

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046200.D
 Acq On : 15 May 2025 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 16 00:58:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	79845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	140483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62876	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	75112	50.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.920%	
35) Dibromofluoromethane	5.379	113	51380	50.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.580%	
50) Toluene-d8	8.641	98	170717	48.757	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.520%	
62) 4-Bromofluorobenzene	11.079	95	69053	51.414	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56833	46.505	ug/l	98
3) Chloromethane	1.307	50	57048	48.137	ug/l	99
4) Vinyl Chloride	1.374	62	48804	44.248	ug/l	99
5) Bromomethane	1.593	94	22954	44.869	ug/l	93
6) Chloroethane	1.666	64	28967	49.195	ug/l	98
7) Trichlorofluoromethane	1.874	101	76531	46.949	ug/l	96
8) Diethyl Ether	2.130	74	28515	51.386	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	46263	45.860	ug/l	98
10) Methyl Iodide	2.441	142	55957	46.879	ug/l	100
11) Tert butyl alcohol	2.977	59	52732	252.367	ug/l	100
12) 1,1-Dichloroethene	2.306	96	42457	44.844	ug/l	97
13) Acrolein	2.233	56	86478	363.413	ug/l	100
14) Allyl chloride	2.654	41	92771	51.271	ug/l	96
15) Acrylonitrile	3.062	53	159896	267.618	ug/l	98
16) Acetone	2.380	43	151558	253.932	ug/l	100
17) Carbon Disulfide	2.502	76	95435	42.518	ug/l	100
18) Methyl Acetate	2.703	43	79721	57.561	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	176719	53.240	ug/l	100
20) Methylene Chloride	2.782	84	54884	47.986	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	45649	47.945	ug/l	99
22) Diisopropyl ether	3.757	45	186066	53.235	ug/l	96
23) Vinyl Acetate	3.715	43	832901	270.938	ug/l	100
24) 1,1-Dichloroethane	3.605	63	97500	50.084	ug/l	98
25) 2-Butanone	4.550	43	232783	268.650	ug/l	100
26) 2,2-Dichloropropane	4.465	77	73154	48.010	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	58063	50.657	ug/l	99
28) Bromochloromethane	4.891	49	48182	51.418	ug/l	99
29) Tetrahydrofuran	4.995	42	146017	268.925	ug/l	99
30) Chloroform	5.086	83	103726	51.119	ug/l	96
31) Cyclohexane	5.458	56	78834	44.439	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	86131	48.968	ug/l	99
36) 1,1-Dichloropropene	5.684	75	63999	47.085	ug/l	99
37) Ethyl Acetate	4.708	43	86942	51.772	ug/l	99
38) Carbon Tetrachloride	5.666	117	71651	46.917	ug/l	99
39) Methylcyclohexane	7.373	83	78483	44.850	ug/l	99
40) Benzene	6.025	78	196502	49.356	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49819	56.711	ug/l	98
42) 1,2-Dichloroethane	6.080	62	89054	51.827	ug/l	99
43) Isopropyl Acetate	6.336	43	138141	53.921	ug/l	100
44) Trichloroethene	7.117	130	46123	48.134	ug/l	99
45) 1,2-Dichloropropane	7.421	63	52081	52.609	ug/l	100
46) Dibromomethane	7.574	93	40833	52.296	ug/l	99
47) Bromodichloromethane	7.818	83	82190	53.445	ug/l	96
48) Methyl methacrylate	7.690	41	71677	54.783	ug/l	100
49) 1,4-Dioxane	7.659	88	26335	1060.072	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	471283	277.135	ug/l	99
52) Toluene	8.714	92	122389	50.134	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	75119	54.955	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	81846	54.175	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	51510	53.511	ug/l	97
56) Ethyl methacrylate	9.110	69	86310	56.258	ug/l	99
57) 1,3-Dichloropropane	9.305	76	90587	52.400	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	213841	273.403	ug/l	99
59) 2-Hexanone	9.427	43	351840	279.654	ug/l	100
60) Dibromochloromethane	9.519	129	58754	55.578	ug/l	99
61) 1,2-Dibromoethane	9.604	107	53563	53.537	ug/l	97
64) Tetrachloroethene	9.269	164	41562	46.025	ug/l	98
65) Chlorobenzene	10.073	112	135968	48.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	48145	50.472	ug/l	100
67) Ethyl Benzene	10.189	91	238829	48.501	ug/l	99
68) m/p-Xylenes	10.299	106	176993	98.275	ug/l	97
69) o-Xylene	10.640	106	87589	49.886	ug/l	98
70) Styrene	10.653	104	151684	52.738	ug/l	99
71) Bromoform	10.799	173	38476	53.725	ug/l #	96
73) Isopropylbenzene	10.957	105	230998	47.190	ug/l	100
74) N-amyl acetate	10.841	43	122108	50.481	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	83590	48.729	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	92177	60.905	ug/l	87
77) Bromobenzene	11.195	156	55464	48.804	ug/l	98
78) n-propylbenzene	11.299	91	269850	47.411	ug/l	99
79) 2-Chlorotoluene	11.360	91	171147	46.619	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	199182	48.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22862	49.180	ug/l	98
82) 4-Chlorotoluene	11.451	91	199920	49.106	ug/l	99
83) tert-Butylbenzene	11.713	119	196965	47.815	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	204684	49.424	ug/l	99
85) sec-Butylbenzene	11.890	105	243197	48.084	ug/l	99
86) p-Isopropyltoluene	12.006	119	202544	48.515	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	102510	49.424	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	102366	48.327	ug/l	100
89) n-Butylbenzene	12.329	91	180561	49.306	ug/l	99
90) Hexachloroethane	12.536	117	35781	48.648	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	104120	50.026	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20011	52.658	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	60954	50.990	ug/l	97
94) Hexachlorobutadiene	13.719	225	24369	46.676	ug/l	98
95) Naphthalene	13.774	128	219899	50.155	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63516	51.494	ug/l	97

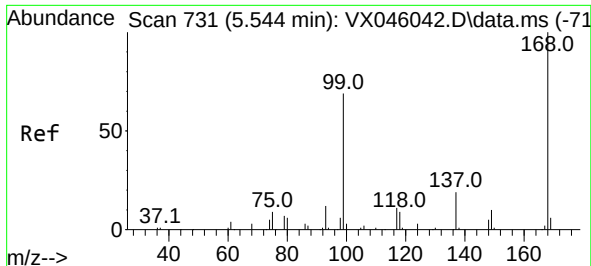
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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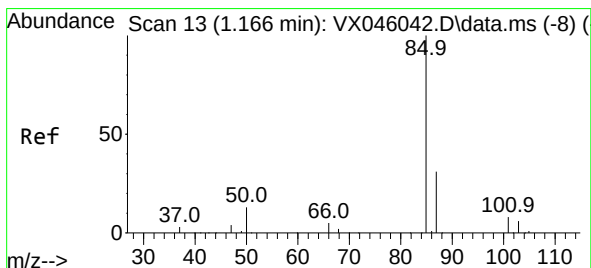
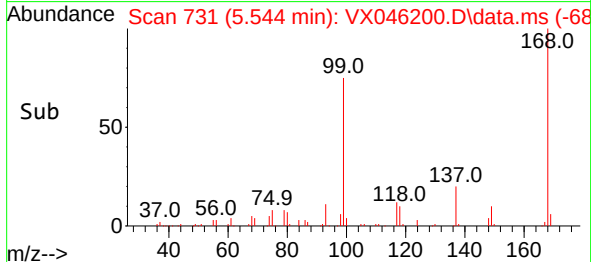
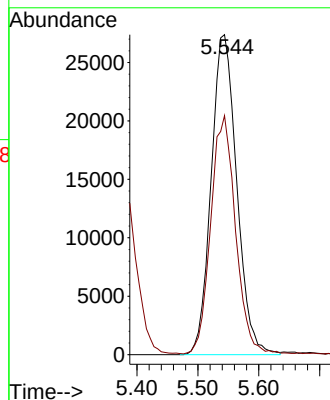
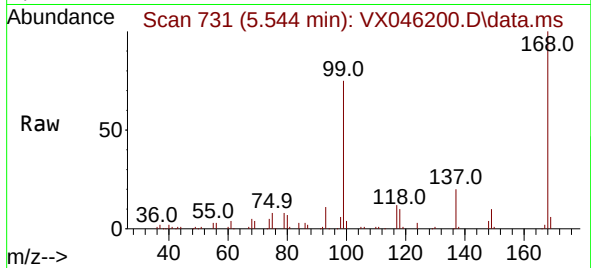
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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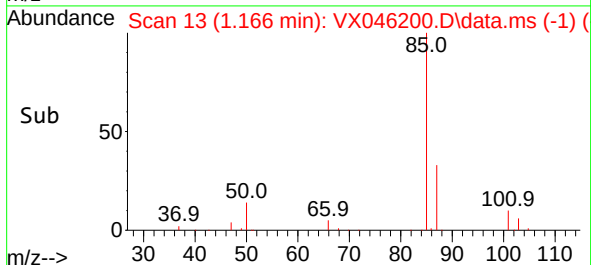
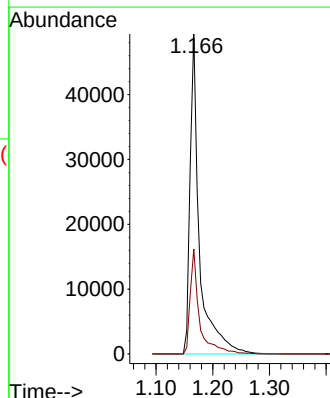
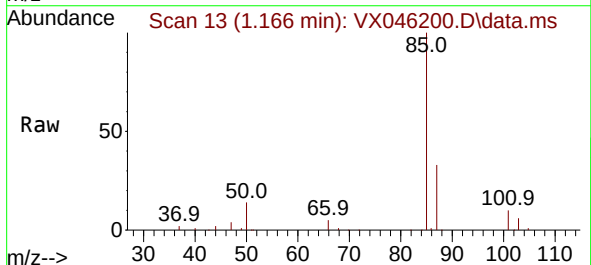
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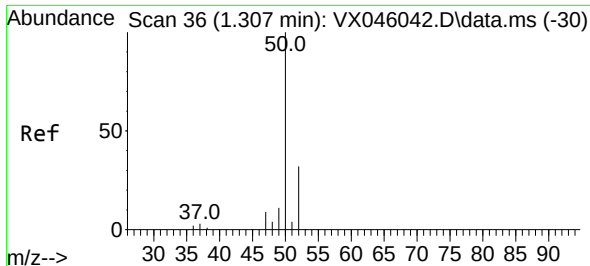
Tgt Ion:168 Resp: 79845
Ion Ratio Lower Upper
168 100
99 74.3 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 46.505 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 85 Resp: 56833
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1

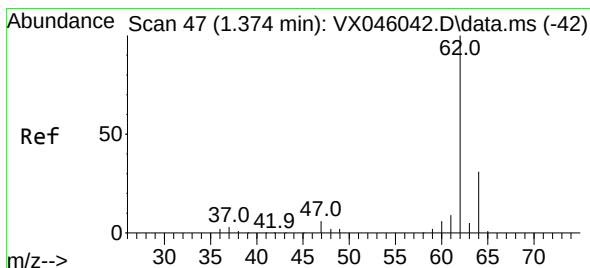
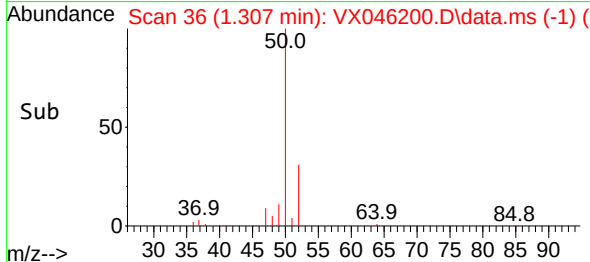
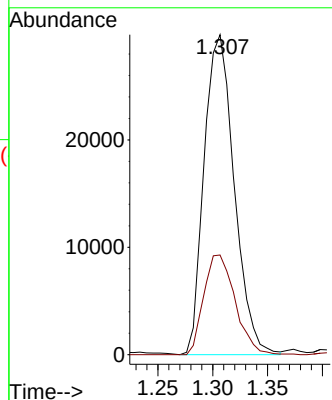
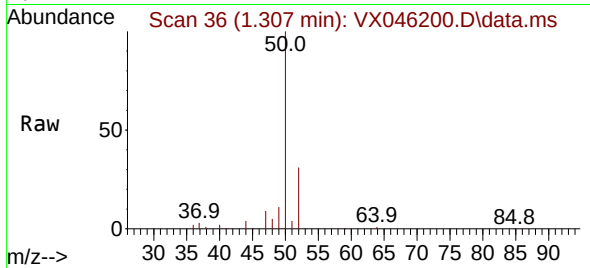




#3
Chloromethane
Concen: 48.137 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

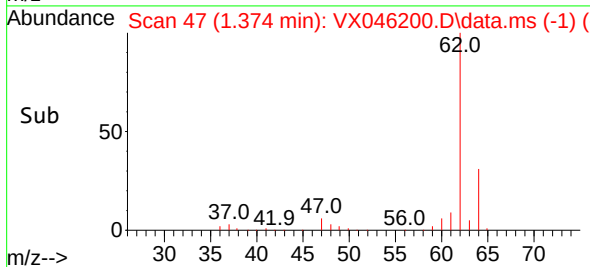
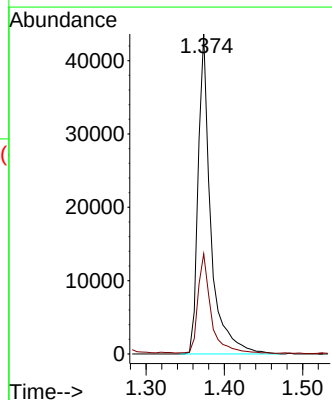
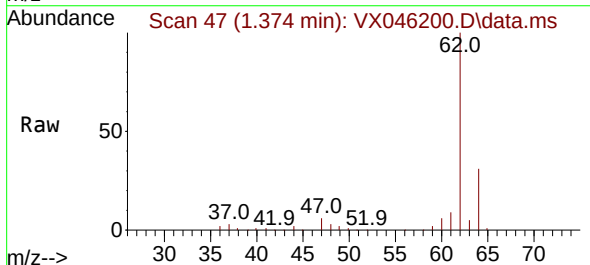
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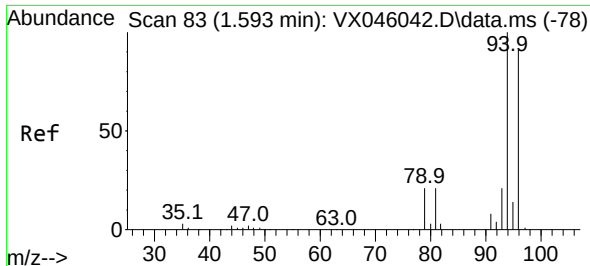
Tgt Ion: 50 Resp: 57048
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.2



#4
Vinyl Chloride
Concen: 44.248 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 62 Resp: 48804
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8

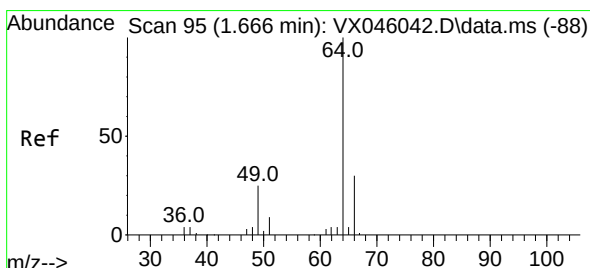
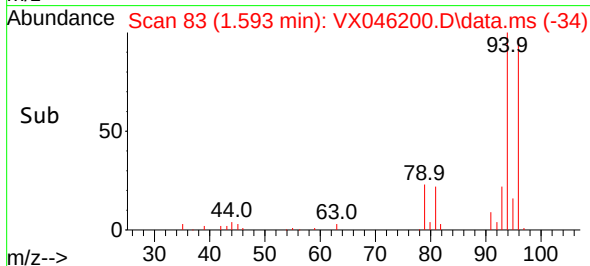
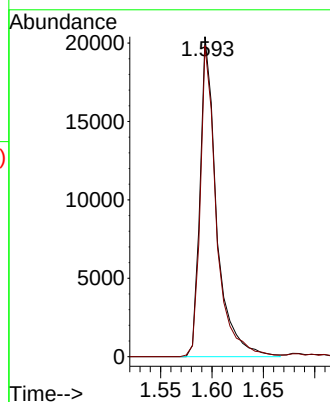
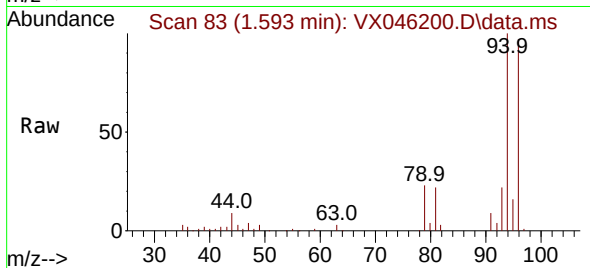




#5
Bromomethane
Concen: 44.869 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046200.D
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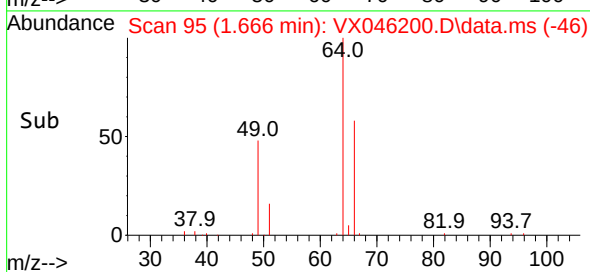
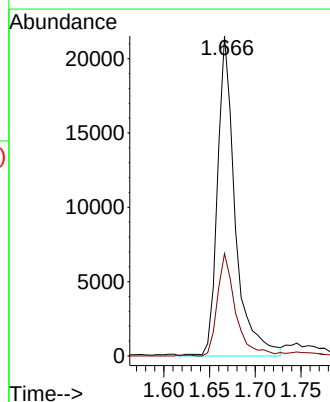
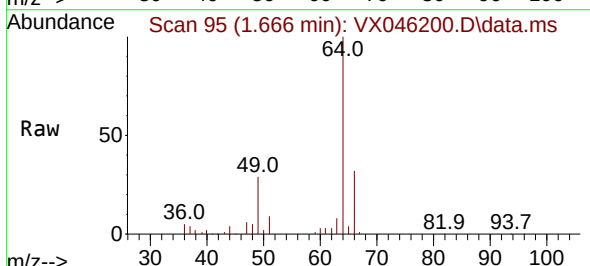
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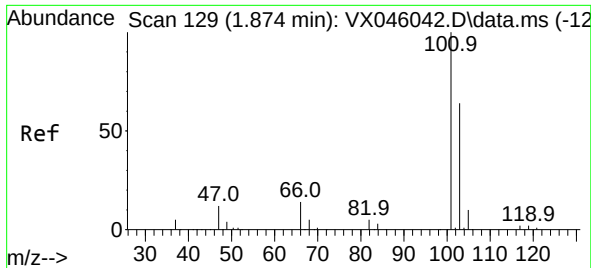
Tgt Ion: 94 Resp: 22954
Ion Ratio Lower Upper
94 100
96 97.2 72.8 109.2



#6
Chloroethane
Concen: 49.195 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 64 Resp: 28967
Ion Ratio Lower Upper
64 100
66 31.7 24.3 36.5

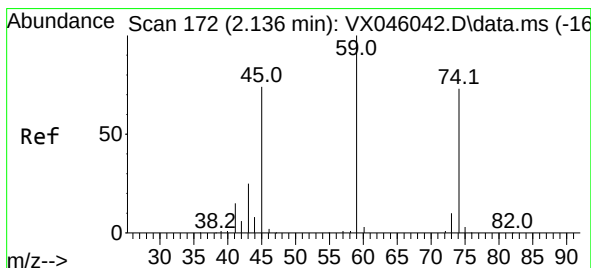
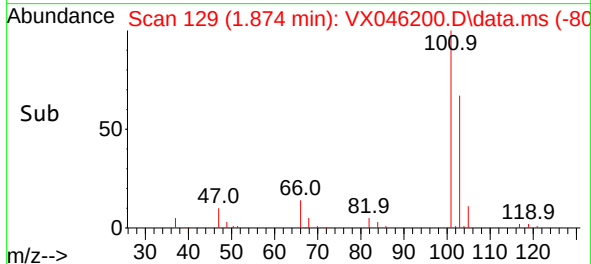
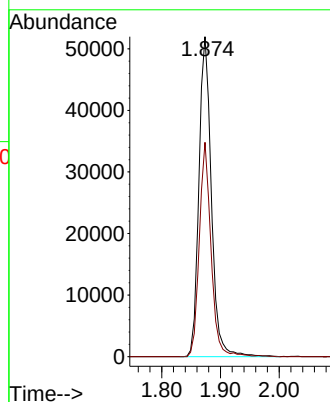
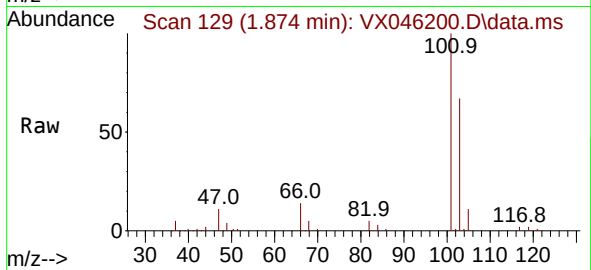




#7
Trichlorofluoromethane
Concen: 46.949 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046200.D
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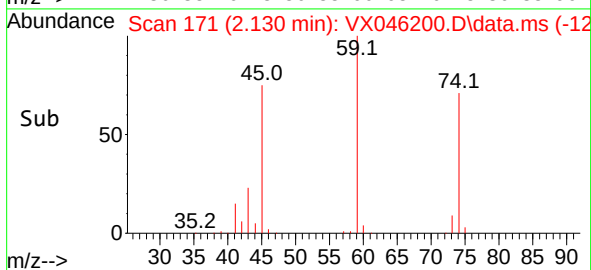
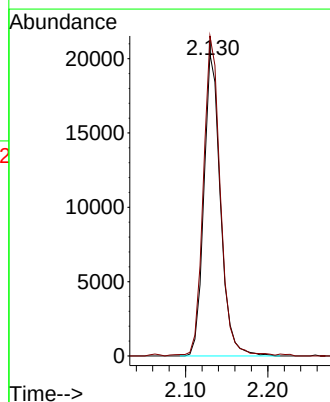
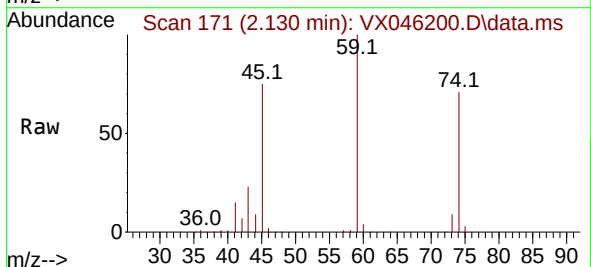
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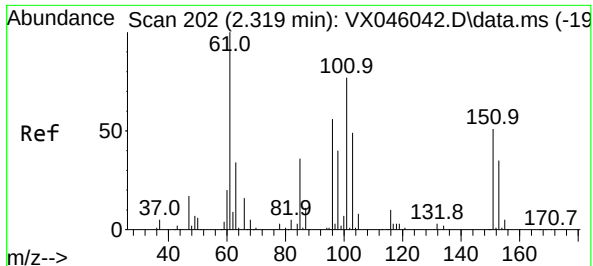
Tgt Ion:101 Resp: 76531
Ion Ratio Lower Upper
101 100
103 67.0 51.0 76.4



#8
Diethyl Ether
Concen: 51.386 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 74 Resp: 28515
Ion Ratio Lower Upper
74 100
45 108.6 54.9 164.8

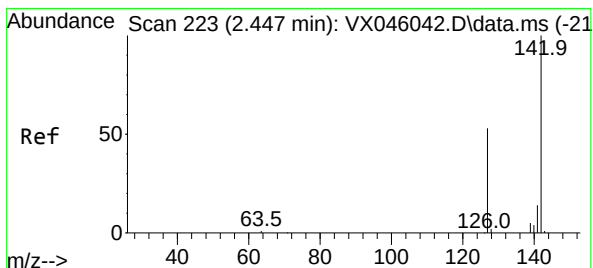
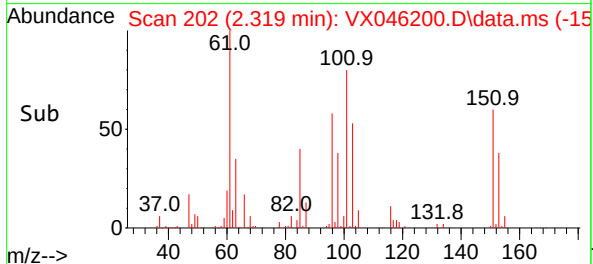
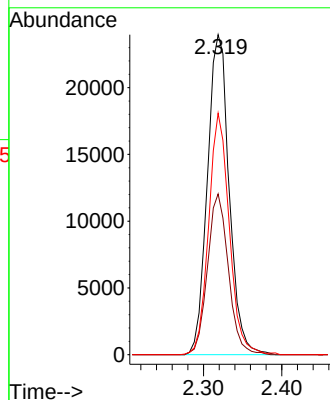
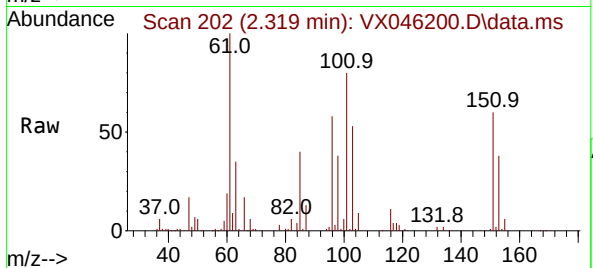




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.860 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
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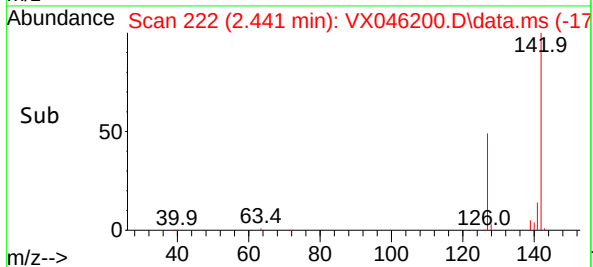
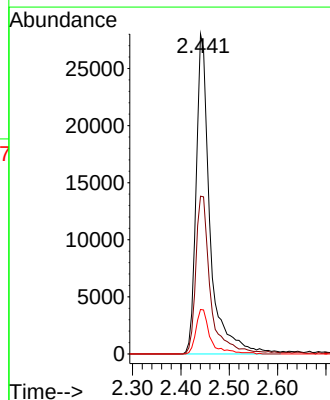
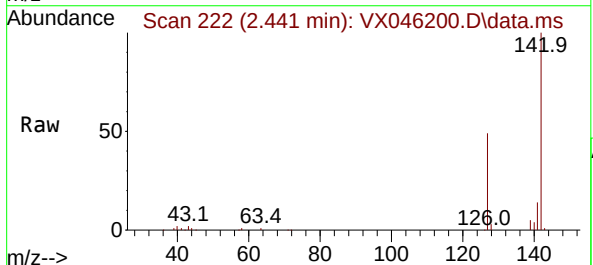
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ClientSampleId :
VSTDCCC050

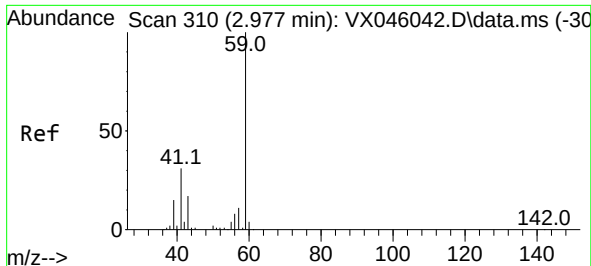
Tgt Ion:101 Resp: 46263
Ion Ratio Lower Upper
101 100
85 48.2 38.6 58.0
151 71.7 55.2 82.8



#10
Methyl Iodide
Concen: 46.879 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion:142 Resp: 55957
Ion Ratio Lower Upper
142 100
127 51.9 41.7 62.5
141 14.1 11.5 17.3

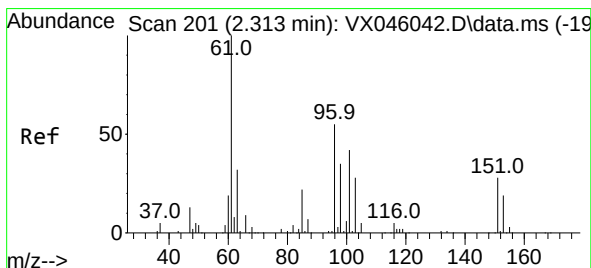
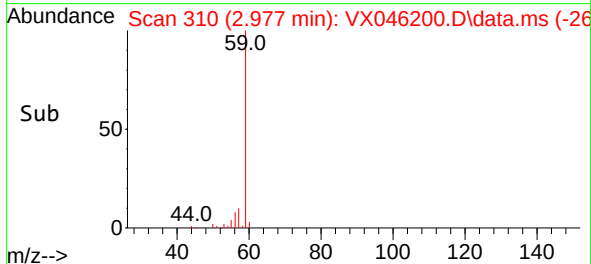
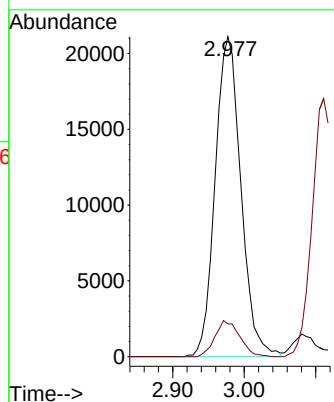
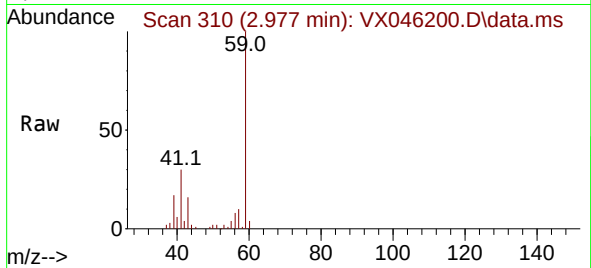




#11
Tert butyl alcohol
Concen: 252.367 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

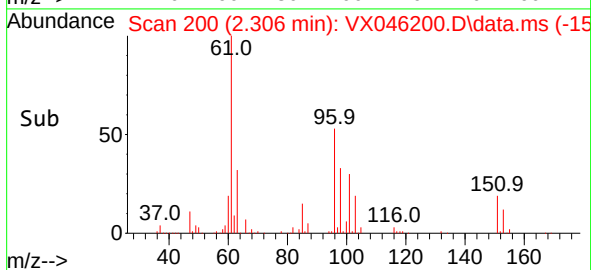
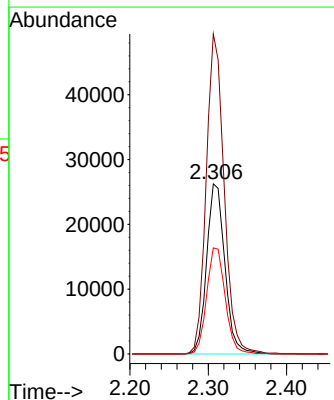
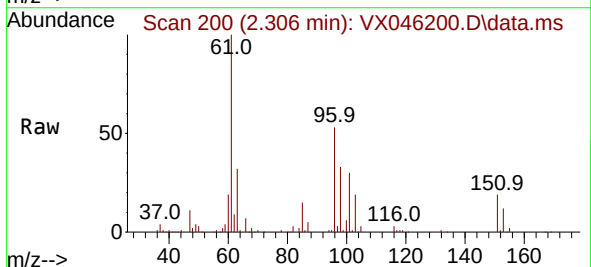
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

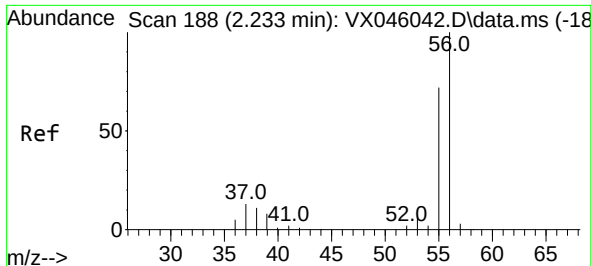
Tgt Ion: 59 Resp: 52732
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 44.844 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 96 Resp: 42457
Ion Ratio Lower Upper
96 100
61 188.1 146.2 219.2
98 62.4 51.0 76.6

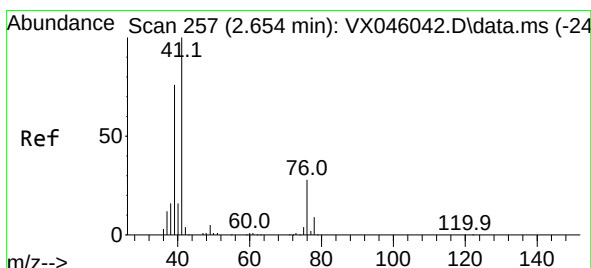
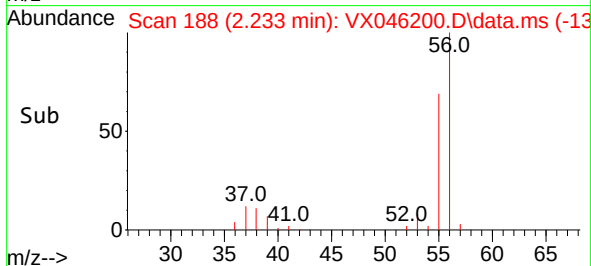
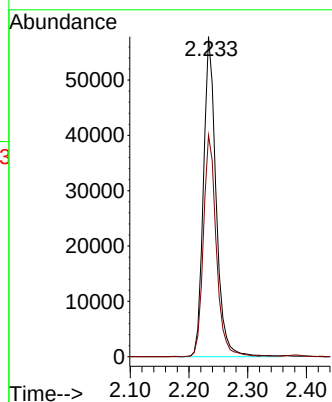
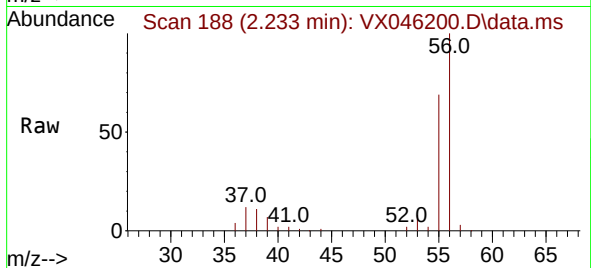




#13
Acrolein
Concen: 363.413 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

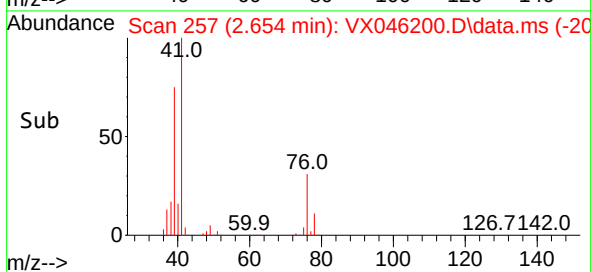
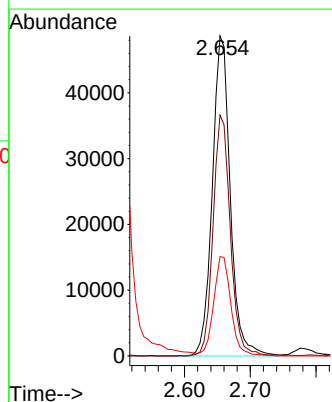
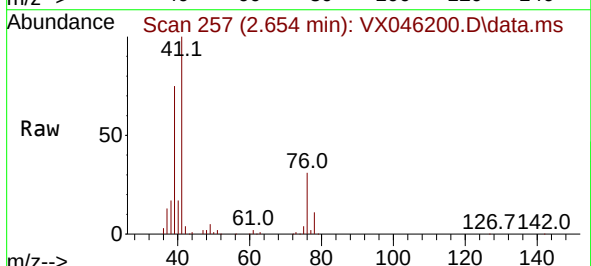
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

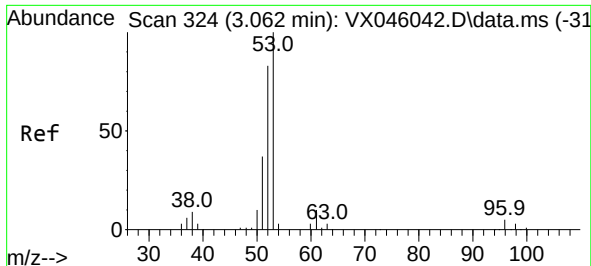
Tgt Ion: 56 Resp: 86478
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.4



#14
Allyl chloride
Concen: 51.271 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 41 Resp: 92771
Ion Ratio Lower Upper
41 100
39 72.2 60.6 90.8
76 29.9 24.9 37.3

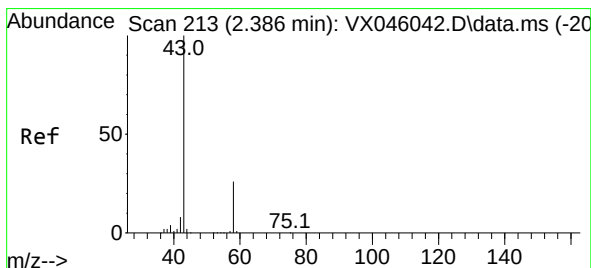
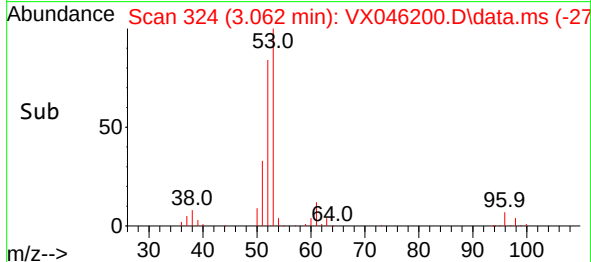
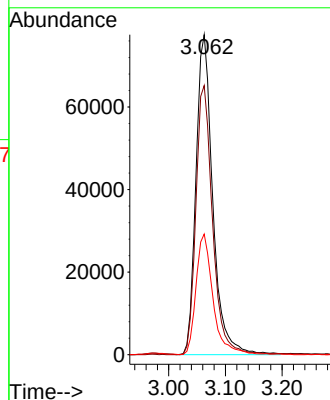
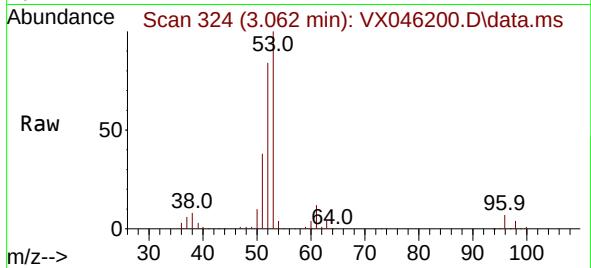




#15
Acrylonitrile
Concen: 267.618 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

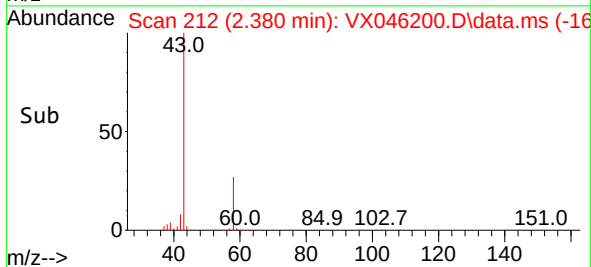
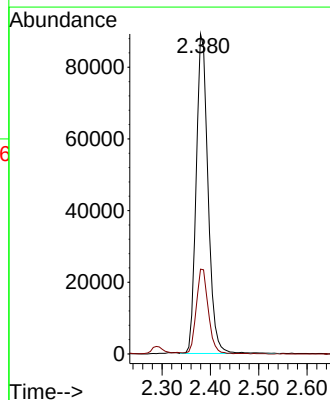
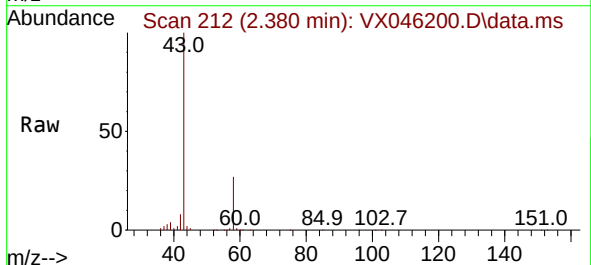
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

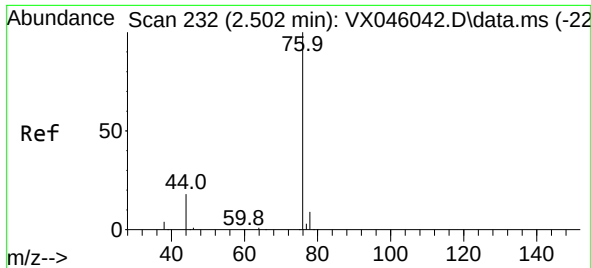
Tgt Ion: 53 Resp: 159896
Ion Ratio Lower Upper
53 100
52 83.4 65.3 97.9
51 38.3 29.8 44.8



#16
Acetone
Concen: 253.932 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 43 Resp: 151558
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8





#17

Carbon Disulfide

Concen: 42.518 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

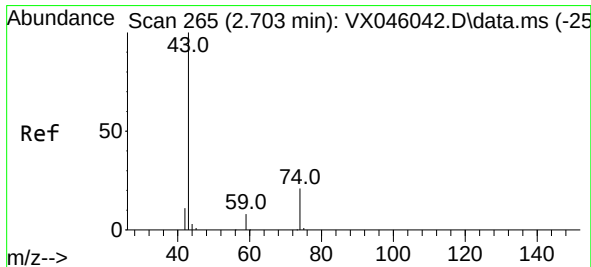
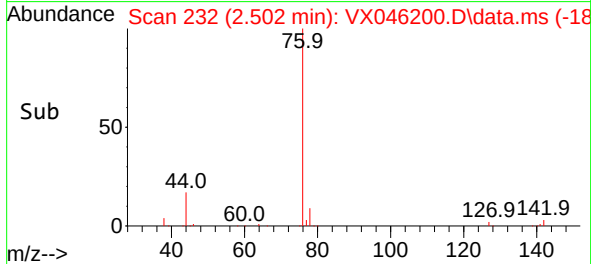
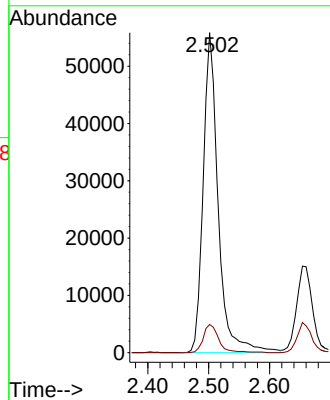
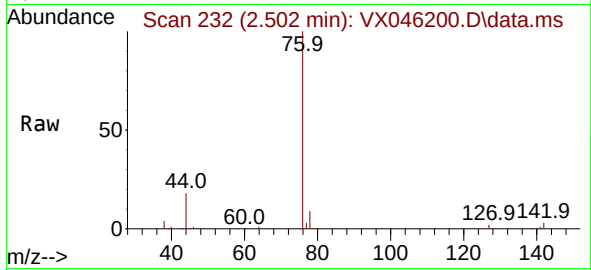
VSTDCCC050

Tgt Ion: 76 Resp: 95435

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



#18

Methyl Acetate

Concen: 57.561 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046200.D

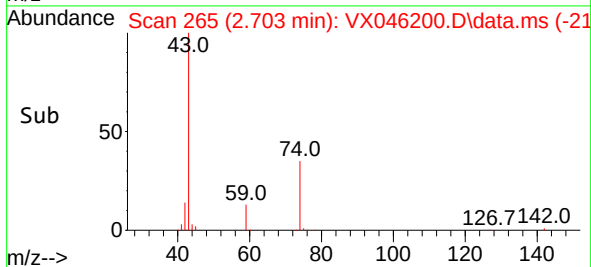
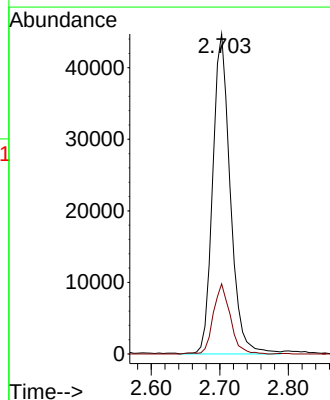
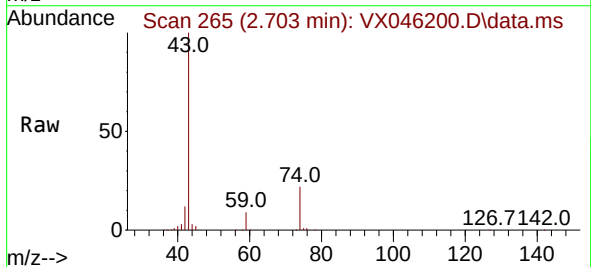
Acq: 15 May 2025 09:52

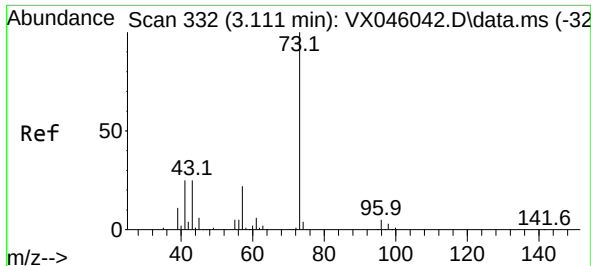
Tgt Ion: 43 Resp: 79721

Ion Ratio Lower Upper

43 100

74 21.2 16.7 25.1

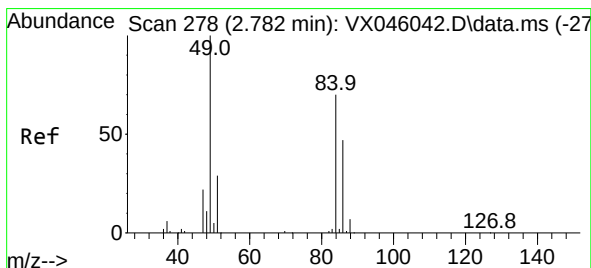
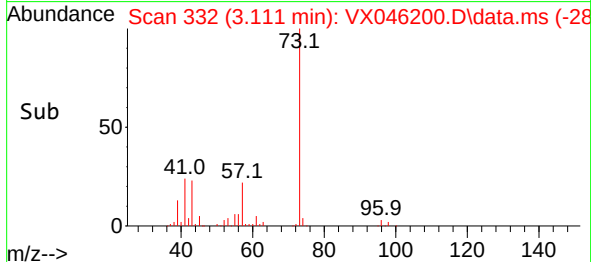
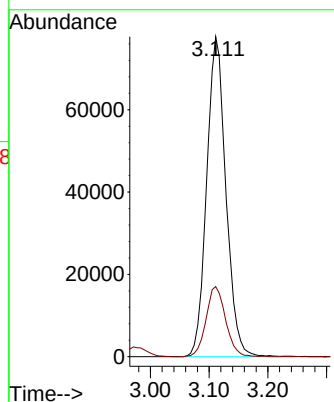
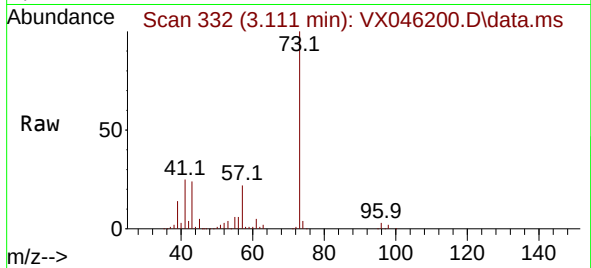




#19
Methyl tert-butyl Ether
Concen: 53.240 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

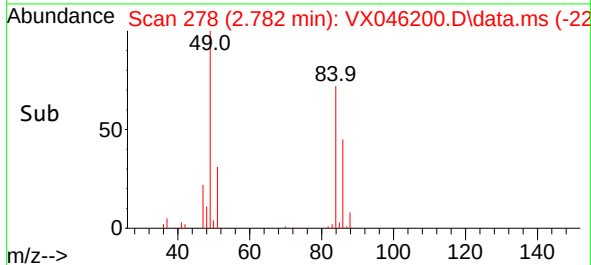
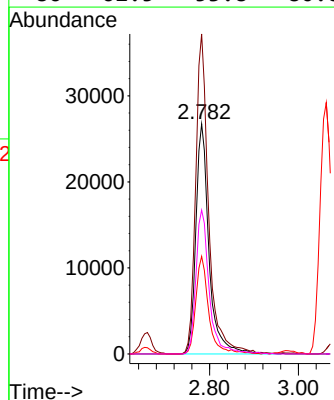
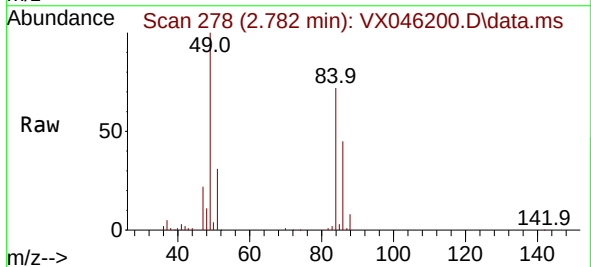
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

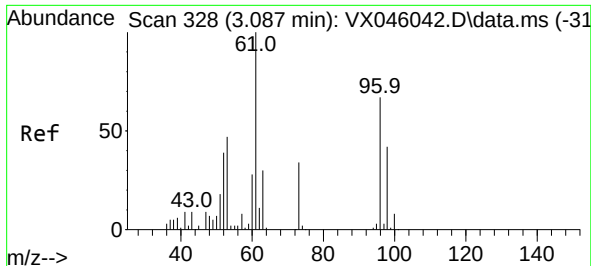
Tgt Ion: 73 Resp: 176719
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 47.986 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 84 Resp: 54884
Ion Ratio Lower Upper
84 100
49 139.1 113.9 170.9
51 42.5 33.5 50.3
86 62.5 53.8 80.8

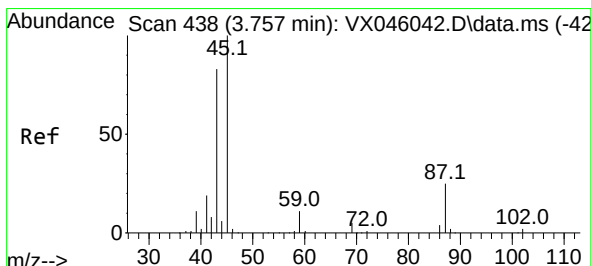
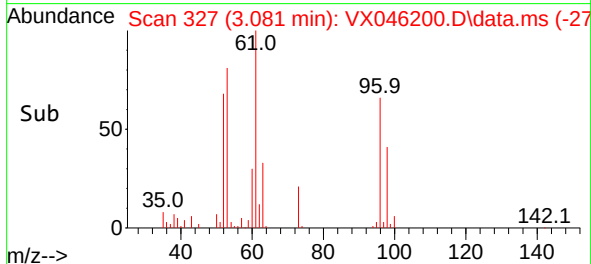
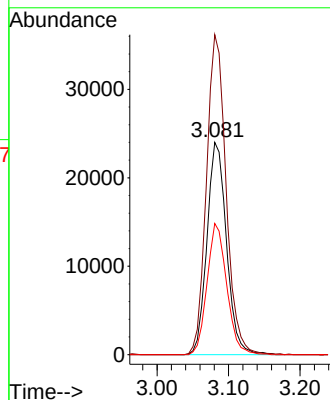
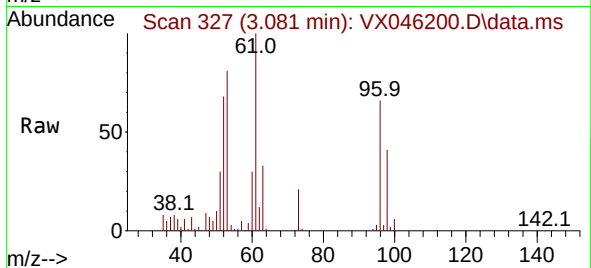




#21
trans-1,2-Dichloroethene
Concen: 47.945 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

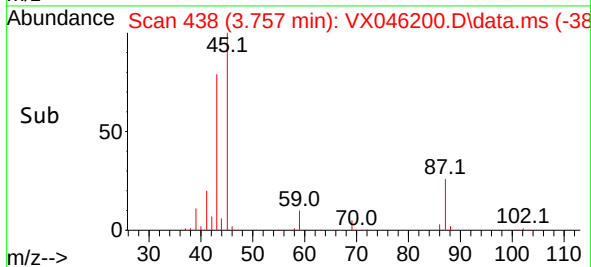
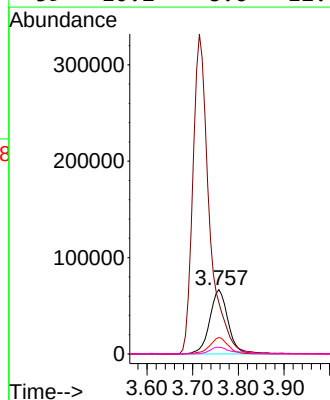
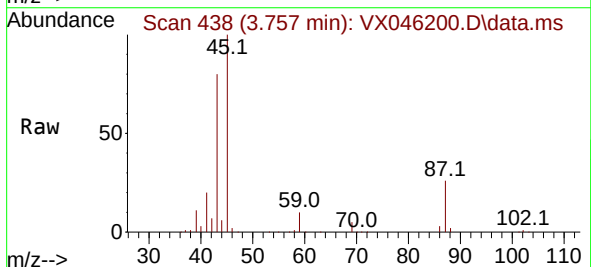
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

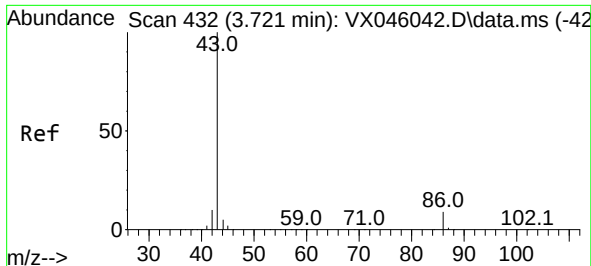
Tgt Ion: 96 Resp: 45649
Ion Ratio Lower Upper
96 100
61 150.7 119.5 179.3
98 61.7 50.0 75.0



#22
Diisopropyl ether
Concen: 53.235 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 45 Resp: 186066
Ion Ratio Lower Upper
45 100
43 78.6 66.6 100.0
87 25.6 19.8 29.6
59 10.2 8.6 12.8

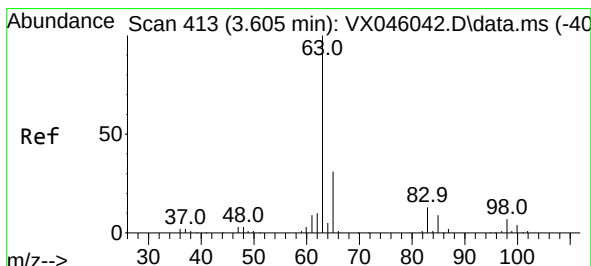
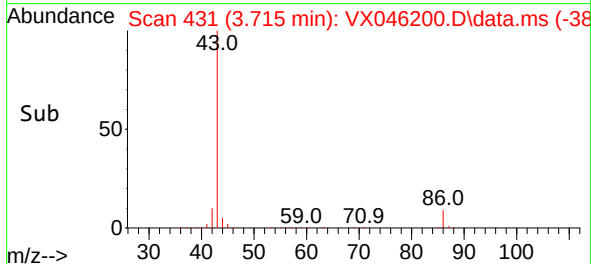
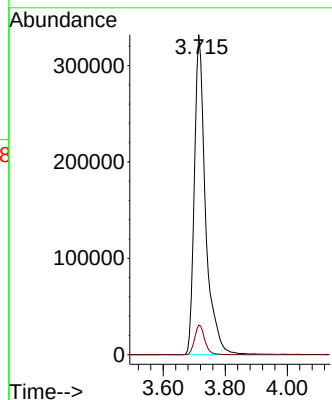
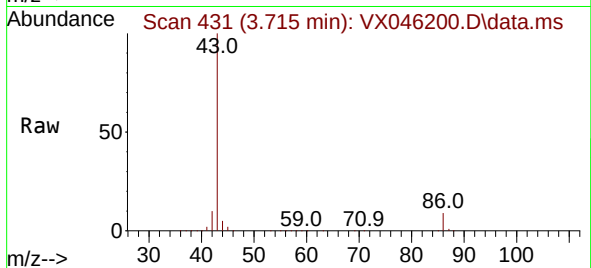




#23
 Vinyl Acetate
 Concen: 270.938 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX046200.D
 Acq: 15 May 2025 09:52

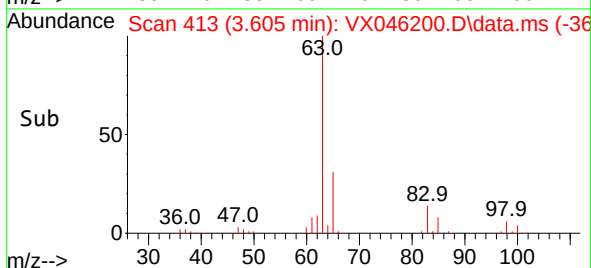
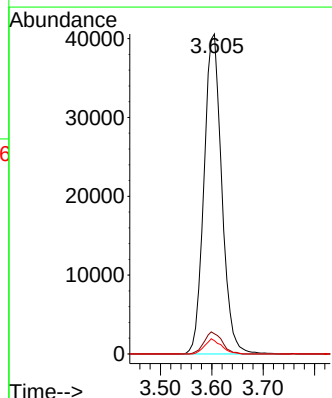
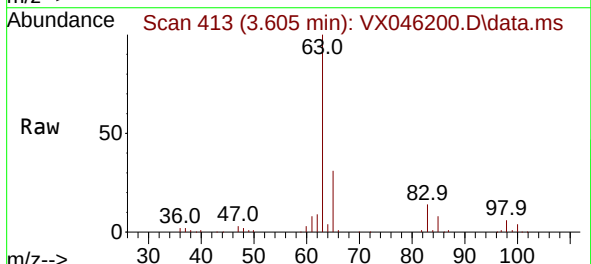
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

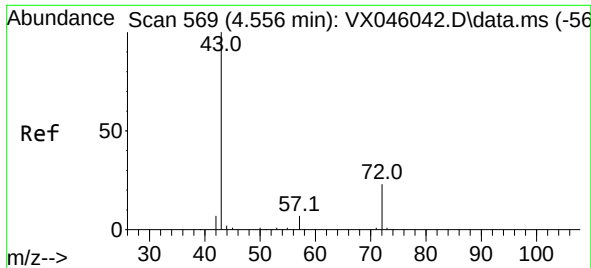
Tgt Ion: 43 Resp: 832901
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 50.084 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046200.D
 Acq: 15 May 2025 09:52

Tgt Ion: 63 Resp: 97500
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 4.2 2.1 6.3

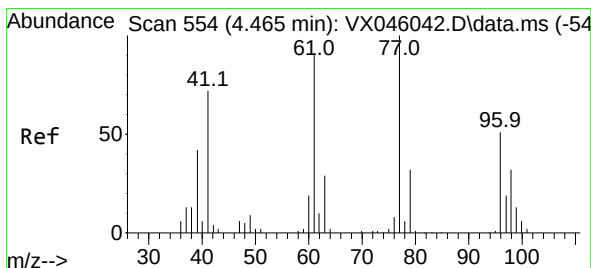
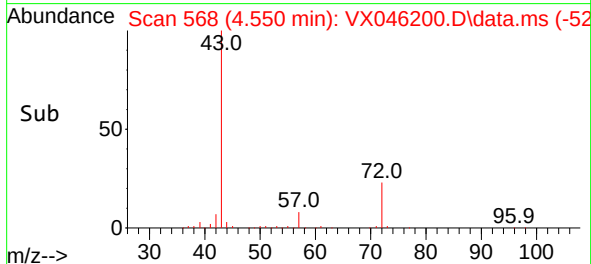
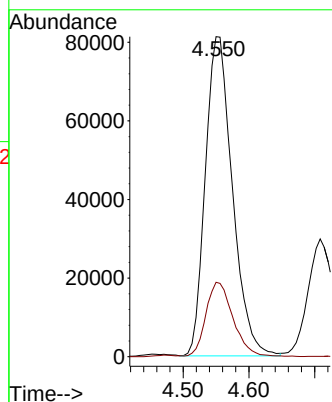
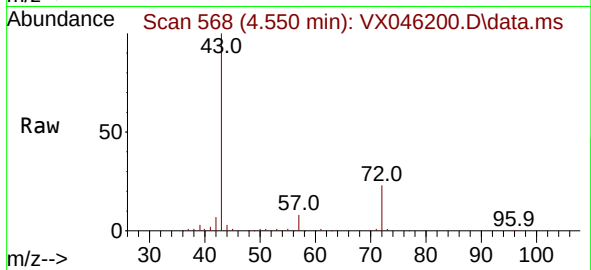




#25
2-Butanone
Concen: 268.650 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

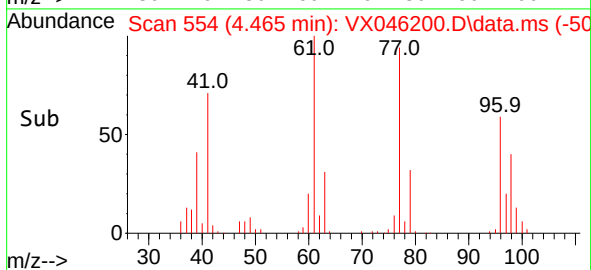
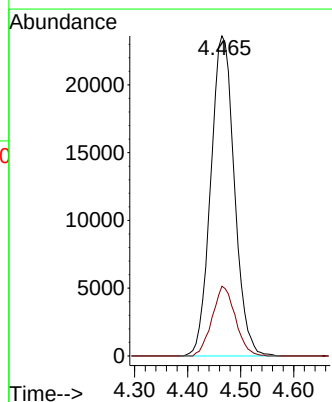
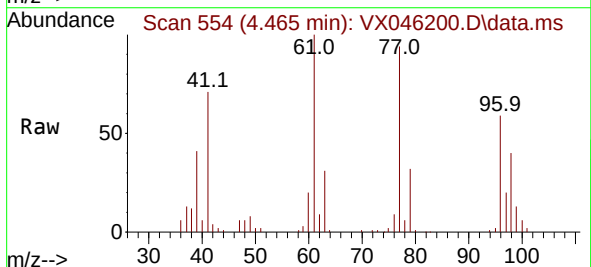
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

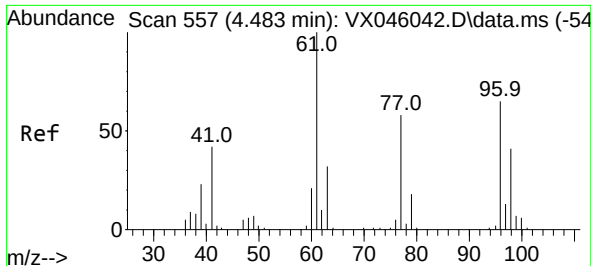
Tgt Ion: 43 Resp: 232783
Ion Ratio Lower Upper
43 100
72 23.1 18.4 27.6



#26
2,2-Dichloropropane
Concen: 48.010 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 77 Resp: 73154
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 50.657 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

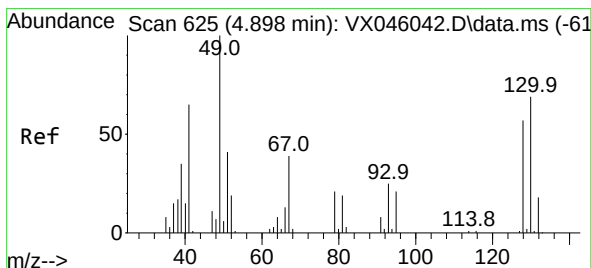
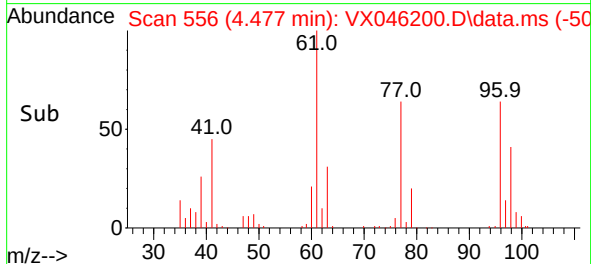
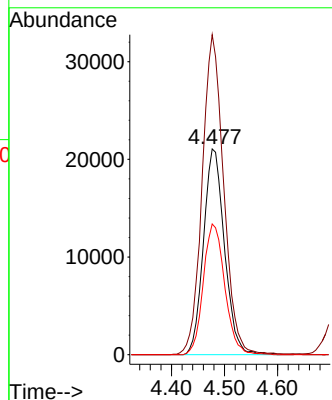
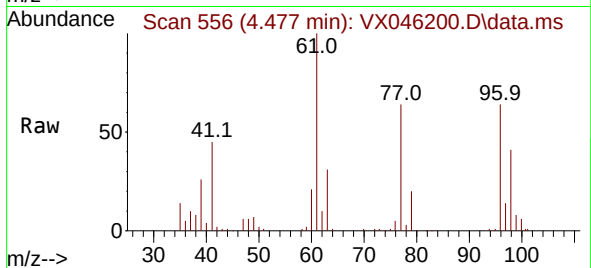
Tgt Ion: 96 Resp: 58063

Ion Ratio Lower Upper

96 100

61 159.4 0.0 322.8

98 64.8 0.0 129.0



#28

Bromochloromethane

Concen: 51.418 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

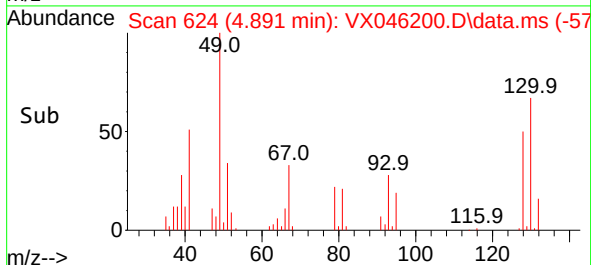
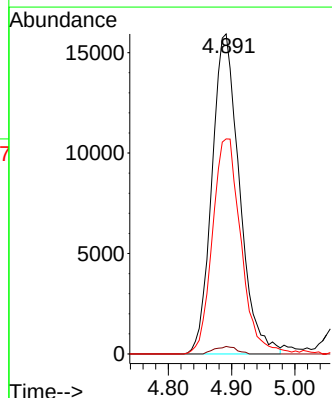
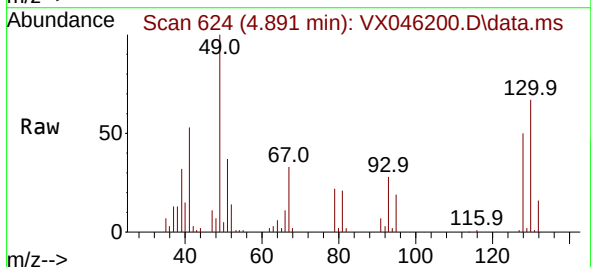
Tgt Ion: 49 Resp: 48182

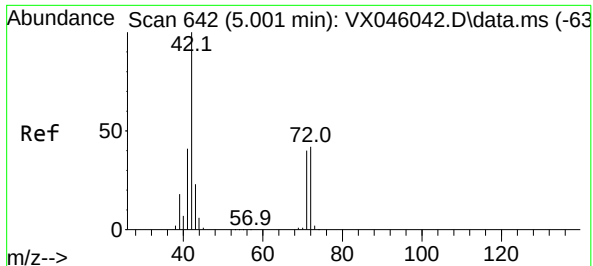
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 69.5 56.2 84.2





#29

Tetrahydrofuran

Concen: 268.925 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

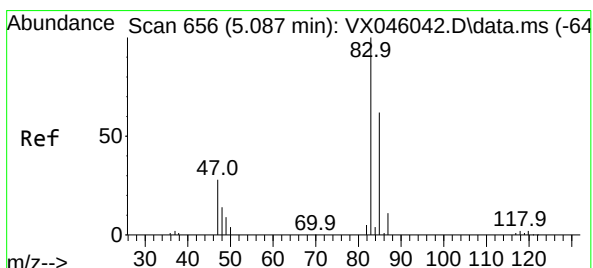
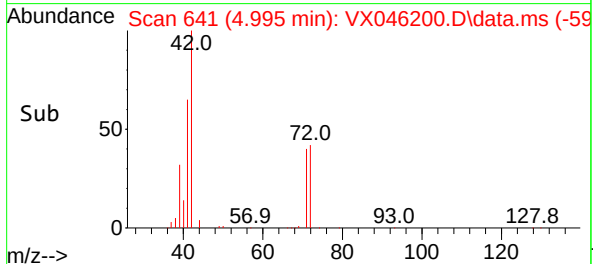
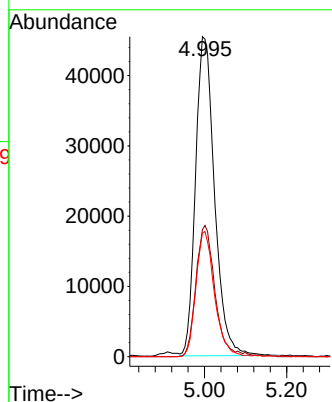
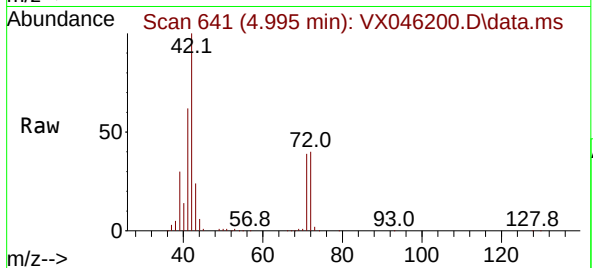
Tgt Ion: 42 Resp: 146017

Ion Ratio Lower Upper

42 100

72 41.4 33.7 50.5

71 38.3 31.4 47.2



#30

Chloroform

Concen: 51.119 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX046200.D

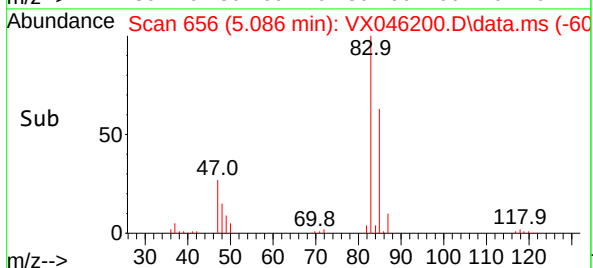
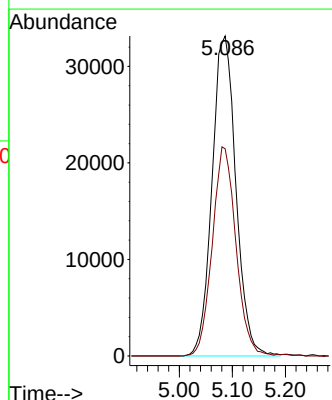
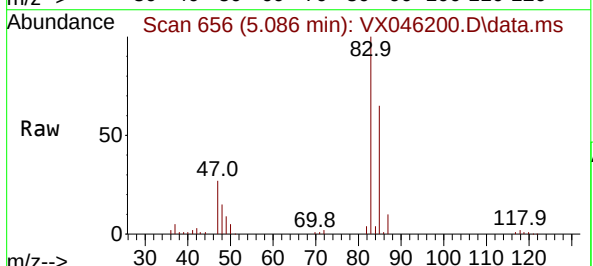
Acq: 15 May 2025 09:52

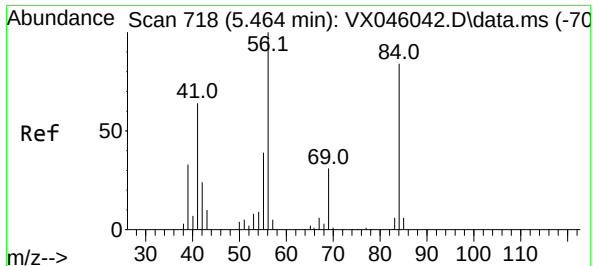
Tgt Ion: 83 Resp: 103726

Ion Ratio Lower Upper

83 100

85 64.7 49.3 73.9

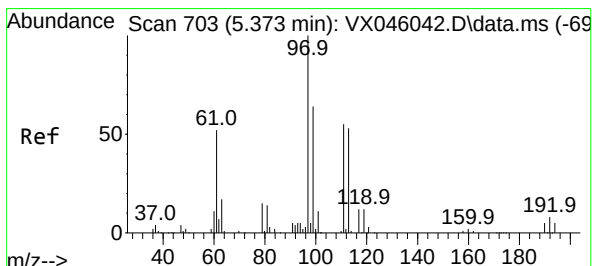
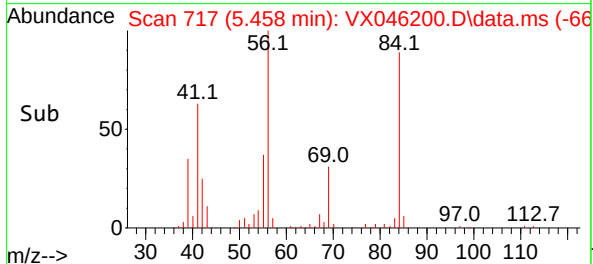
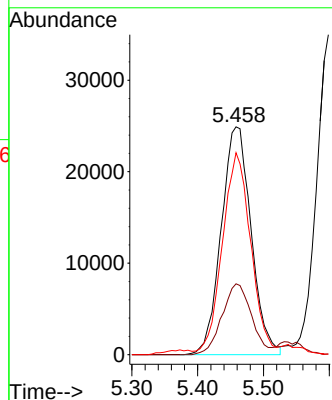
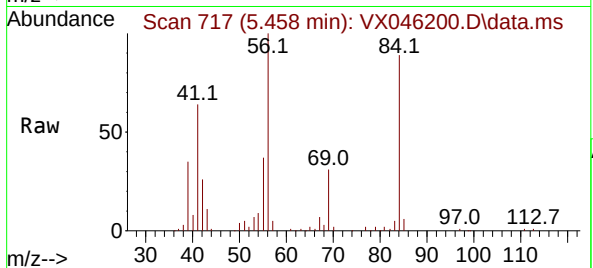




#31
Cyclohexane
Concen: 44.439 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

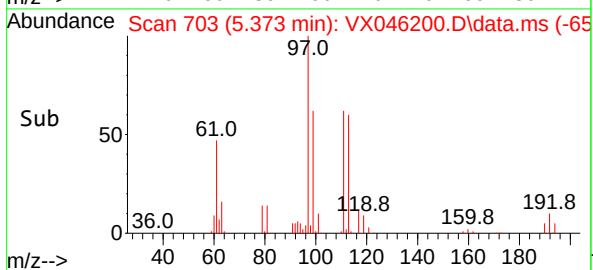
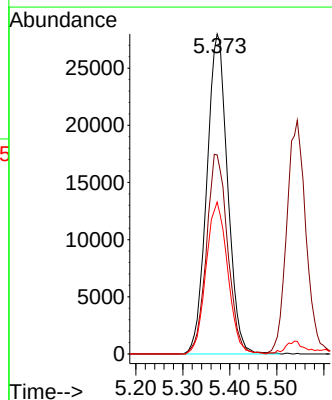
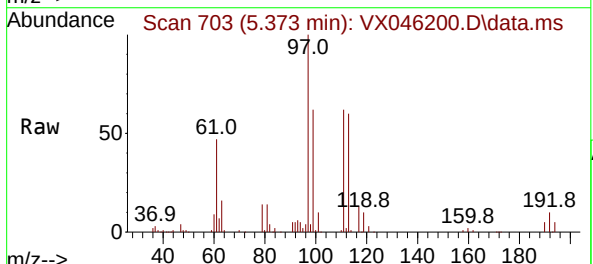
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

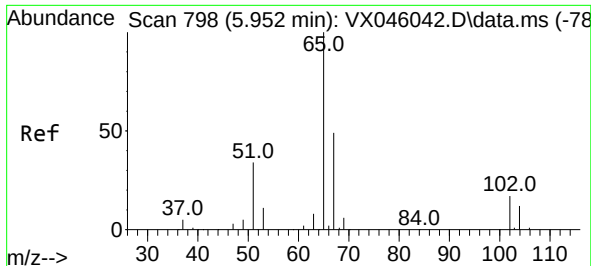
Tgt Ion: 56 Resp: 78834
Ion Ratio Lower Upper
56 100
69 31.1 24.4 36.6
84 86.5 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 48.968 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 97 Resp: 86131
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 49.5 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 50.459 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

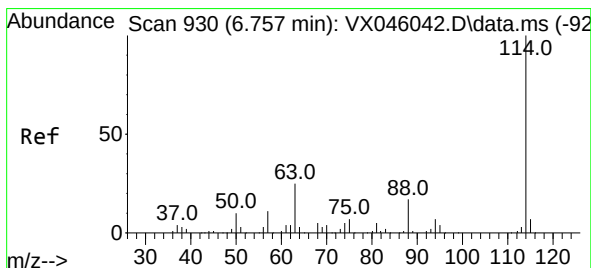
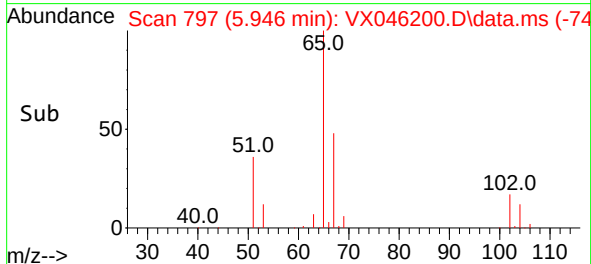
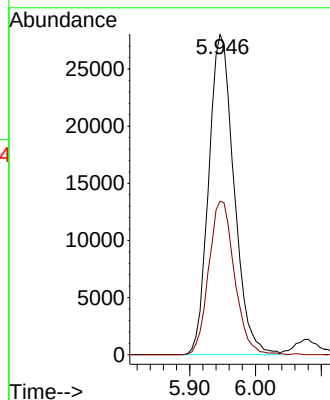
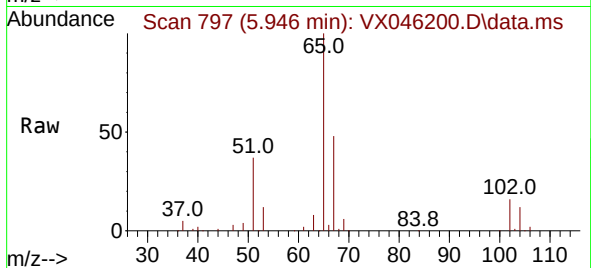
VSTDCCC050

Tgt Ion: 65 Resp: 75112

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

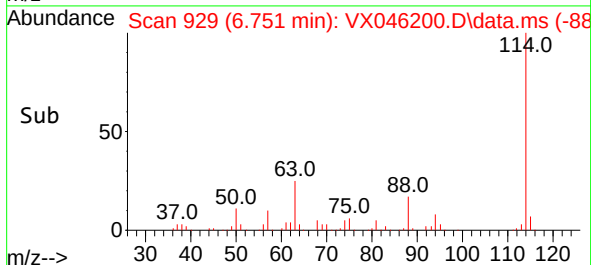
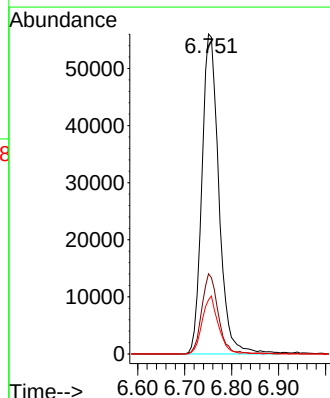
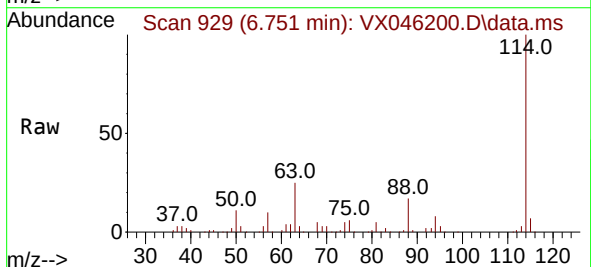
Tgt Ion: 114 Resp: 140483

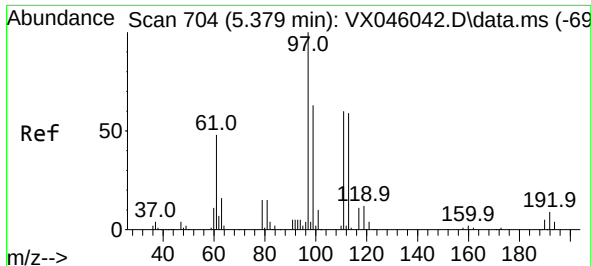
Ion Ratio Lower Upper

114 100

63 25.0 0.0 49.2

88 16.9 0.0 33.6

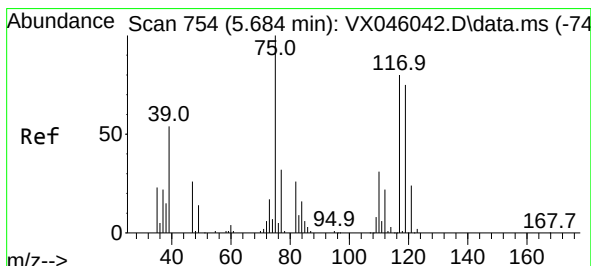
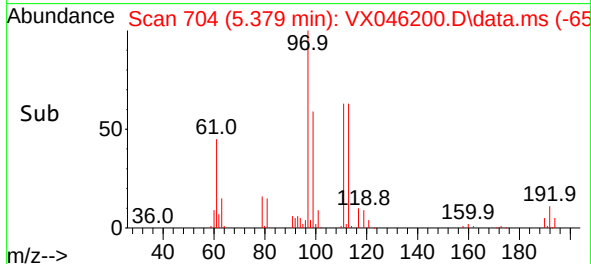
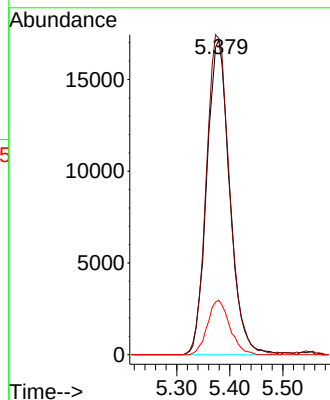
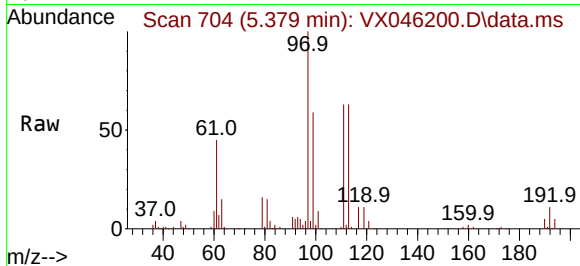




#35
Dibromofluoromethane
Concen: 50.790 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

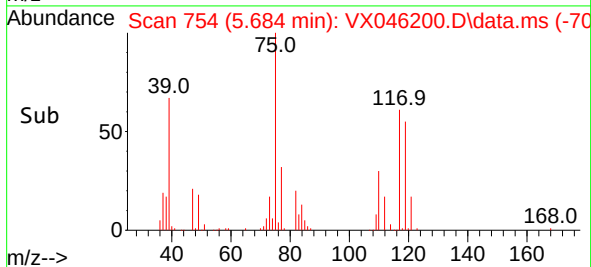
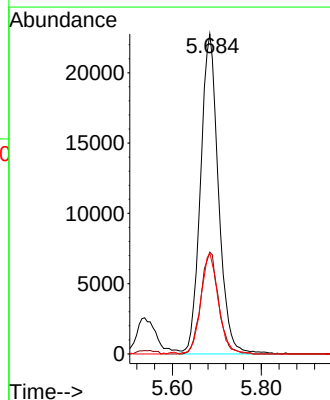
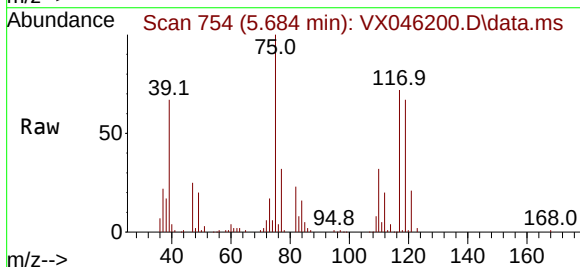
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

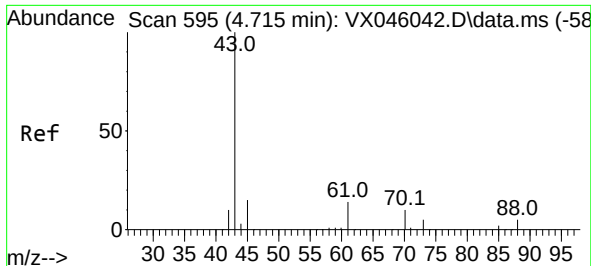
Tgt Ion:113 Resp: 51380
Ion Ratio Lower Upper
113 100
111 103.1 83.1 124.7
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 47.085 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 75 Resp: 63999
Ion Ratio Lower Upper
75 100
110 31.5 16.3 48.9
77 30.8 24.3 36.5

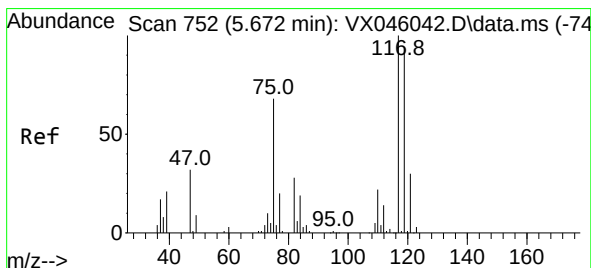
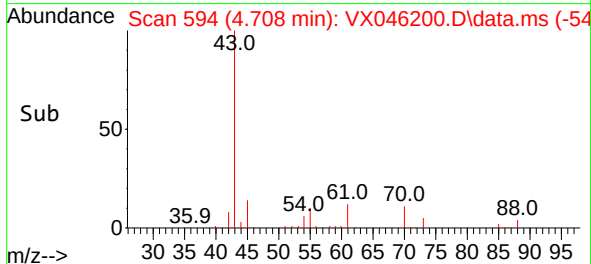
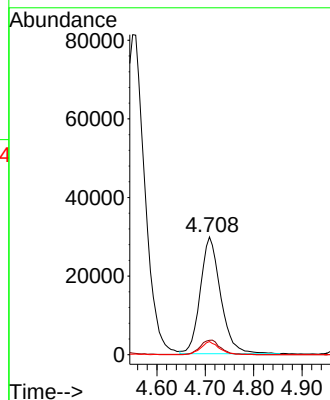
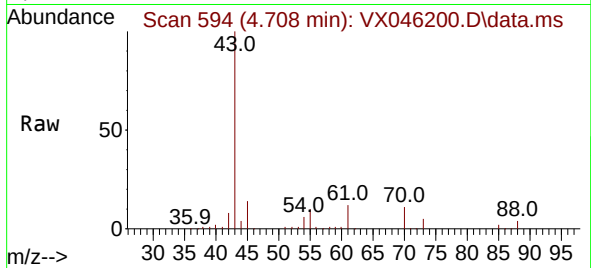




#37
Ethyl Acetate
Concen: 51.772 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

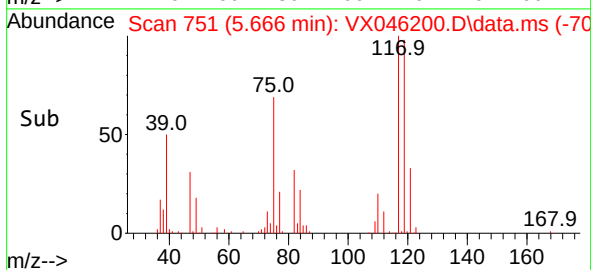
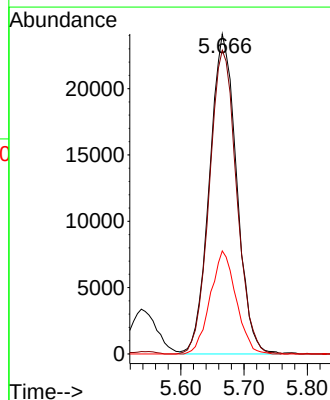
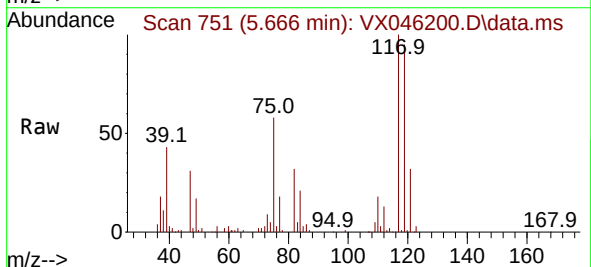
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

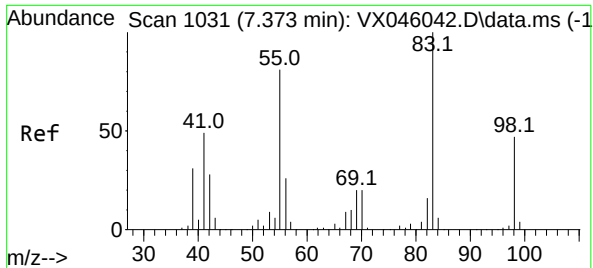
Tgt Ion: 43 Resp: 86942
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 10.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 46.917 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 117 Resp: 71651
Ion Ratio Lower Upper
117 100
119 94.7 75.2 112.8
121 32.2 24.2 36.4

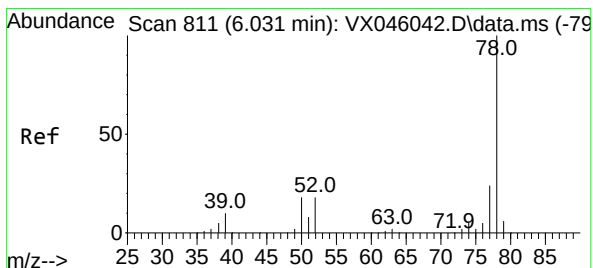
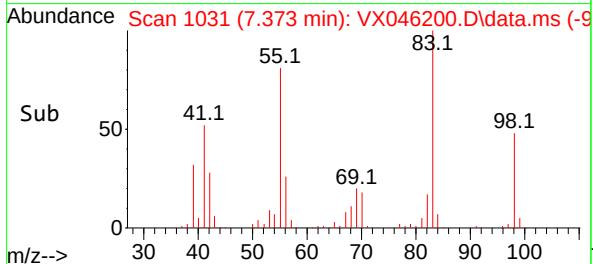
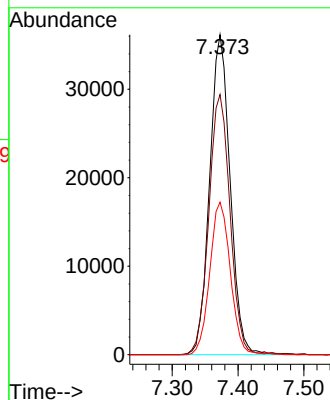
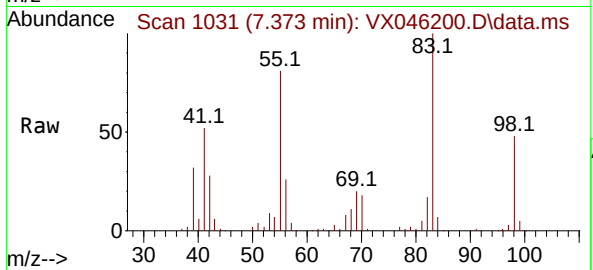




#39
Methylcyclohexane
Concen: 44.850 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

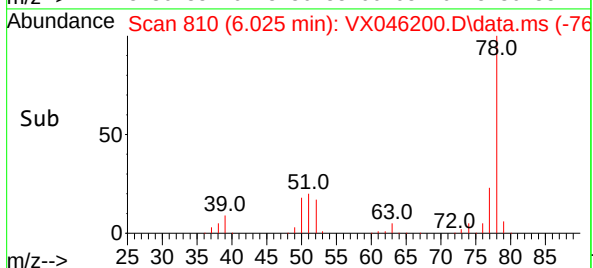
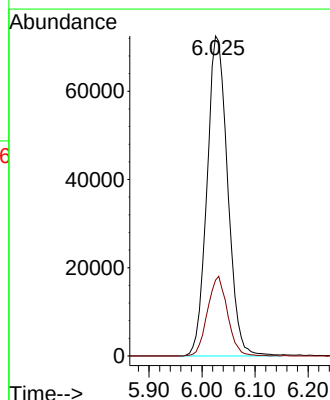
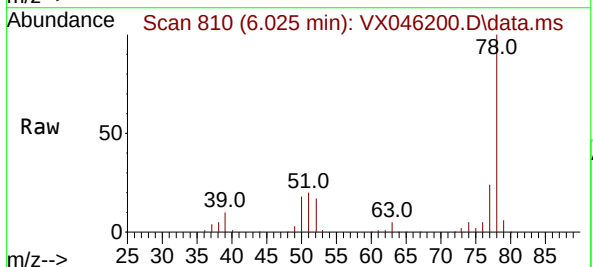
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

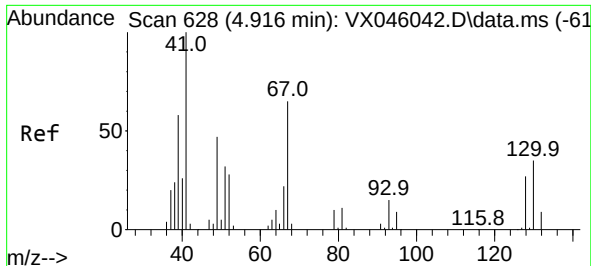
Tgt Ion: 83 Resp: 78483
Ion Ratio Lower Upper
83 100
55 81.3 64.7 97.1
98 47.7 37.4 56.2



#40
Benzene
Concen: 49.356 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 78 Resp: 196502
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

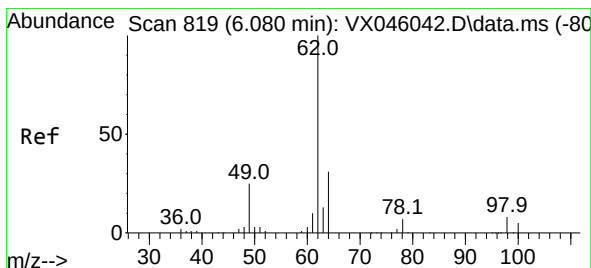
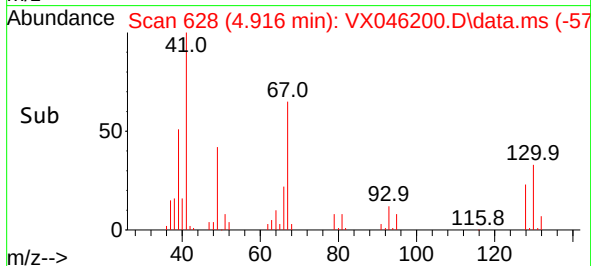
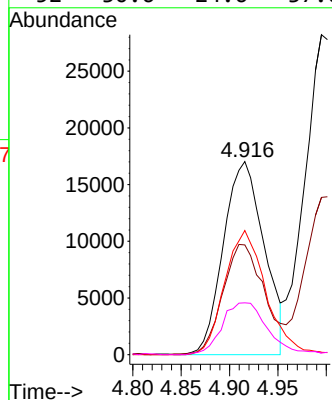
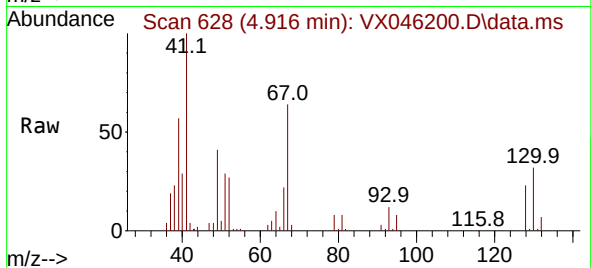




#41
Methacrylonitrile
Concen: 56.711 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

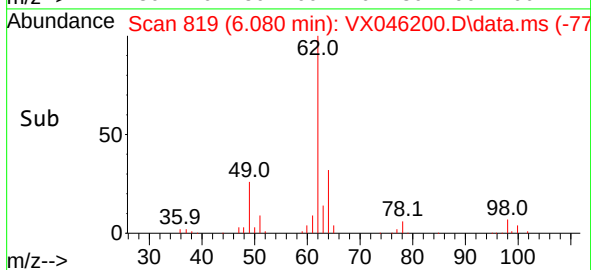
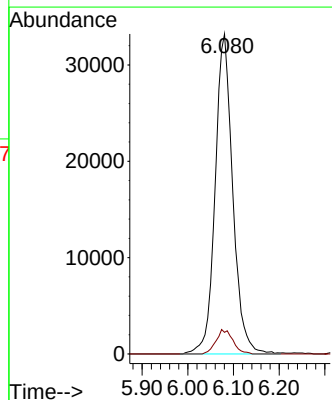
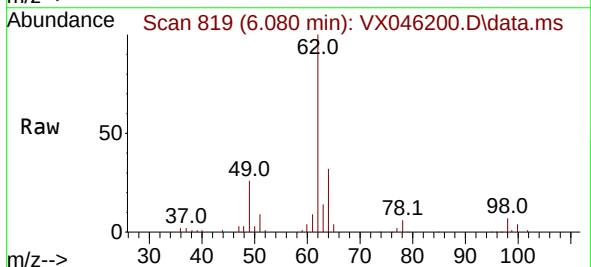
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

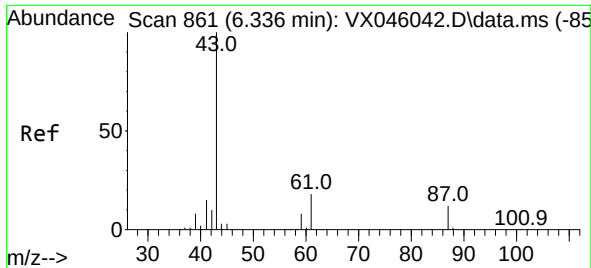
Tgt Ion:	41	Resp:	49819
Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.2	70.8
67	65.8	50.7	76.1
52	30.6	24.6	37.0



#42
1,2-Dichloroethane
Concen: 51.827 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion:	62	Resp:	89054
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.2

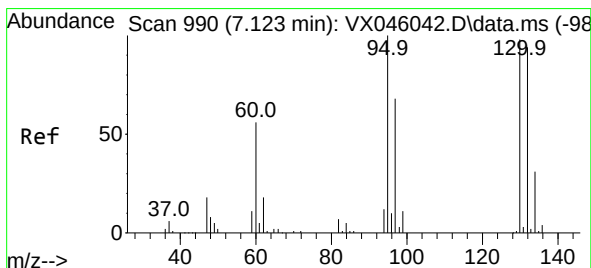
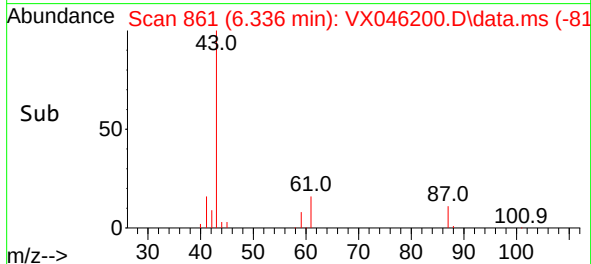
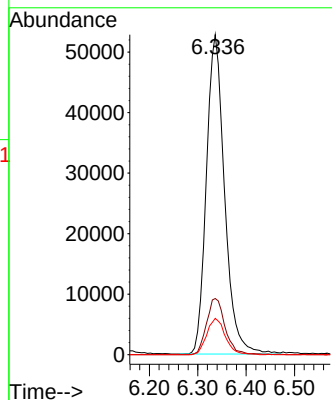
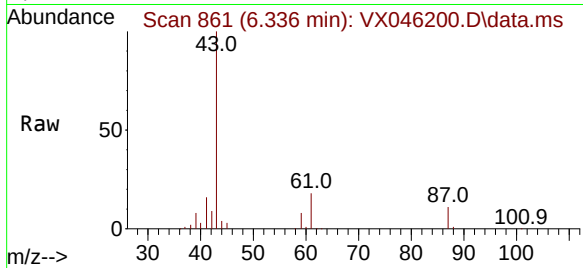




#43
Isopropyl Acetate
Concen: 53.921 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

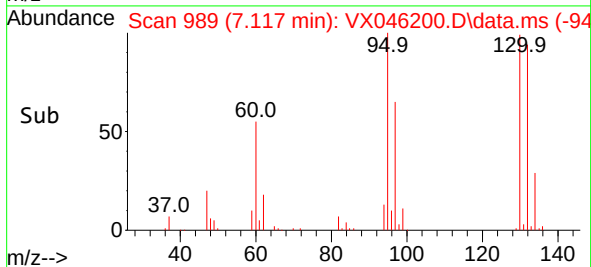
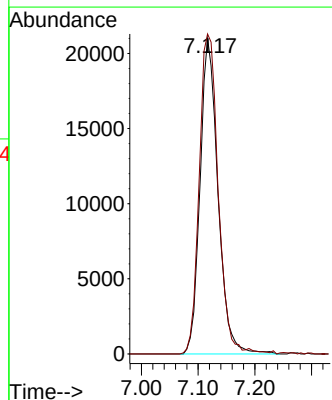
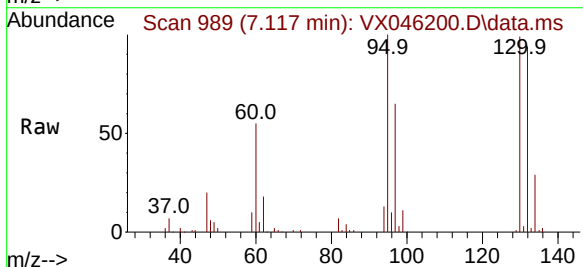
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

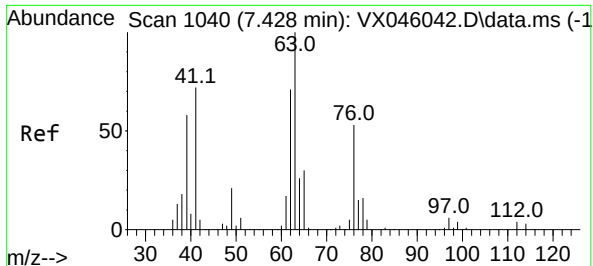
Tgt Ion: 43 Resp: 138141
Ion Ratio Lower Upper
43 100
61 18.0 14.3 21.5
87 11.5 9.5 14.3



#44
Trichloroethene
Concen: 48.134 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion:130 Resp: 46123
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.2





#45

1,2-Dichloropropane

Concen: 52.609 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

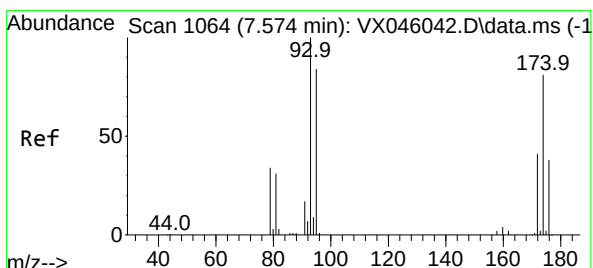
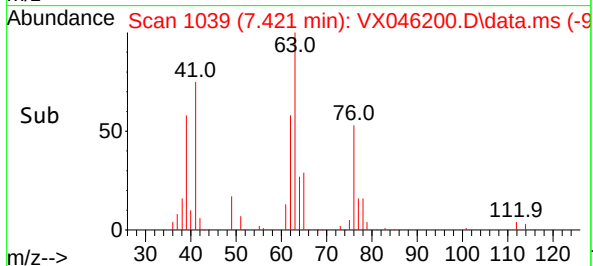
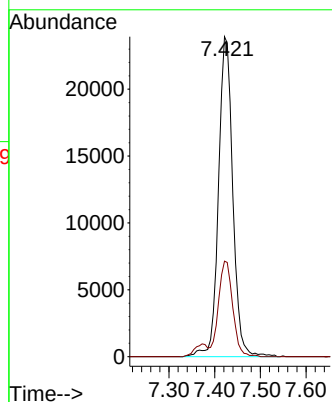
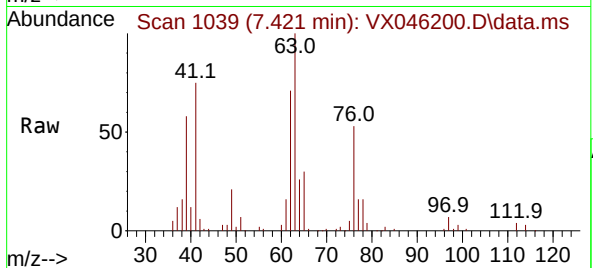
VSTDCCC050

Tgt Ion: 63 Resp: 52081

Ion Ratio Lower Upper

63 100

65 29.9 24.1 36.1



#46

Dibromomethane

Concen: 52.296 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

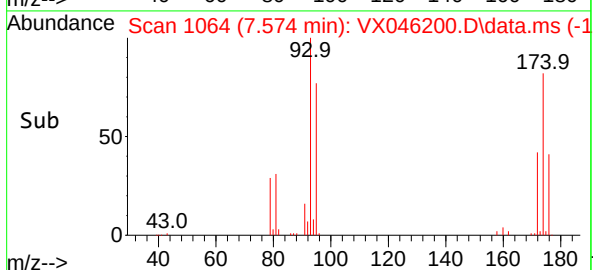
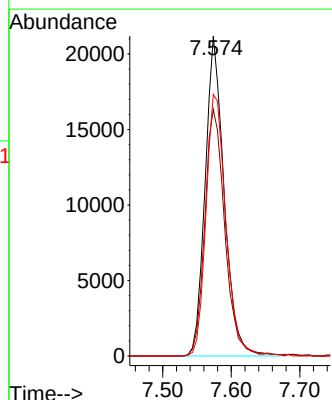
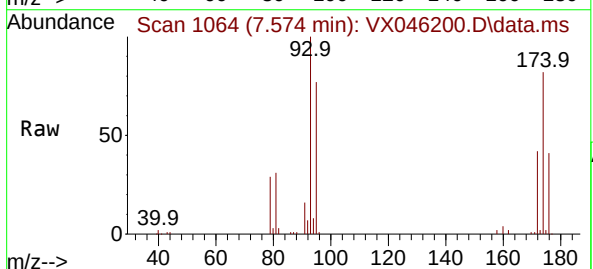
Tgt Ion: 93 Resp: 40833

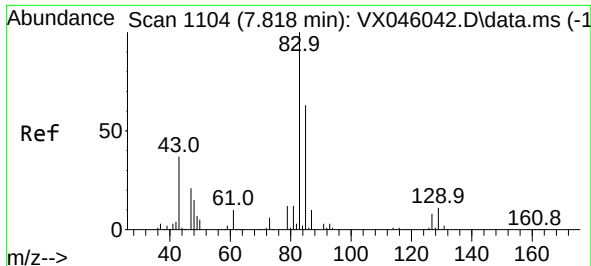
Ion Ratio Lower Upper

93 100

95 81.1 65.6 98.4

174 86.2 68.2 102.2

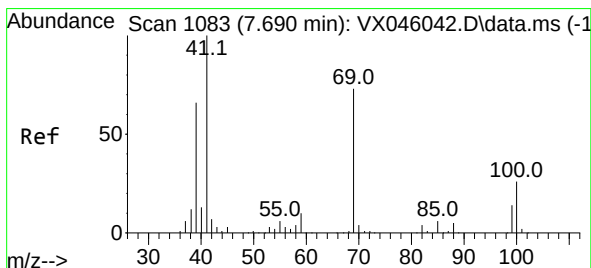
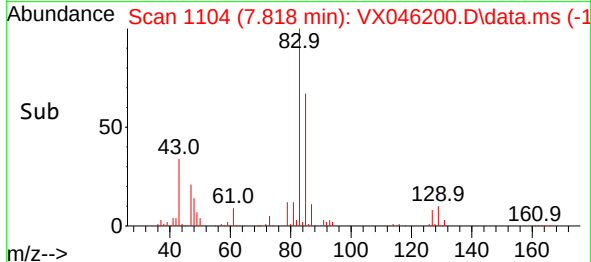
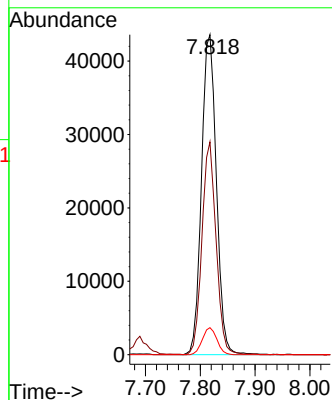
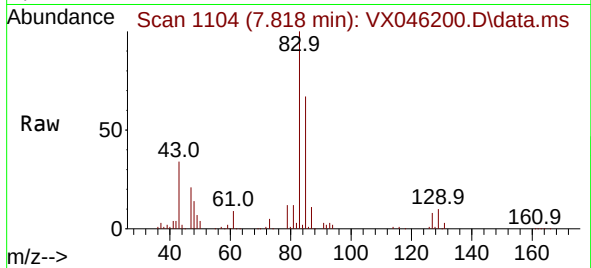




#47
Bromodichloromethane
Concen: 53.445 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

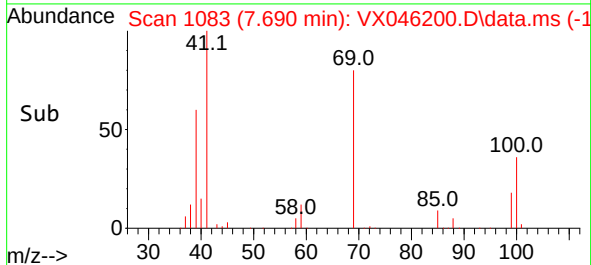
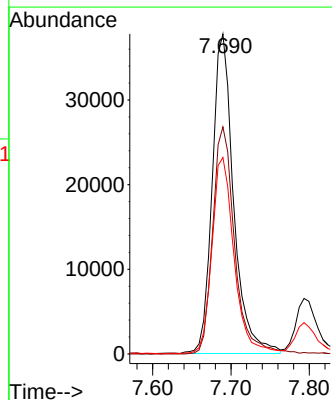
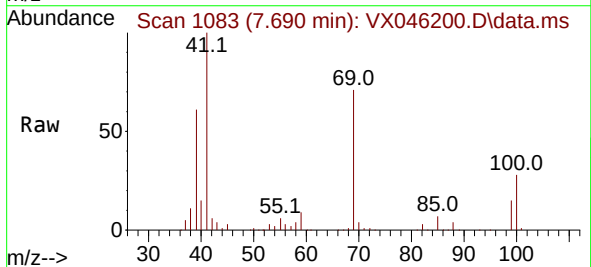
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

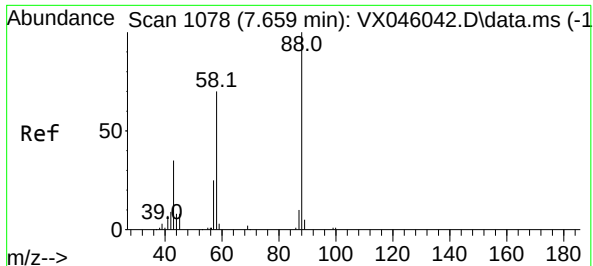
Tgt Ion: 83 Resp: 82190
Ion Ratio Lower Upper
83 100
85 66.5 50.5 75.7
127 8.4 6.5 9.7



#48
Methyl methacrylate
Concen: 54.783 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 41 Resp: 71677
Ion Ratio Lower Upper
41 100
69 73.3 58.5 87.7
39 64.0 51.7 77.5





#49

1,4-Dioxane

Concen: 1060.072 ug/l

RT: 7.659 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

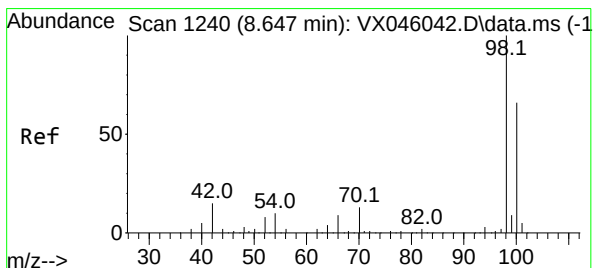
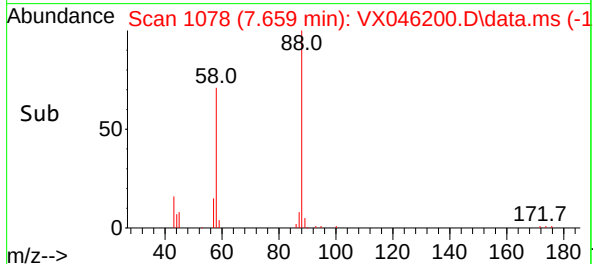
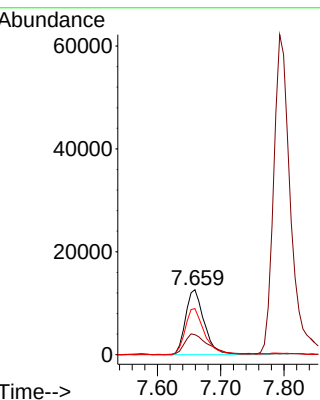
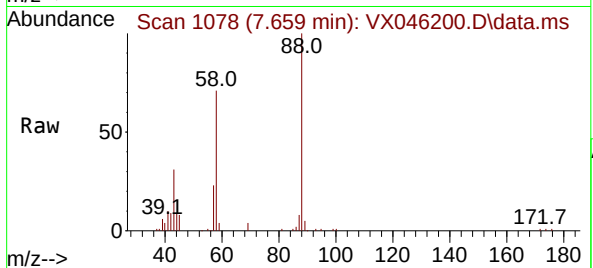
Tgt Ion: 88 Resp: 26335

Ion Ratio Lower Upper

88 100

43 39.9 33.4 50.2

58 73.0 58.6 88.0



#50

Toluene-d8

Concen: 48.757 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VX046200.D

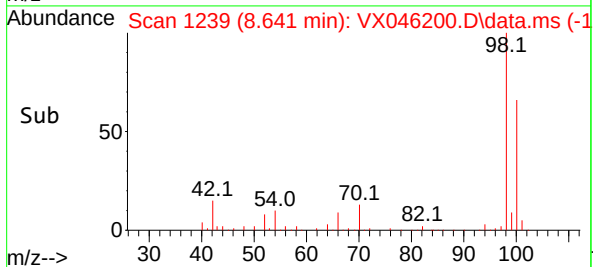
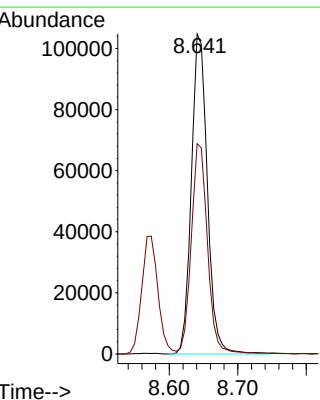
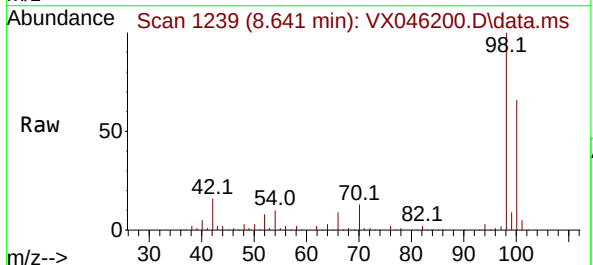
Acq: 15 May 2025 09:52

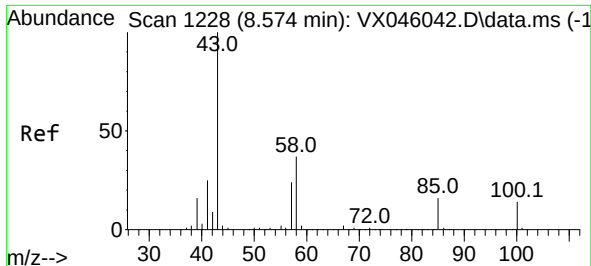
Tgt Ion: 98 Resp: 170717

Ion Ratio Lower Upper

98 100

100 66.8 53.5 80.3

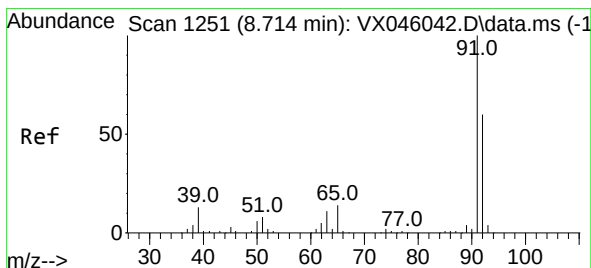
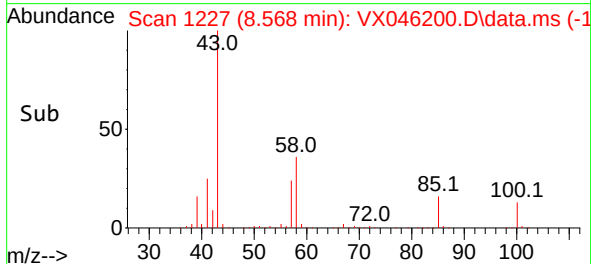
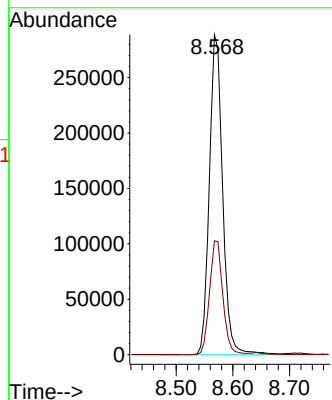
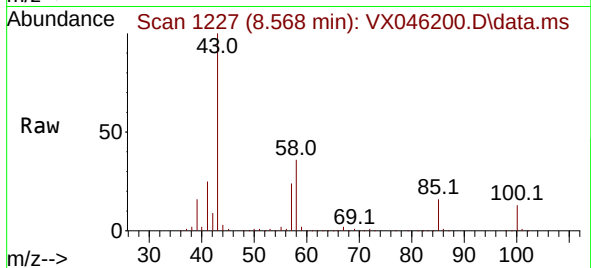




#51
4-Methyl-2-Pentanone
Concen: 277.135 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

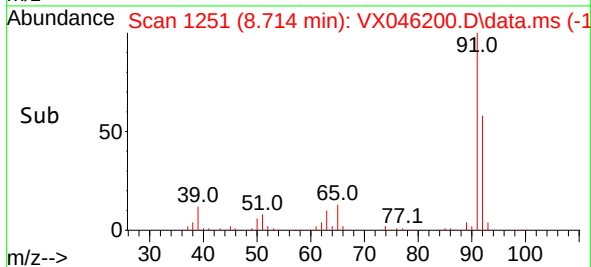
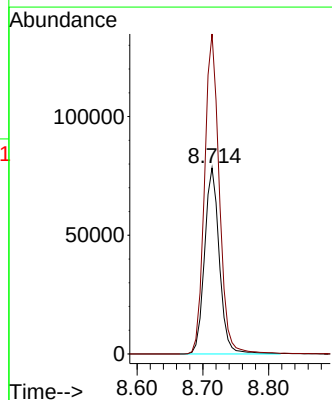
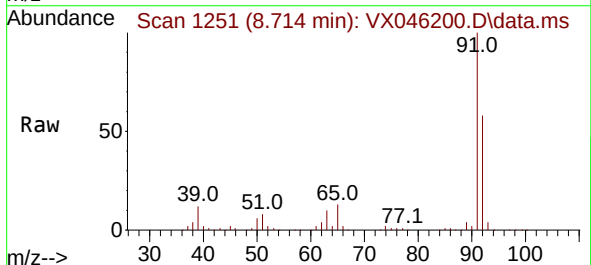
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

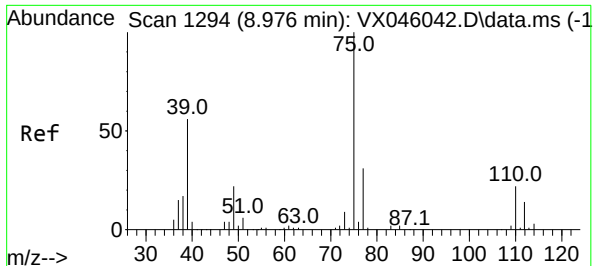
Tgt Ion: 43 Resp: 471283
Ion Ratio Lower Upper
43 100
58 35.6 28.9 43.3



#52
Toluene
Concen: 50.134 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 92 Resp: 122389
Ion Ratio Lower Upper
92 100
91 172.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 54.955 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

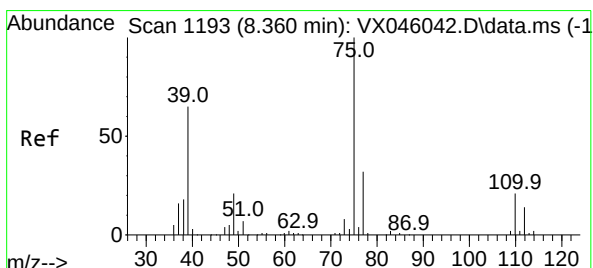
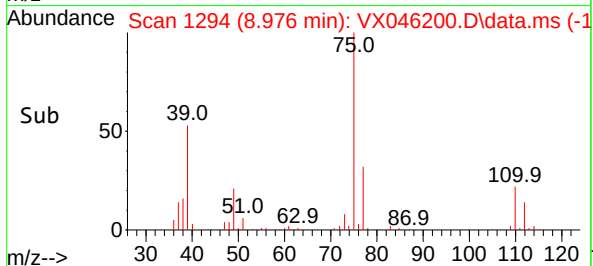
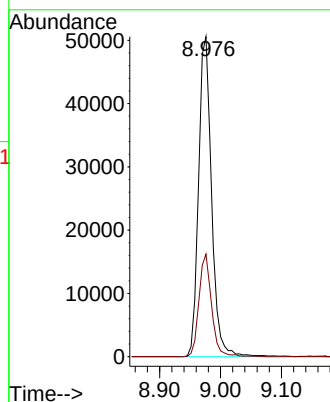
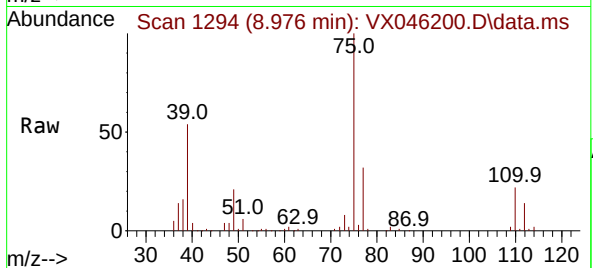
VSTDCCC050

Tgt Ion: 75 Resp: 75119

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.175 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

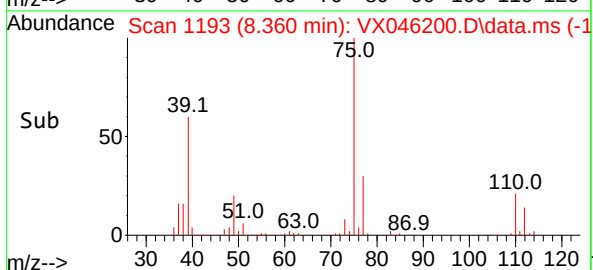
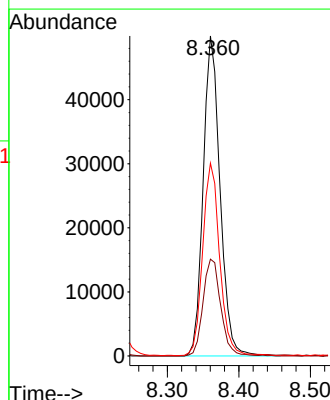
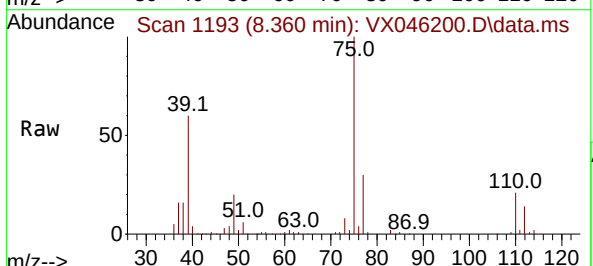
Tgt Ion: 75 Resp: 81846

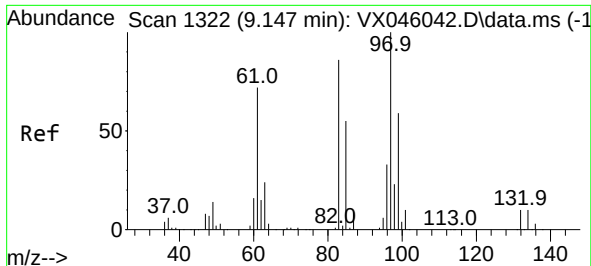
Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.0

39 60.1 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 53.511 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 51510

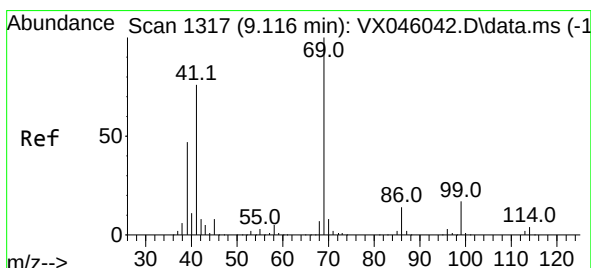
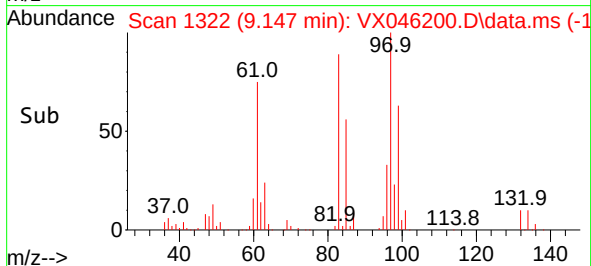
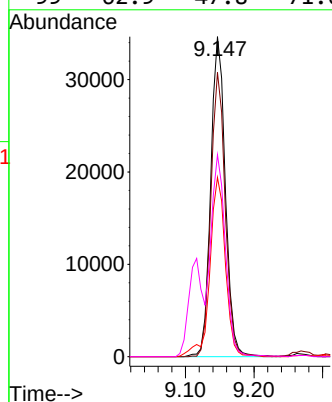
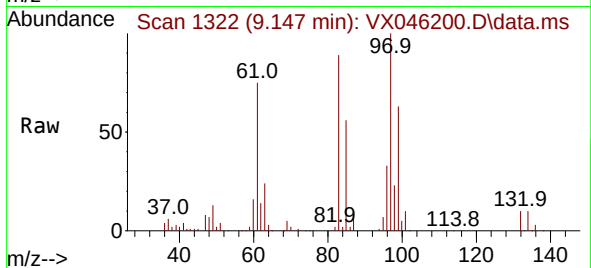
Ion Ratio Lower Upper

97 100

83 88.8 69.0 103.6

85 56.0 44.3 66.5

99 62.9 47.8 71.6



#56

Ethyl methacrylate

Concen: 56.258 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

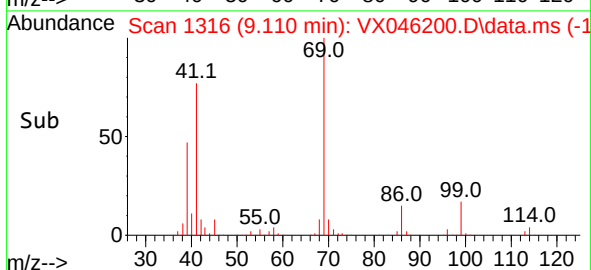
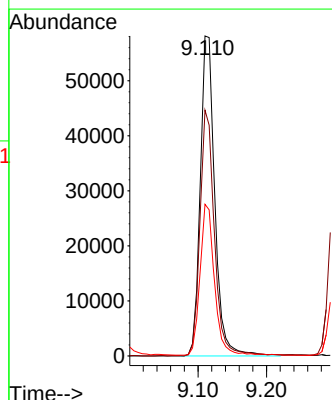
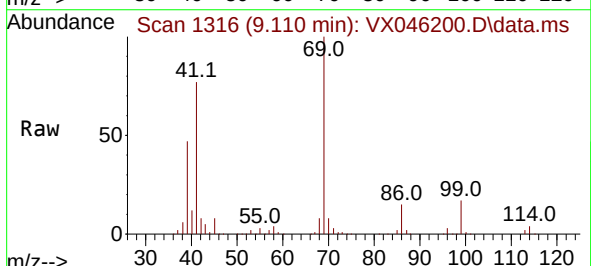
Tgt Ion: 69 Resp: 86310

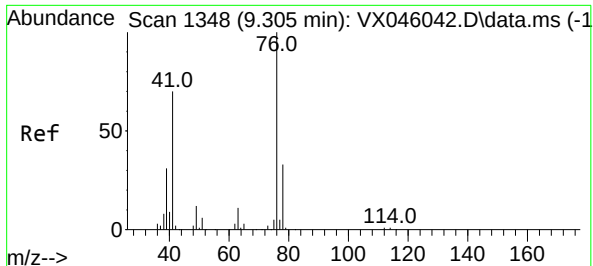
Ion Ratio Lower Upper

69 100

41 76.9 60.8 91.2

39 47.3 39.0 58.6





#57

1,3-Dichloropropane

Concen: 52.400 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

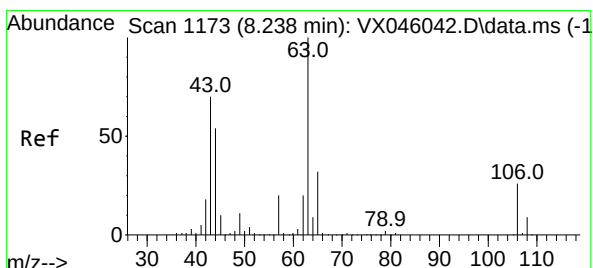
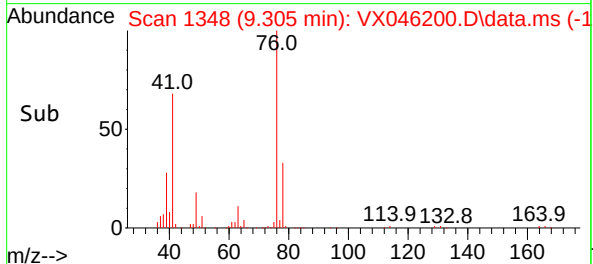
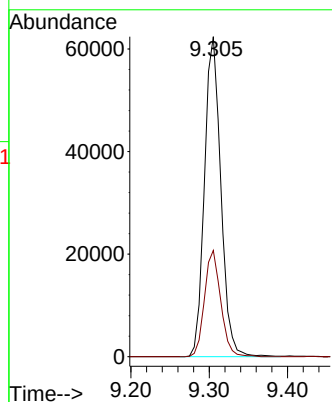
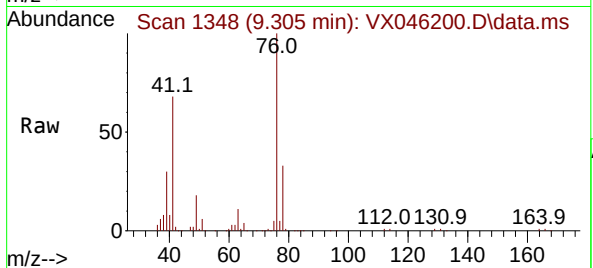
VSTDCCC050

Tgt Ion: 76 Resp: 90587

Ion Ratio Lower Upper

76 100

78 32.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 273.403 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046200.D

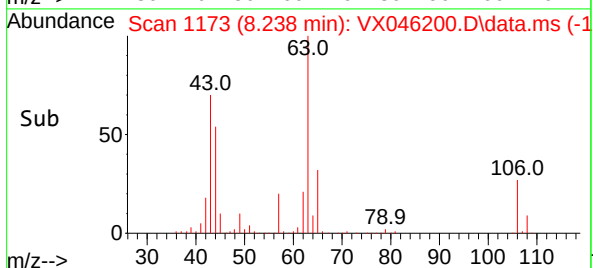
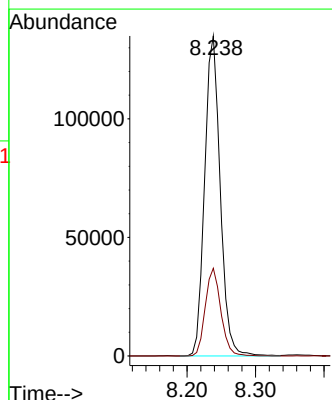
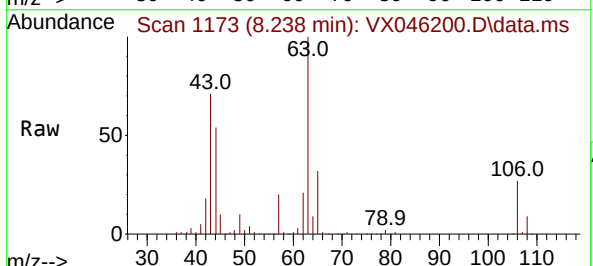
Acq: 15 May 2025 09:52

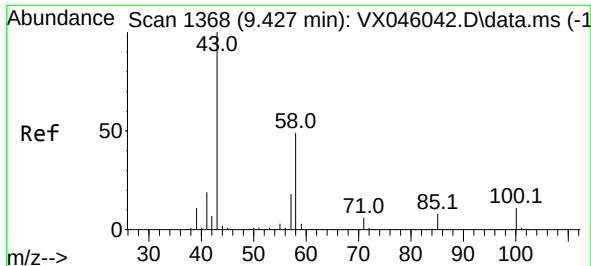
Tgt Ion: 63 Resp: 213841

Ion Ratio Lower Upper

63 100

106 27.3 21.5 32.3

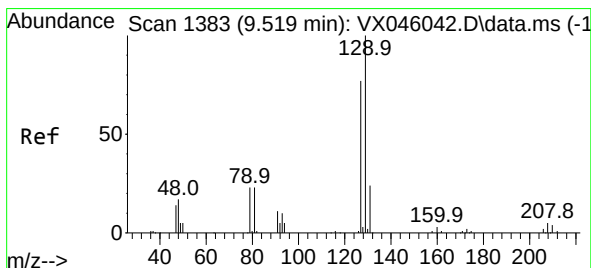
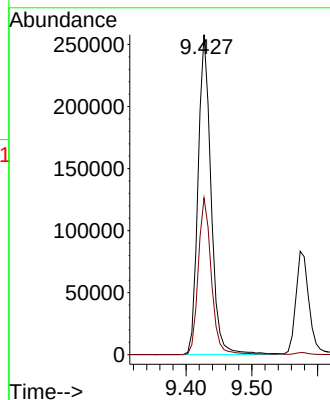
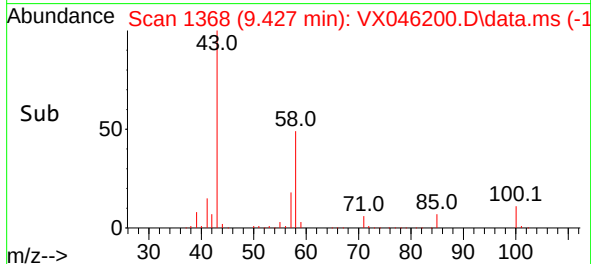
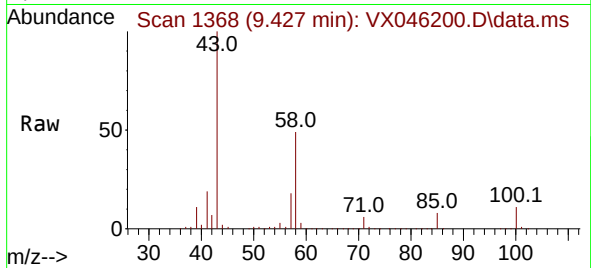




#59
2-Hexanone
Concen: 279.654 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

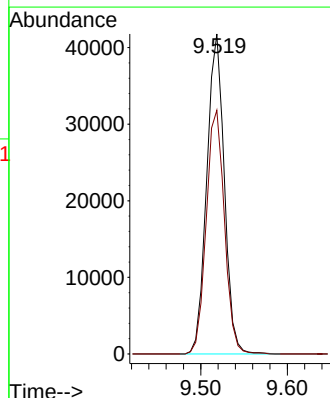
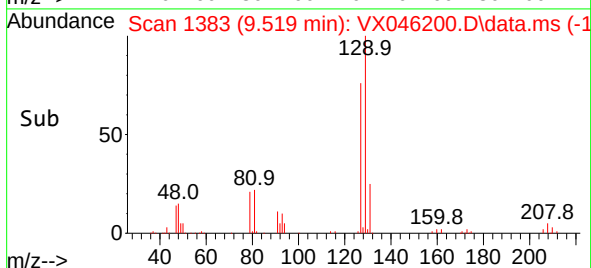
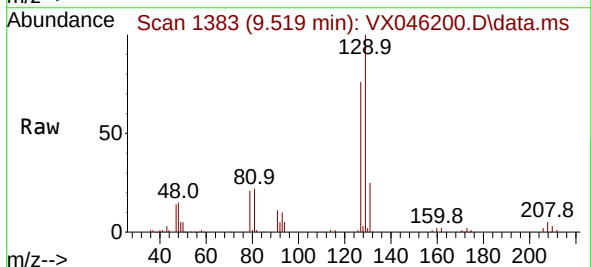
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

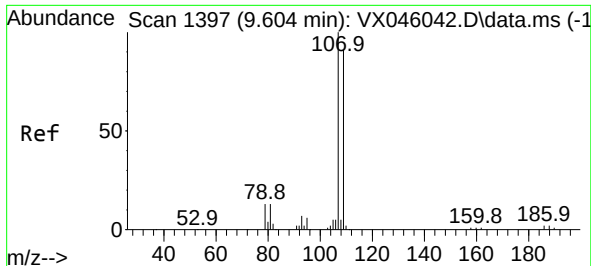
Tgt Ion: 43 Resp: 351840
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6



#60
Dibromochloromethane
Concen: 55.578 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 129 Resp: 58754
Ion Ratio Lower Upper
129 100
127 79.1 39.3 117.8

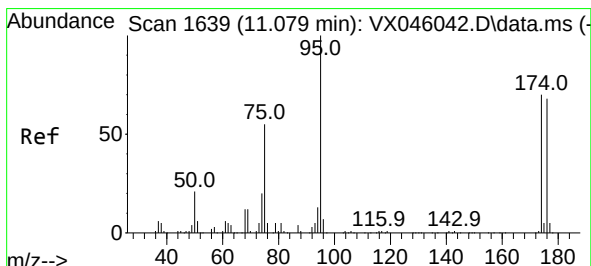
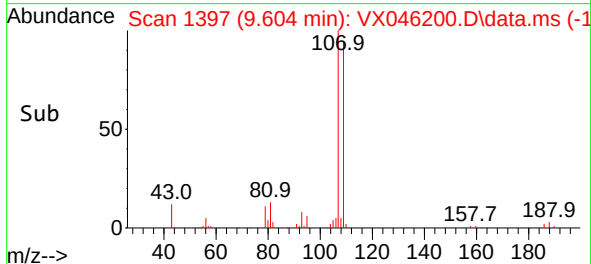
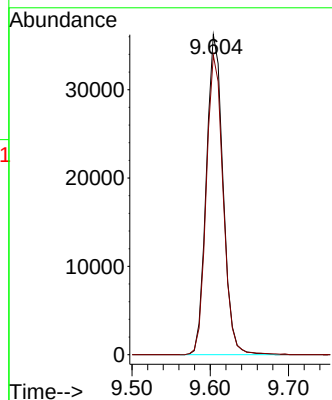
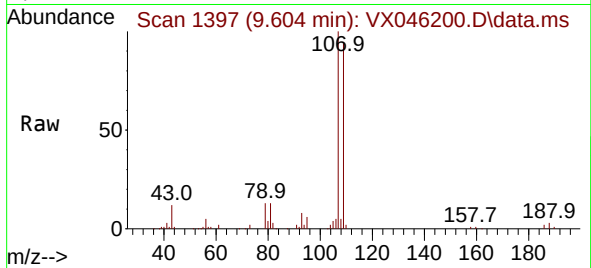




#61
1,2-Dibromoethane
Concen: 53.537 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

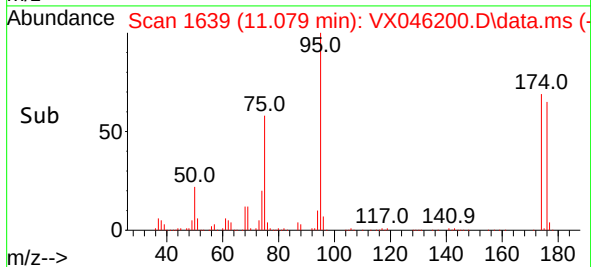
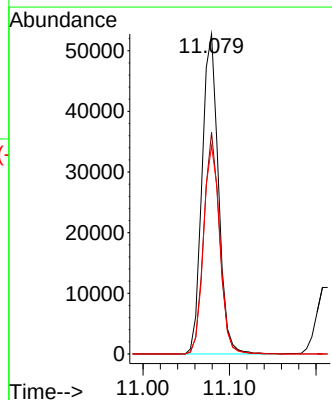
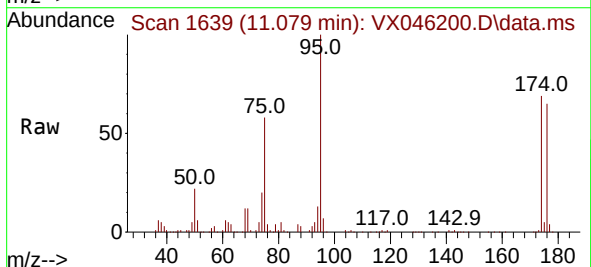
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

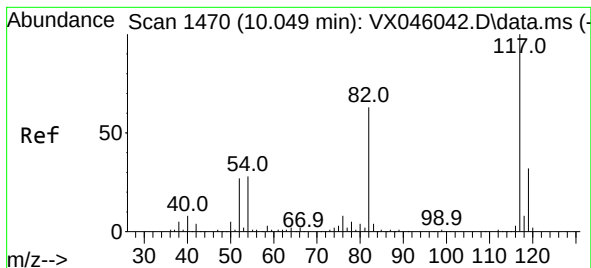
Tgt Ion:107 Resp: 53563
Ion Ratio Lower Upper
107 100
109 94.7 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 51.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 95 Resp: 69053
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 65.5 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

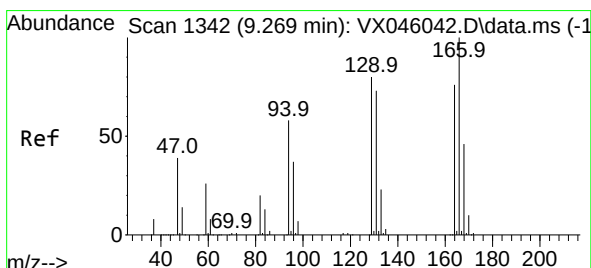
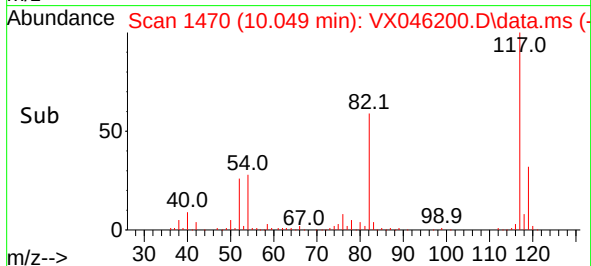
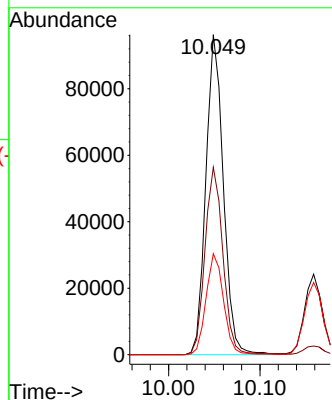
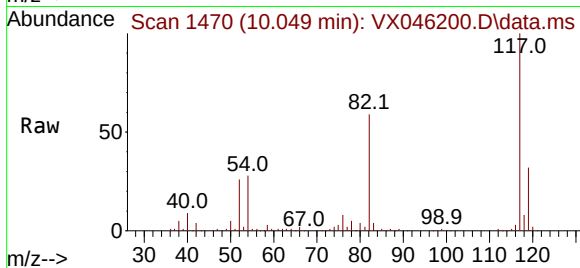
Tgt Ion:117 Resp: 127630

Ion Ratio Lower Upper

117 100

82 58.5 50.6 76.0

119 31.6 25.8 38.6



#64

Tetrachloroethene

Concen: 46.025 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Tgt Ion:164 Resp: 41562

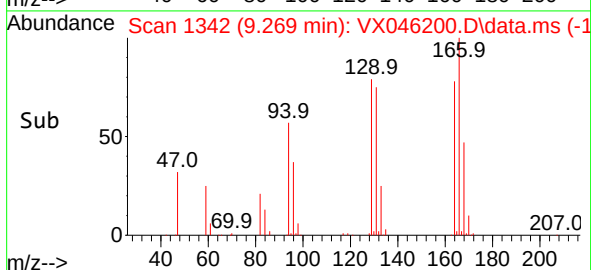
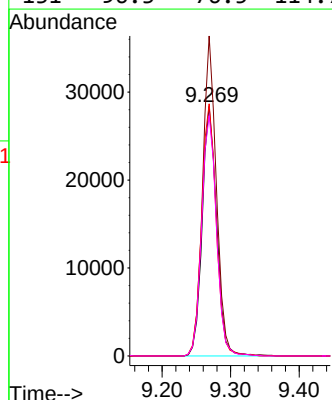
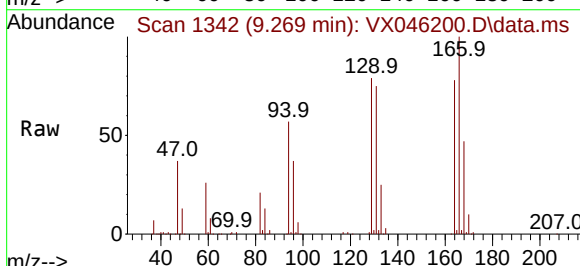
Ion Ratio Lower Upper

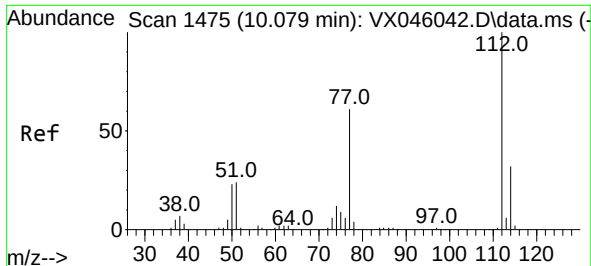
164 100

166 128.2 105.0 157.6

129 101.0 83.5 125.3

131 96.3 76.5 114.7

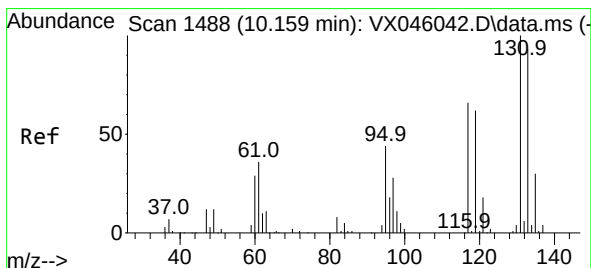
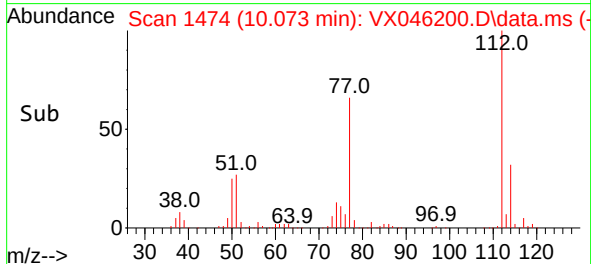
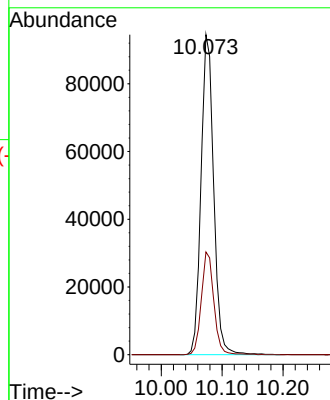
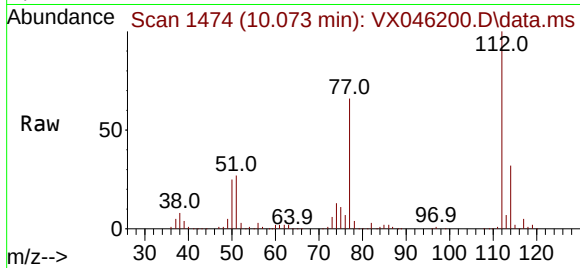




#65
Chlorobenzene
Concen: 48.673 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

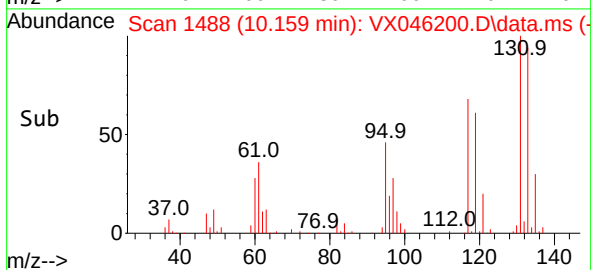
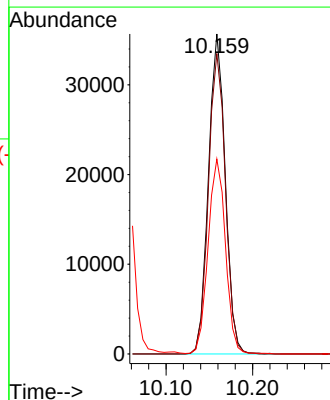
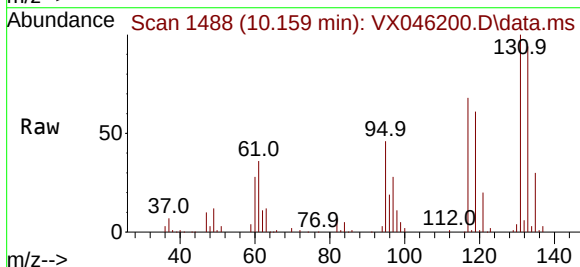
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

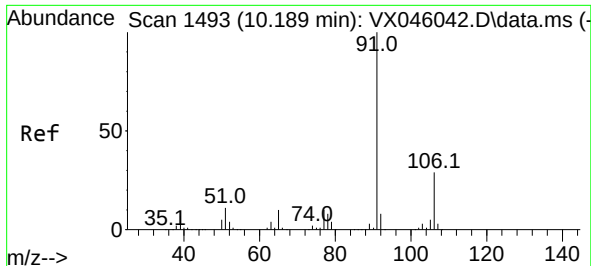
Tgt Ion:112 Resp: 135968
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.472 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion:131 Resp: 48145
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 63.1 31.6 95.0





#67

Ethyl Benzene

Concen: 48.501 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

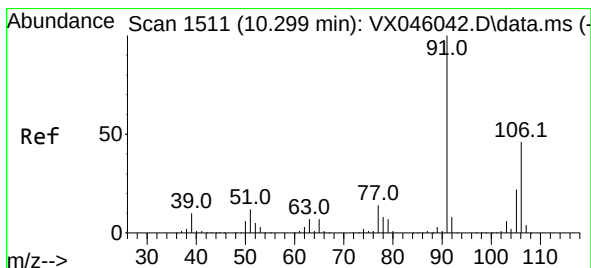
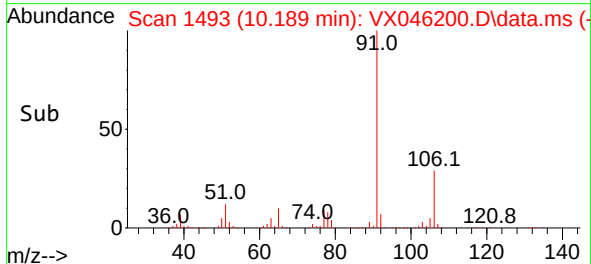
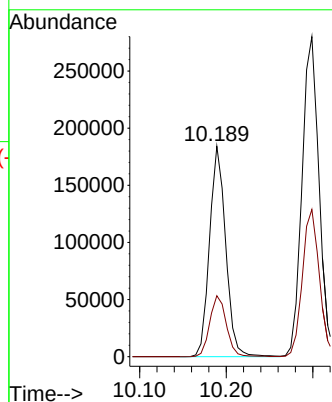
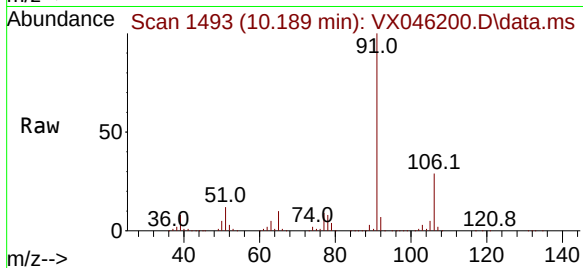
VSTDCCC050

Tgt Ion: 91 Resp: 238829

Ion Ratio Lower Upper

91 100

106 29.0 23.4 35.2



#68

m/p-Xylenes

Concen: 98.275 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046200.D

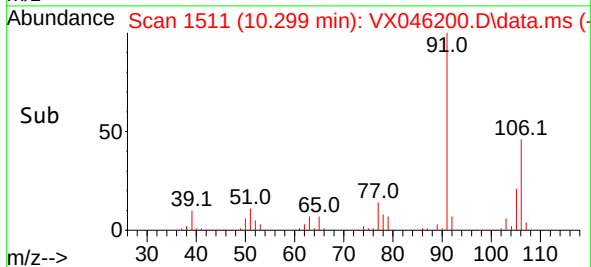
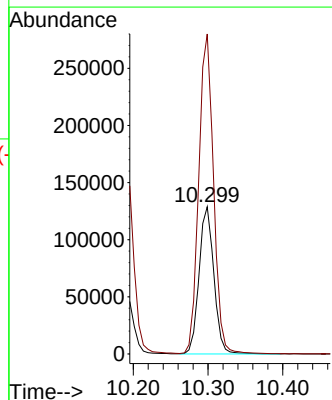
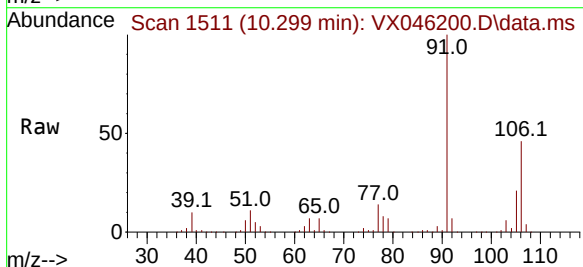
Acq: 15 May 2025 09:52

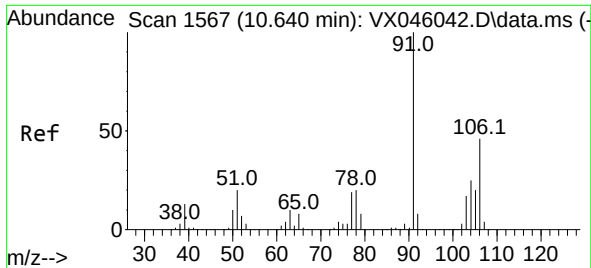
Tgt Ion:106 Resp: 176993

Ion Ratio Lower Upper

106 100

91 218.1 171.2 256.8

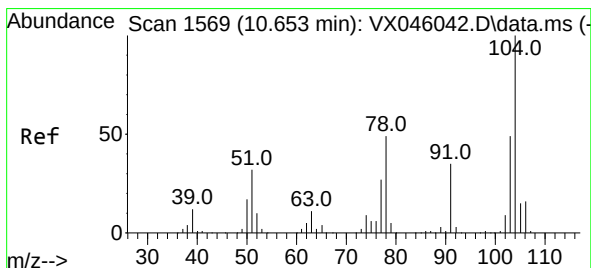
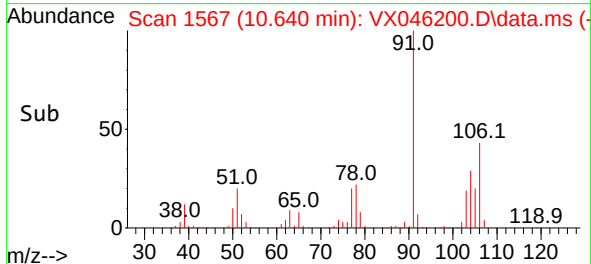
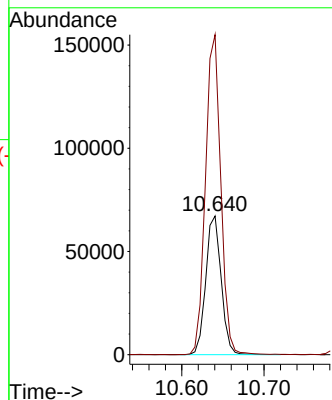
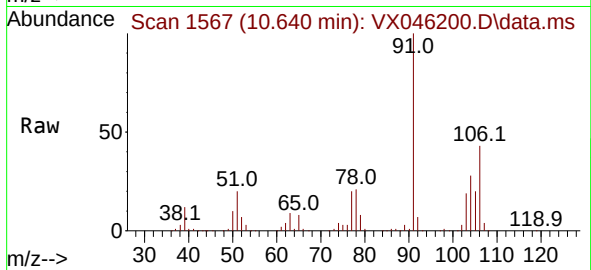




#69
o-Xylene
Concen: 49.886 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

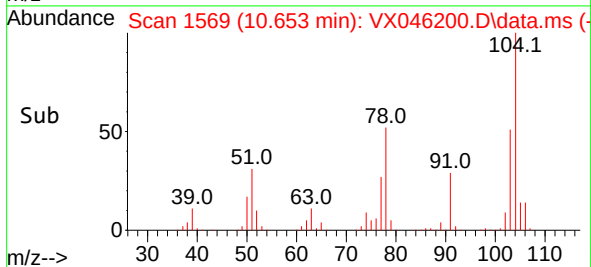
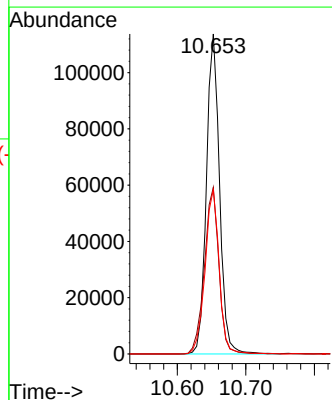
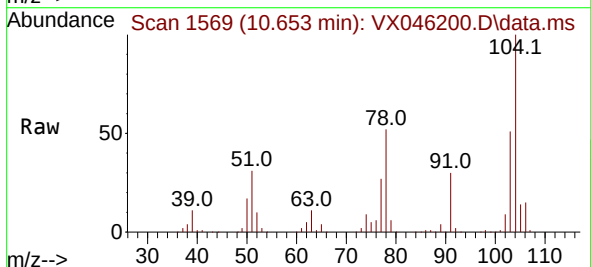
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

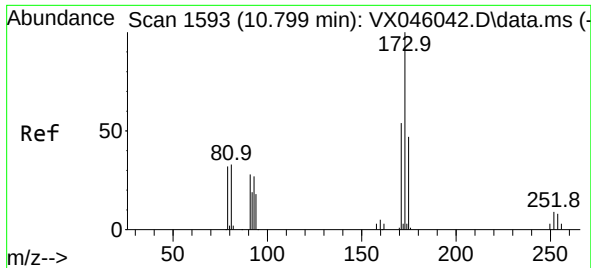
Tgt Ion:106 Resp: 87589
Ion Ratio Lower Upper
106 100
91 229.4 112.7 338.1



#70
Styrene
Concen: 52.738 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion:104 Resp: 151684
Ion Ratio Lower Upper
104 100
78 57.7 45.7 68.5
103 55.3 43.7 65.5

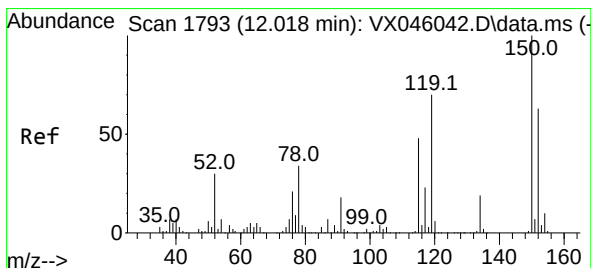
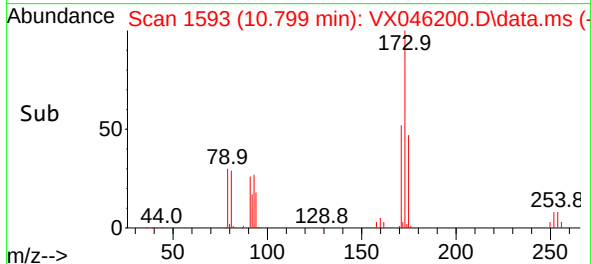
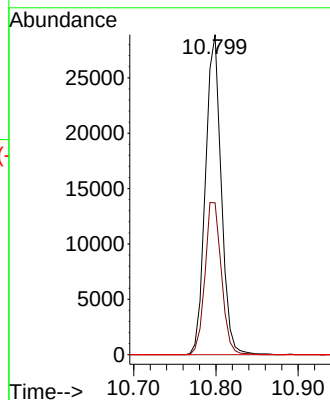
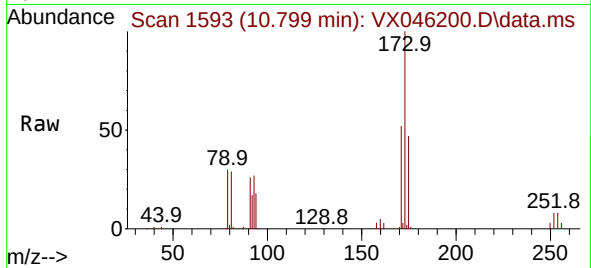




#71
Bromoform
Concen: 53.725 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

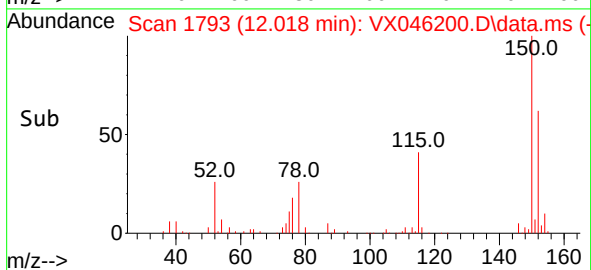
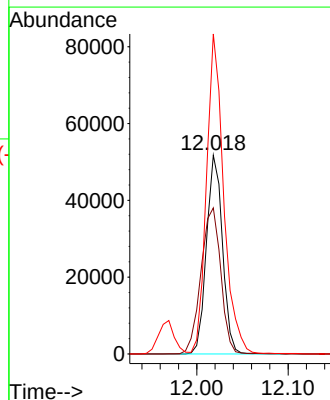
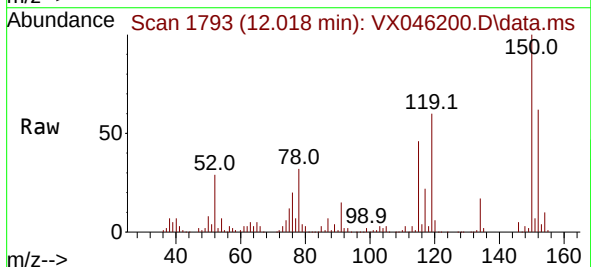
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

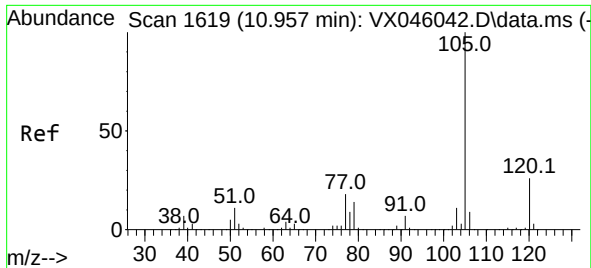
Tgt Ion:173 Resp: 38476
Ion Ratio Lower Upper
173 100
175 49.5 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion:152 Resp: 62876
Ion Ratio Lower Upper
152 100
115 91.3 46.9 140.7
150 172.9 0.0 351.0

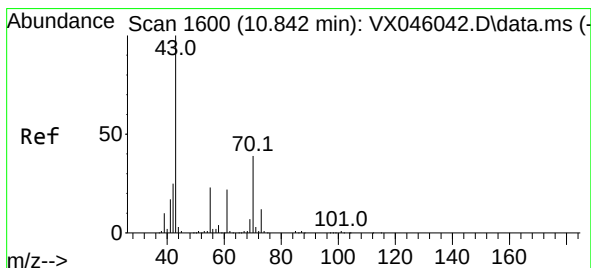
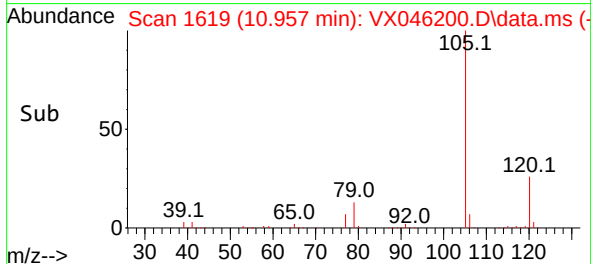
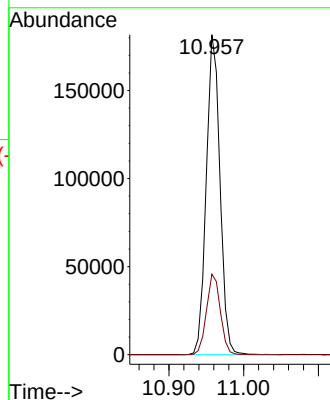
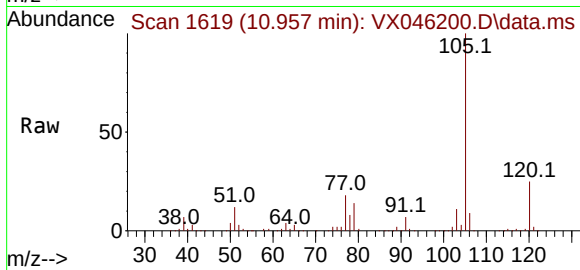




#73
Isopropylbenzene
Concen: 47.190 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

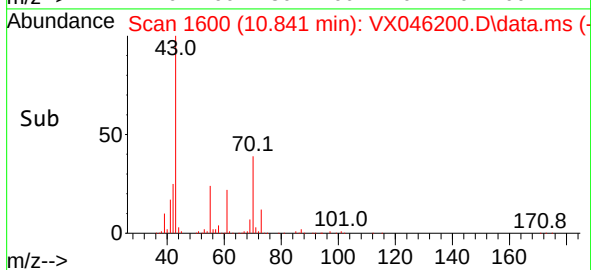
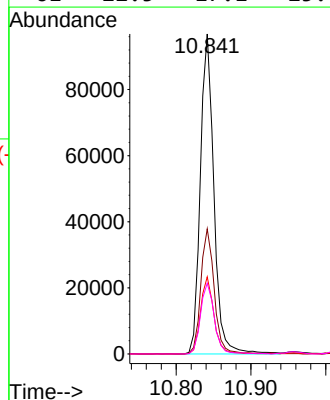
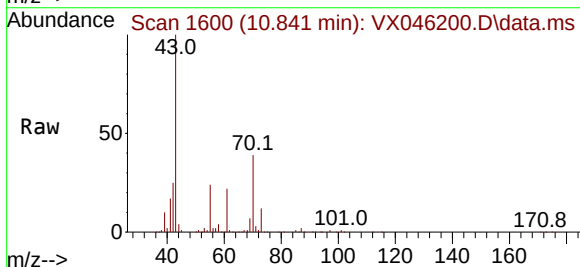
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

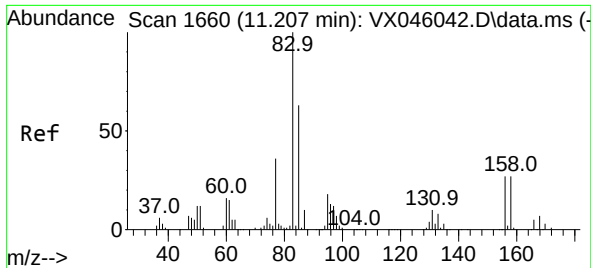
Tgt Ion:105 Resp: 230998
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4



#74
N-ethyl acetate
Concen: 50.481 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 43 Resp: 122108
Ion Ratio Lower Upper
43 100
70 38.8 30.9 46.3
55 23.7 18.7 28.1
61 22.5 17.1 25.7

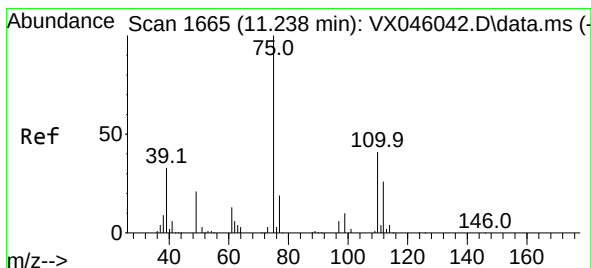
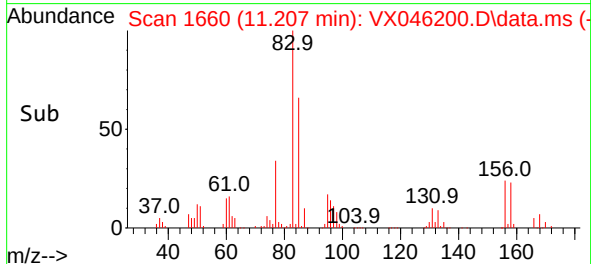
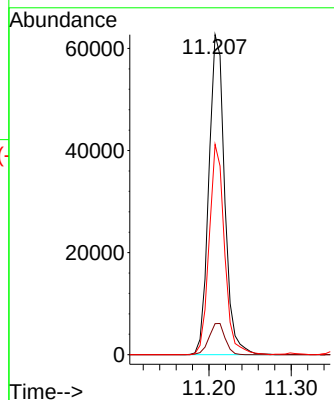
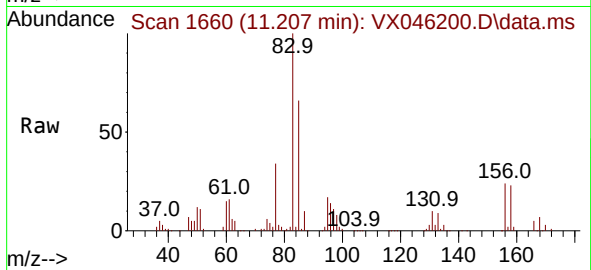




#75
1,1,2,2-Tetrachloroethane
Concen: 48.729 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

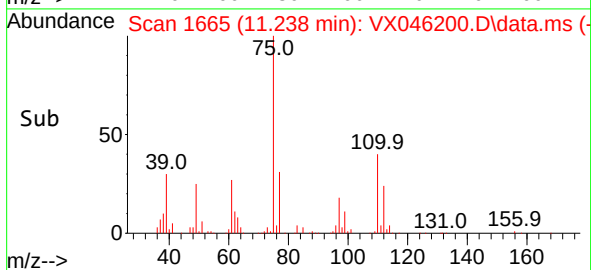
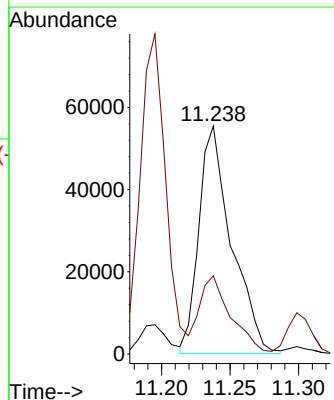
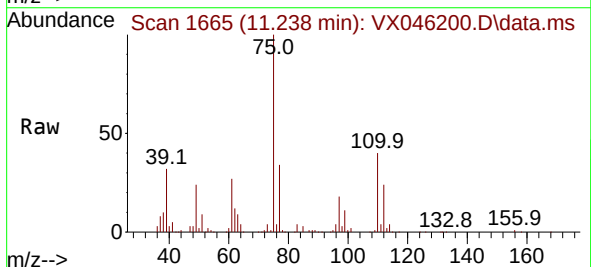
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

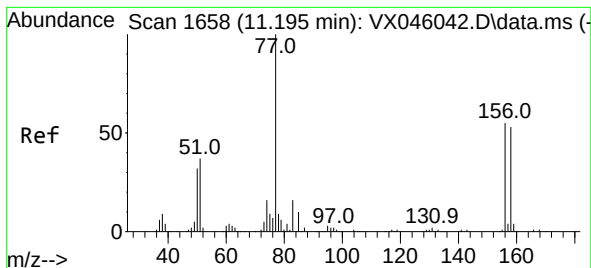
Tgt Ion: 83 Resp: 83590
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 60.905 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 75 Resp: 92177
Ion Ratio Lower Upper
75 100
77 32.9 20.5 61.5





#77

Bromobenzene

Concen: 48.804 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

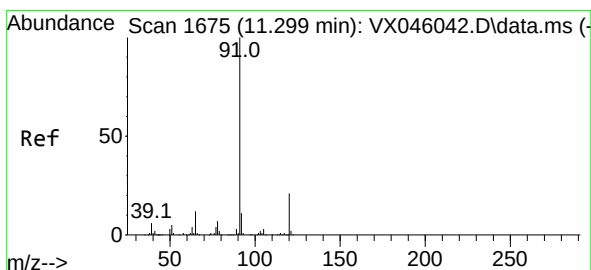
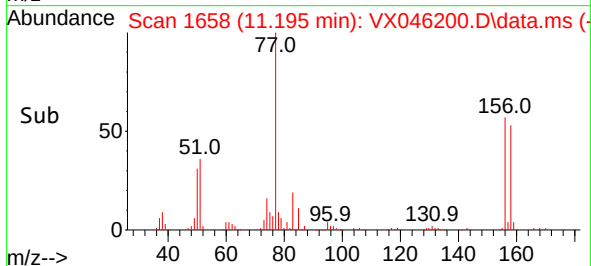
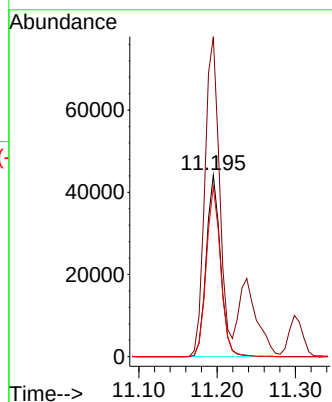
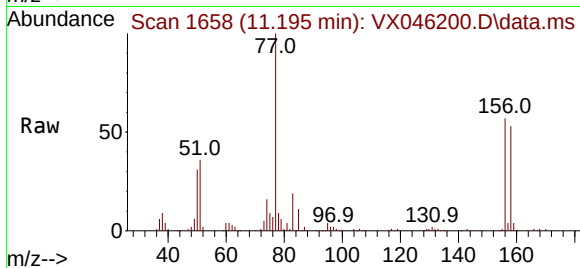
Tgt Ion:156 Resp: 55464

Ion Ratio Lower Upper

156 100

77 183.0 92.8 278.3

158 94.3 48.8 146.3



#78

n-propylbenzene

Concen: 47.411 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX046200.D

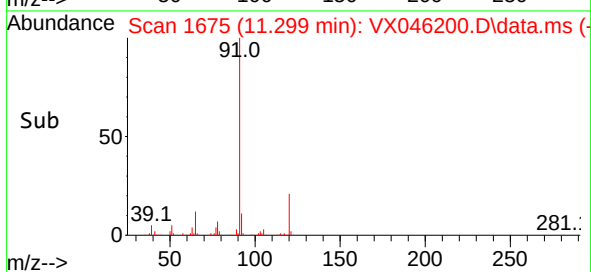
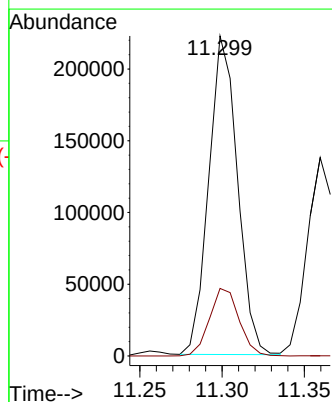
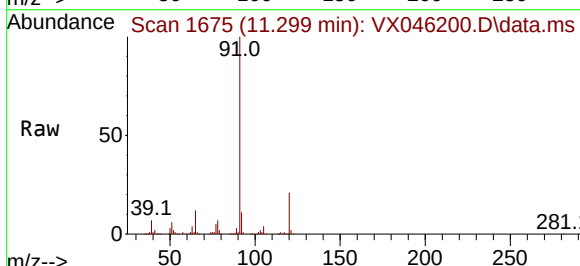
Acq: 15 May 2025 09:52

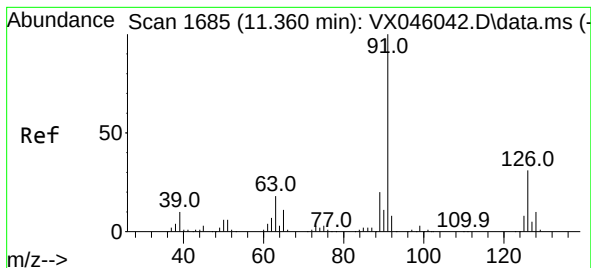
Tgt Ion: 91 Resp: 269850

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.4

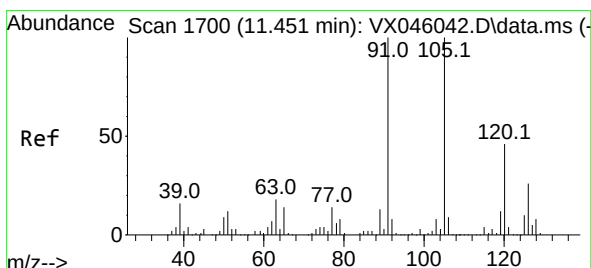
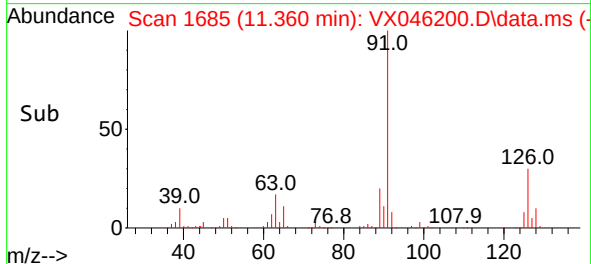
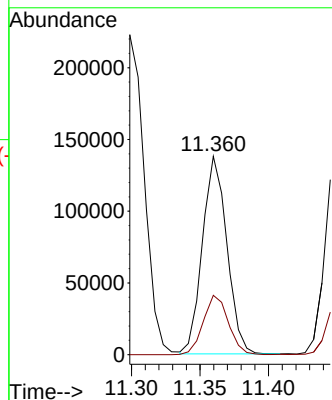
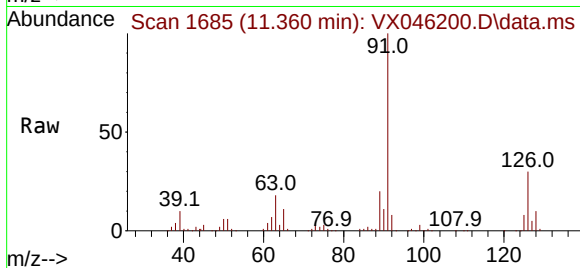




#79
2-Chlorotoluene
Concen: 46.619 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

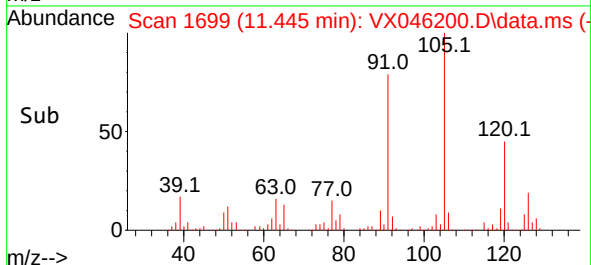
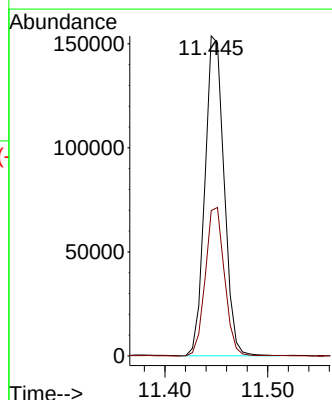
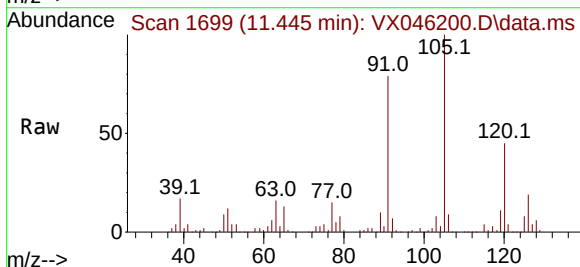
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

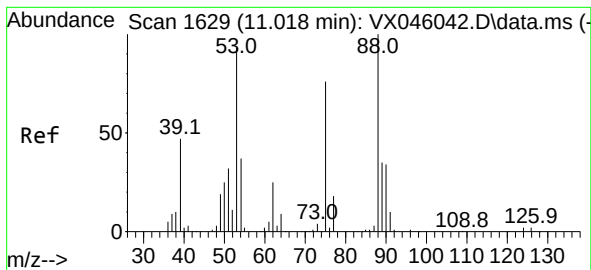
Tgt Ion: 91 Resp: 171147
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 48.706 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 105 Resp: 199182
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.2

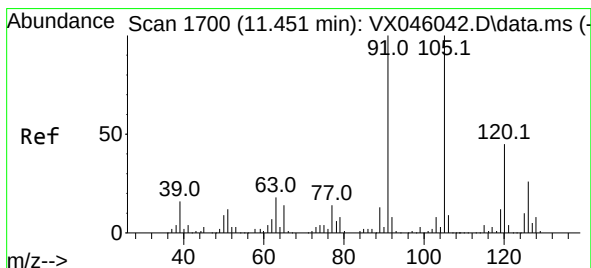
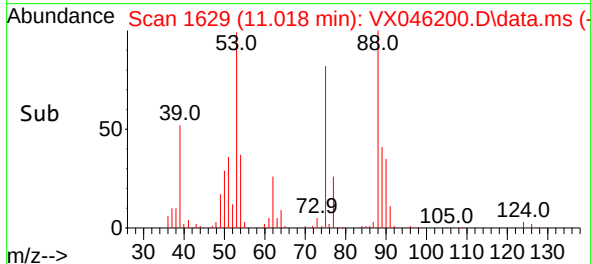
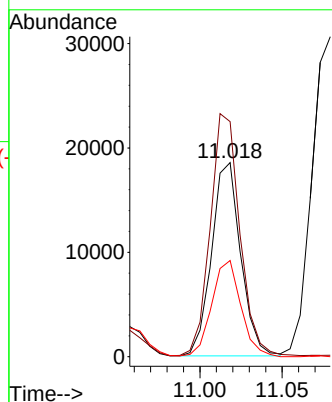
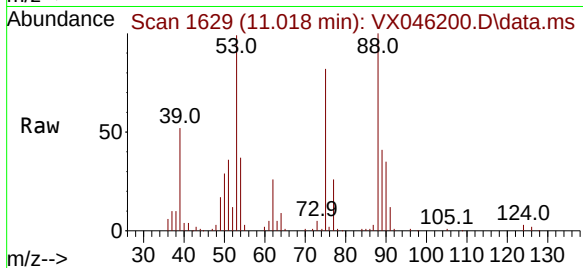




#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.180 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. -0.000 min
 Lab File: VX046200.D
 Acq: 15 May 2025 09:52

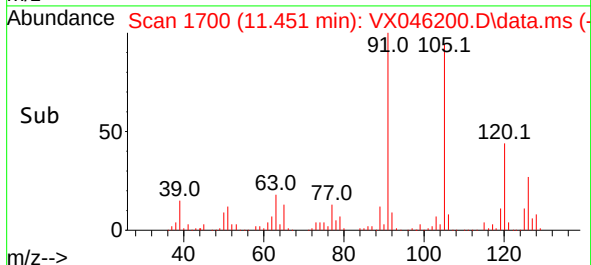
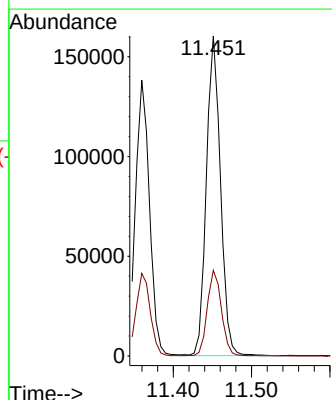
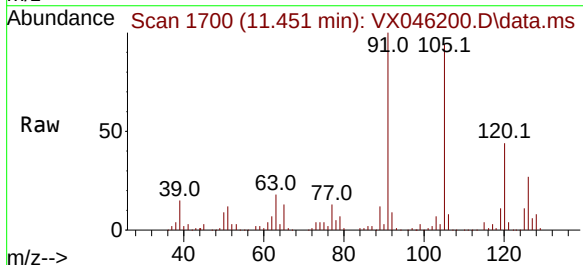
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

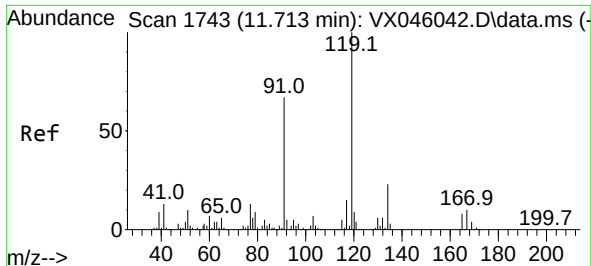
Tgt Ion: 75 Resp: 22862
 Ion Ratio Lower Upper
 75 100
 53 126.5 100.5 150.7
 89 49.6 37.0 55.6



#82
 4-Chlorotoluene
 Concen: 49.106 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX046200.D
 Acq: 15 May 2025 09:52

Tgt Ion: 91 Resp: 199920
 Ion Ratio Lower Upper
 91 100
 126 26.9 13.3 39.8

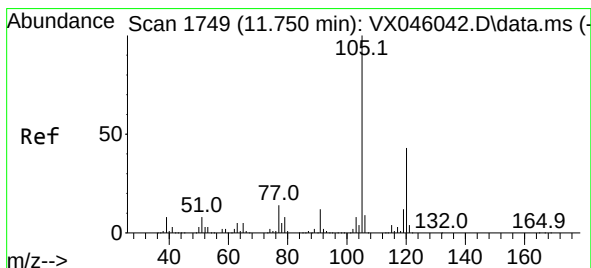
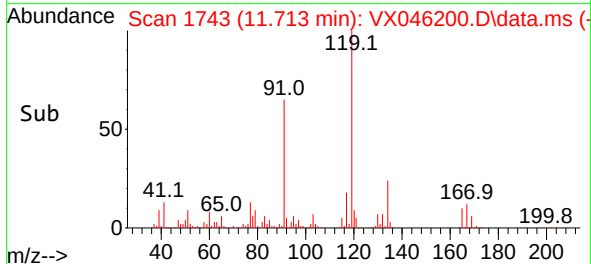
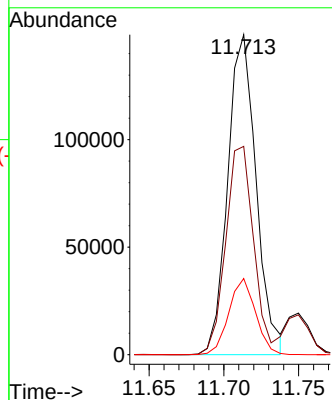
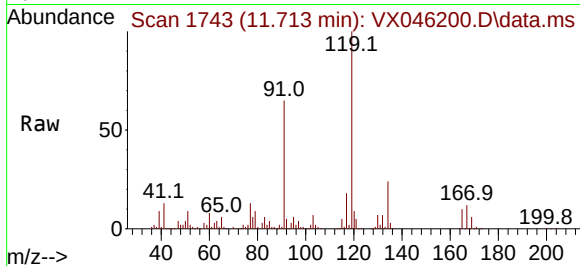




#83
tert-Butylbenzene
Concen: 47.815 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

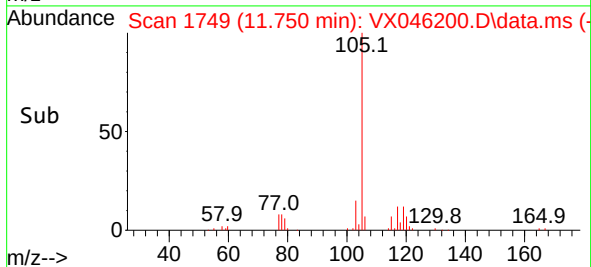
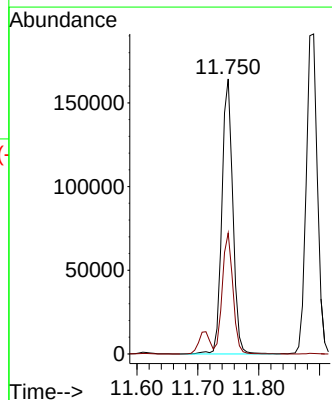
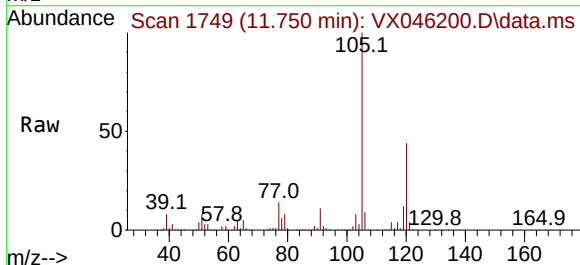
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

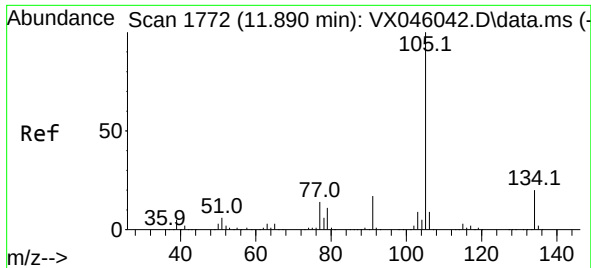
Tgt Ion:	119	Resp:	196965
Ion	Ratio	Lower	Upper
119	100		
91	63.5	32.9	98.7
134	22.4	11.4	34.1



#84
1,2,4-Trimethylbenzene
Concen: 49.424 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion:	105	Resp:	204684
Ion	Ratio	Lower	Upper
105	100		
120	42.8	21.2	63.6

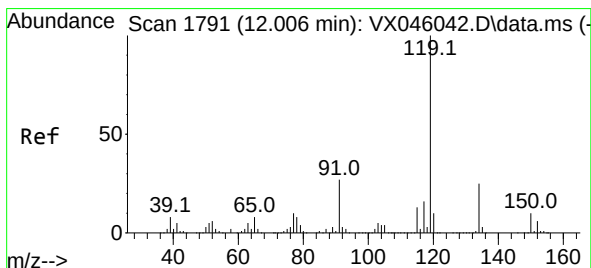
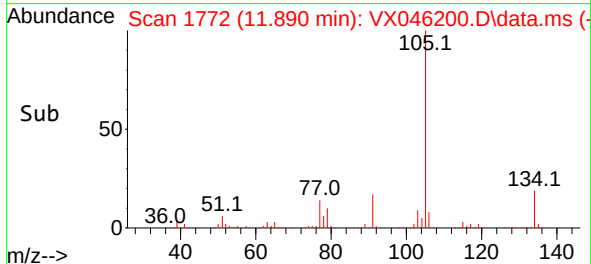
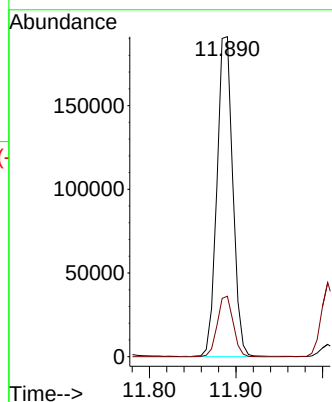
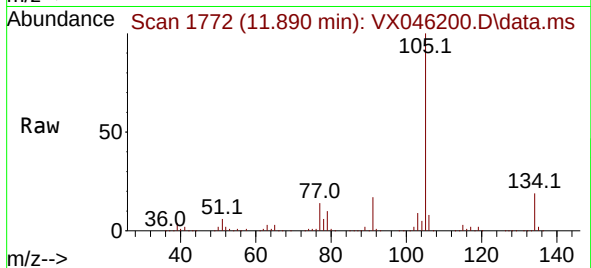




#85
 sec-Butylbenzene
 Concen: 48.084 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046200.D
 Acq: 15 May 2025 09:52

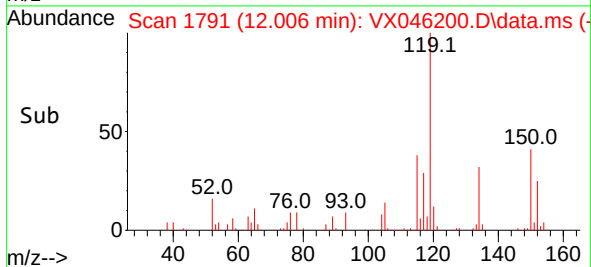
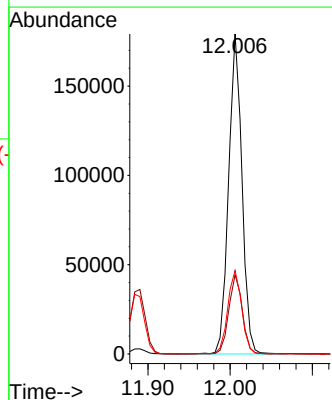
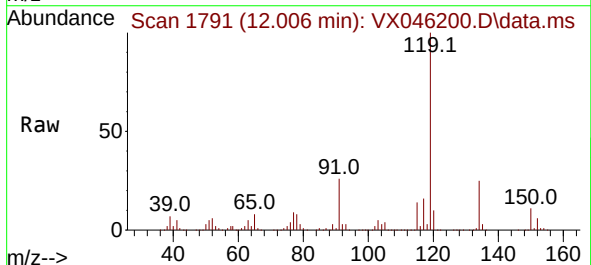
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

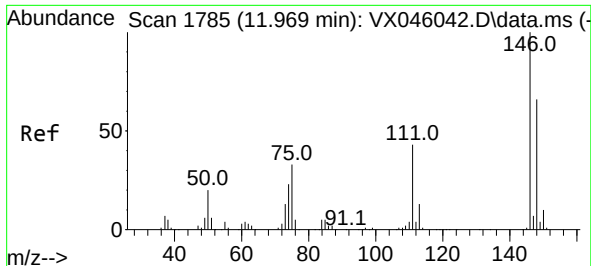
Tgt Ion:105 Resp: 243197
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 48.515 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046200.D
 Acq: 15 May 2025 09:52

Tgt Ion:119 Resp: 202544
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 27.2 13.8 41.4

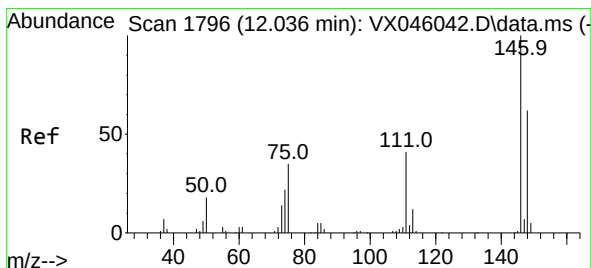
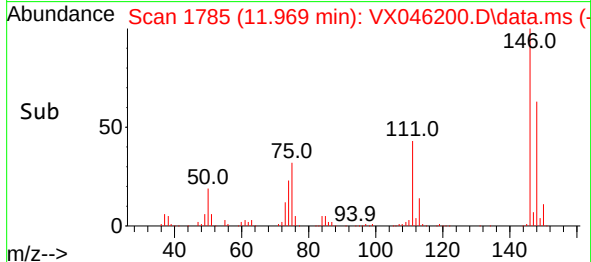
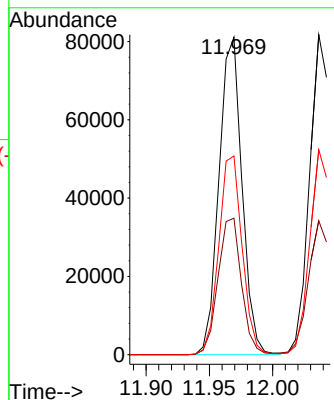
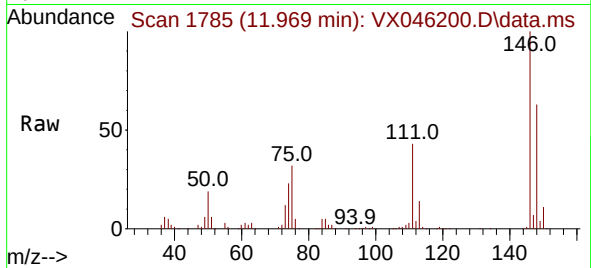




#87
1,3-Dichlorobenzene
Concen: 49.424 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

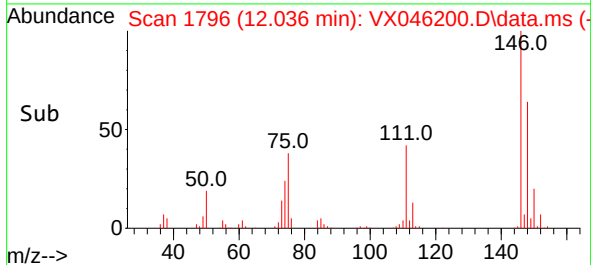
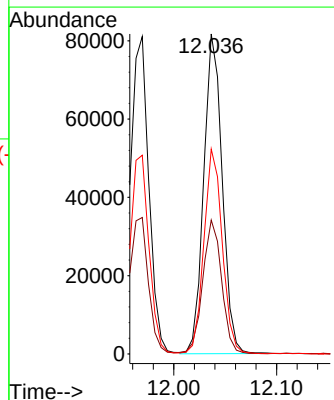
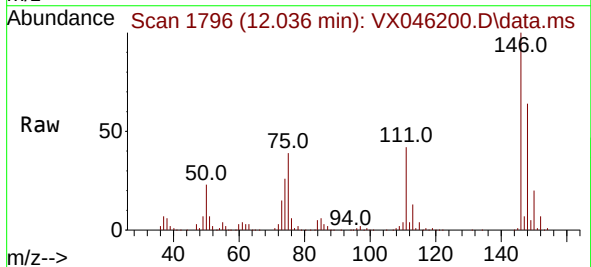
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

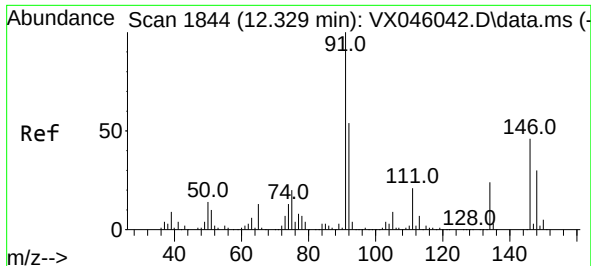
Tgt Ion:146 Resp: 102510
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.3
148 63.6 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 48.327 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion:146 Resp: 102366
Ion Ratio Lower Upper
146 100
111 42.8 21.3 63.9
148 63.6 31.9 95.5





#89

n-Butylbenzene

Concen: 49.306 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

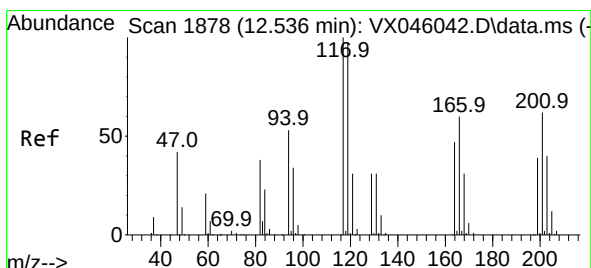
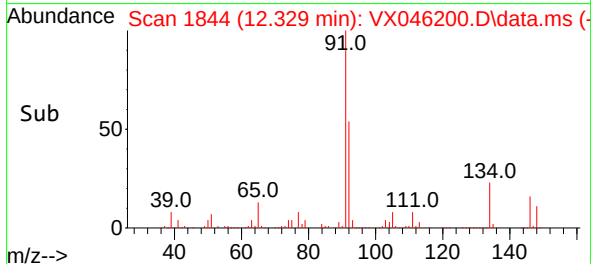
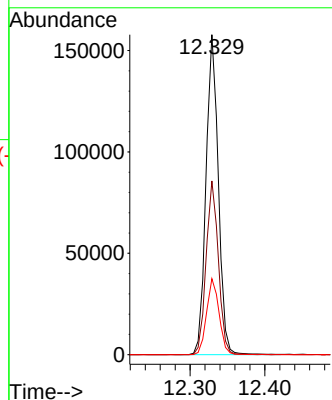
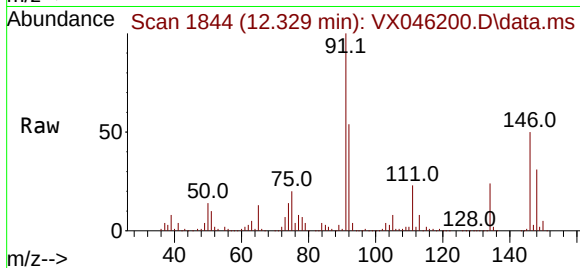
Tgt Ion: 91 Resp: 180561

Ion Ratio Lower Upper

91 100

92 54.2 26.9 80.7

134 24.0 11.8 35.3



#90

Hexachloroethane

Concen: 48.648 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046200.D

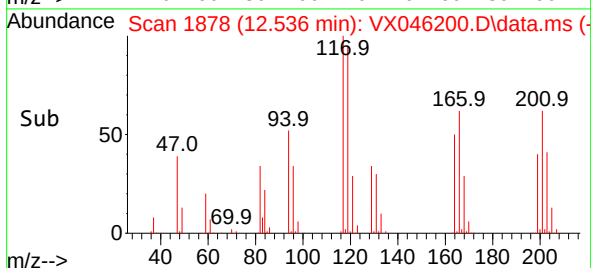
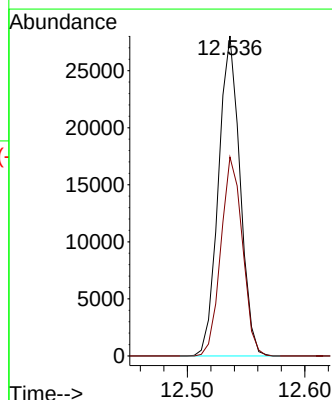
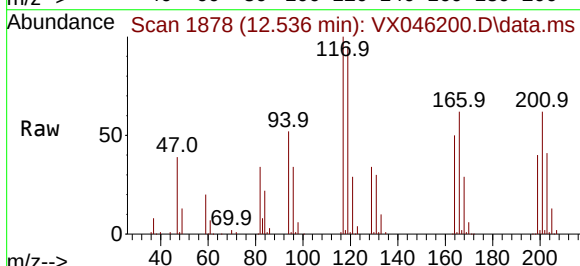
Acq: 15 May 2025 09:52

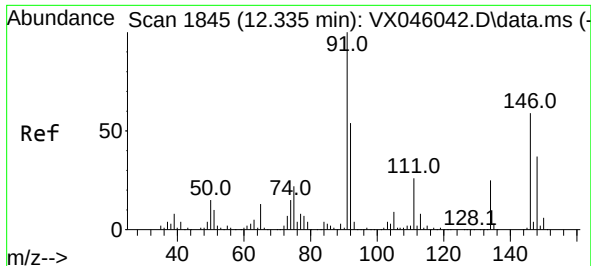
Tgt Ion: 117 Resp: 35781

Ion Ratio Lower Upper

117 100

201 62.2 31.6 94.7

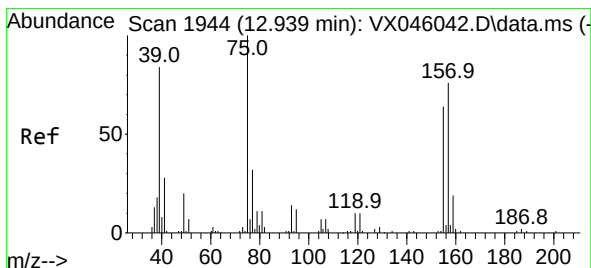
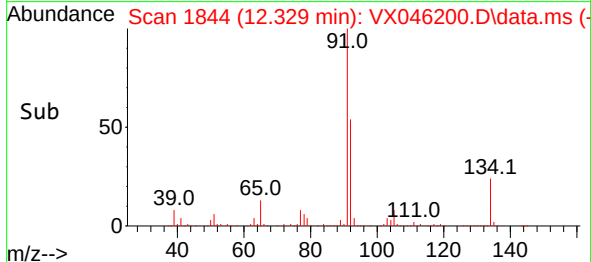
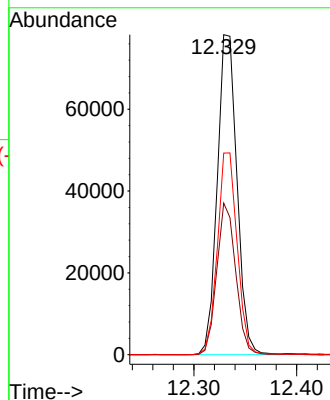
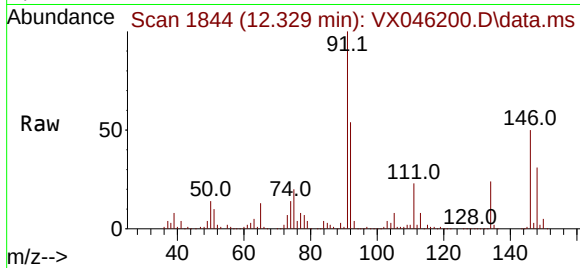




#91
1,2-Dichlorobenzene
Concen: 50.026 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

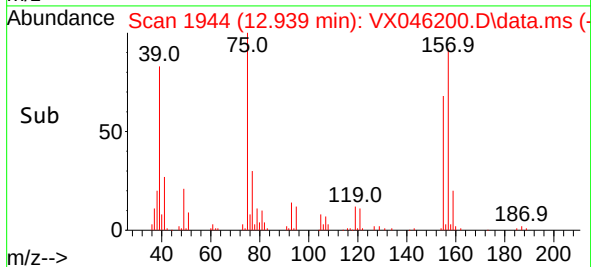
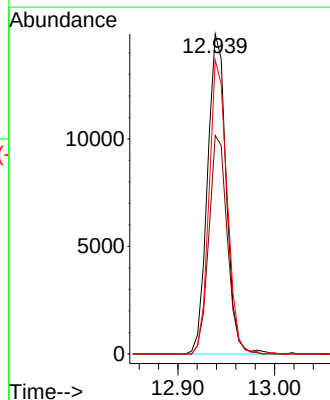
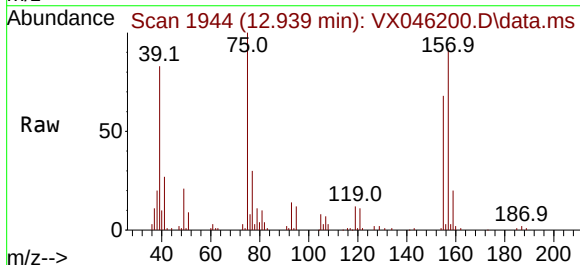
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

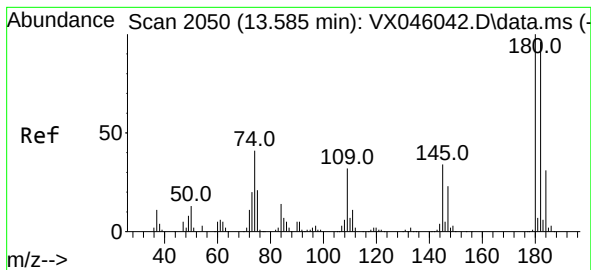
Tgt Ion:146 Resp: 104120
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.3
148 63.3 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.658 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046200.D
Acq: 15 May 2025 09:52

Tgt Ion: 75 Resp: 20011
Ion Ratio Lower Upper
75 100
155 67.3 34.9 104.8
157 88.4 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 50.990 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

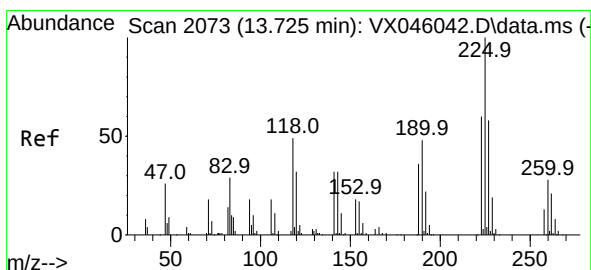
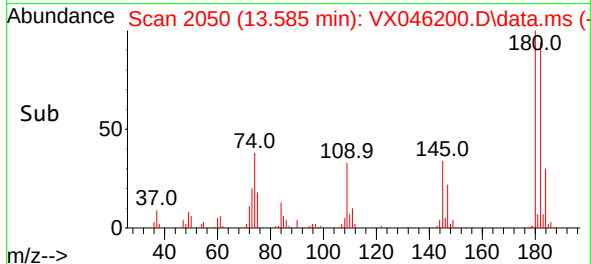
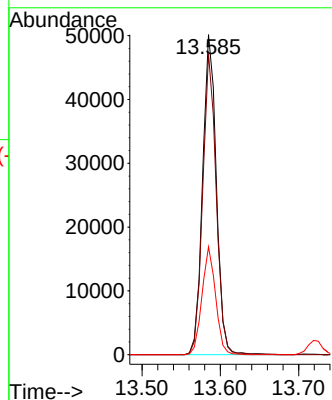
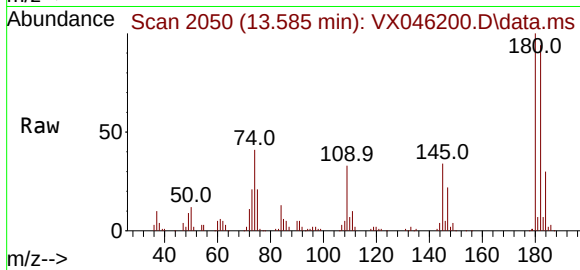
Tgt Ion:180 Resp: 60954

Ion Ratio Lower Upper

180 100

182 92.3 47.9 143.8

145 33.4 17.1 51.2



#94

Hexachlorobutadiene

Concen: 46.676 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

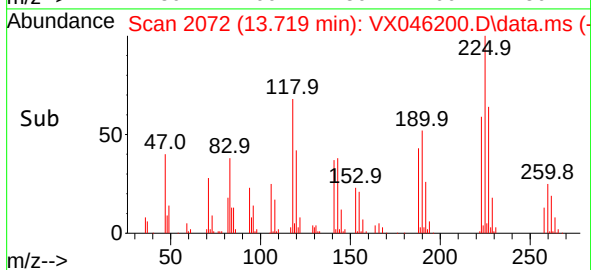
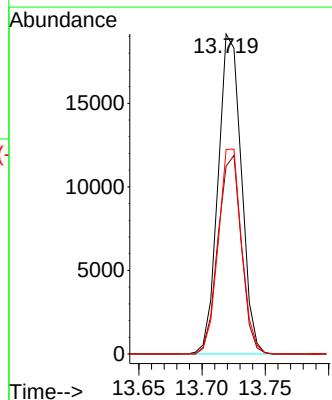
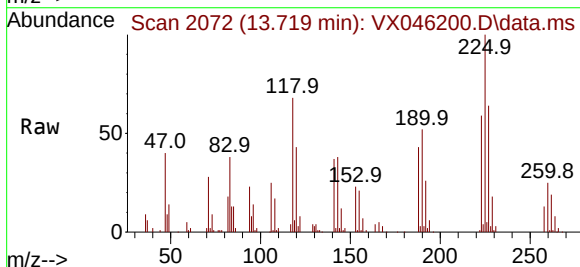
Tgt Ion:225 Resp: 24369

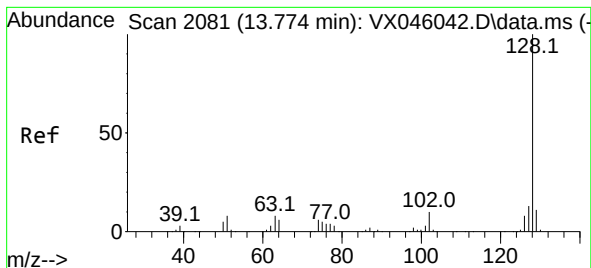
Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.4

227 64.2 30.9 92.7





#95

Naphthalene

Concen: 50.155 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

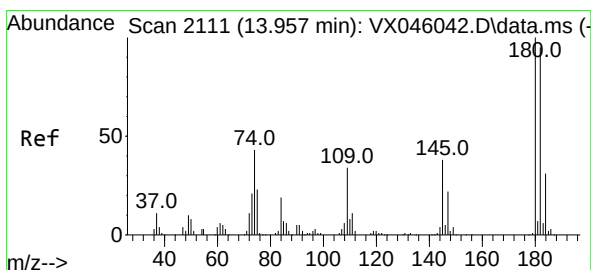
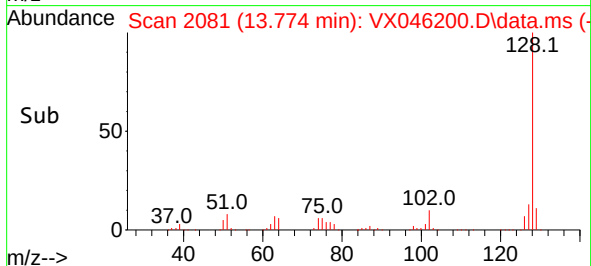
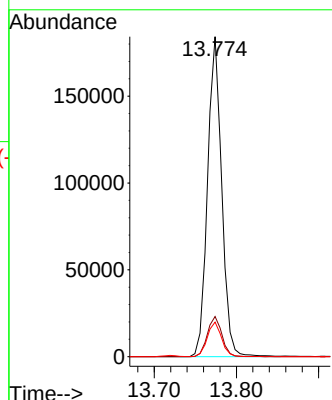
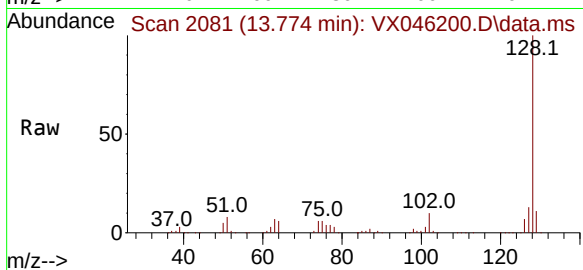
Tgt Ion:128 Resp: 219899

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.494 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046200.D

Acq: 15 May 2025 09:52

Tgt Ion:180 Resp: 63516

Ion Ratio Lower Upper

180 100

182 91.9 47.8 143.3

145 35.2 18.1 54.3

