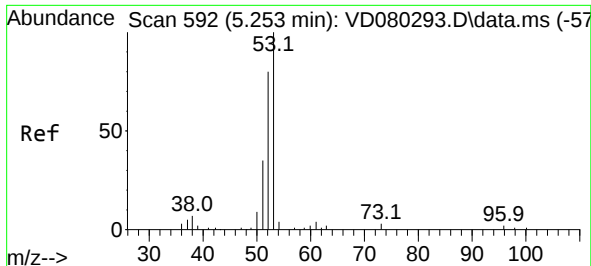
Tgt Ion: 56 Resp: 40366
Ion Ratio Lower Upper
56 100
55 71.8 57.4 86.2



#14
Allyl chloride
Concen: 44.461 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 41 Resp: 109199
Ion Ratio Lower Upper
41 100
39 66.2 53.0 79.4
76 36.0 28.8 43.2





#15

Acrylonitrile

Concen: 220.002 ug/l

RT: 5.253 min Scan# 592

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

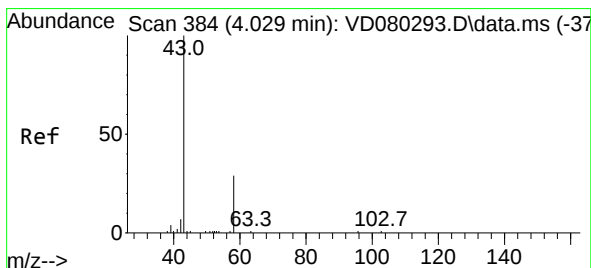
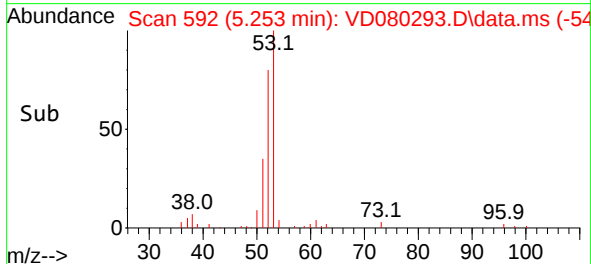
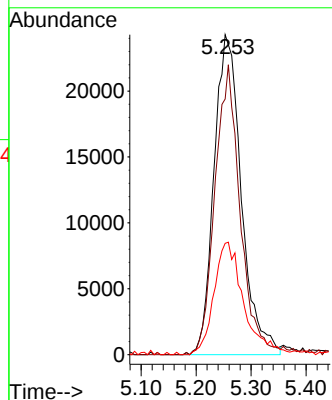
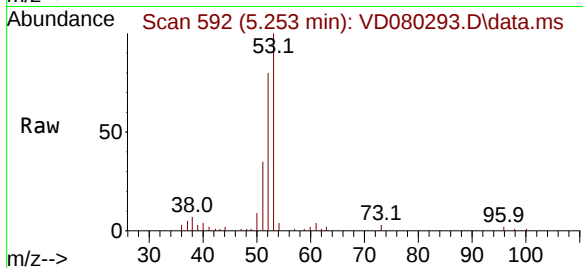
Tgt Ion: 53 Resp: 83939

Ion Ratio Lower Upper

53 100

52 84.1 67.3 100.9

51 38.0 30.4 45.6



#16

Acetone

Concen: 243.872 ug/l

RT: 4.029 min Scan# 384

Delta R.T. 0.000 min

Lab File: VD080293.D

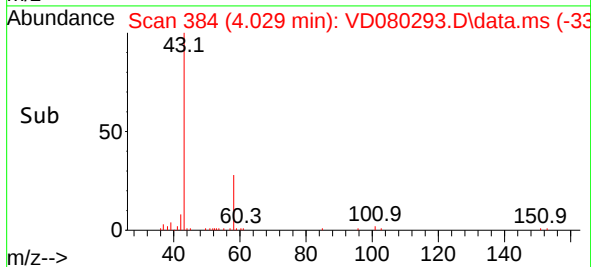
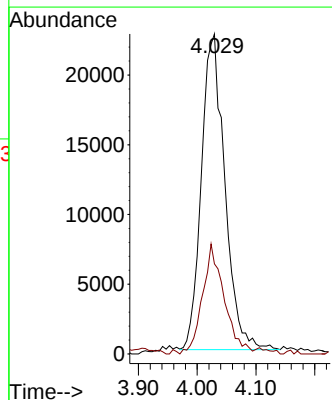
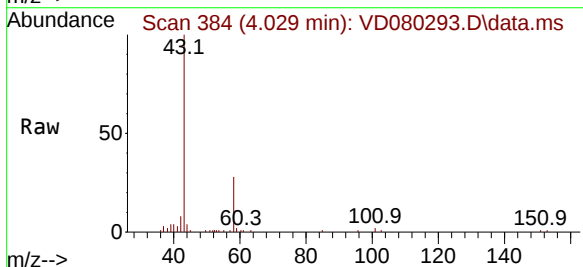
Acq: 06 May 2025 14:51

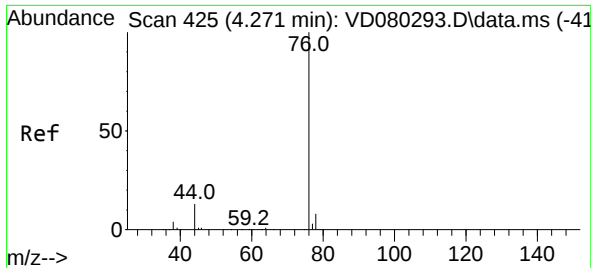
Tgt Ion: 43 Resp: 62782

Ion Ratio Lower Upper

43 100

58 28.6 22.9 34.3





#17

Carbon Disulfide

Concen: 41.639 ug/l

RT: 4.271 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

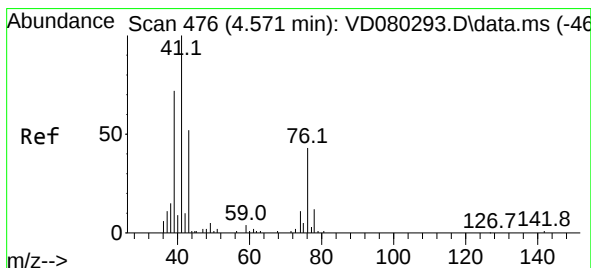
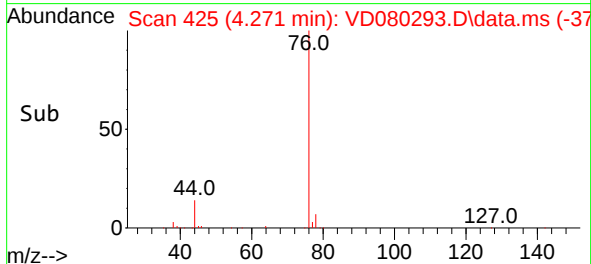
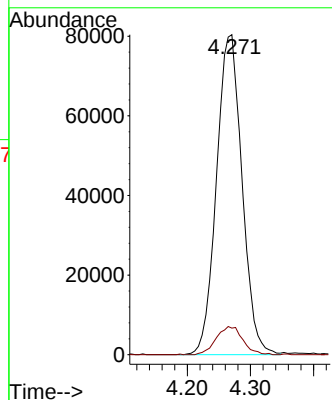
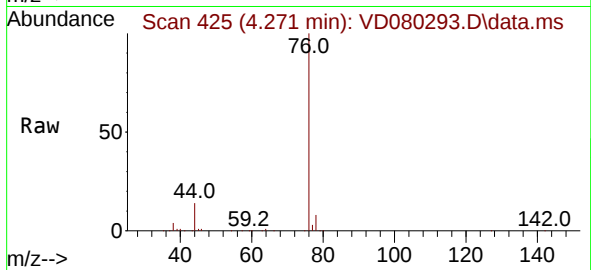
VSTDICCC050

Tgt Ion: 76 Resp: 225804

Ion Ratio Lower Upper

76 100

78 8.3 6.6 10.0



#18

Methyl Acetate

Concen: 41.614 ug/l

RT: 4.571 min Scan# 476

Delta R.T. 0.000 min

Lab File: VD080293.D

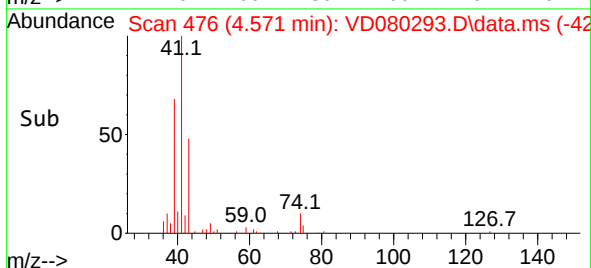
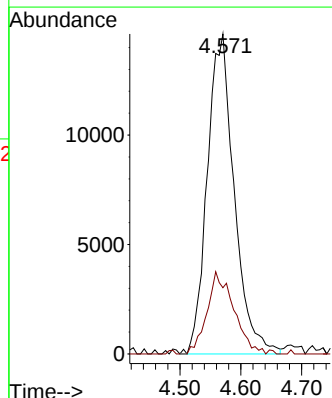
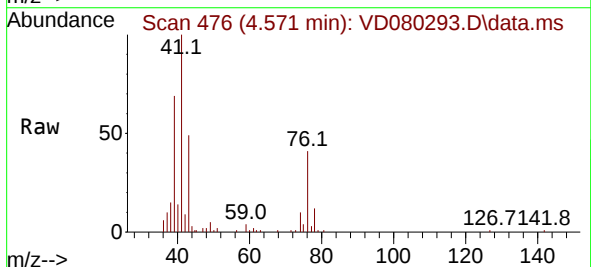
Acq: 06 May 2025 14:51

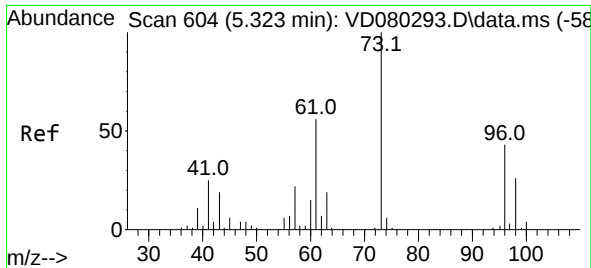
Tgt Ion: 43 Resp: 44979

Ion Ratio Lower Upper

43 100

74 25.5 20.4 30.6

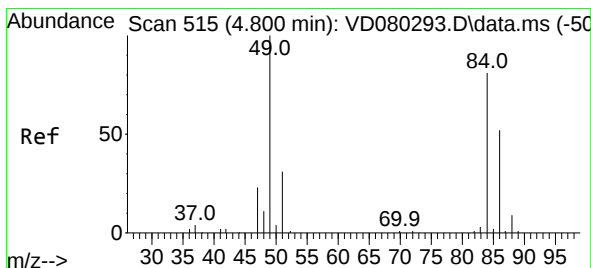
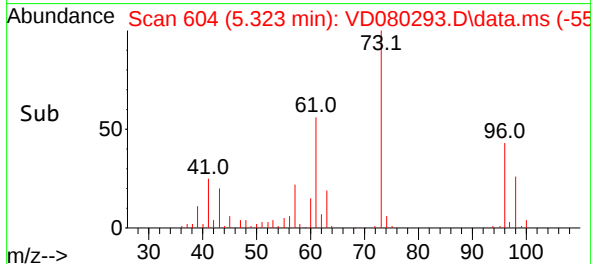
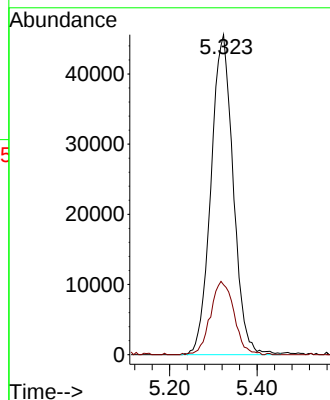
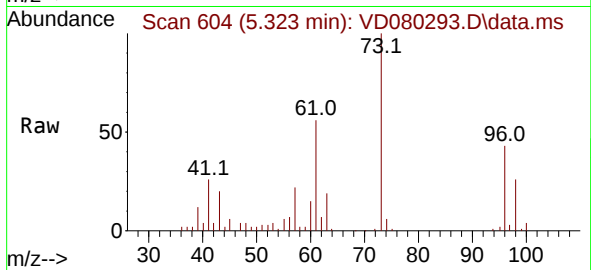




#19
Methyl tert-butyl Ether
Concen: 46.874 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

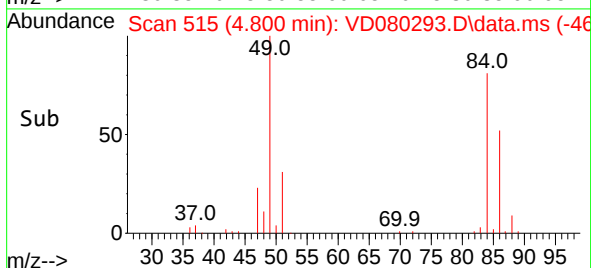
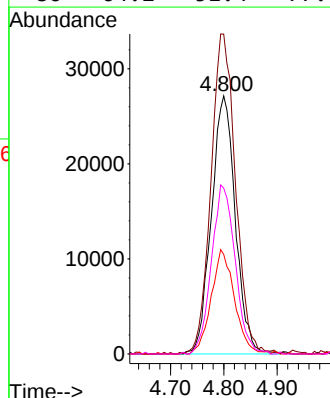
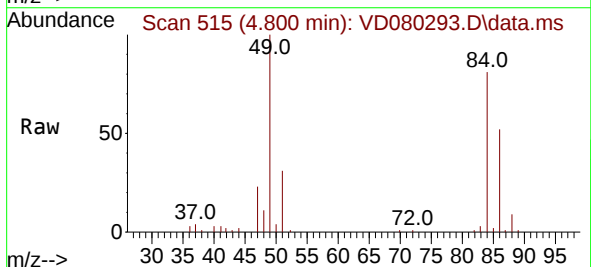
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

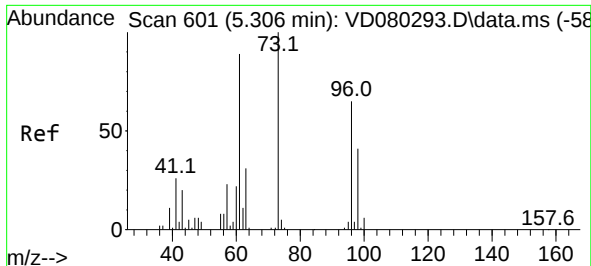
Tgt Ion: 73 Resp: 160814
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 47.369 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 84 Resp: 84733
Ion Ratio Lower Upper
84 100
49 123.4 98.7 148.1
51 38.5 30.8 46.2
86 64.2 51.4 77.0

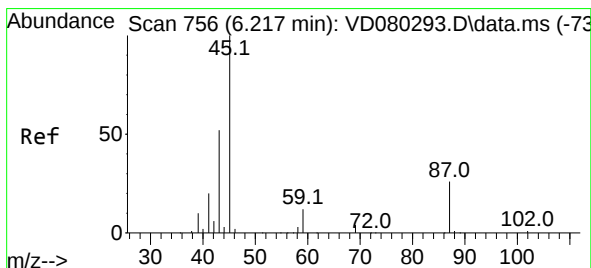
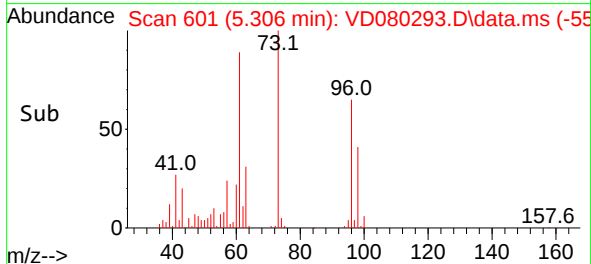
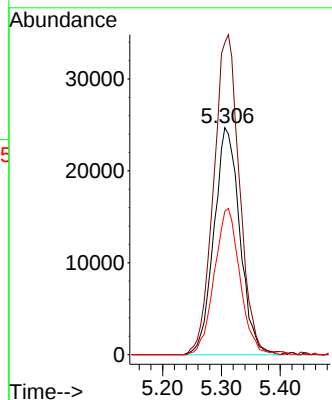
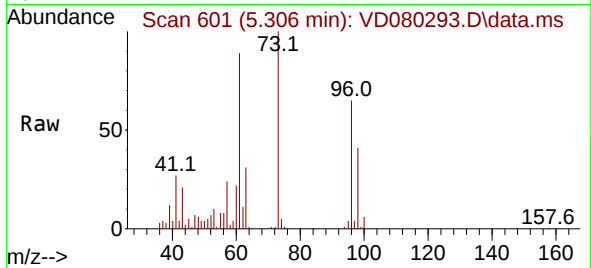




#21
trans-1,2-Dichloroethene
Concen: 44.419 ug/l
RT: 5.306 min Scan# 601
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

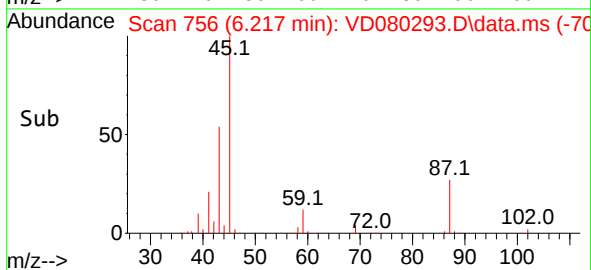
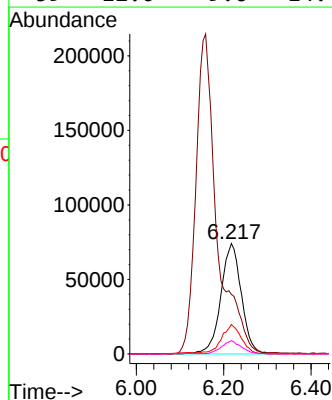
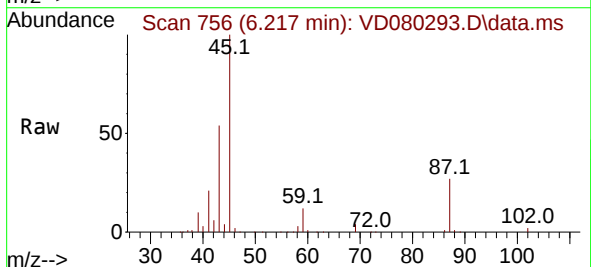
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

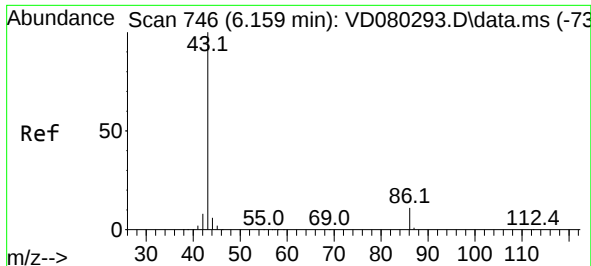
Tgt Ion: 96 Resp: 75359
Ion Ratio Lower Upper
96 100
61 137.4 109.9 164.9
98 63.2 50.6 75.8



#22
Diisopropyl ether
Concen: 47.662 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 45 Resp: 241140
Ion Ratio Lower Upper
45 100
43 53.1 42.5 63.7
87 26.7 21.4 32.0
59 12.0 9.6 14.4

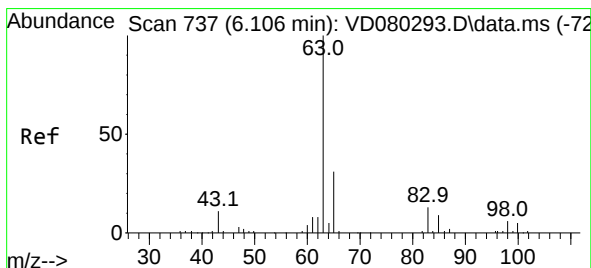
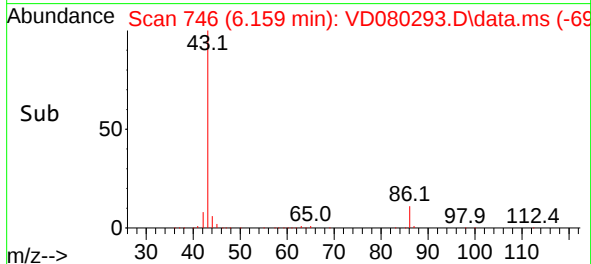
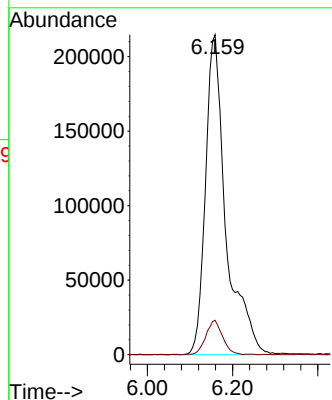
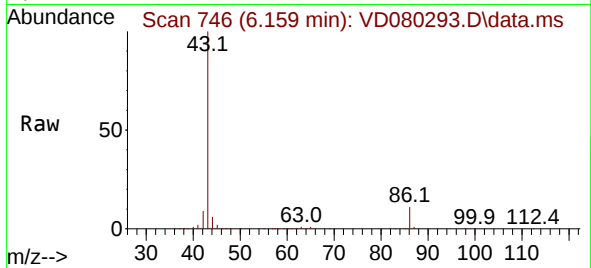




#23
 Vinyl Acetate
 Concen: 243.576 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

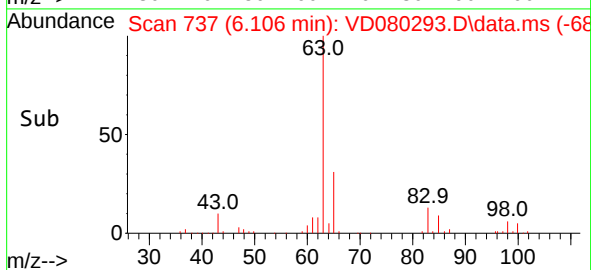
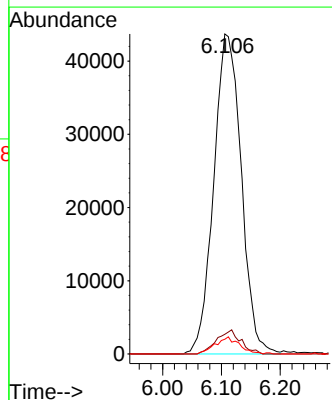
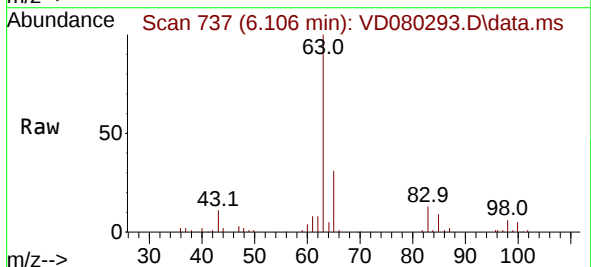
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

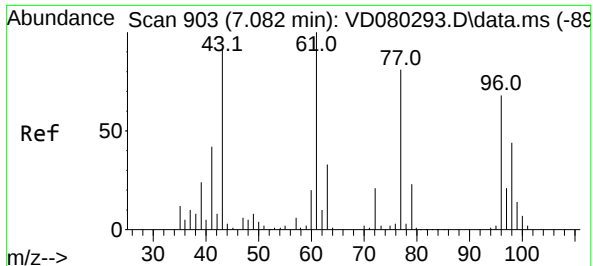
Tgt Ion: 43 Resp: 717743
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 44.623 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

Tgt Ion: 63 Resp: 142067
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 4.6 2.3 6.9





#25

2-Butanone

Concen: 233.978 ug/l

RT: 7.082 min Scan# 903

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

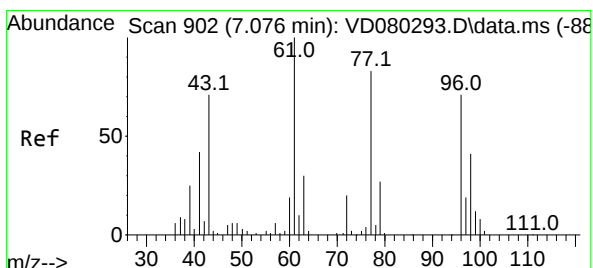
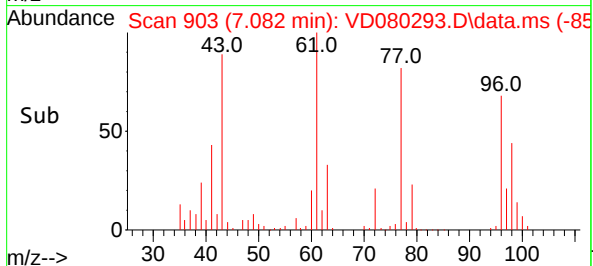
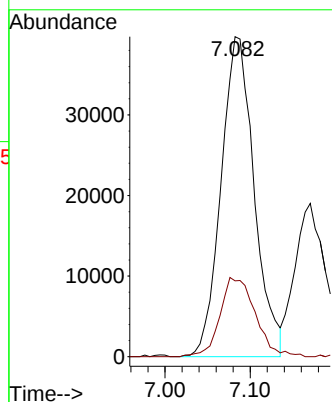
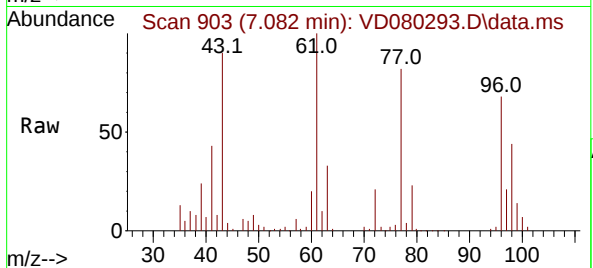
VSTDICCC050

Tgt Ion: 43 Resp: 107372

Ion Ratio Lower Upper

43 100

72 23.7 19.0 28.4



#26

2,2-Dichloropropane

Concen: 44.895 ug/l

RT: 7.076 min Scan# 902

Delta R.T. 0.000 min

Lab File: VD080293.D

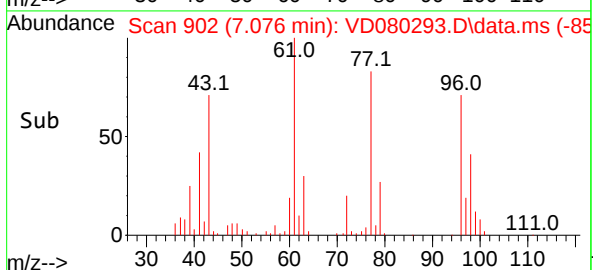
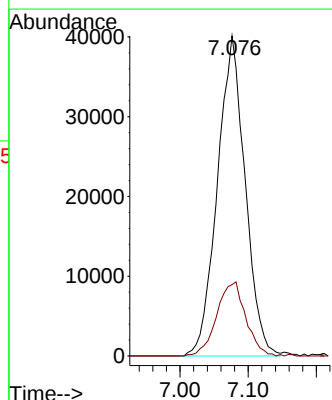
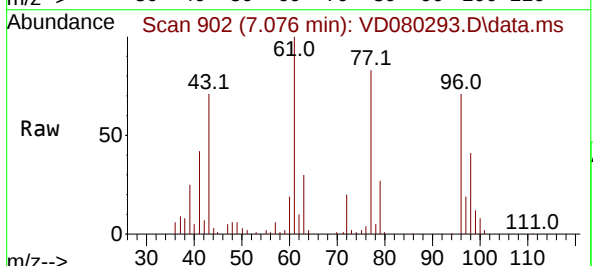
Acq: 06 May 2025 14:51

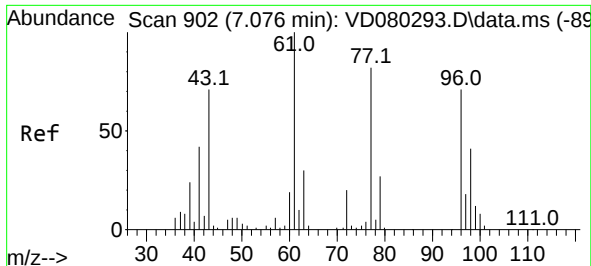
Tgt Ion: 77 Resp: 113734

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 45.490 ug/l

RT: 7.076 min Scan# 902

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

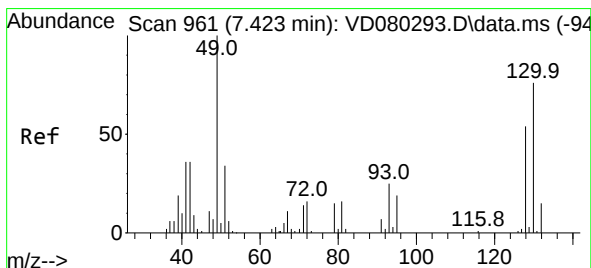
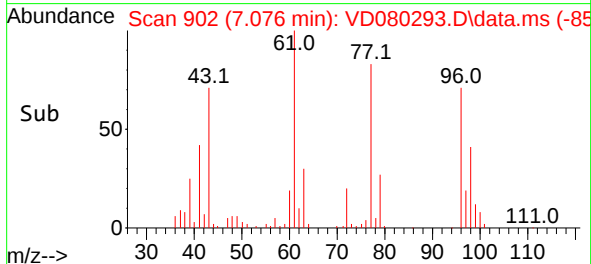
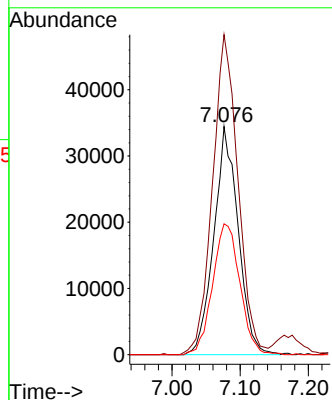
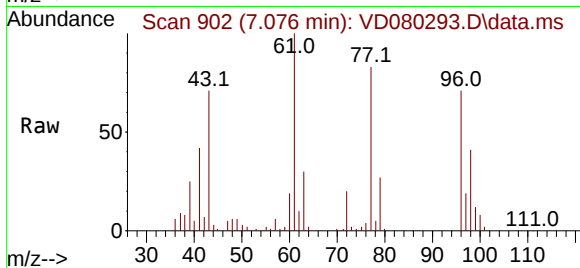
Tgt Ion: 96 Resp: 85505

Ion Ratio Lower Upper

96 100

61 146.9 0.0 293.8

98 64.4 0.0 128.8



#28

Bromochloromethane

Concen: 46.680 ug/l

RT: 7.423 min Scan# 961

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

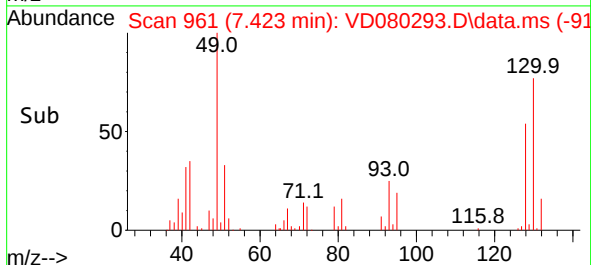
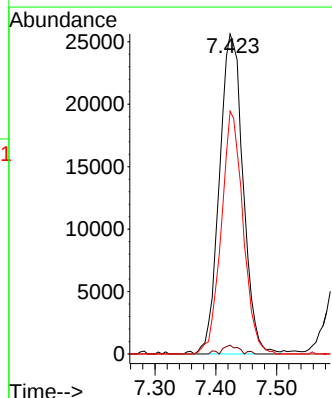
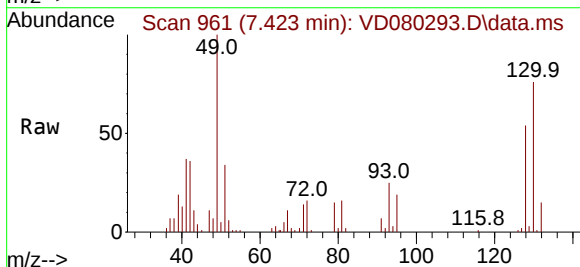
Tgt Ion: 49 Resp: 69195

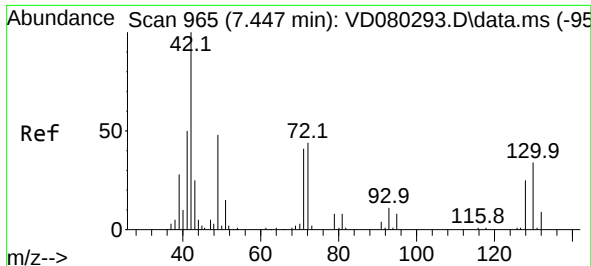
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 70.0 56.0 84.0





#29

Tetrahydrofuran

Concen: 238.175 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

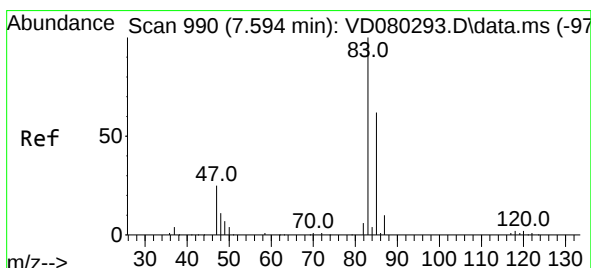
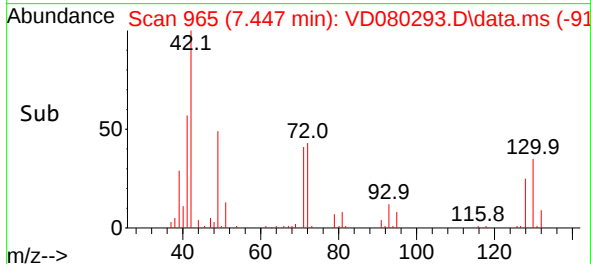
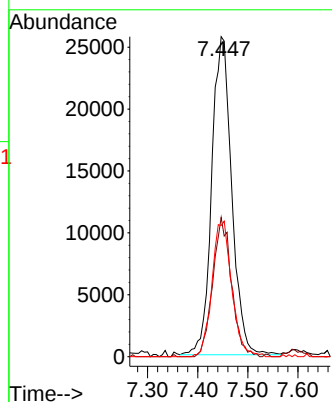
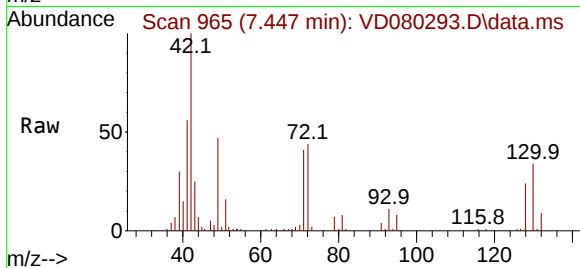
Tgt Ion: 42 Resp: 71264

Ion Ratio Lower Upper

42 100

72 41.0 32.8 49.2

71 42.2 33.8 50.6



#30

Chloroform

Concen: 44.977 ug/l

RT: 7.594 min Scan# 990

Delta R.T. 0.000 min

Lab File: VD080293.D

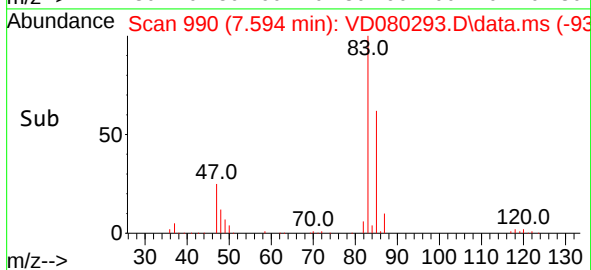
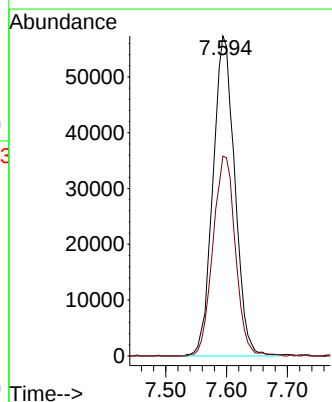
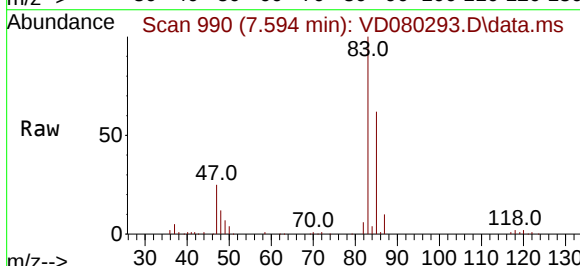
Acq: 06 May 2025 14:51

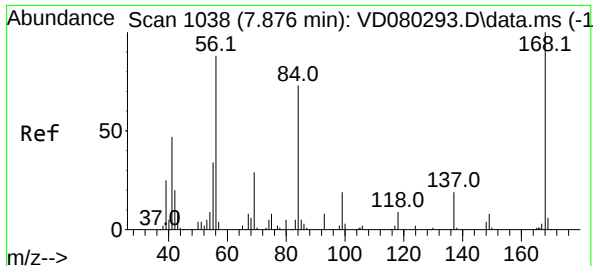
Tgt Ion: 83 Resp: 142796

Ion Ratio Lower Upper

83 100

85 62.5 50.0 75.0





#31

Cyclohexane

Concen: 43.753 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

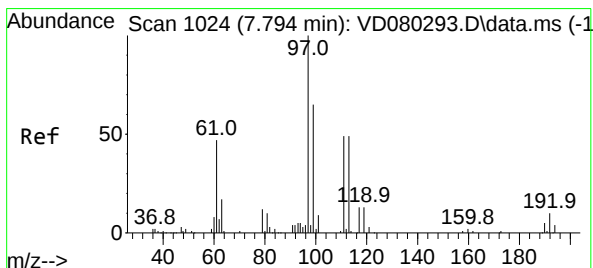
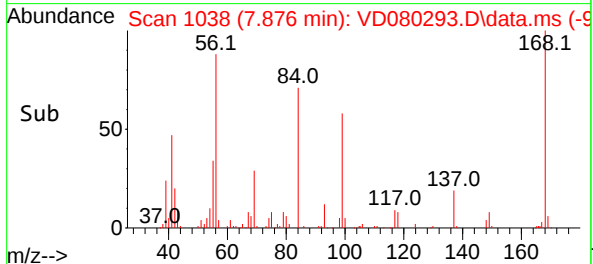
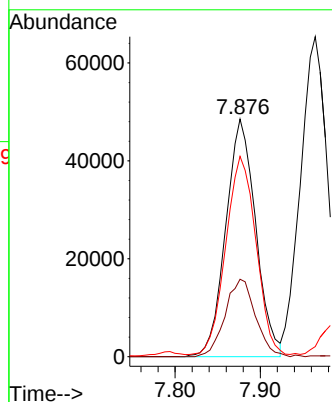
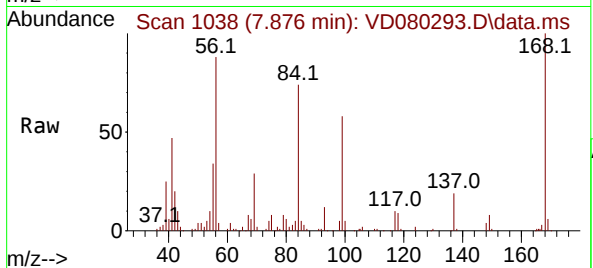
Tgt Ion: 56 Resp: 118553

Ion Ratio Lower Upper

56 100

69 32.6 26.1 39.1

84 83.1 66.5 99.7



#32

1,1,1-Trichloroethane

Concen: 44.690 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

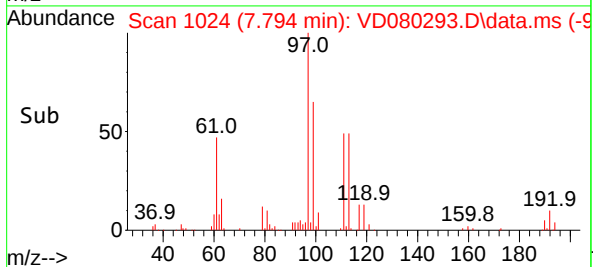
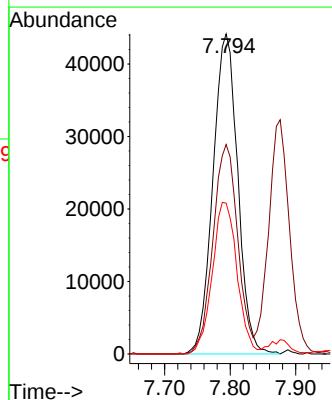
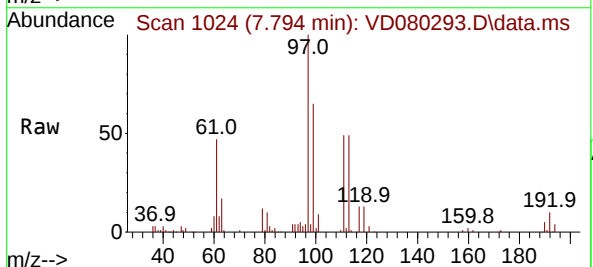
Tgt Ion: 97 Resp: 115758

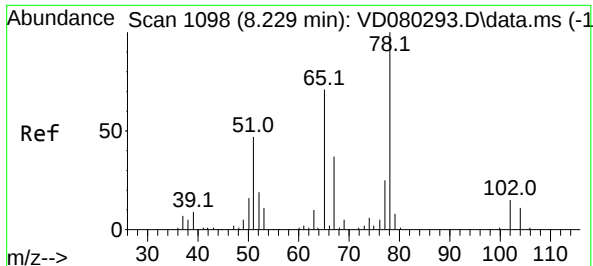
Ion Ratio Lower Upper

97 100

99 65.5 52.4 78.6

61 47.4 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 45.642 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

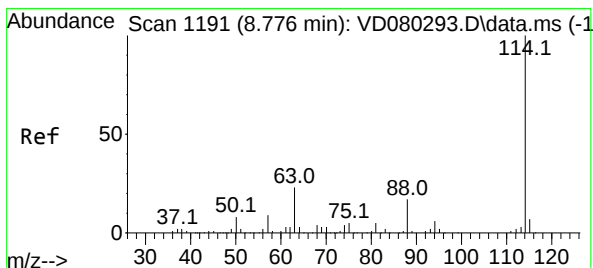
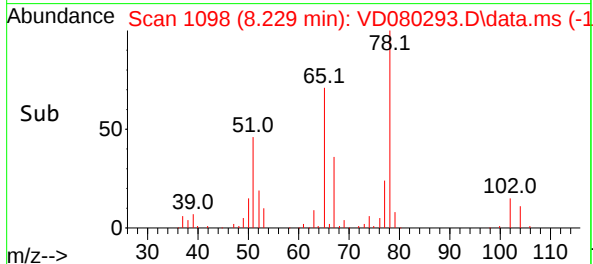
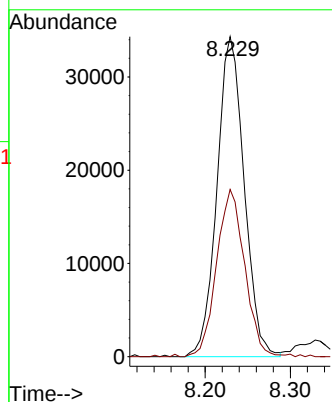
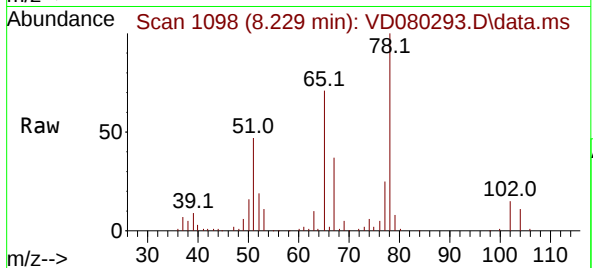
VSTDICCC050

Tgt Ion: 65 Resp: 76123

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

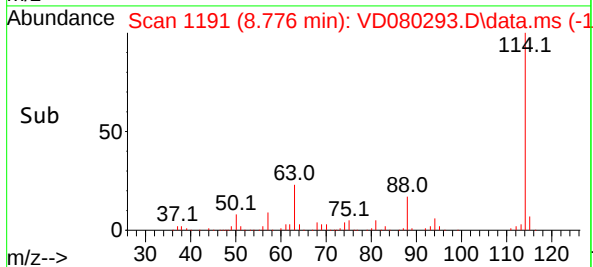
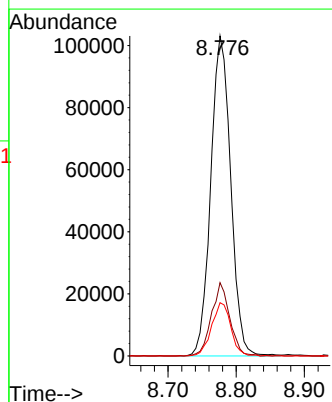
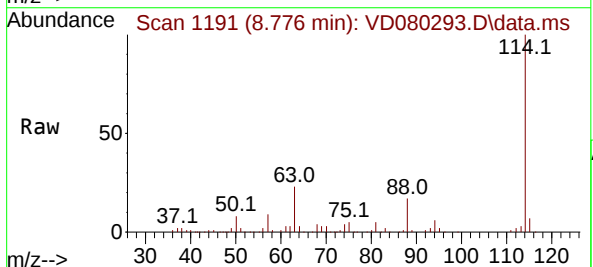
Tgt Ion: 114 Resp: 210047

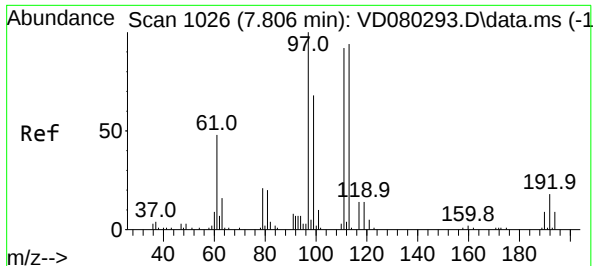
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.899 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

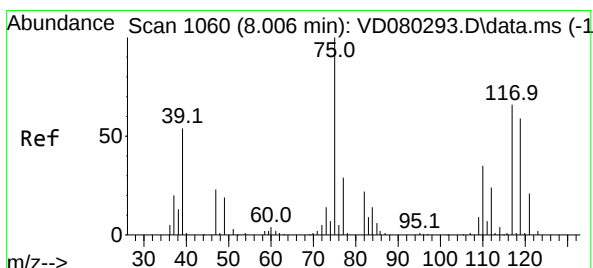
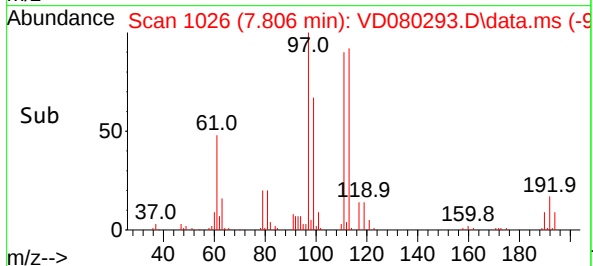
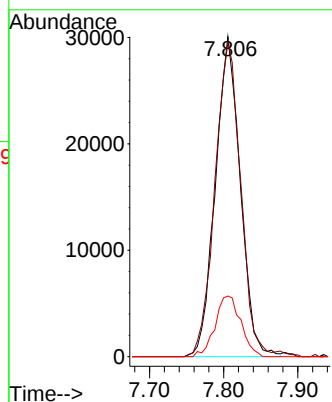
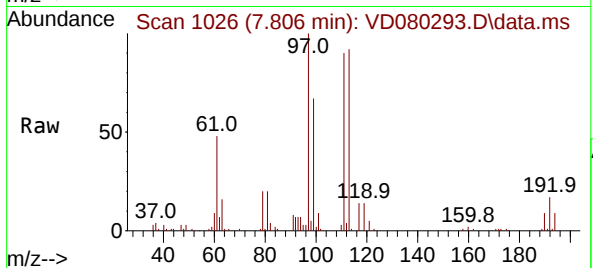
Tgt Ion:113 Resp: 70249

Ion Ratio Lower Upper

113 100

111 100.9 80.7 121.1

192 19.6 15.7 23.5



#36

1,1-Dichloropropene

Concen: 47.404 ug/l

RT: 8.006 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

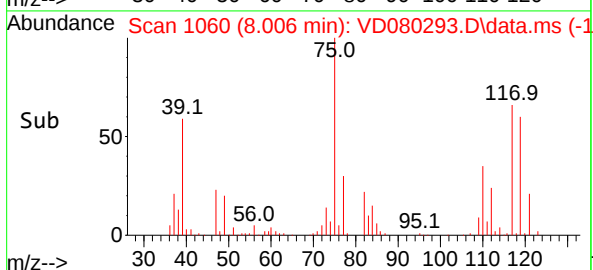
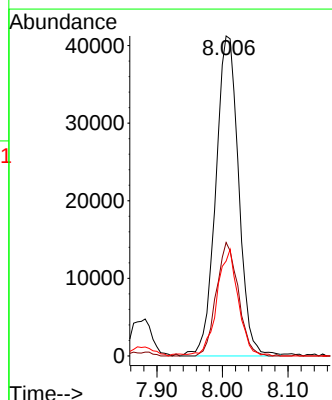
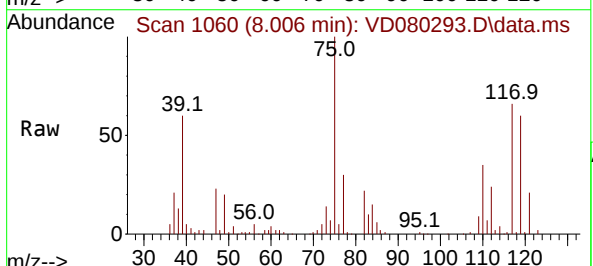
Tgt Ion: 75 Resp: 99739

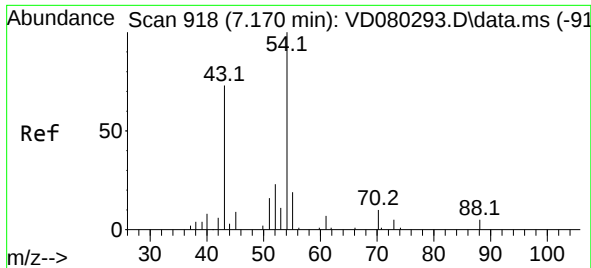
Ion Ratio Lower Upper

75 100

110 34.1 17.1 51.2

77 31.1 24.9 37.3

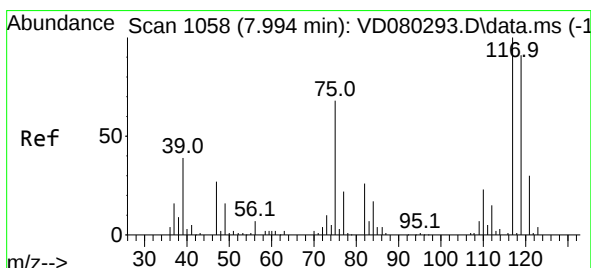
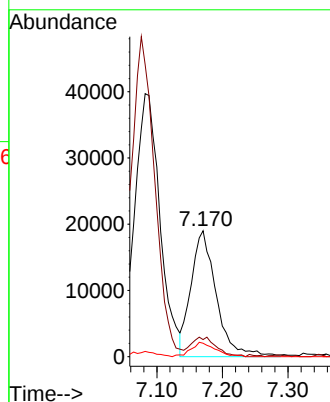
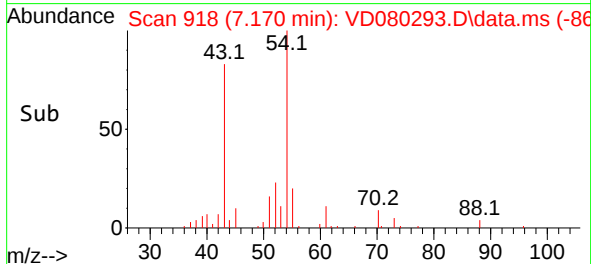
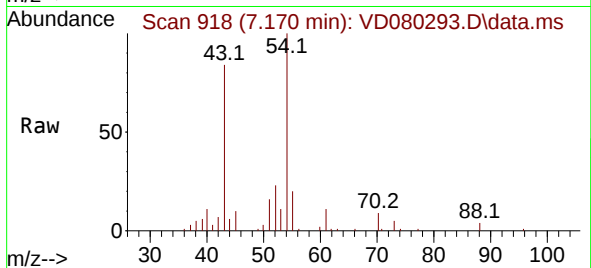




#37
Ethyl Acetate
Concen: 46.506 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

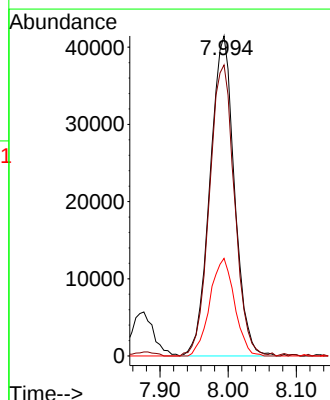
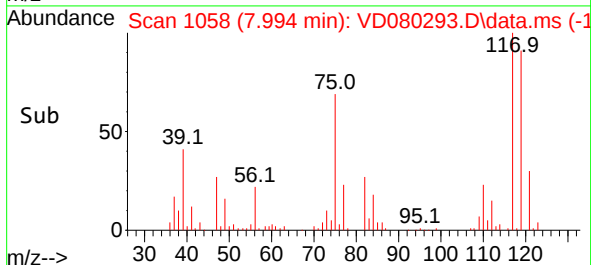
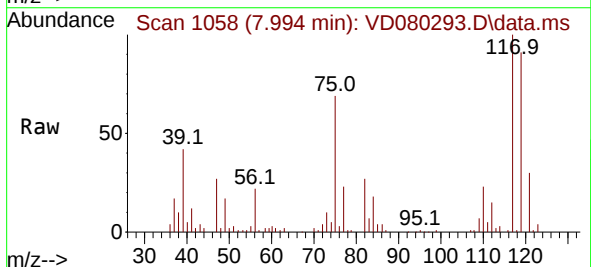
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

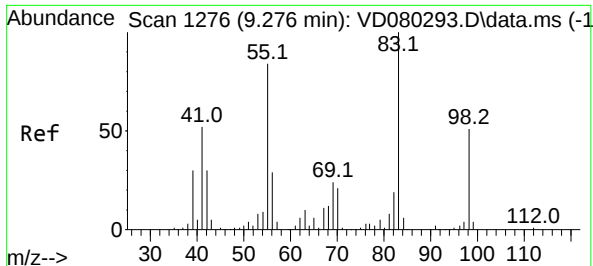
Tgt Ion: 43	Resp: 51033
Ion Ratio	Lower Upper
43 100	
61 15.3	12.2 18.4
70 10.9	8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.075 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion:117	Resp:	103294	
Ion	Ratio	Lower	Upper
117	100		
119	90.9	72.7	109.1
121	30.5	24.4	36.6





#39

Methylcyclohexane

Concen: 46.784 ug/l

RT: 9.276 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

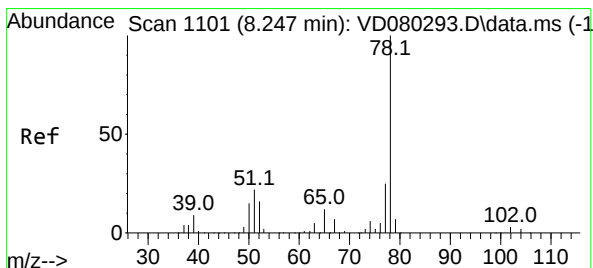
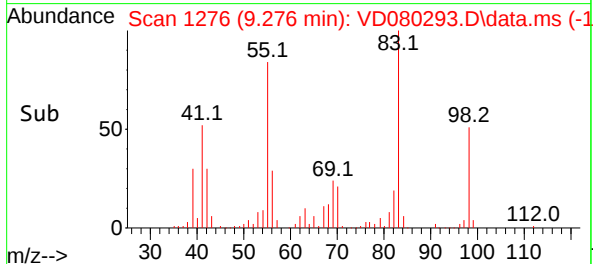
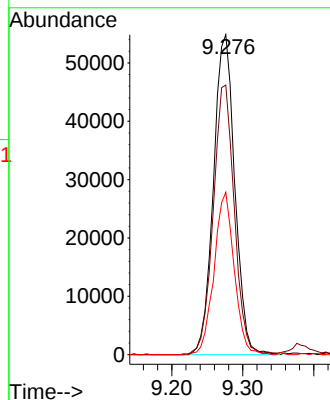
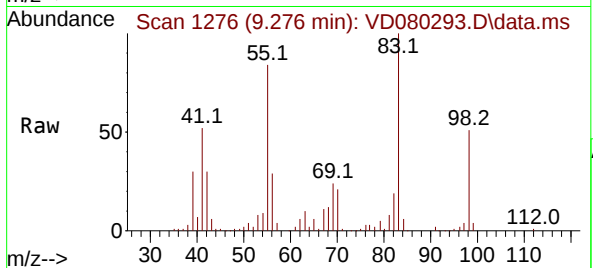
Tgt Ion: 83 Resp: 114223

Ion Ratio Lower Upper

83 100

55 84.3 67.4 101.2

98 50.8 40.6 61.0



#40

Benzene

Concen: 46.576 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VD080293.D

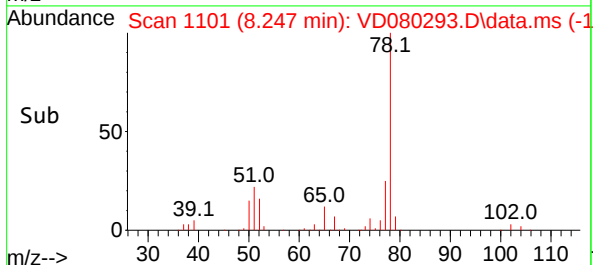
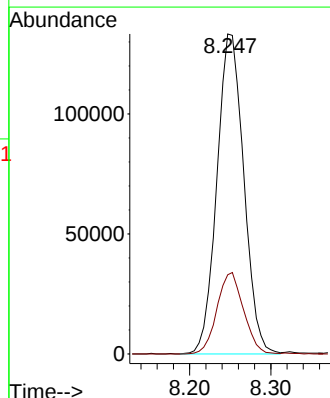
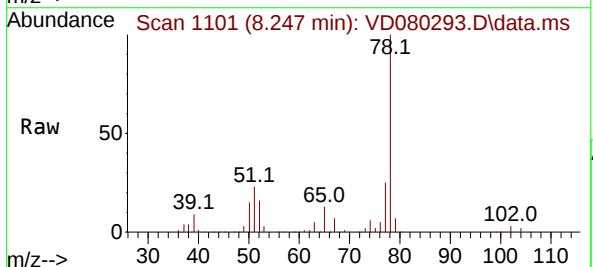
Acq: 06 May 2025 14:51

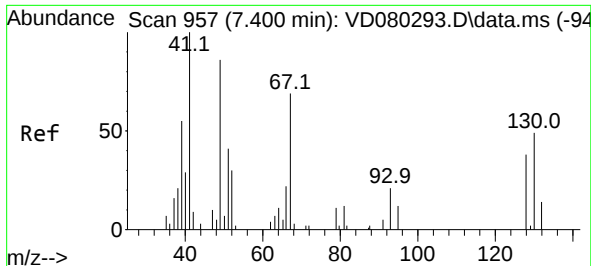
Tgt Ion: 78 Resp: 307055

Ion Ratio Lower Upper

78 100

77 24.8 19.8 29.8



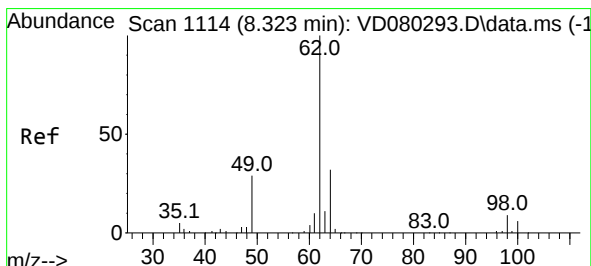
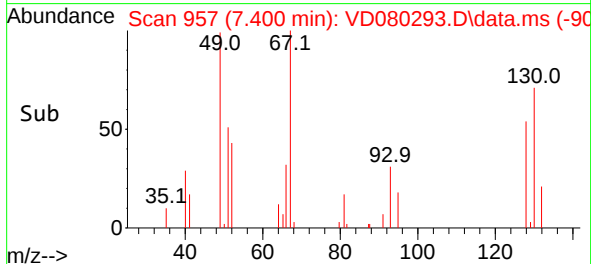
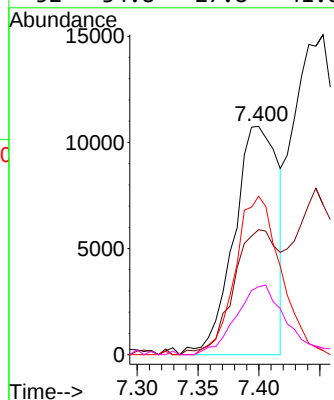
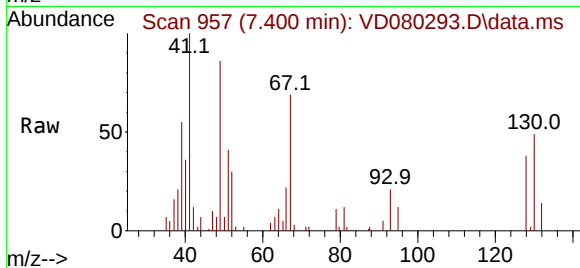


#41
Methacrylonitrile
Concen: 44.472 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 27077

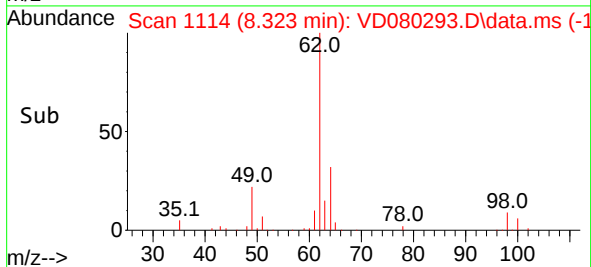
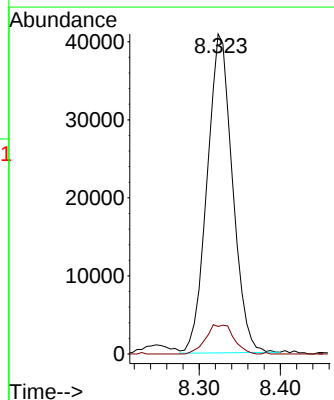
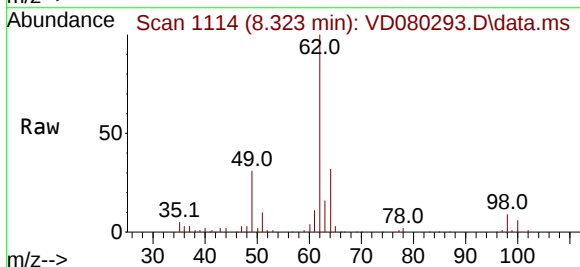
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.4	66.6
67	71.4	57.1	85.7
52	34.8	27.8	41.8

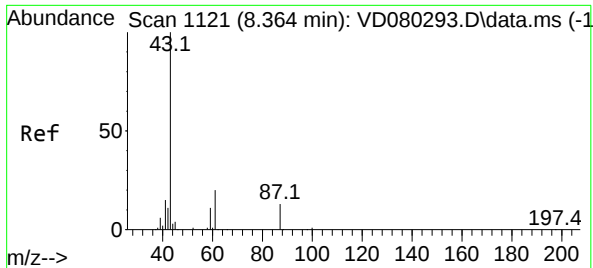


#42
1,2-Dichloroethane
Concen: 46.397 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 62 Resp: 88634

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

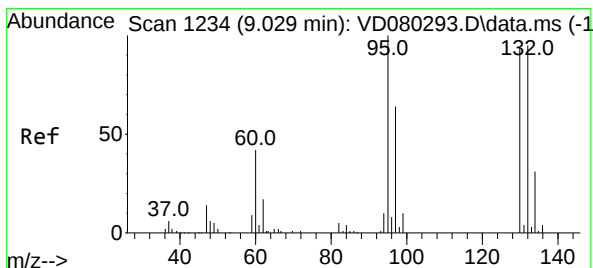
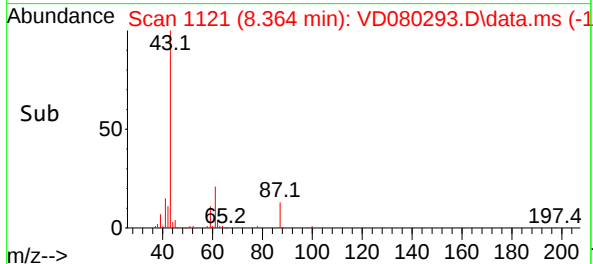
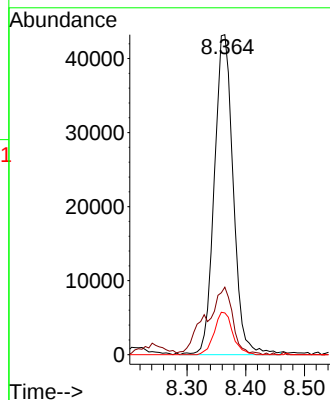
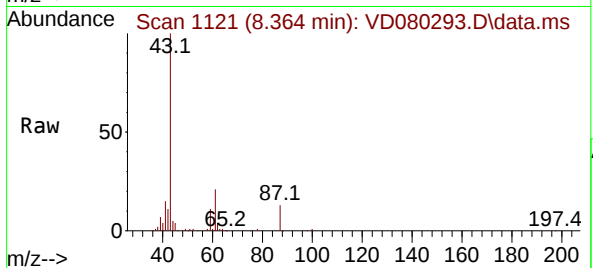




#43
Isopropyl Acetate
Concen: 48.454 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

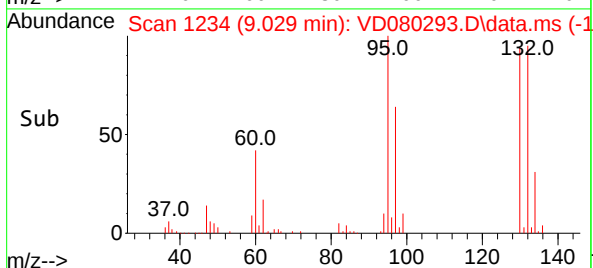
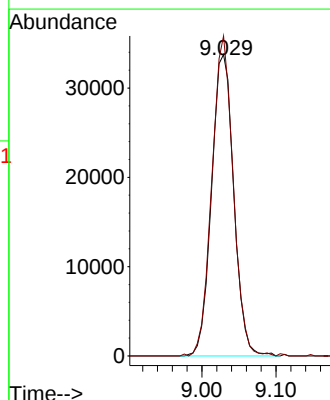
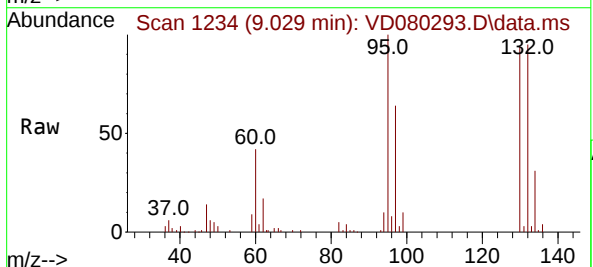
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

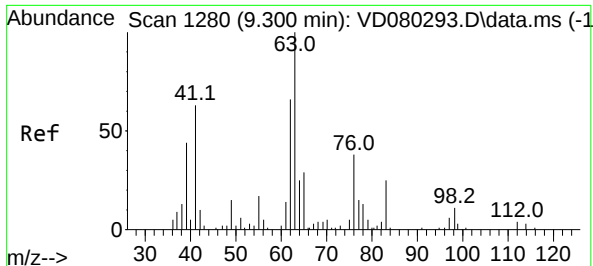
Tgt Ion: 43 Resp: 96669
Ion Ratio Lower Upper
43 100
61 20.9 16.7 25.1
87 13.0 10.4 15.6



#44
Trichloroethene
Concen: 45.794 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion:130 Resp: 70080
Ion Ratio Lower Upper
130 100
95 106.1 0.0 212.2





#45

1,2-Dichloropropane

Concen: 47.901 ug/l

RT: 9.300 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

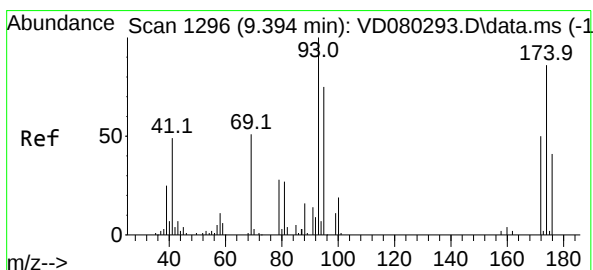
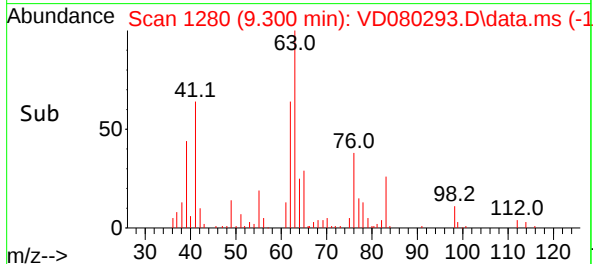
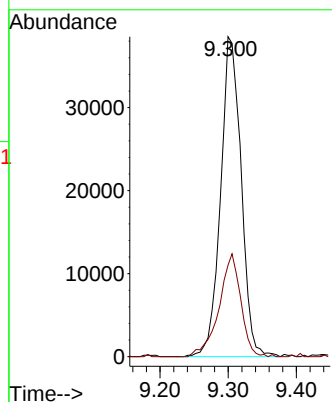
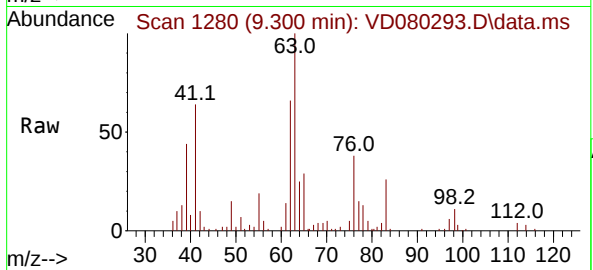
VSTDICCC050

Tgt Ion: 63 Resp: 80989

Ion Ratio Lower Upper

63 100

65 28.6 22.9 34.3



#46

Dibromomethane

Concen: 47.673 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

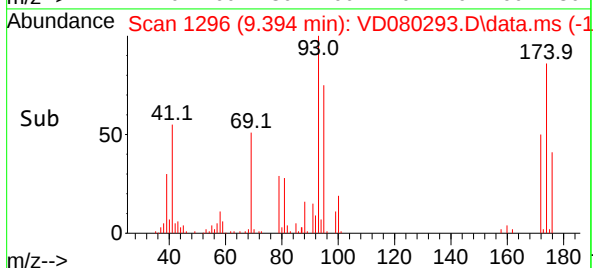
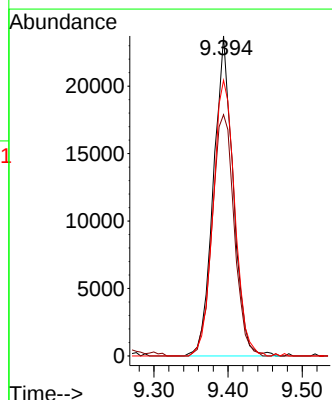
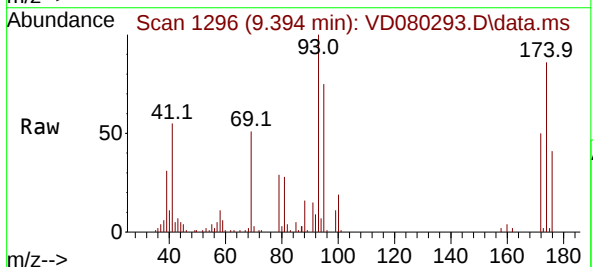
Tgt Ion: 93 Resp: 43885

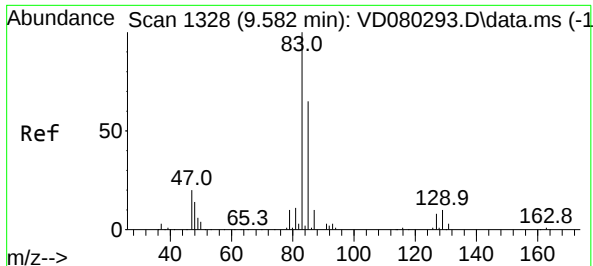
Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

174 94.4 75.5 113.3

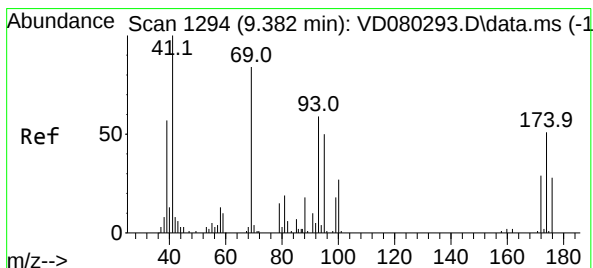
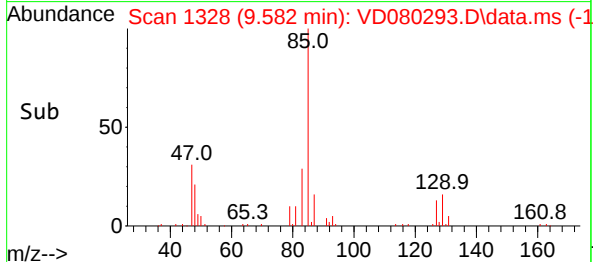
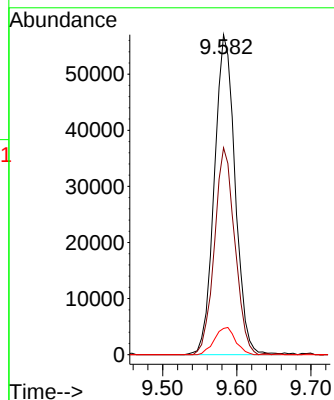
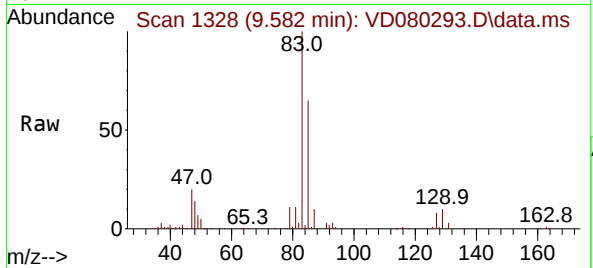




#47
Bromodichloromethane
Concen: 47.431 ug/l
RT: 9.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

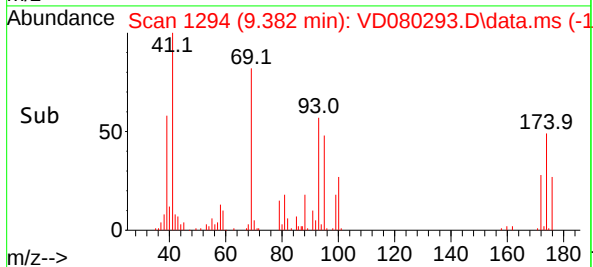
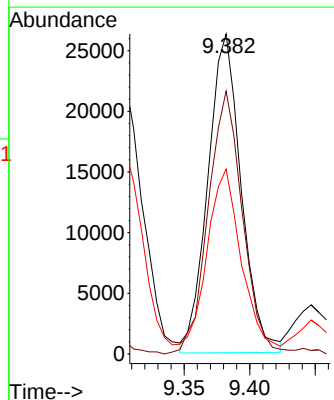
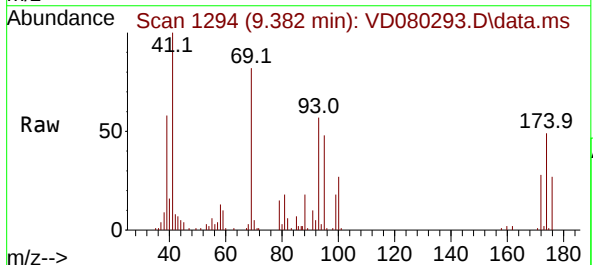
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

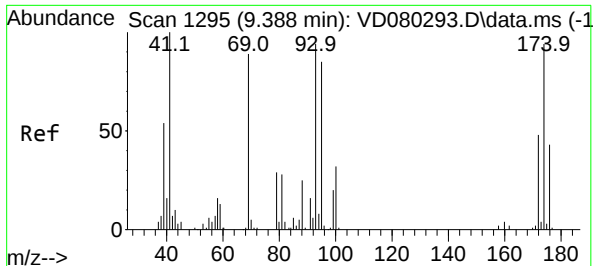
Tgt Ion: 83 Resp: 110822
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 48.938 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 41 Resp: 46391
Ion Ratio Lower Upper
41 100
69 84.8 67.8 101.8
39 59.4 47.5 71.3





#49

1,4-Dioxane

Concen: 971.810 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

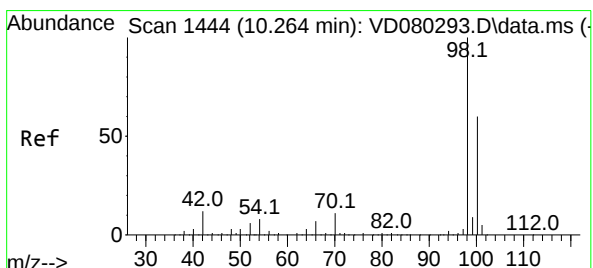
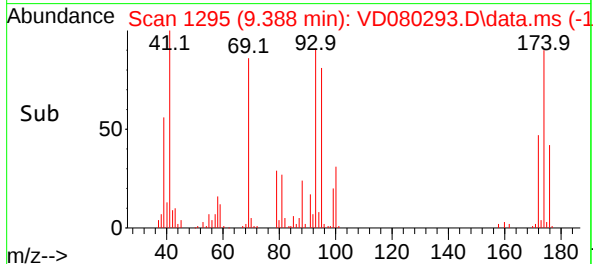
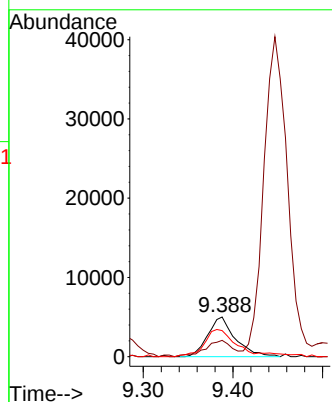
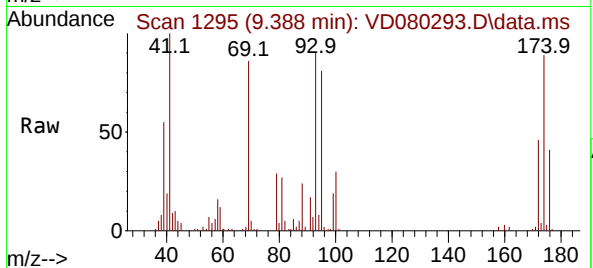
Tgt Ion: 88 Resp: 10636

Ion Ratio Lower Upper

88 100

43 39.3 31.4 47.2

58 77.2 61.8 92.6



#50

Toluene-d8

Concen: 50.359 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VD080293.D

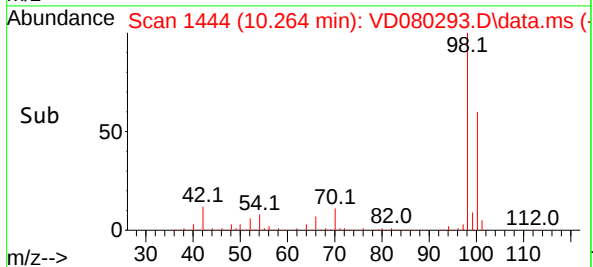
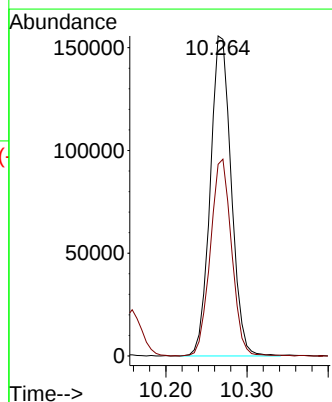
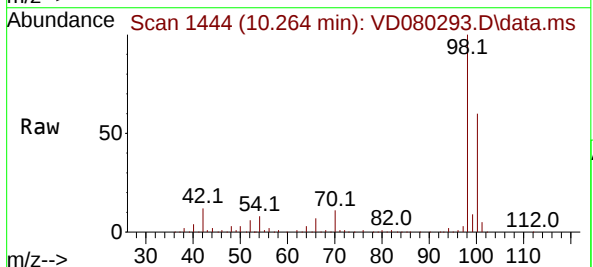
Acq: 06 May 2025 14:51

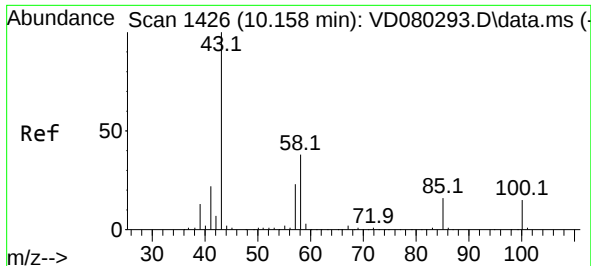
Tgt Ion: 98 Resp: 279337

Ion Ratio Lower Upper

98 100

100 62.5 50.0 75.0

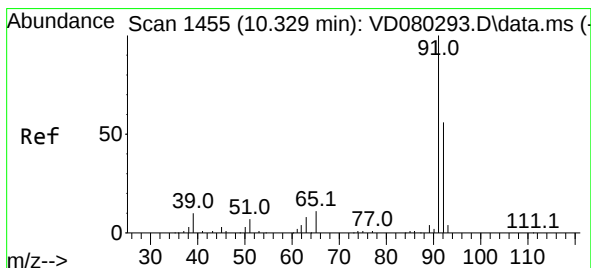
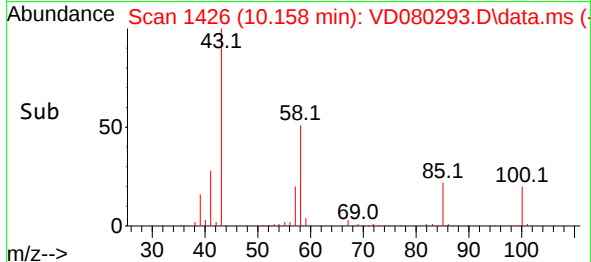
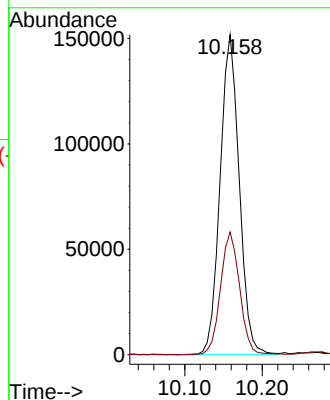
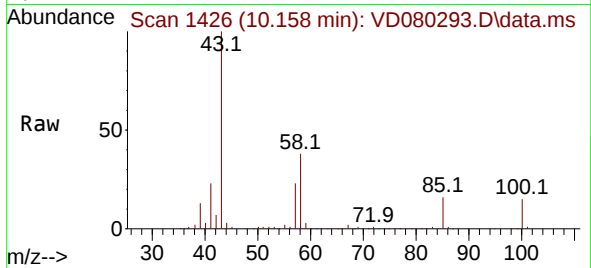




#51
4-Methyl-2-Pentanone
Concen: 253.710 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

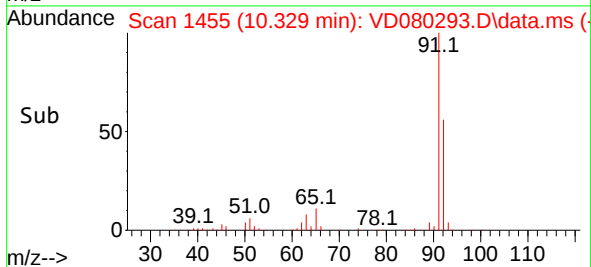
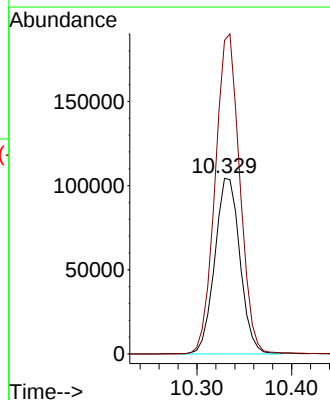
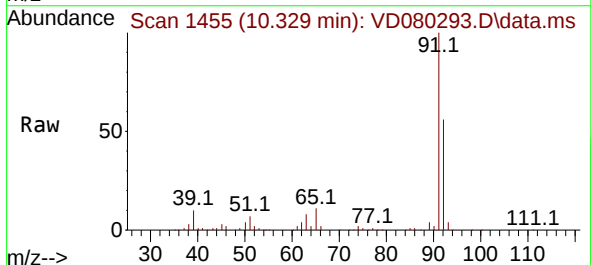
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

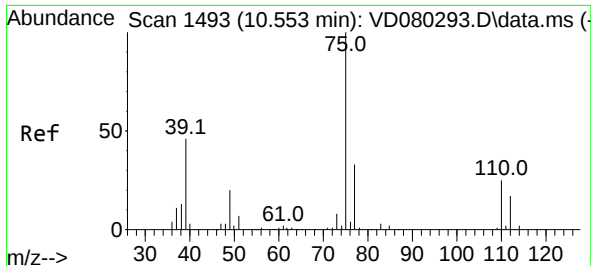
Tgt Ion: 43 Resp: 260803
Ion Ratio Lower Upper
43 100
58 38.3 30.6 46.0



#52
Toluene
Concen: 48.532 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 92 Resp: 192753
Ion Ratio Lower Upper
92 100
91 179.3 143.4 215.2

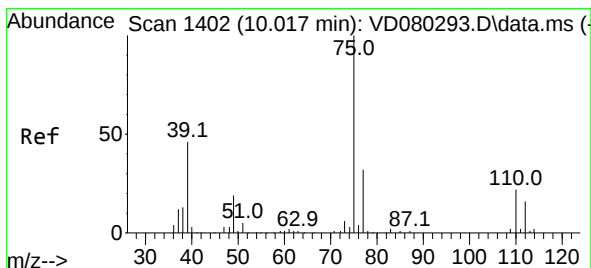
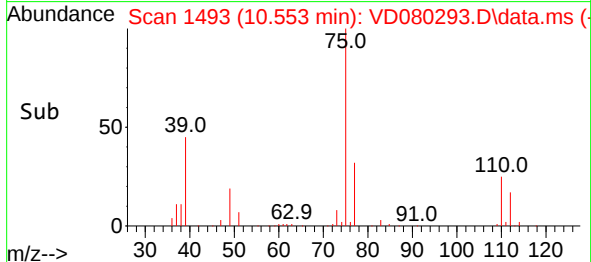
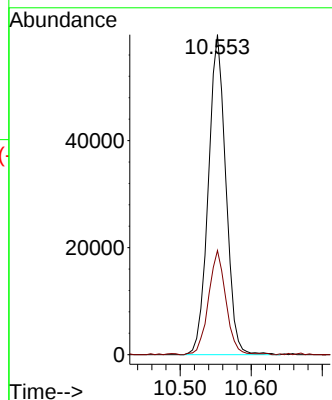
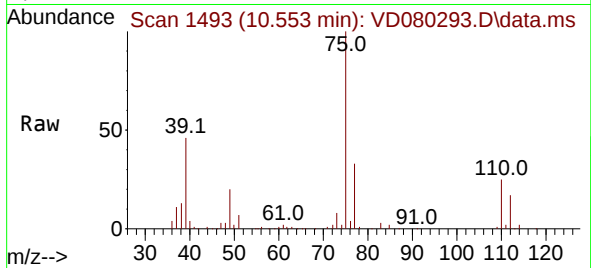




#53
 t-1,3-Dichloropropene
 Concen: 48.088 ug/l
 RT: 10.553 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

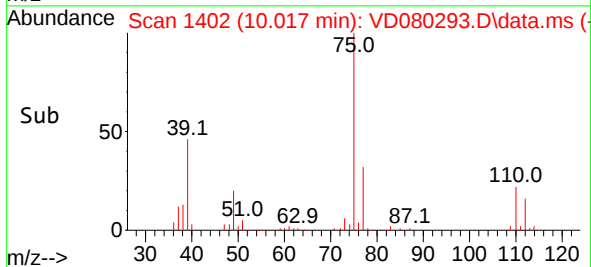
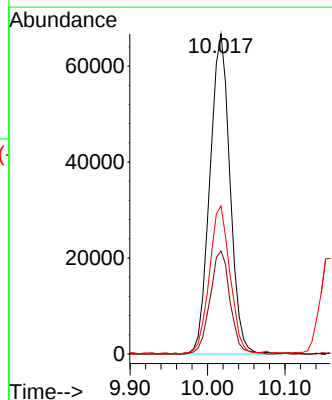
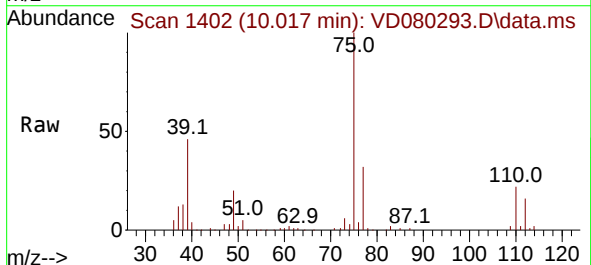
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

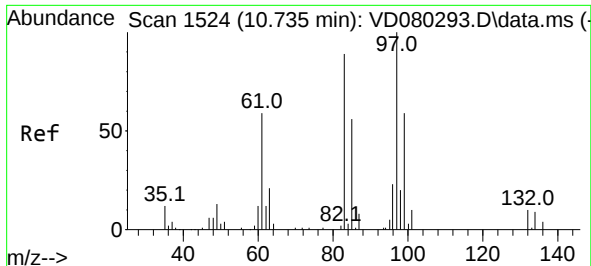
Tgt Ion: 75 Resp: 102430
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.724 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

Tgt Ion: 75 Resp: 120266
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6
 39 46.3 37.0 55.6

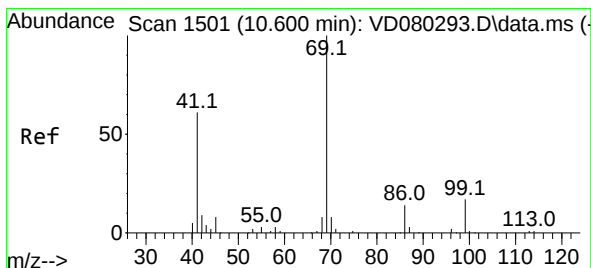
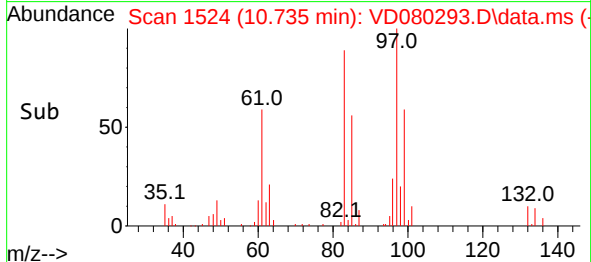
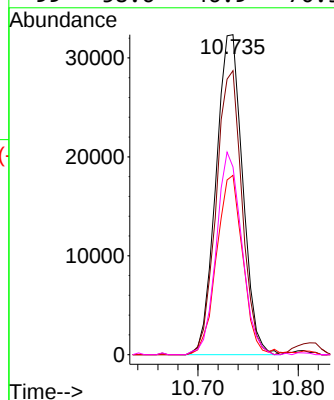
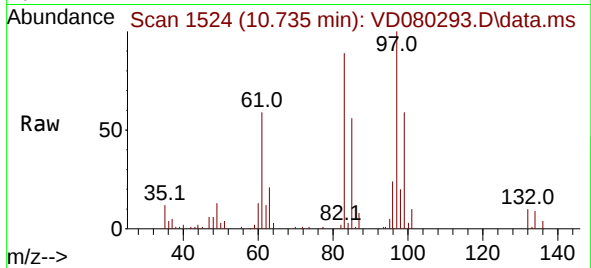




#55
1,1,2-Trichloroethane
Concen: 49.106 ug/l
RT: 10.735 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

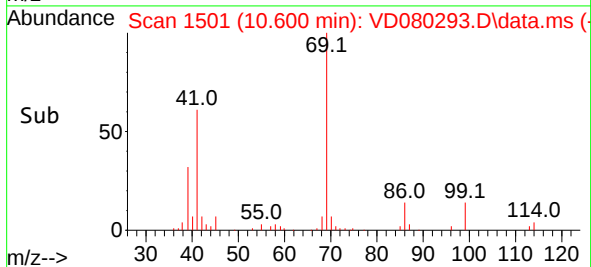
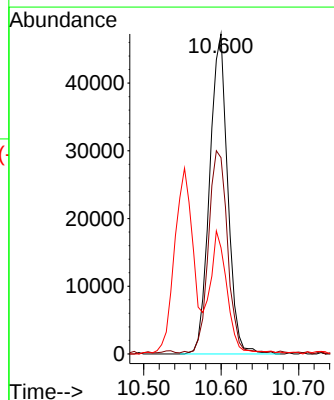
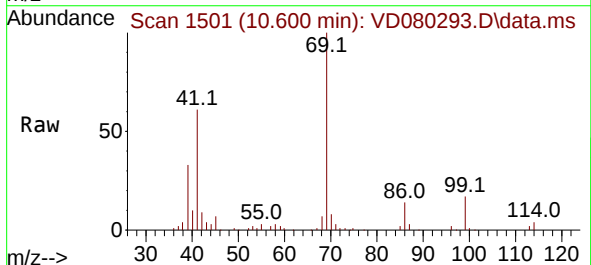
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

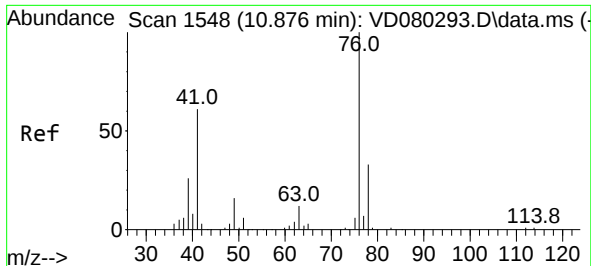
Tgt Ion:	97	Resp:	59795
Ion	Ratio	Lower	Upper
97	100		
83	88.7	71.0	106.4
85	56.1	44.9	67.3
99	58.6	46.9	70.3



#56
Ethyl methacrylate
Concen: 51.806 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion:	69	Resp:	76440
Ion	Ratio	Lower	Upper
69	100		
41	66.5	53.2	79.8
39	35.2	28.2	42.2





#57

1,3-Dichloropropane

Concen: 47.953 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

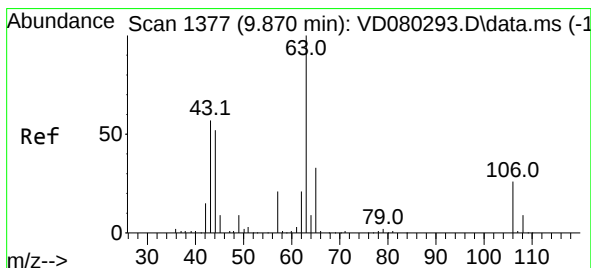
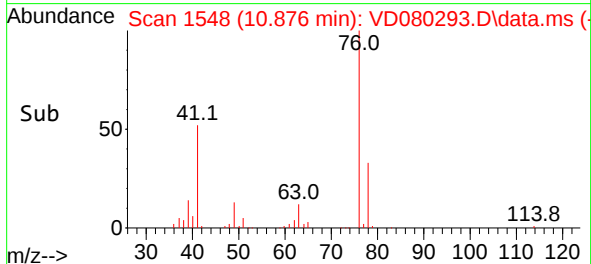
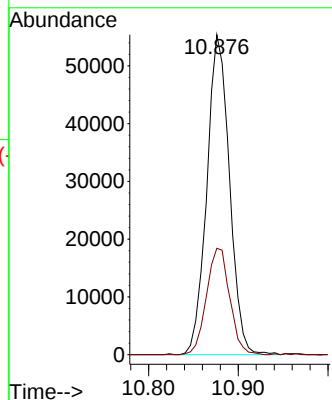
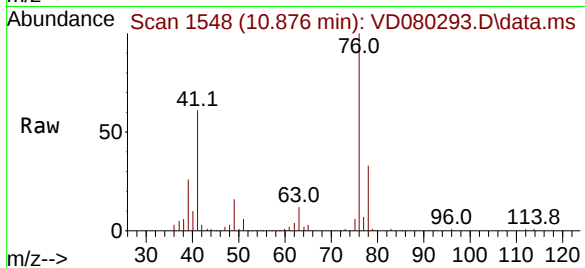
VSTDICCC050

Tgt Ion: 76 Resp: 97045

Ion Ratio Lower Upper

76 100

78 34.0 27.2 40.8



#58

2-Chloroethyl Vinyl ether

Concen: 270.621 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080293.D

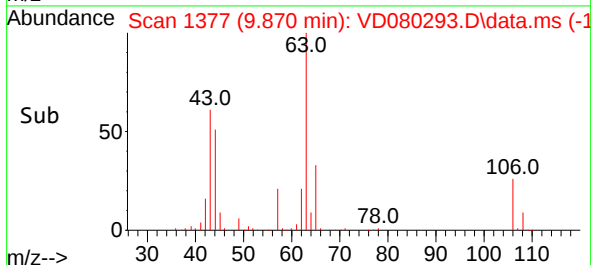
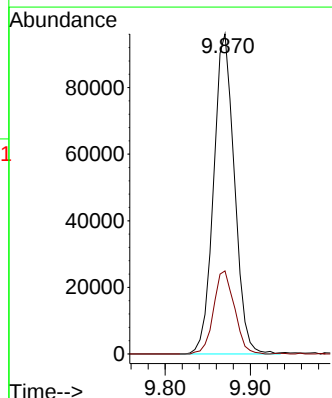
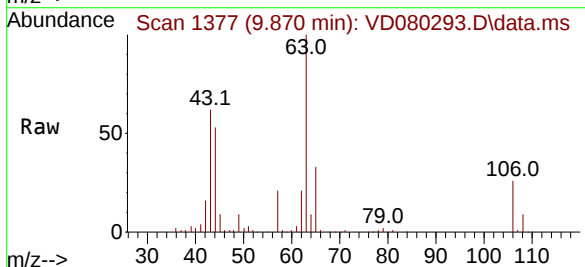
Acq: 06 May 2025 14:51

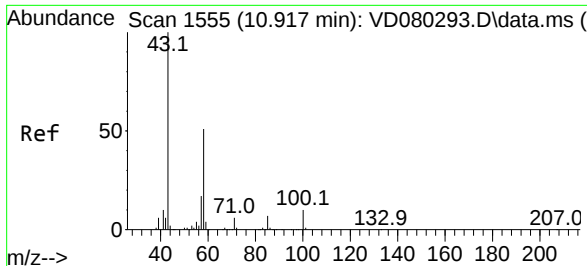
Tgt Ion: 63 Resp: 163412

Ion Ratio Lower Upper

63 100

106 26.0 20.8 31.2

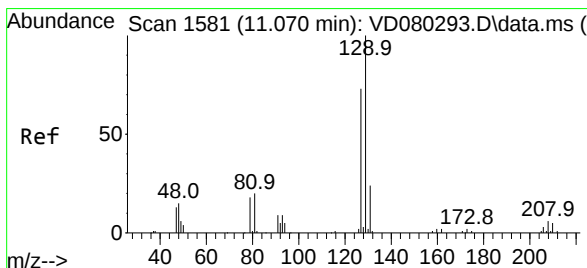
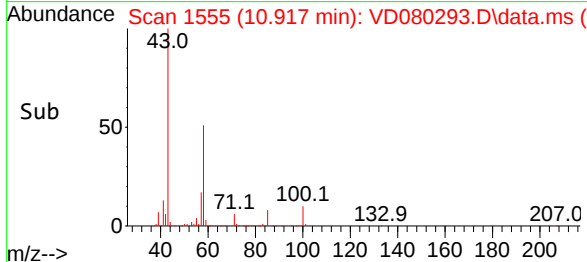
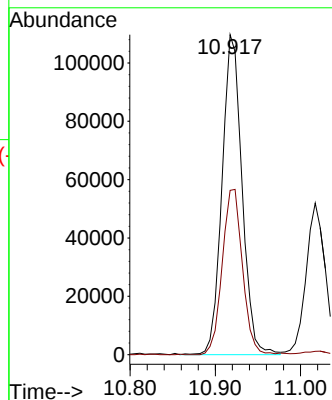
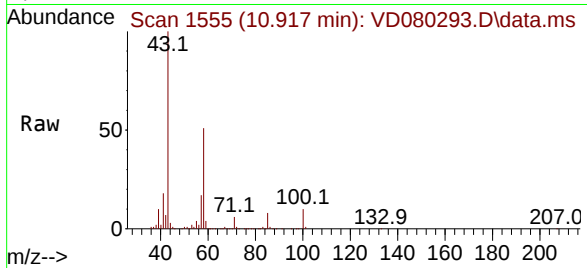




#59
2-Hexanone
Concen: 253.060 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

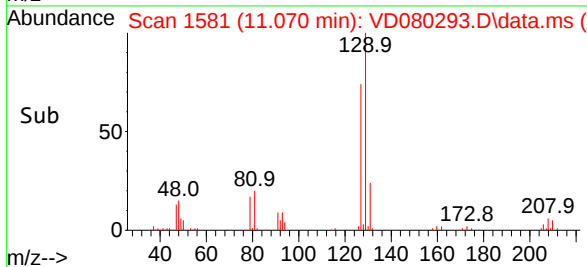
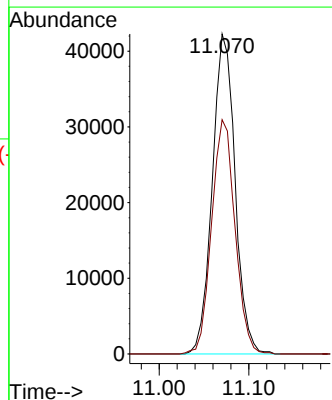
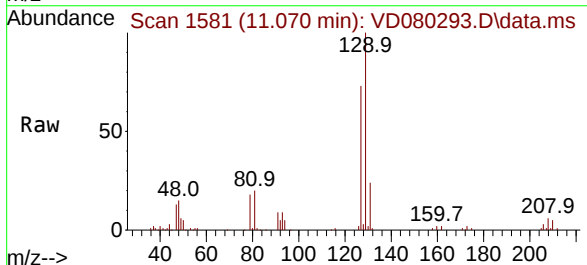
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

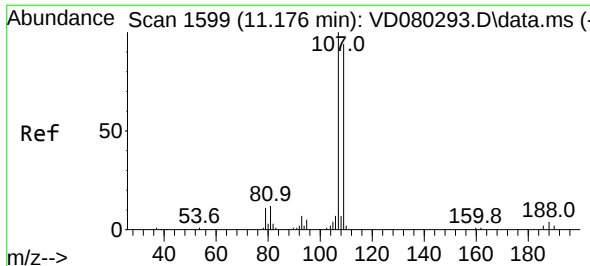
Tgt Ion: 43 Resp: 178947
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9



#60
Dibromochloromethane
Concen: 48.789 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 129 Resp: 74451
Ion Ratio Lower Upper
129 100
127 75.2 37.6 112.8

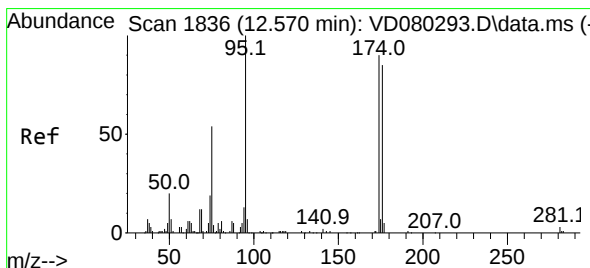
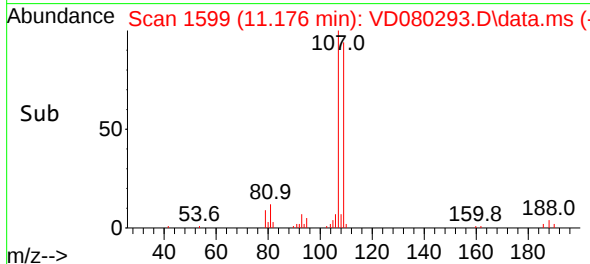
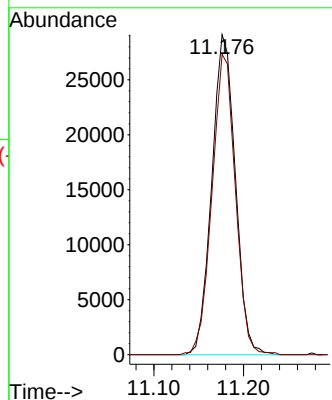
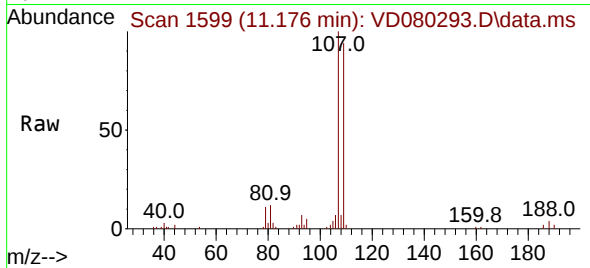




#61
1,2-Dibromoethane
Concen: 46.820 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

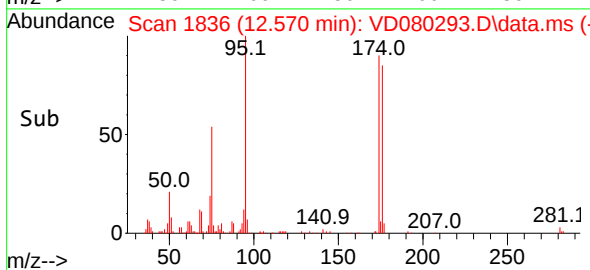
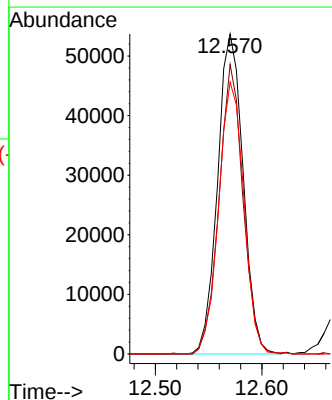
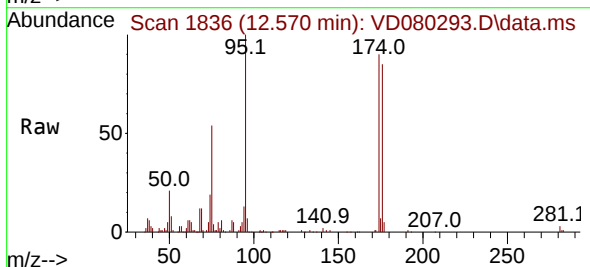
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

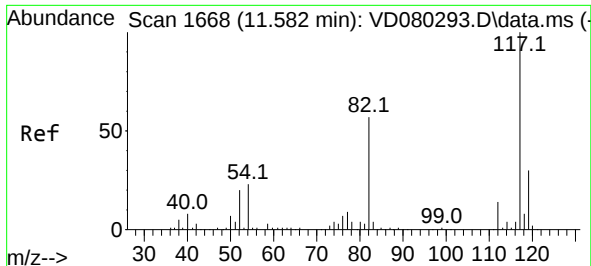
Tgt Ion:107 Resp: 52865
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.122 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 95 Resp: 89237
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.0
176 83.9 0.0 167.8

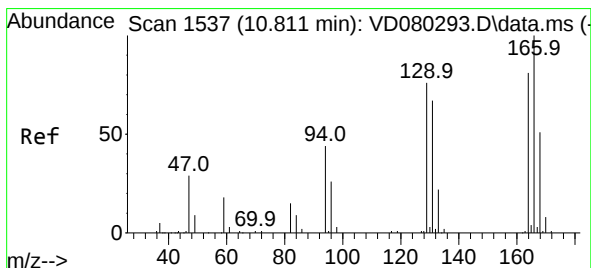
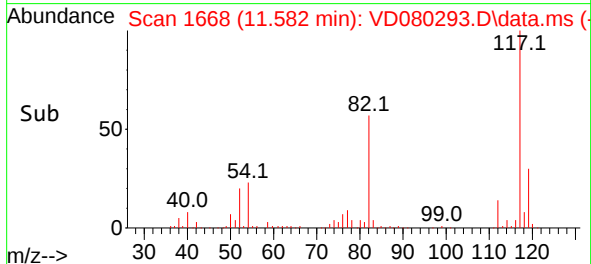
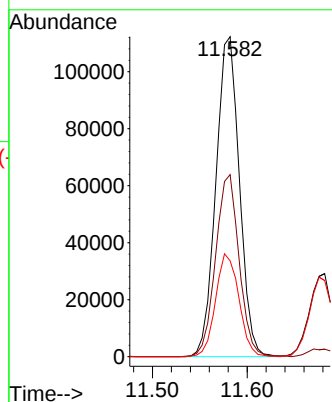
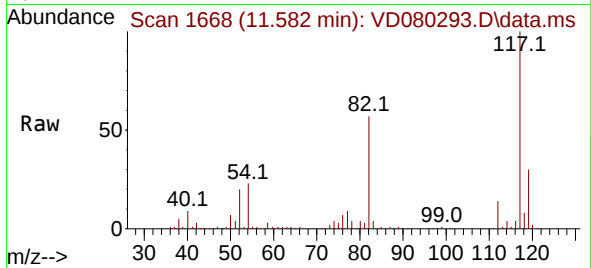




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

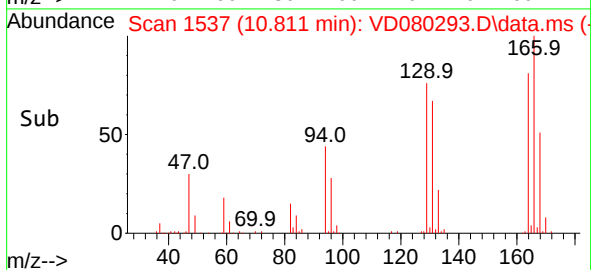
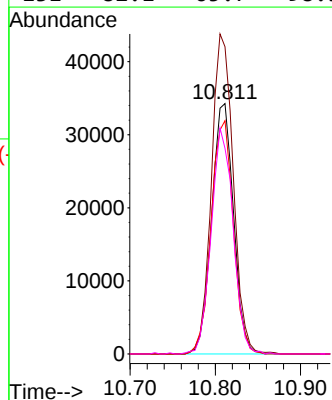
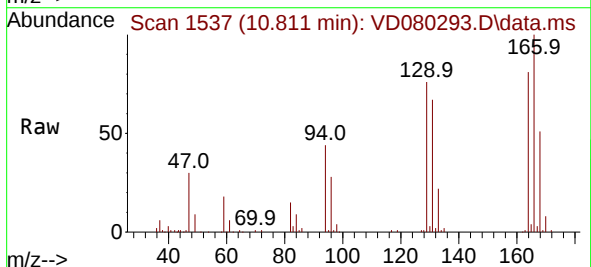
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

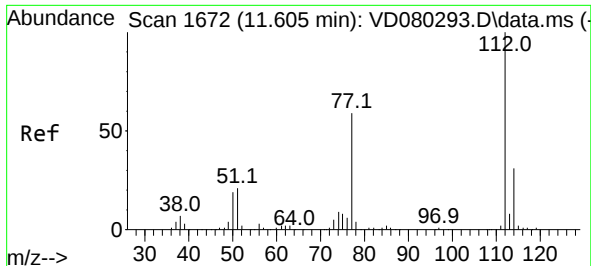
Tgt Ion:117 Resp: 193788
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 30.0 24.0 36.0



#64
Tetrachloroethene
Concen: 46.641 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion:164 Resp: 61207
Ion Ratio Lower Upper
164 100
166 122.7 98.2 147.2
129 93.2 74.6 111.8
131 82.1 65.7 98.5

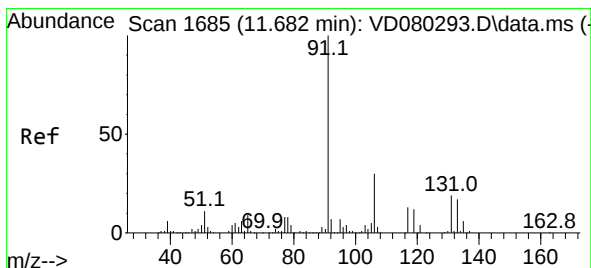
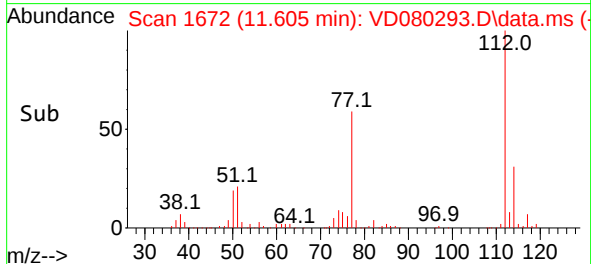
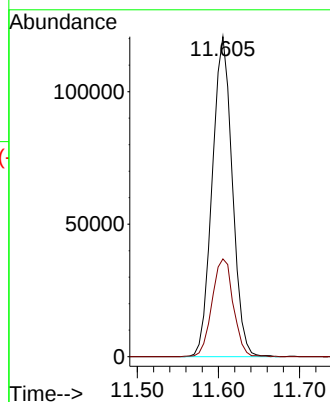
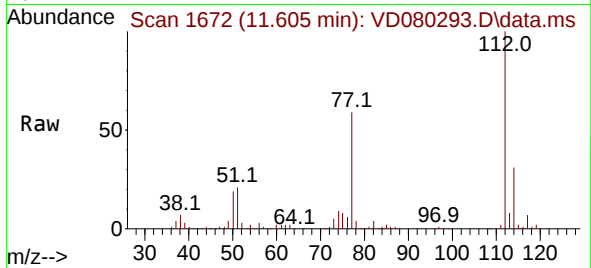




#65
Chlorobenzene
Concen: 47.434 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

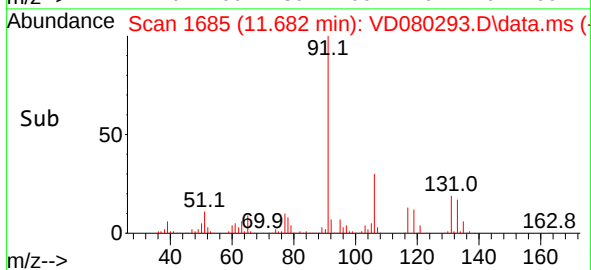
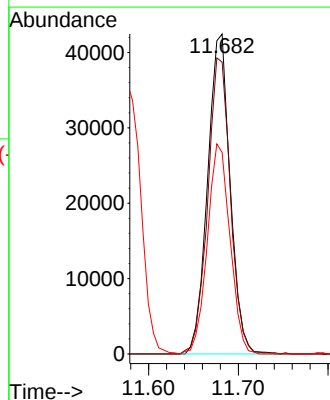
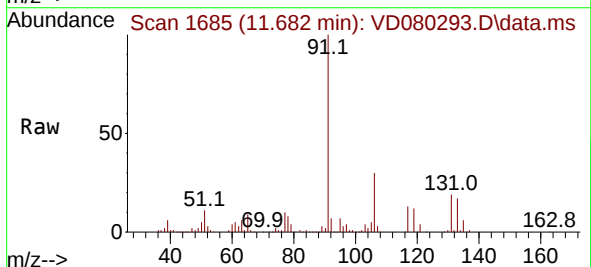
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

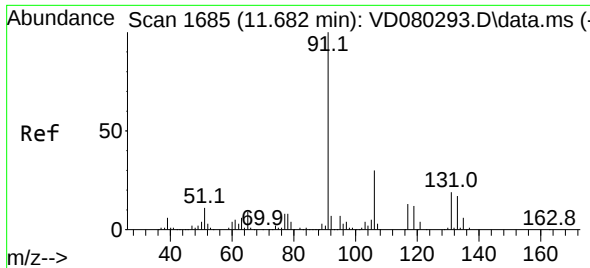
Tgt Ion:112 Resp: 207554
Ion Ratio Lower Upper
112 100
114 30.5 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.091 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion:131 Resp: 73799
Ion Ratio Lower Upper
131 100
133 93.5 46.8 140.3
119 66.1 33.1 99.2

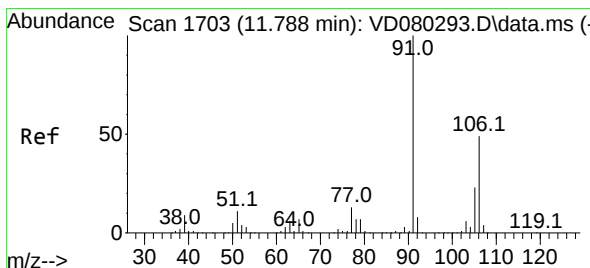
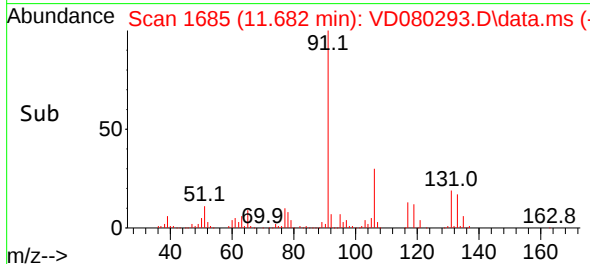
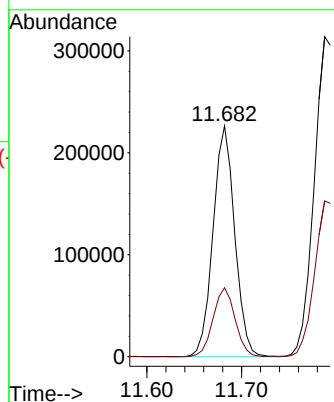
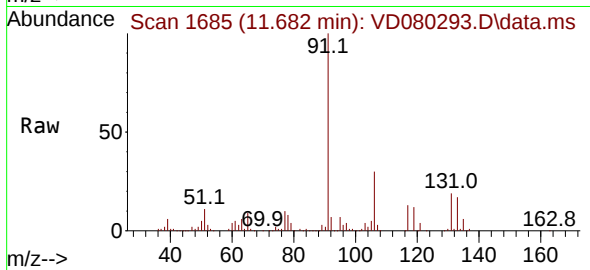




#67
Ethyl Benzene
Concen: 49.204 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

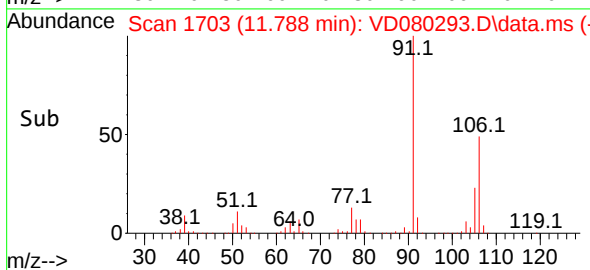
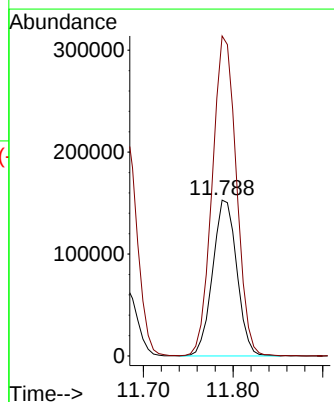
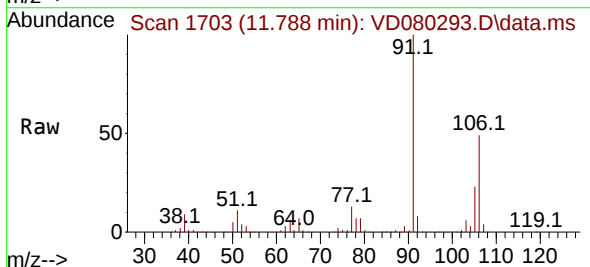
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

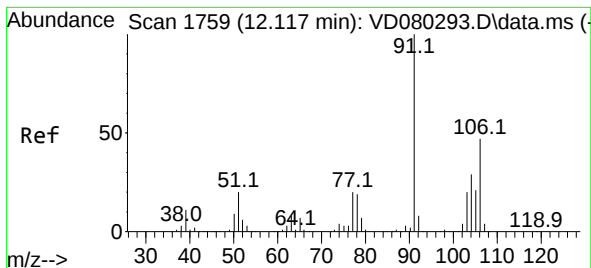
Tgt Ion: 91 Resp: 359794
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9



#68
m/p-Xylenes
Concen: 100.807 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 106 Resp: 286214
Ion Ratio Lower Upper
106 100
91 205.1 164.1 246.1





#69

o-Xylene

Concen: 49.699 ug/l

RT: 12.117 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

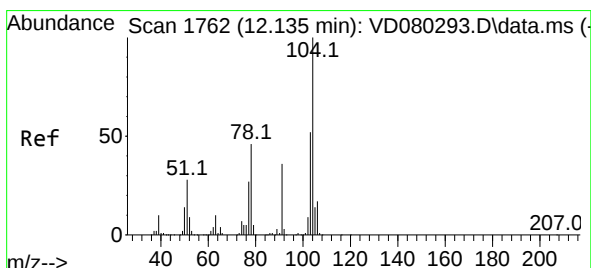
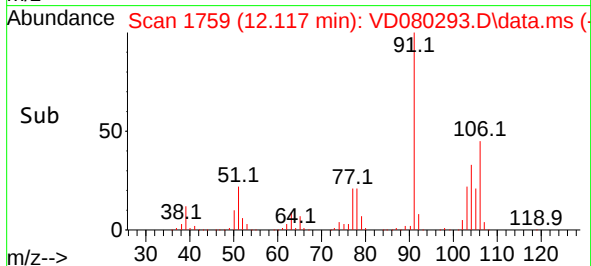
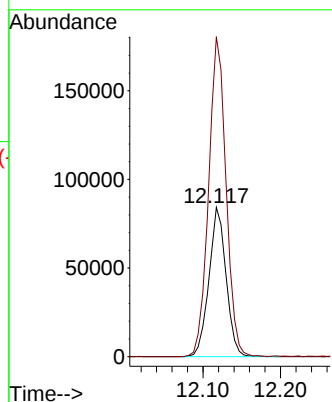
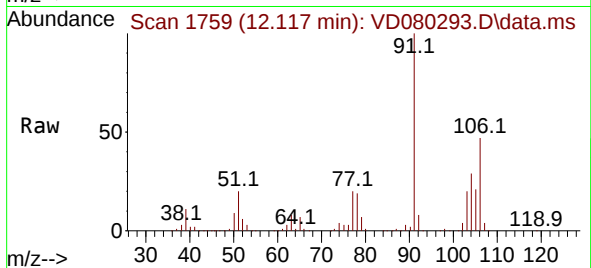
VSTDICCC050

Tgt Ion:106 Resp: 128942

Ion Ratio Lower Upper

106 100

91 218.7 109.3 328.1



#70

Styrene

Concen: 50.705 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

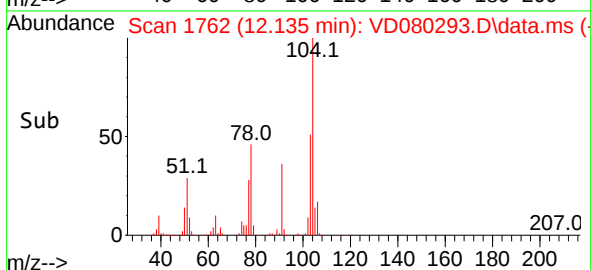
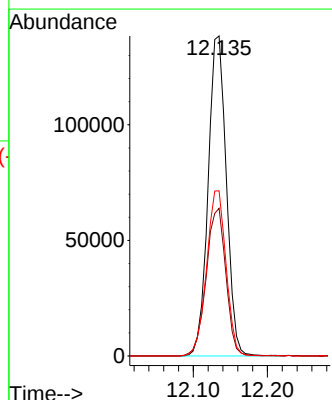
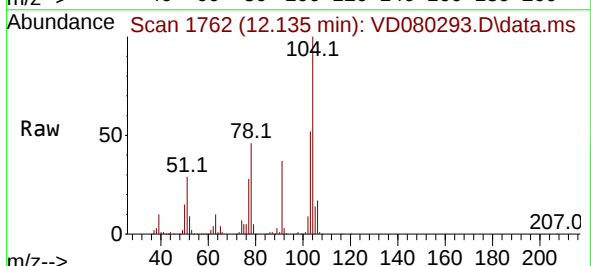
Tgt Ion:104 Resp: 236218

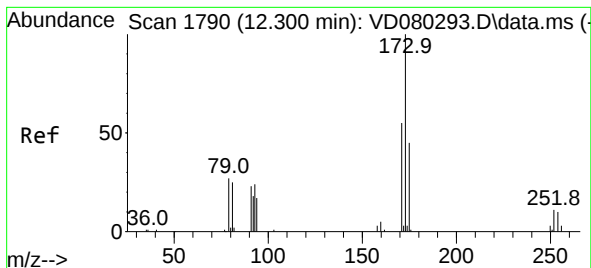
Ion Ratio Lower Upper

104 100

78 49.7 39.8 59.6

103 55.3 44.2 66.4





#71

Bromoform

Concen: 47.720 ug/l

RT: 12.300 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

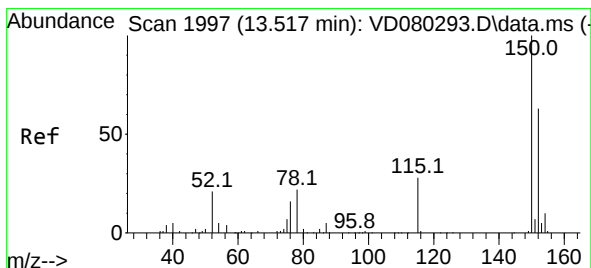
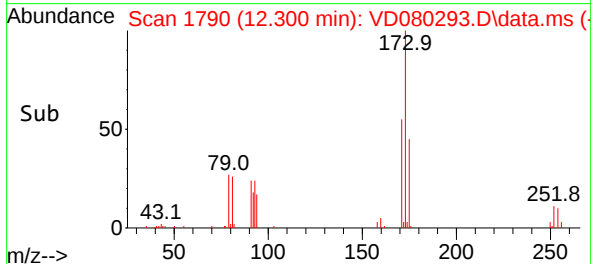
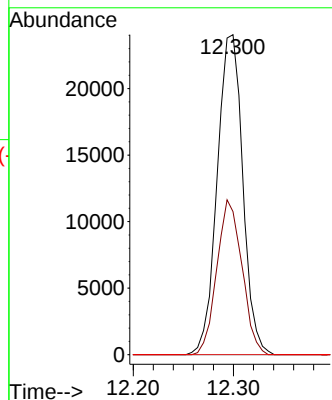
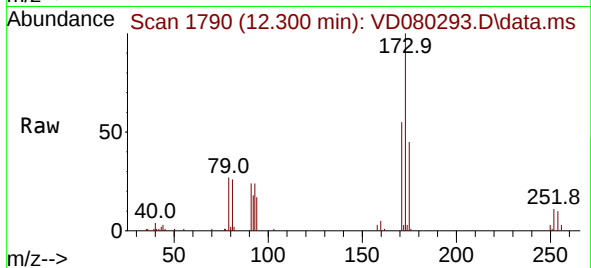
Tgt Ion:173 Resp: 42622

Ion Ratio Lower Upper

173 100

175 47.5 23.8 71.2

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: VD080293.D

Acq: 06 May 2025 14:51

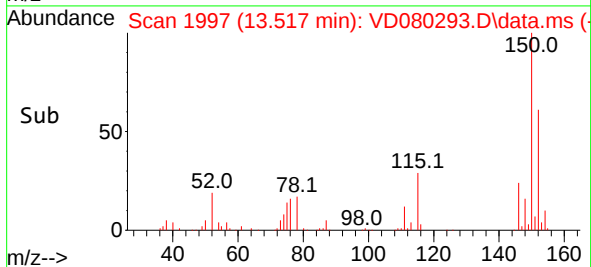
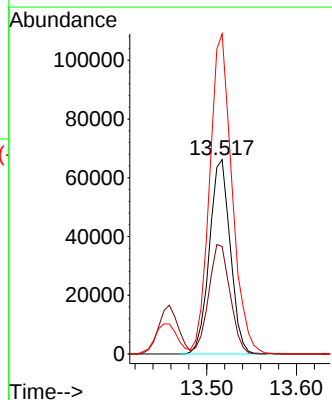
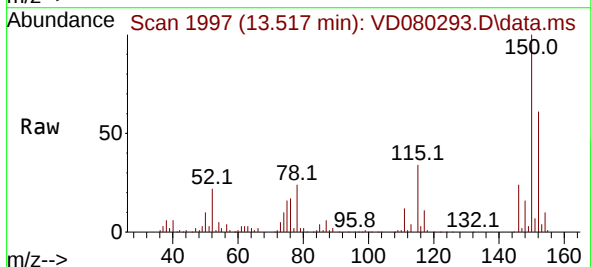
Tgt Ion:152 Resp: 106560

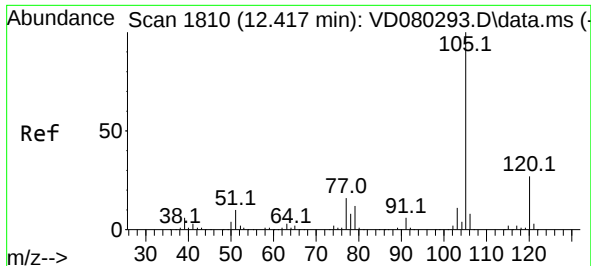
Ion Ratio Lower Upper

152 100

115 58.1 29.0 87.1

150 177.3 0.0 354.6

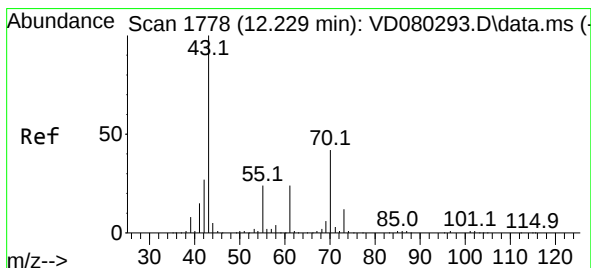
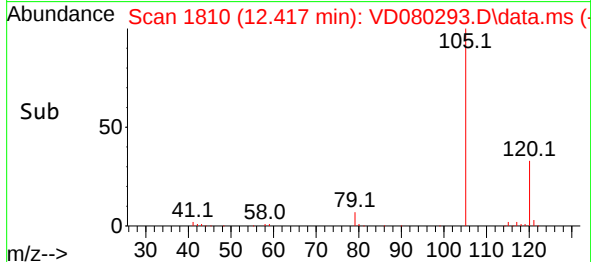
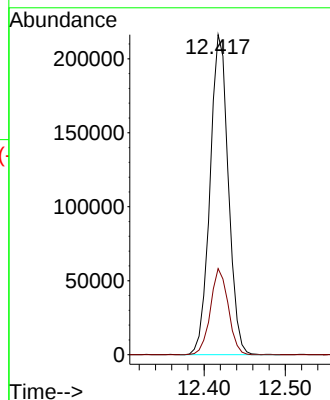
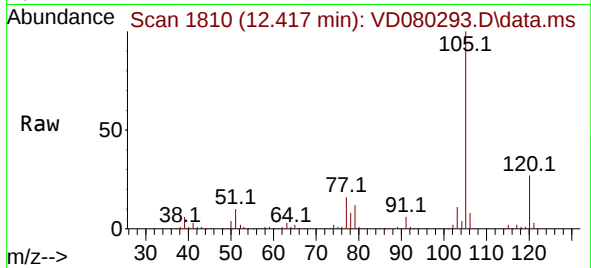




#73
Isopropylbenzene
Concen: 48.901 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

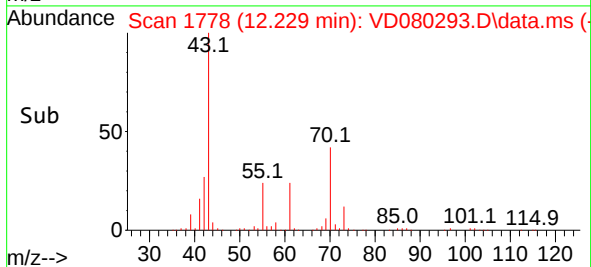
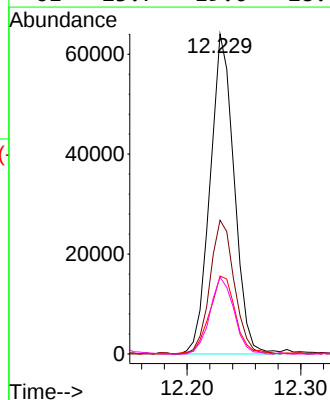
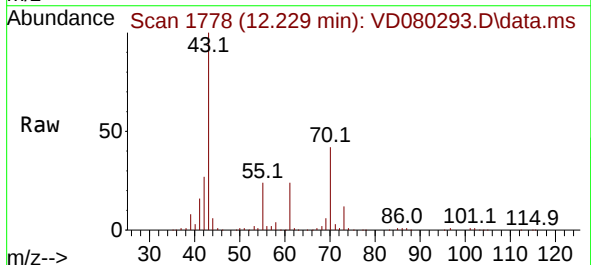
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

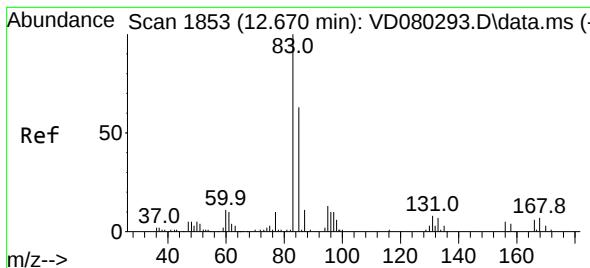
Tgt Ion:105 Resp: 338024
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 47.622 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 43 Resp: 94478
Ion Ratio Lower Upper
43 100
70 42.3 33.8 50.8
55 26.0 20.8 31.2
61 23.7 19.0 28.4

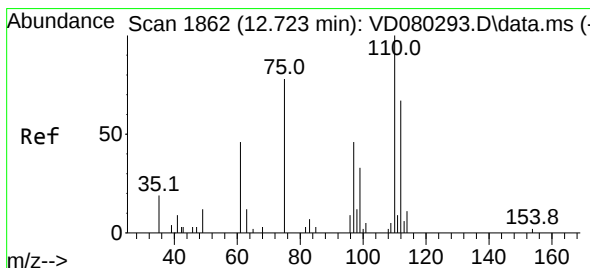
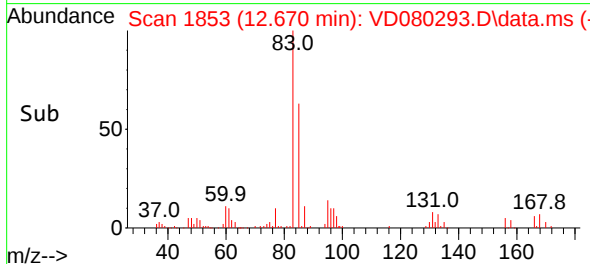
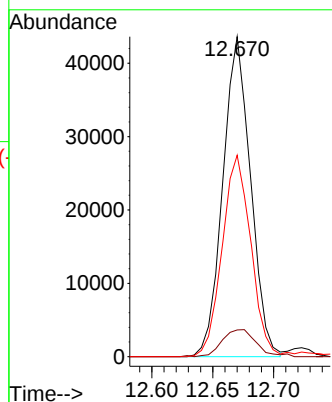
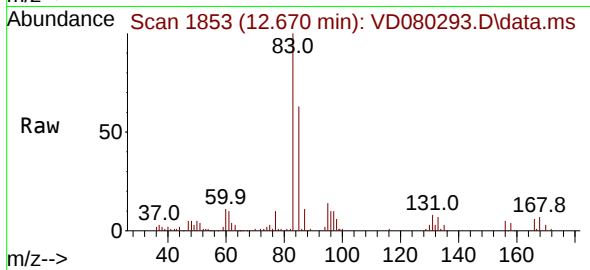




#75
 1,1,2-Tetrachloroethane
 Concen: 45.585 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

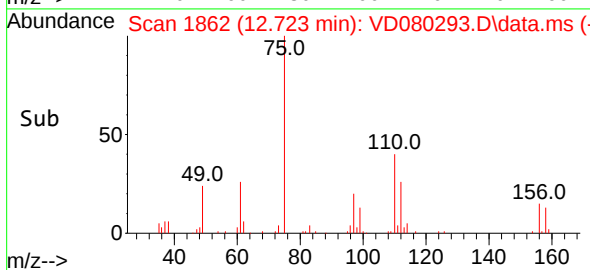
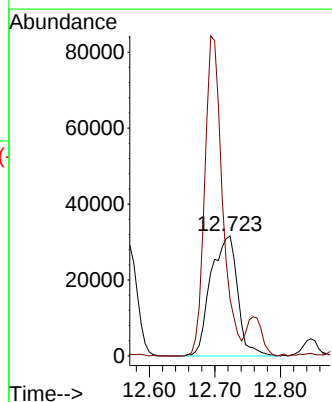
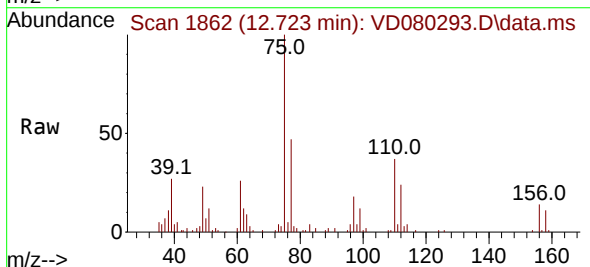
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

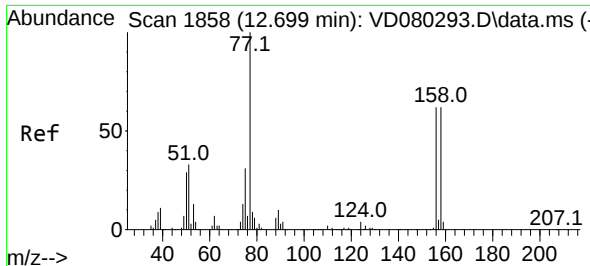
Tgt Ion: 83 Resp: 69292
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 65.3 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 79.473 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

Tgt Ion: 75 Resp: 89851
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

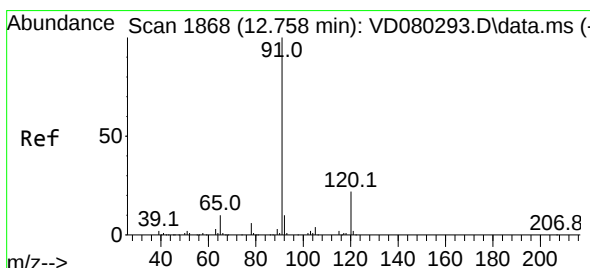
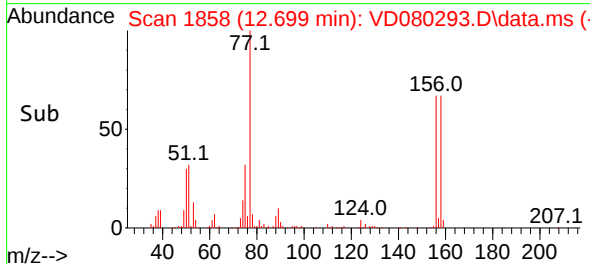
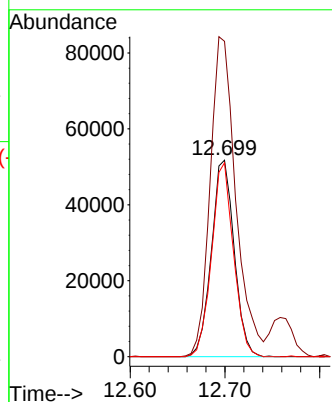
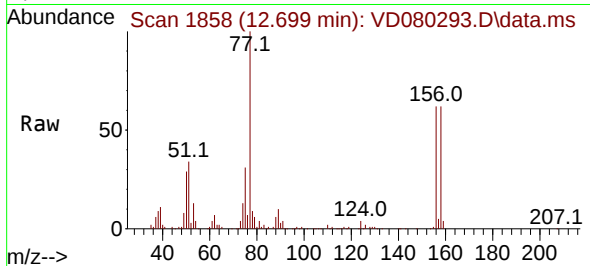




#77
Bromobenzene
Concen: 48.252 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

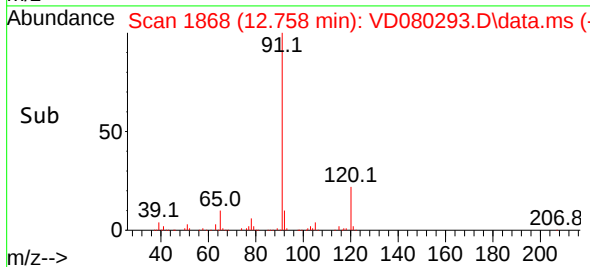
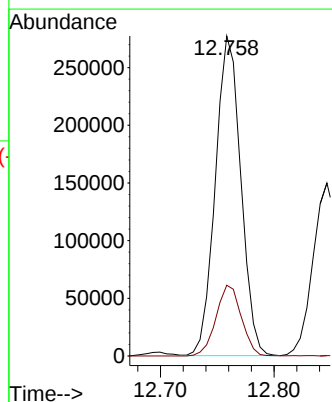
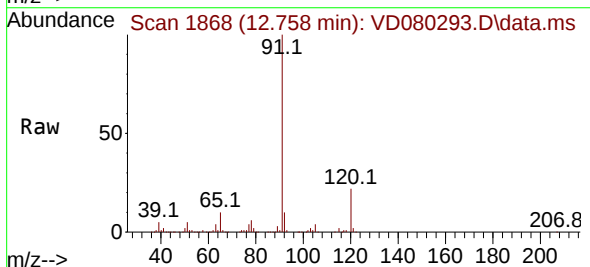
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

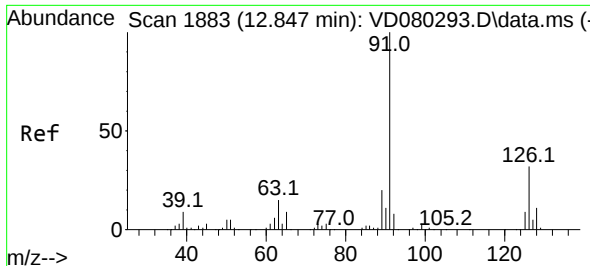
Tgt Ion:156 Resp: 86515
Ion Ratio Lower Upper
156 100
77 183.2 91.6 274.8
158 94.8 47.4 142.2



#78
n-propylbenzene
Concen: 49.833 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 91 Resp: 432276
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0

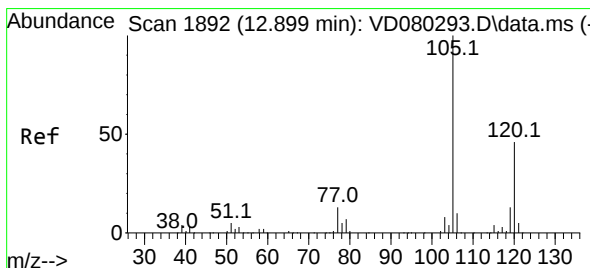
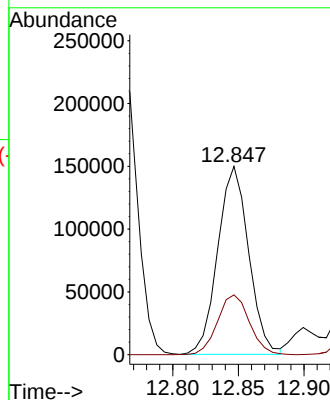
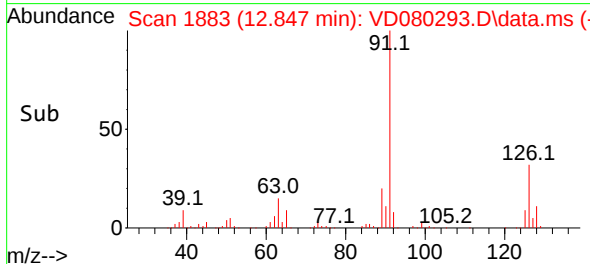
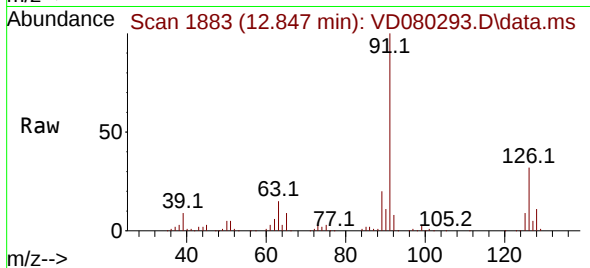




#79
2-Chlorotoluene
Concen: 48.752 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

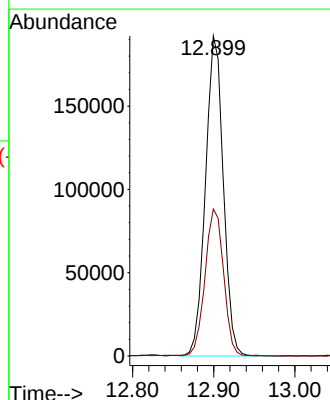
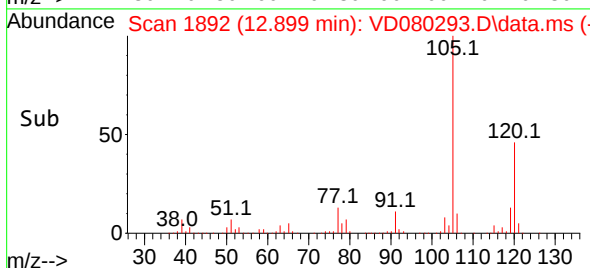
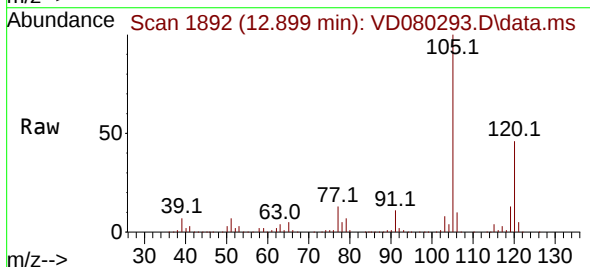
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

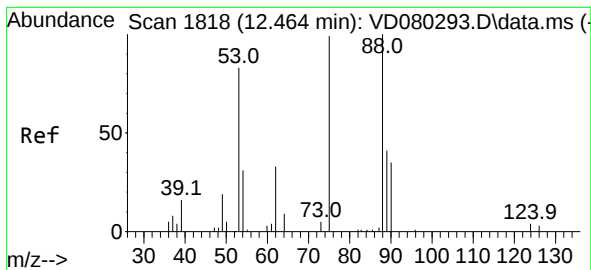
Tgt Ion: 91 Resp: 245990
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 49.663 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 105 Resp: 292798
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.8

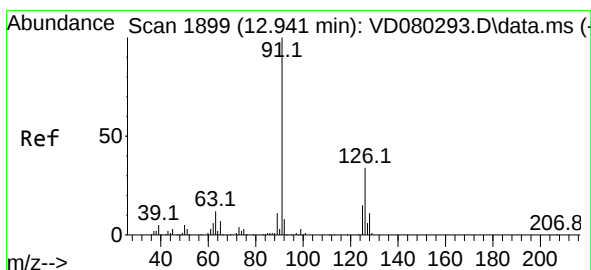
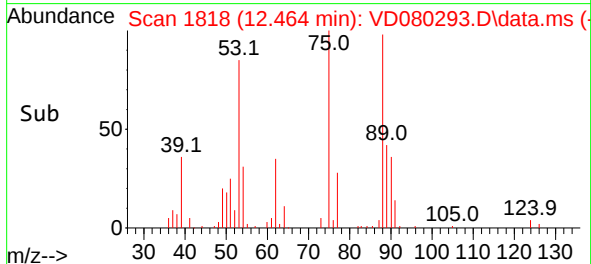
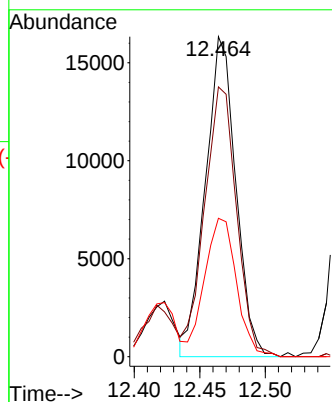
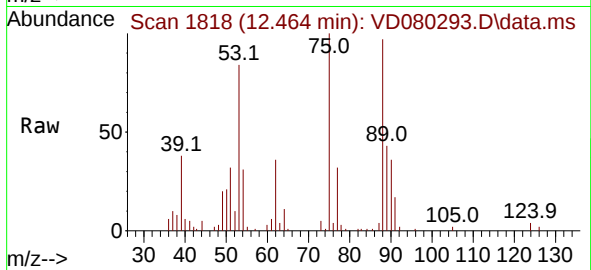




#81
trans-1,4-Dichloro-2-butene
Concen: 48.681 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

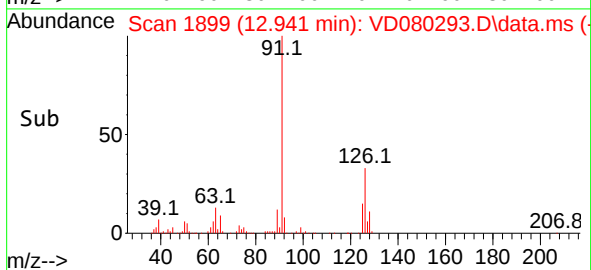
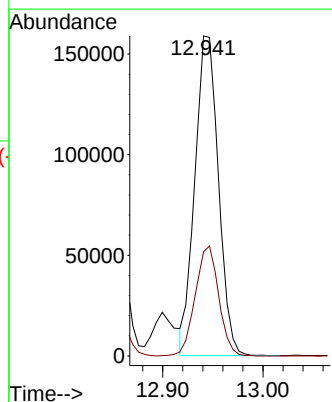
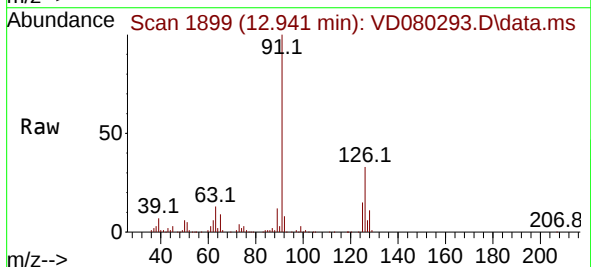
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

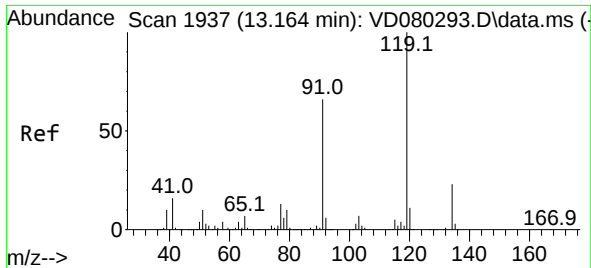
Tgt Ion: 75 Resp: 26376
Ion Ratio Lower Upper
75 100
53 88.5 70.8 106.2
89 44.9 35.9 53.9



#82
4-Chlorotoluene
Concen: 47.724 ug/l
RT: 12.941 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 91 Resp: 259933
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3

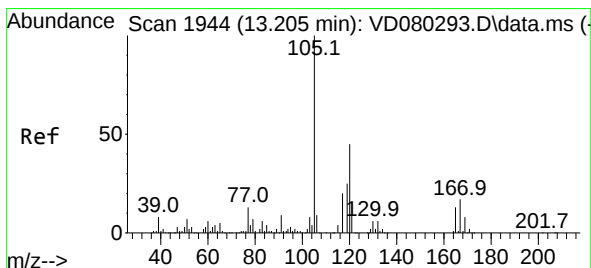
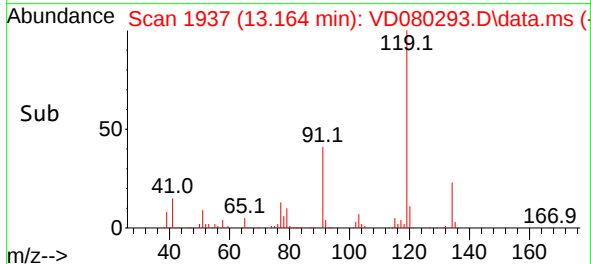
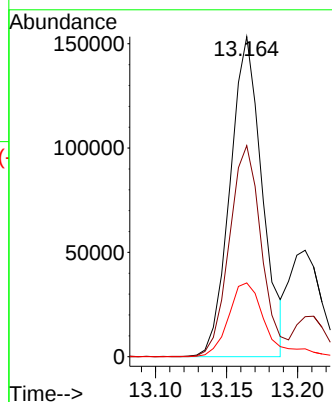
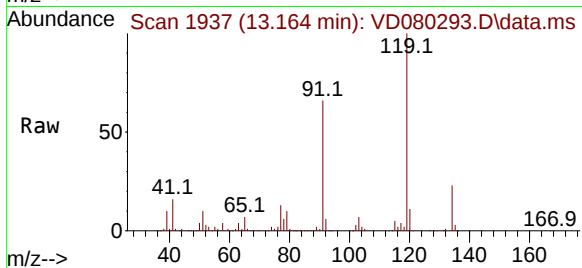




#83
tert-Butylbenzene
Concen: 49.033 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

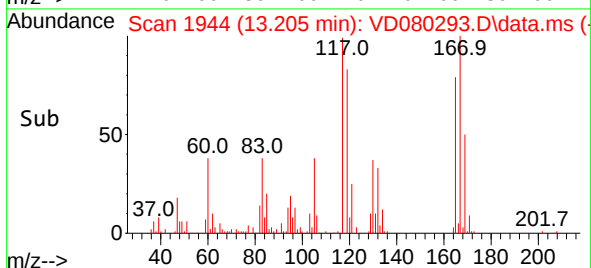
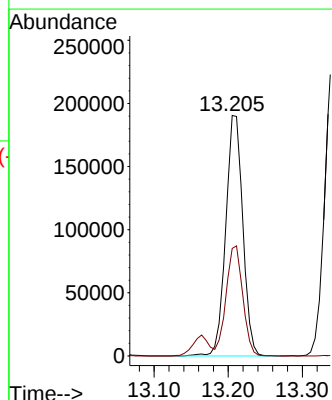
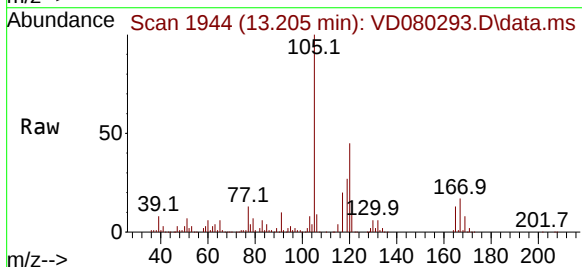
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

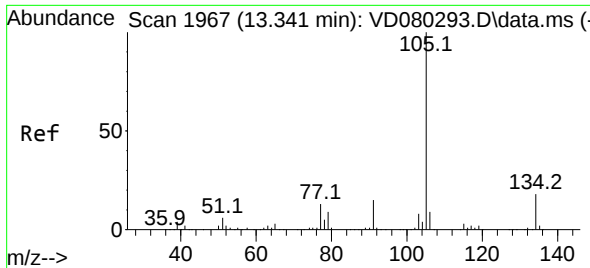
Tgt Ion:119 Resp: 241235
Ion Ratio Lower Upper
119 100
91 66.5 33.3 99.8
134 26.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 50.521 ug/l
RT: 13.205 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion:105 Resp: 304757
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8

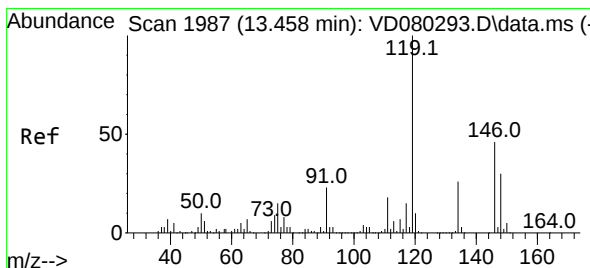
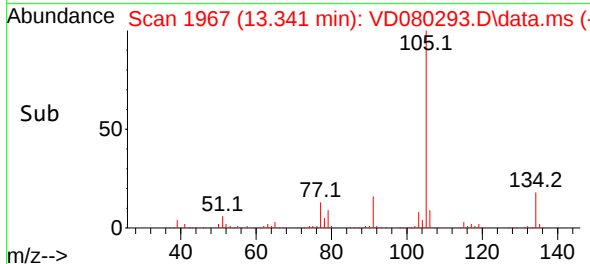
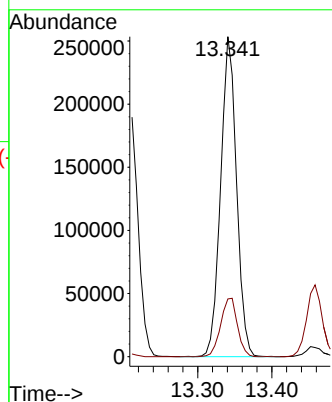
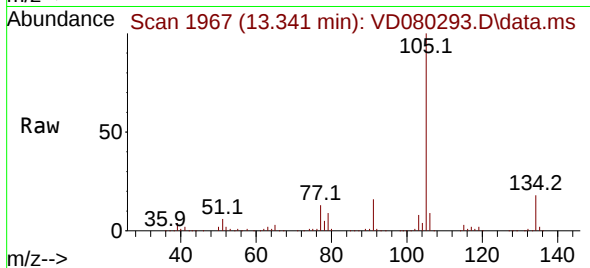




#85
 sec-Butylbenzene
 Concen: 49.761 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

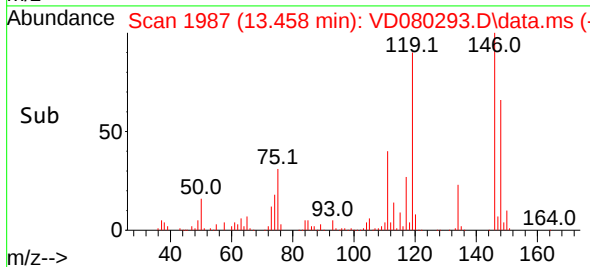
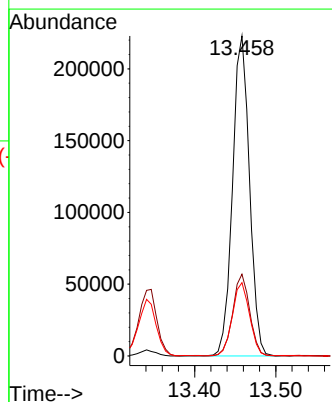
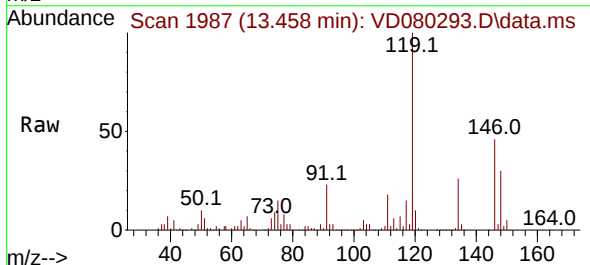
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

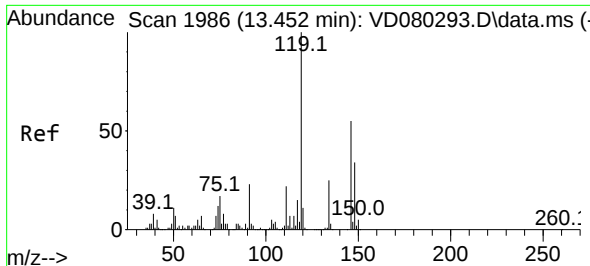
Tgt Ion:105 Resp: 377527
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 50.618 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

Tgt Ion:119 Resp: 322757
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 23.3 11.7 35.0

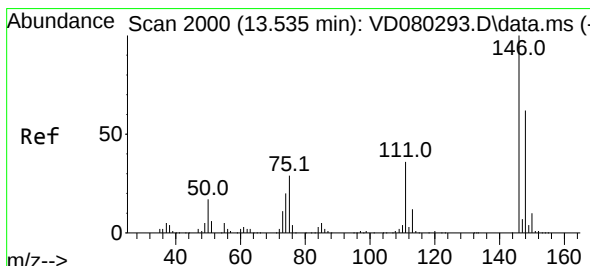
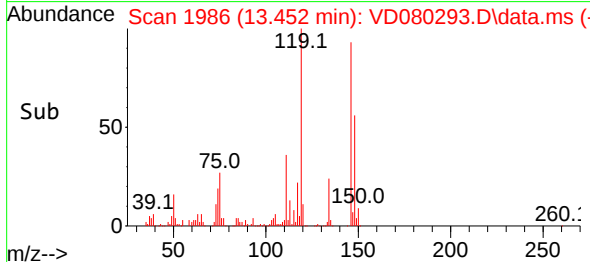
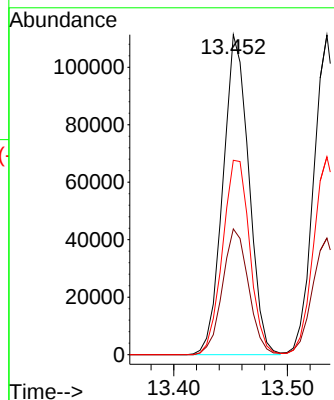
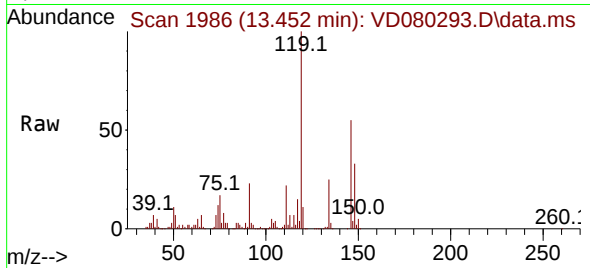




#87
 1,3-Dichlorobenzene
 Concen: 47.064 ug/l
 RT: 13.452 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

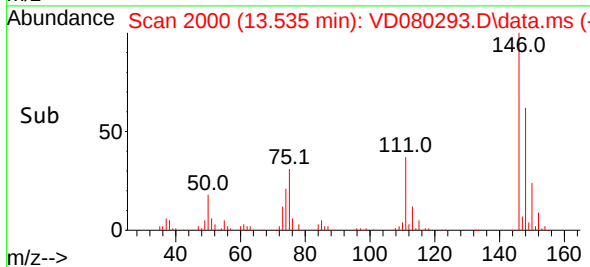
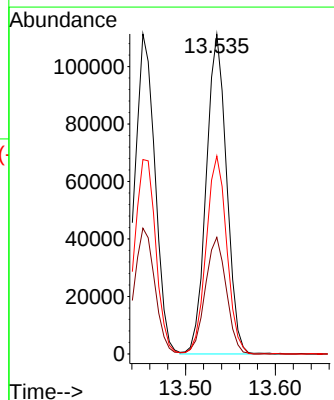
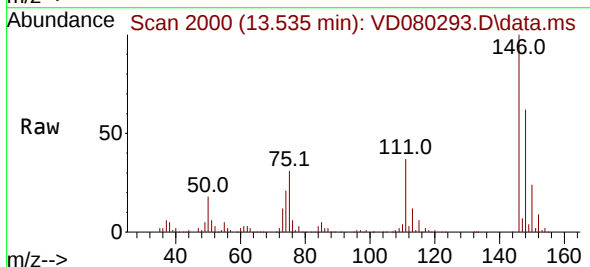
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

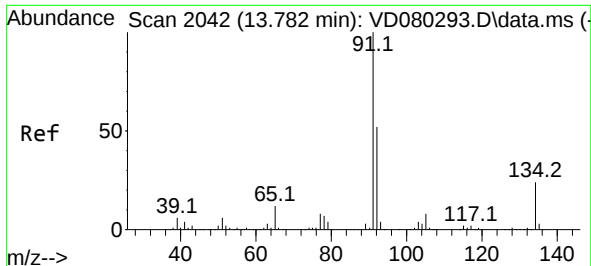
Tgt Ion:146 Resp: 175985
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 46.373 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

Tgt Ion:146 Resp: 174810
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 62.7 31.4 94.0

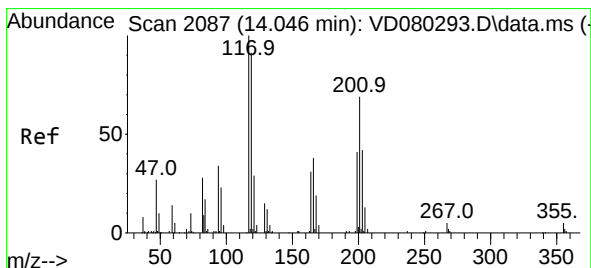
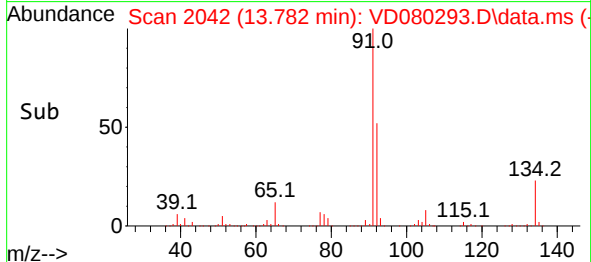
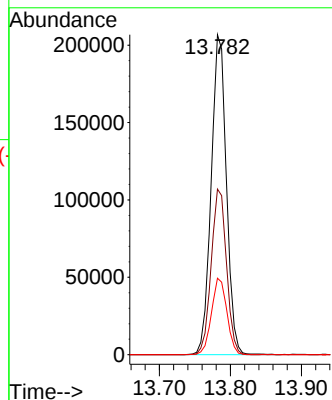
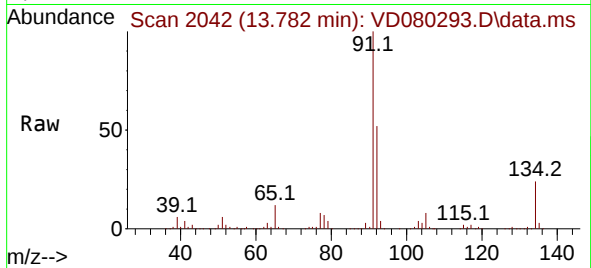




#89
n-Butylbenzene
Concen: 49.691 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

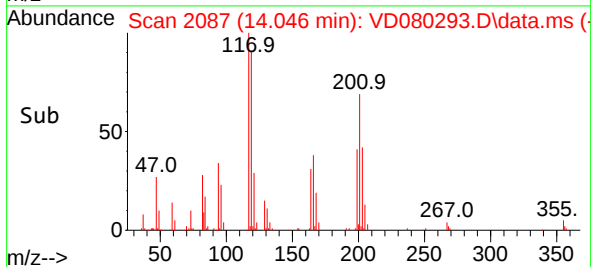
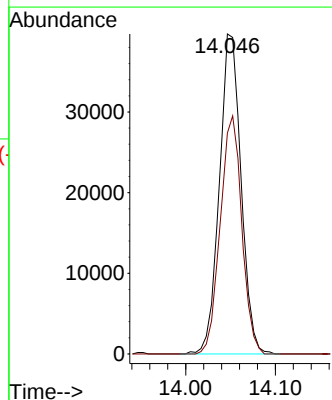
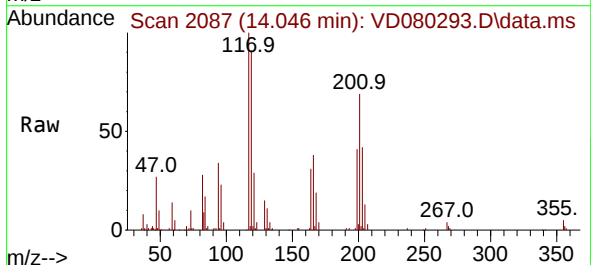
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

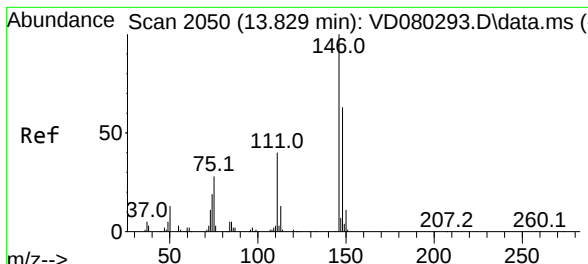
Tgt Ion: 91 Resp: 307571
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 24.1 12.0 36.1



#90
Hexachloroethane
Concen: 47.210 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion: 117 Resp: 66605
Ion Ratio Lower Upper
117 100
201 73.7 36.9 110.6

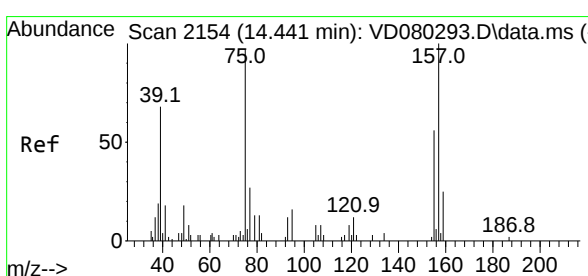
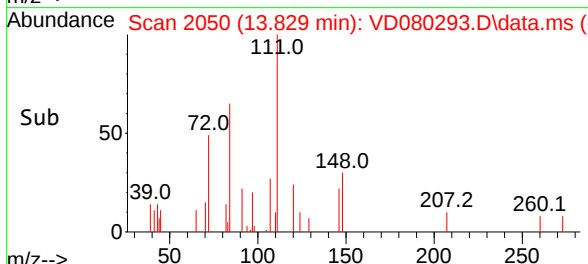
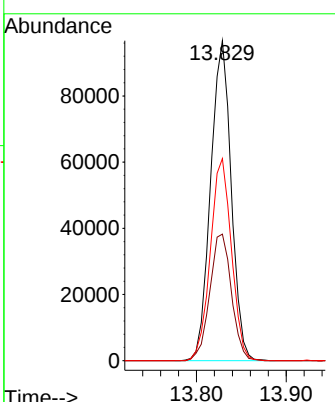
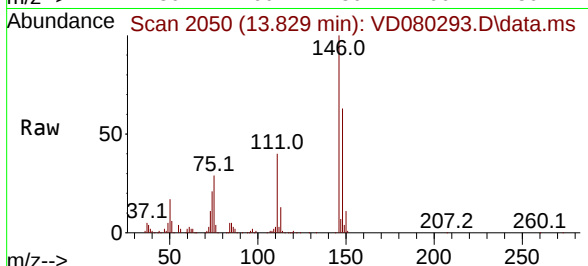




#91
 1,2-Dichlorobenzene
 Concen: 47.407 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

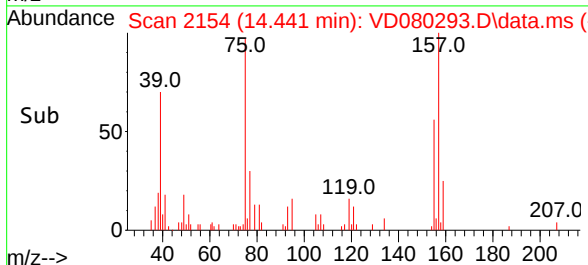
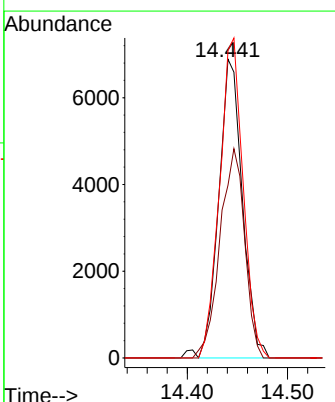
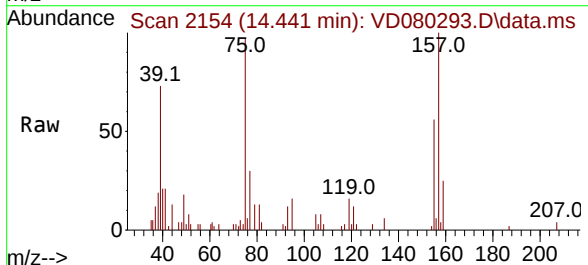
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

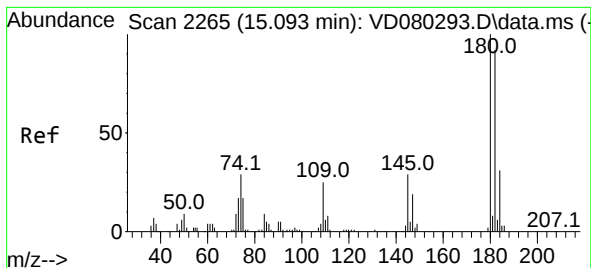
Tgt Ion:	146	Resp:	153988
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.8	62.5
148	64.8	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.842 ug/l
 RT: 14.441 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VD080293.D
 Acq: 06 May 2025 14:51

Tgt Ion:	75	Resp:	11348
Ion Ratio	Lower	Upper	
75	100		
155	72.5	36.3	108.7
157	105.9	52.9	158.8





#93

1,2,4-Trichlorobenzene

Concen: 47.741 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

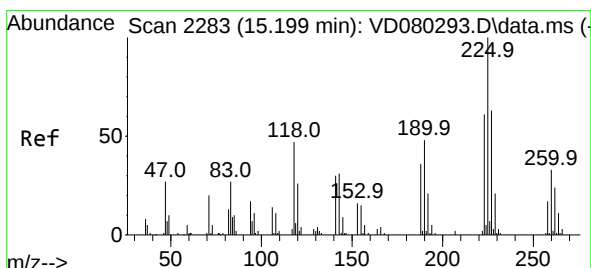
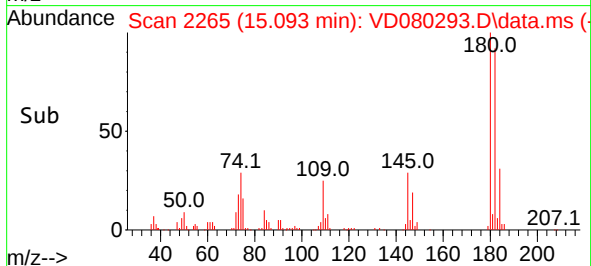
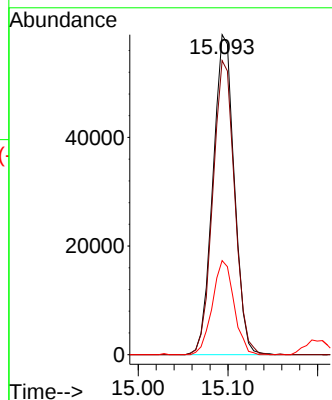
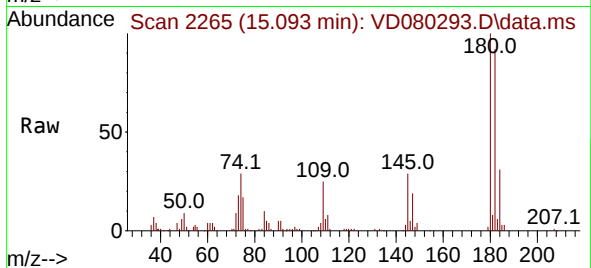
Tgt Ion:180 Resp: 97524

Ion Ratio Lower Upper

180 100

182 93.4 46.7 140.1

145 29.7 14.9 44.5



#94

Hexachlorobutadiene

Concen: 46.912 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080293.D

Acq: 06 May 2025 14:51

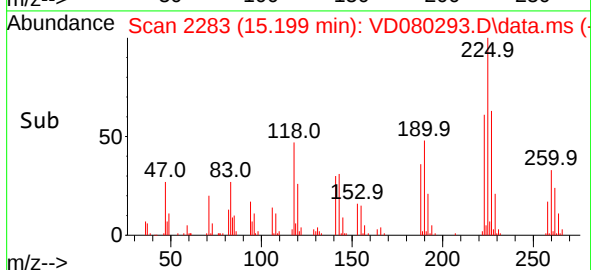
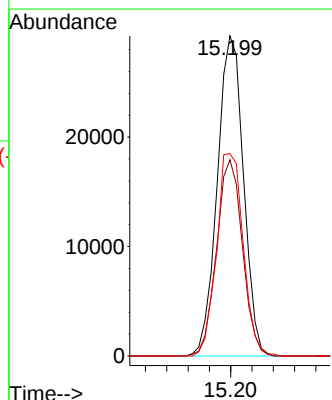
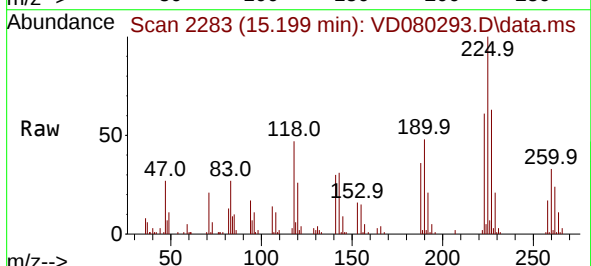
Tgt Ion:225 Resp: 49856

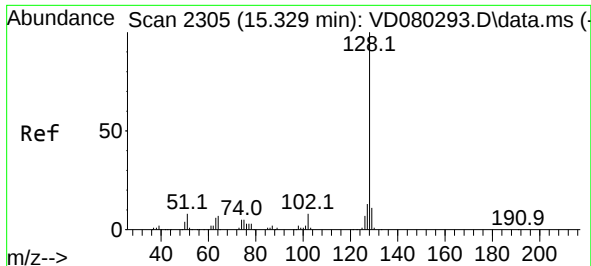
Ion Ratio Lower Upper

225 100

223 60.5 30.3 90.8

227 64.1 32.0 96.2

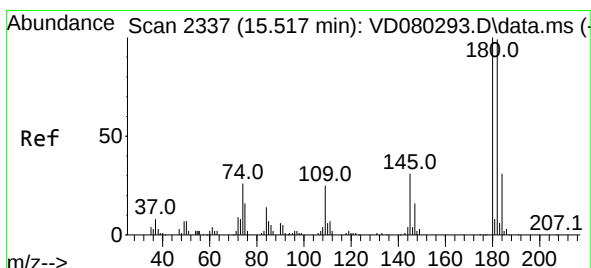
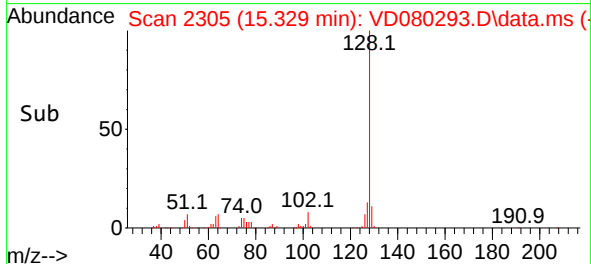
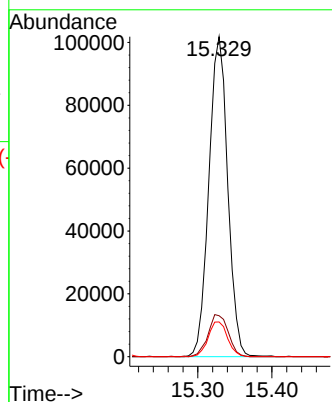
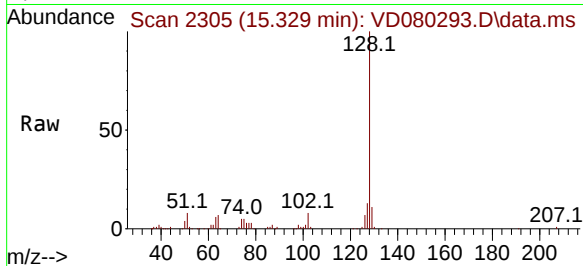




#95
Naphthalene
Concen: 46.866 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 179761
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.049 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080293.D
Acq: 06 May 2025 14:51

Tgt Ion:180 Resp: 87786
Ion Ratio Lower Upper
180 100
182 96.6 48.3 144.9
145 31.1 15.6 46.7

