

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045942.D
 Acq On : 25 Apr 2025 15:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 23:02:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	87741	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	149428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78848	49.140	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.280%
35) Dibromofluoromethane	5.373	113	55131	52.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.000%
50) Toluene-d8	8.641	98	182880	49.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	72616	53.873	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.740%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	64462	49.126	ug/l	100
3) Chloromethane	1.307	50	64191	47.618	ug/l	97
4) Vinyl Chloride	1.374	62	59758	48.439	ug/l	99
5) Bromomethane	1.593	94	28006	47.878	ug/l	100
6) Chloroethane	1.672	64	33804	51.646	ug/l	99
7) Trichlorofluoromethane	1.880	101	97740	53.130	ug/l	98
8) Diethyl Ether	2.130	74	31884	51.624	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	59715	55.395	ug/l	97
10) Methyl Iodide	2.441	142	71631	53.274	ug/l	98
11) Tert butyl alcohol	2.965	59	56178	260.518	ug/l	100
12) 1,1-Dichloroethene	2.313	96	53227	50.532	ug/l	97
13) Acrolein	2.233	56	72620	244.552	ug/l	99
14) Allyl chloride	2.654	41	108909	54.493	ug/l	100
15) Acrylonitrile	3.056	53	178057	261.581	ug/l	99
16) Acetone	2.380	43	166263	252.344	ug/l	99
17) Carbon Disulfide	2.502	76	121033	46.523	ug/l	98
18) Methyl Acetate	2.697	43	92049	60.679	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	198275	53.810	ug/l	98
20) Methylene Chloride	2.782	84	62980	51.058	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	54961	51.074	ug/l	98
22) Diisopropyl ether	3.751	45	214380	54.454	ug/l #	87
23) Vinyl Acetate	3.715	43	928124	272.862	ug/l	100
24) 1,1-Dichloroethane	3.599	63	116265	52.220	ug/l	99
25) 2-Butanone	4.544	43	254715	264.101	ug/l	99
26) 2,2-Dichloropropane	4.465	77	90299	62.773	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	67709	51.645	ug/l	97
28) Bromochloromethane	4.885	49	51596	47.955	ug/l	97
29) Tetrahydrofuran	4.995	42	161093	257.629	ug/l	99
30) Chloroform	5.080	83	120755	52.709	ug/l	99
31) Cyclohexane	5.458	56	100997	51.312	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	104165	53.734	ug/l	99
36) 1,1-Dichloropropene	5.678	75	78078	54.544	ug/l	99
37) Ethyl Acetate	4.709	43	96951	53.744	ug/l	100
38) Carbon Tetrachloride	5.666	117	90733	58.648	ug/l	100
39) Methylcyclohexane	7.373	83	100702	57.390	ug/l	99
40) Benzene	6.025	78	233315	53.367	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	56528	59.390	ug/l	98
42) 1,2-Dichloroethane	6.074	62	99449	55.075	ug/l	100
43) Isopropyl Acetate	6.330	43	152416	55.746	ug/l	100
44) Trichloroethene	7.117	130	56237	54.120	ug/l	99
45) 1,2-Dichloropropane	7.421	63	59916	54.928	ug/l	98
46) Dibromomethane	7.574	93	46231	55.210	ug/l	98
47) Bromodichloromethane	7.812	83	93918	56.162	ug/l	97
48) Methyl methacrylate	7.690	41	80556	57.064	ug/l	99
49) 1,4-Dioxane	7.653	88	26787	1048.783	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	508296	280.439	ug/l	99
52) Toluene	8.714	92	142178	53.745	ug/l	100
53) t-1,3-Dichloropropene	8.970	75	84610	52.494	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	92730	59.009	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	56835	53.915	ug/l	95
56) Ethyl methacrylate	9.110	69	93636	57.395	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101413	55.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	214738	260.194	ug/l	99
59) 2-Hexanone	9.427	43	374574	279.073	ug/l	100
60) Dibromochloromethane	9.519	129	66102	57.518	ug/l	98
61) 1,2-Dibromoethane	9.604	107	59059	55.344	ug/l	100
64) Tetrachloroethene	9.269	164	50168	55.056	ug/l	95
65) Chlorobenzene	10.073	112	153293	55.584	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	53618	55.999	ug/l	99
67) Ethyl Benzene	10.189	91	280532	56.795	ug/l	100
68) m/p-Xylenes	10.299	106	205033	114.130	ug/l	99
69) o-Xylene	10.634	106	100603	56.847	ug/l	100
70) Styrene	10.653	104	170033	58.213	ug/l	99
71) Bromoform	10.793	173	42672	59.688	ug/l #	99
73) Isopropylbenzene	10.957	105	272308	54.266	ug/l	99
74) N-amyl acetate	10.842	43	134490	56.029	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	90073	51.098	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	98623	64.540	ug/l	87
77) Bromobenzene	11.195	156	60083	51.821	ug/l	99
78) n-propylbenzene	11.299	91	321029	55.542	ug/l	99
79) 2-Chlorotoluene	11.360	91	194546	52.650	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	227997	54.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24830	55.147	ug/l	99
82) 4-Chlorotoluene	11.451	91	226319	54.934	ug/l	100
83) tert-Butylbenzene	11.713	119	225779	54.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	229861	55.192	ug/l	99
85) sec-Butylbenzene	11.890	105	286672	56.815	ug/l	100
86) p-Isopropyltoluene	12.006	119	238943	57.440	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	112366	53.241	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	114588	53.555	ug/l	99
89) n-Butylbenzene	12.329	91	219904	60.961	ug/l	99
90) Hexachloroethane	12.536	117	41765	58.420	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	111915	53.336	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20720	56.204	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	66715	57.120	ug/l	99
94) Hexachlorobutadiene	13.725	225	28931	57.483	ug/l	98
95) Naphthalene	13.774	128	235941	54.283	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67064	54.835	ug/l	99

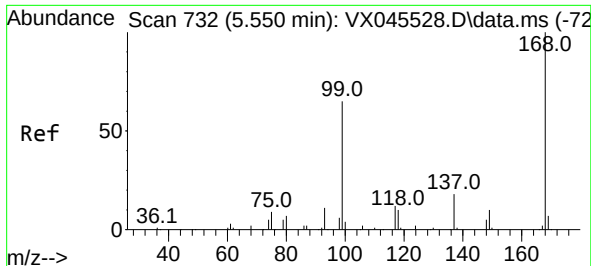
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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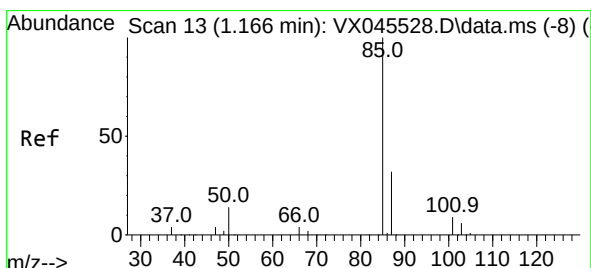
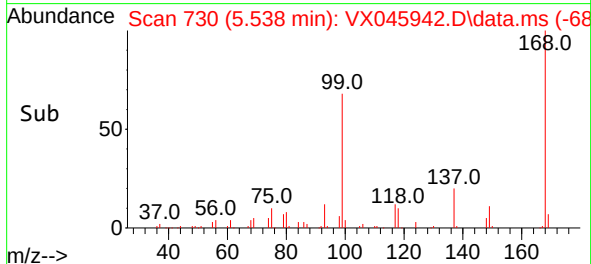
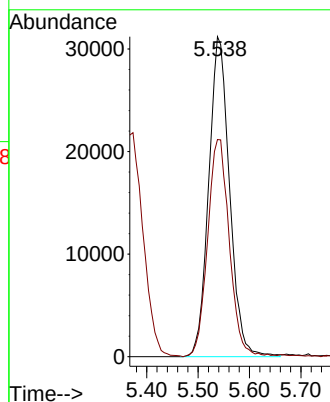
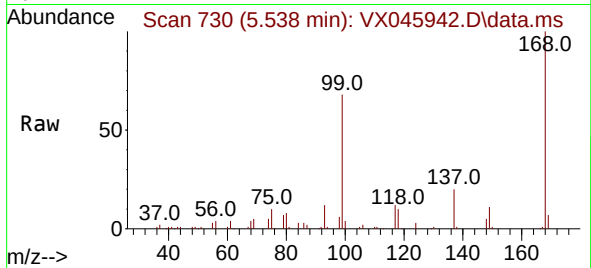
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
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Acq: 25 Apr 2025 15:38

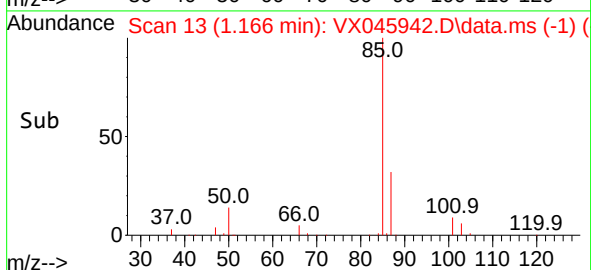
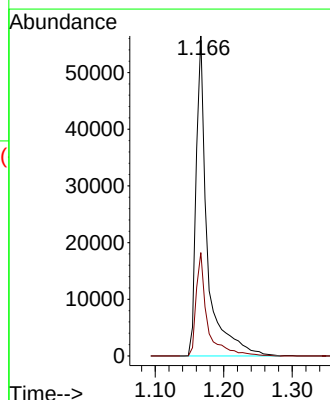
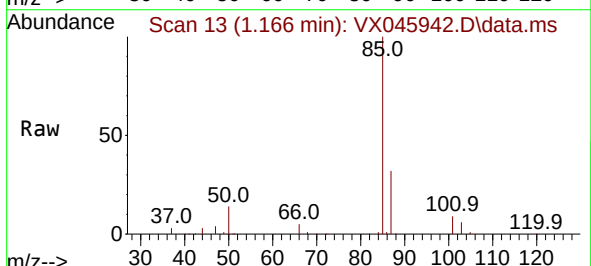
Instrument :
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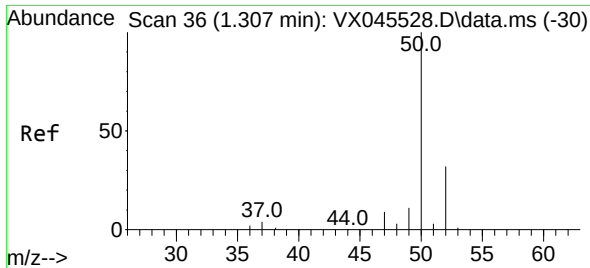
Tgt Ion:168 Resp: 87741
Ion Ratio Lower Upper
168 100
99 67.6 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 49.126 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 85 Resp: 64462
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2

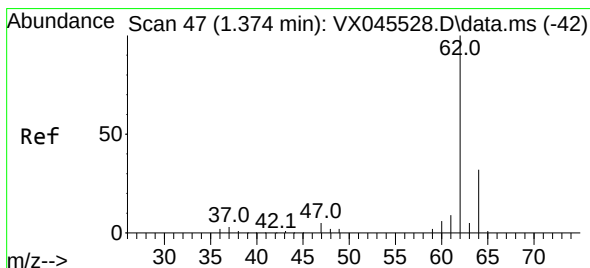
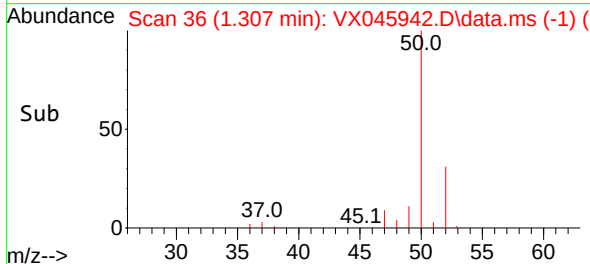
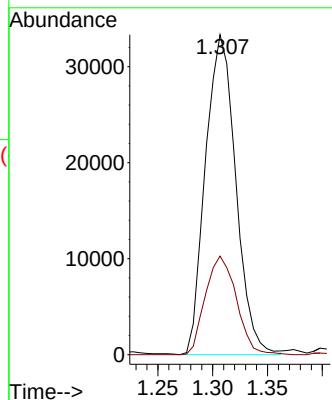
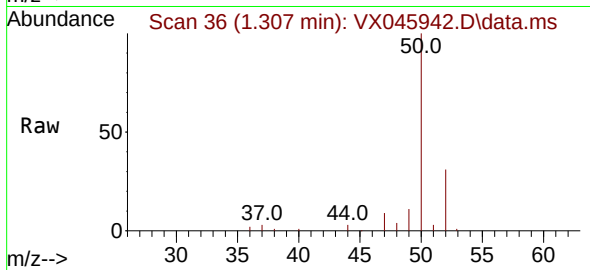




#3
Chloromethane
Concen: 47.618 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

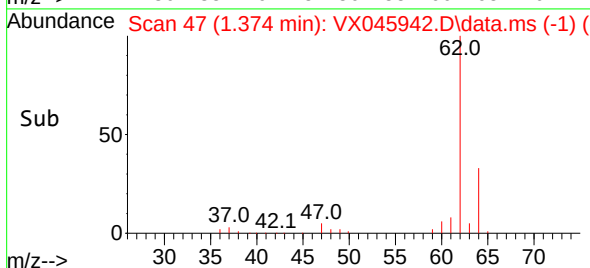
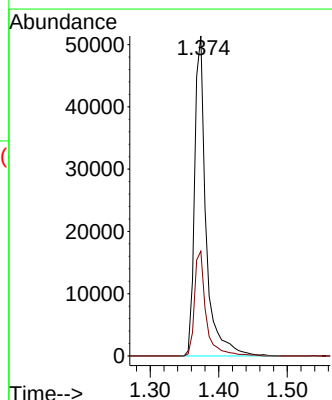
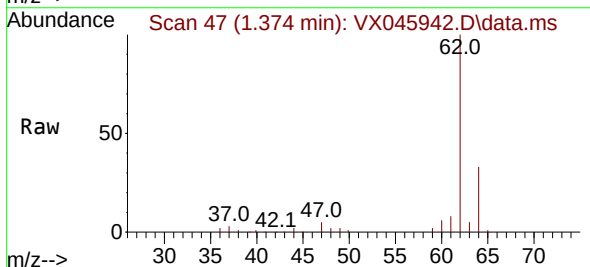
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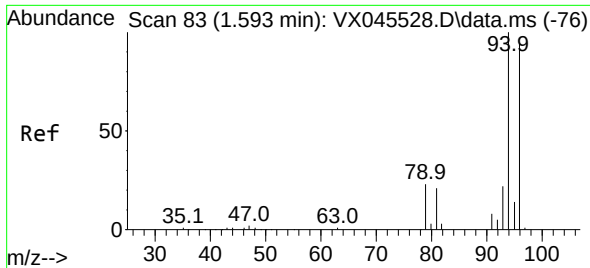
Tgt Ion: 50 Resp: 64191
Ion Ratio Lower Upper
50 100
52 30.8 25.9 38.9



#4
Vinyl Chloride
Concen: 48.439 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 62 Resp: 59758
Ion Ratio Lower Upper
62 100
64 32.7 25.5 38.3

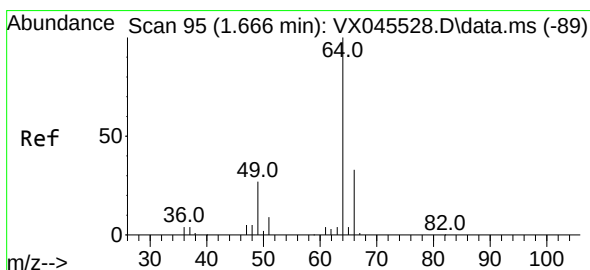
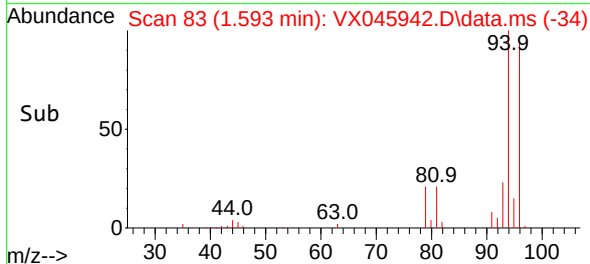
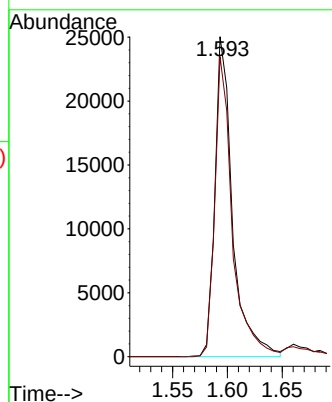
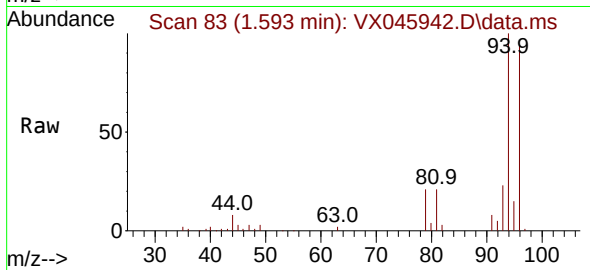




#5
Bromomethane
Concen: 47.878 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

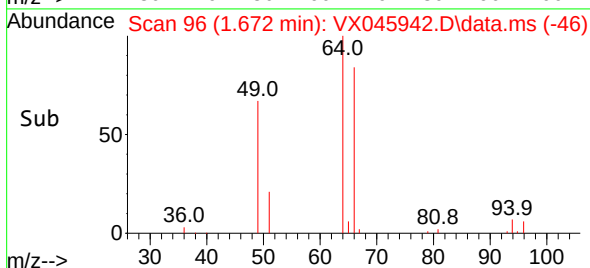
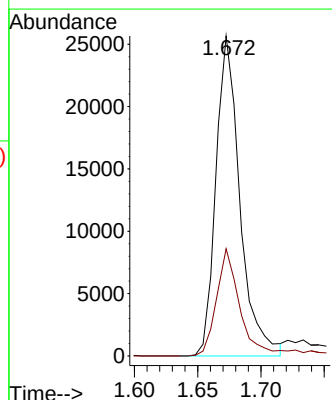
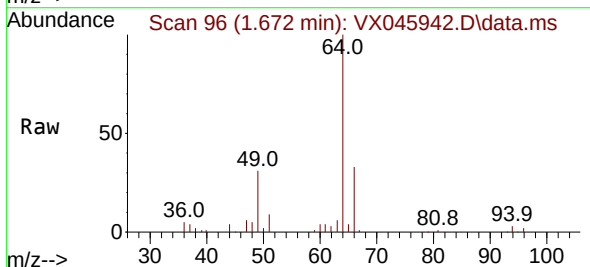
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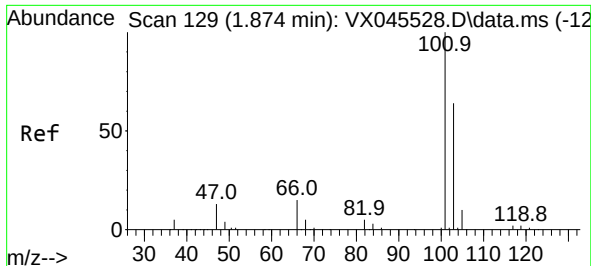
Tgt Ion: 94 Resp: 28006
Ion Ratio Lower Upper
94 100
96 93.8 74.8 112.2



#6
Chloroethane
Concen: 51.646 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 64 Resp: 33804
Ion Ratio Lower Upper
64 100
66 33.5 26.3 39.5

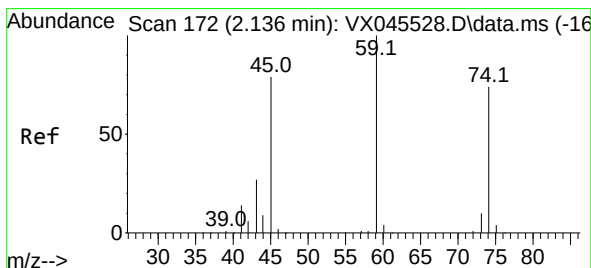
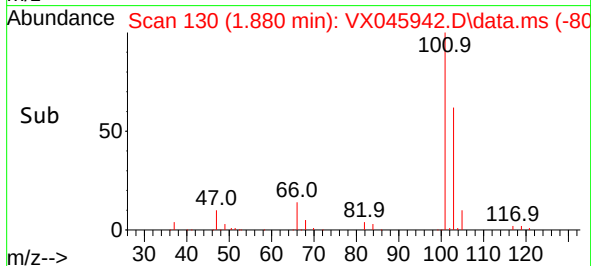
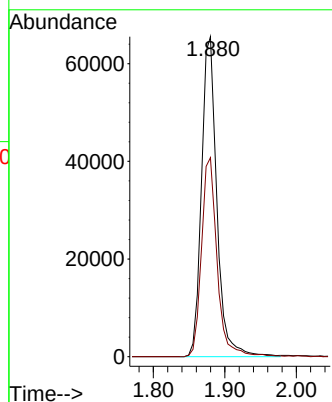
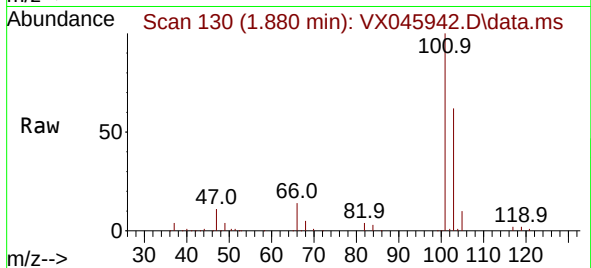




#7
Trichlorofluoromethane
Concen: 53.130 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
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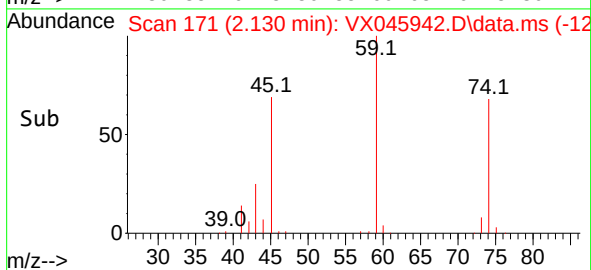
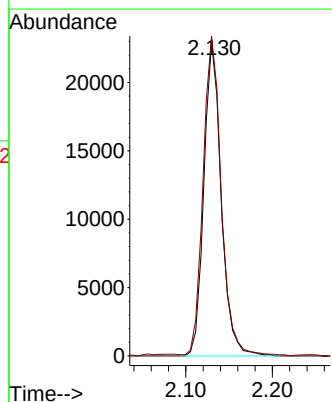
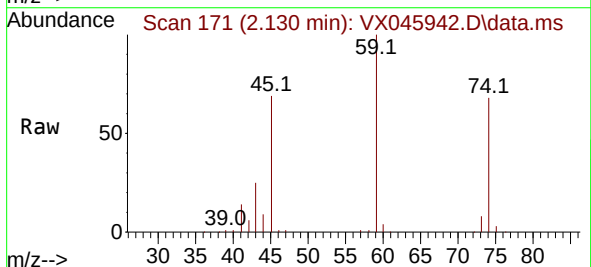
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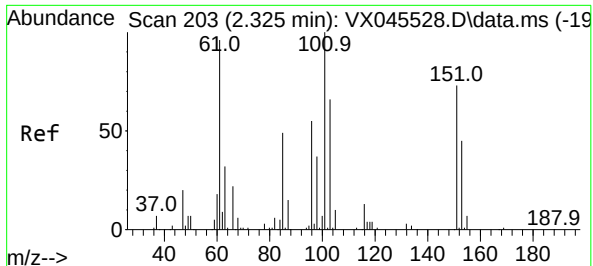
Tgt Ion:101 Resp: 97740
Ion Ratio Lower Upper
101 100
103 62.2 51.1 76.7



#8
Diethyl Ether
Concen: 51.624 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 74 Resp: 31884
Ion Ratio Lower Upper
74 100
45 107.5 53.0 159.1

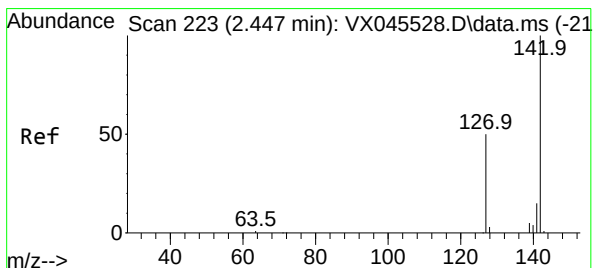
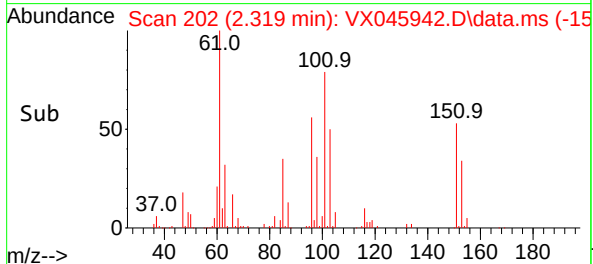
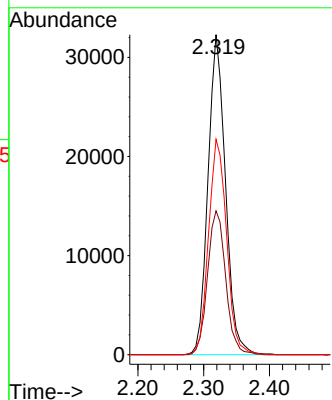
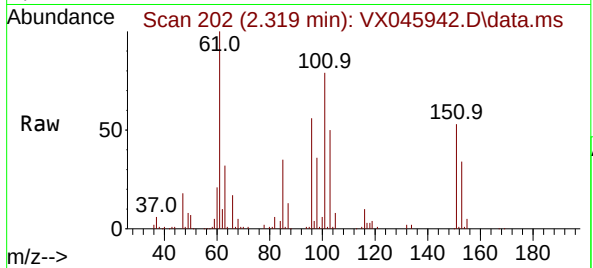




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.395 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
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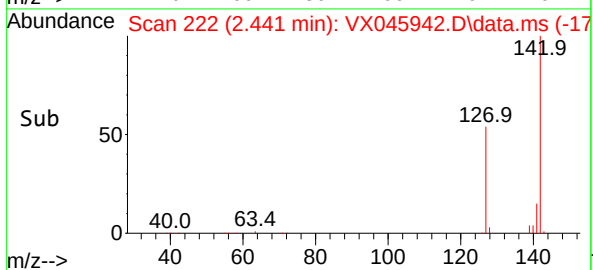
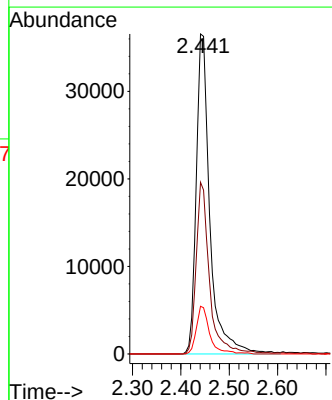
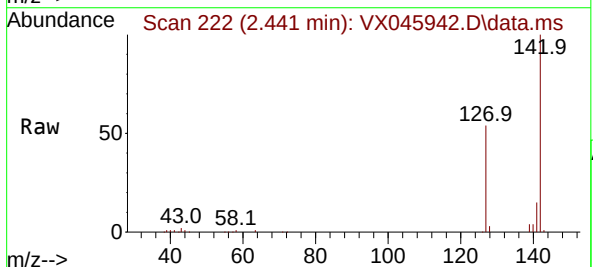
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ClientSampleId :
VSTDCCC050EC

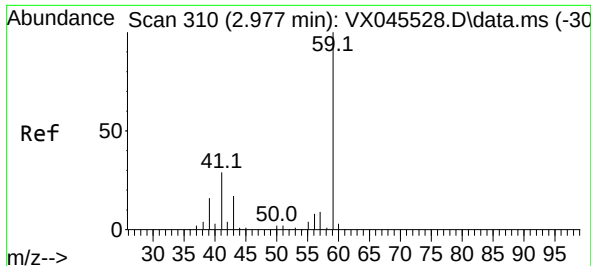
Tgt Ion:101 Resp: 59715
Ion Ratio Lower Upper
101 100
85 46.6 38.9 58.3
151 69.6 57.5 86.3



#10
Methyl Iodide
Concen: 53.274 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion:142 Resp: 71631
Ion Ratio Lower Upper
142 100
127 52.4 40.2 60.4
141 14.4 11.7 17.5

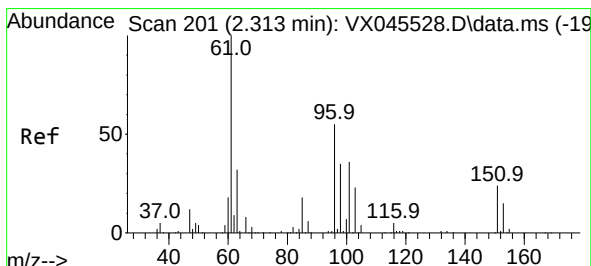
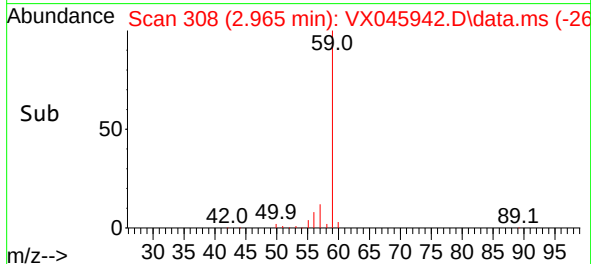
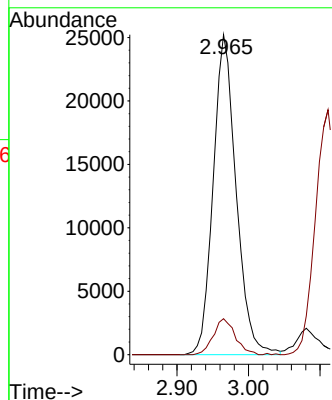
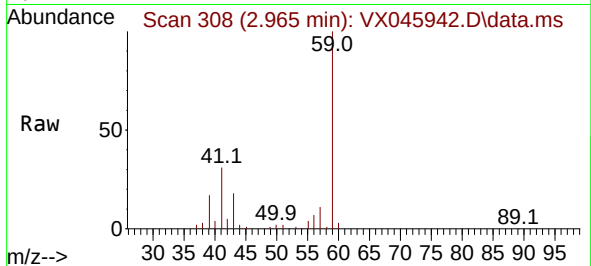




#11
Tert butyl alcohol
Concen: 260.518 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

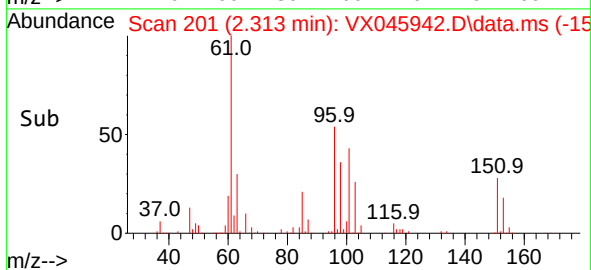
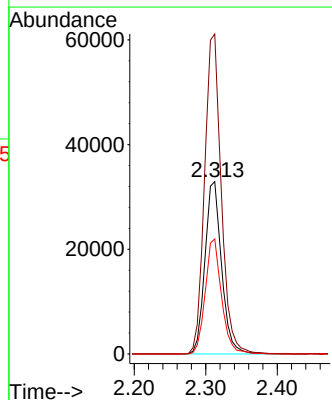
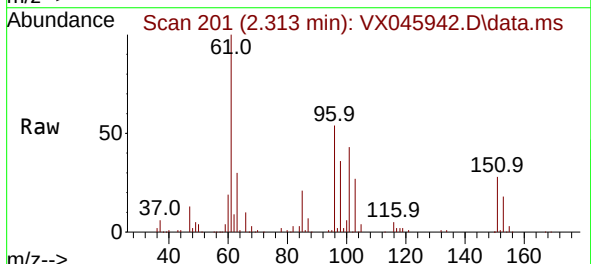
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

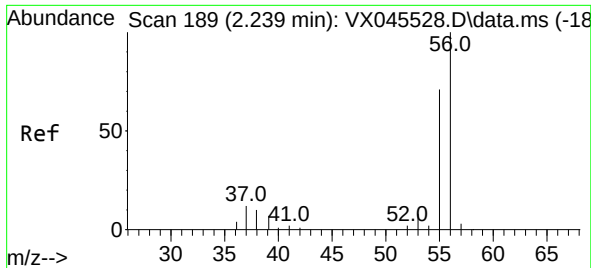
Tgt Ion: 59 Resp: 56178
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.532 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 96 Resp: 53227
Ion Ratio Lower Upper
96 100
61 185.6 145.7 218.5
98 66.7 51.6 77.4

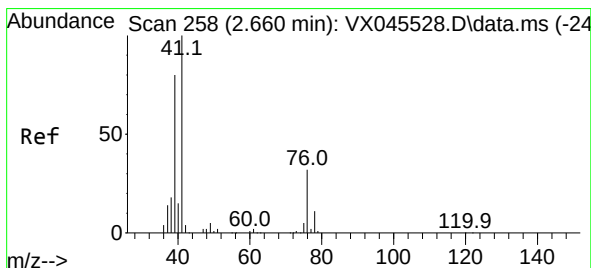
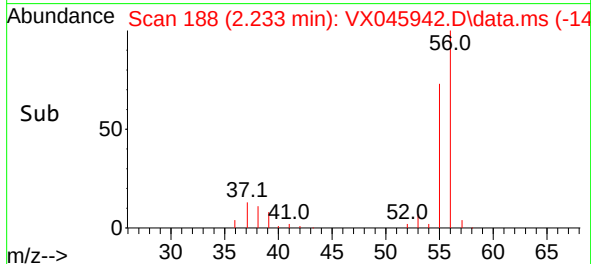
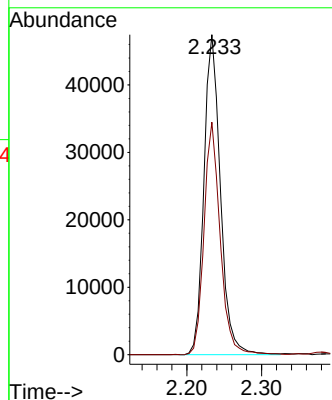
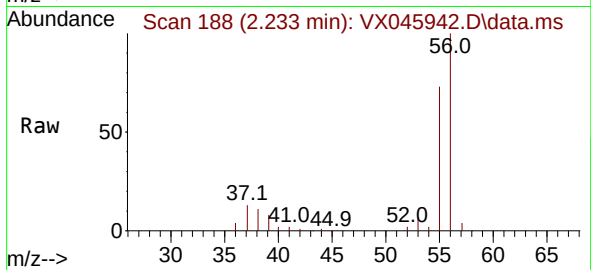




#13
Acrolein
Concen: 244.552 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

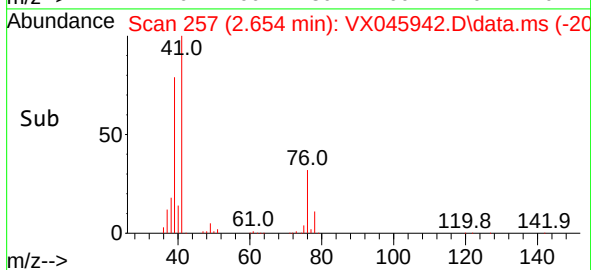
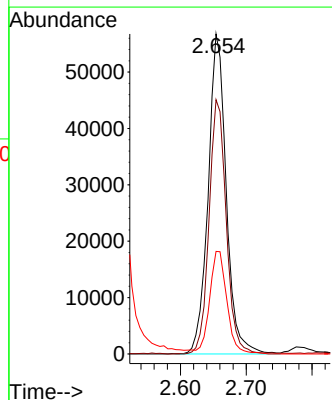
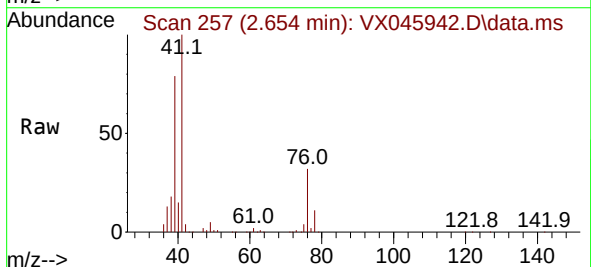
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

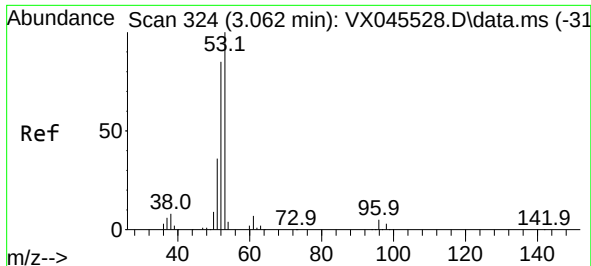
Tgt Ion: 56 Resp: 72620
Ion Ratio Lower Upper
56 100
55 71.2 56.2 84.2



#14
Allyl chloride
Concen: 54.493 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 41 Resp: 108909
Ion Ratio Lower Upper
41 100
39 75.3 60.2 90.2
76 30.9 24.6 36.8

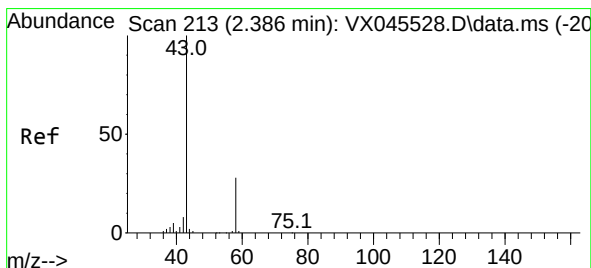
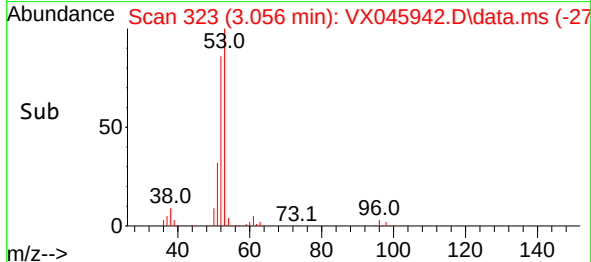
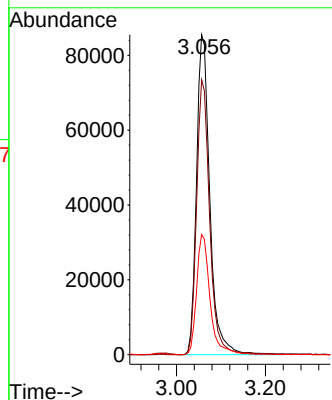
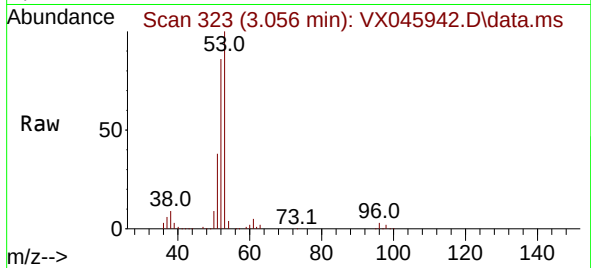




#15
Acrylonitrile
Concen: 261.581 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

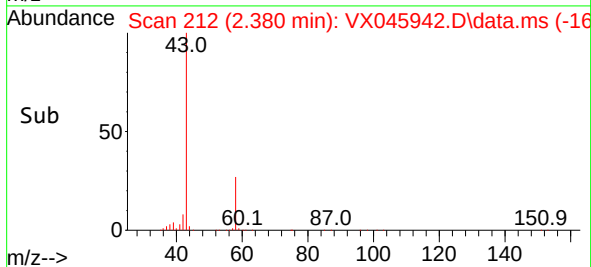
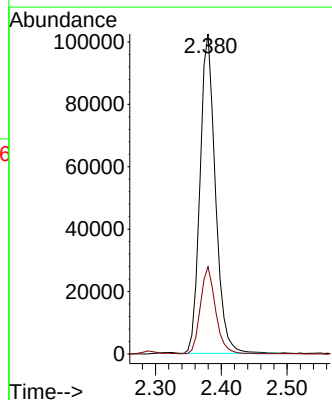
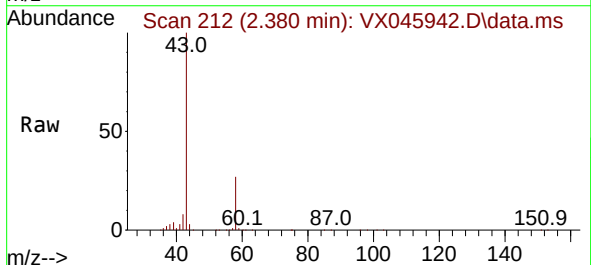
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

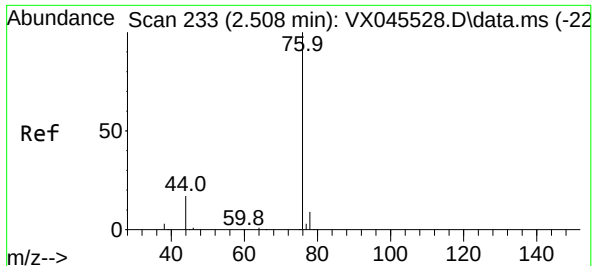
Tgt Ion: 53 Resp: 178057
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.2
51 37.9 29.9 44.9



#16
Acetone
Concen: 252.344 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 43 Resp: 166263
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5

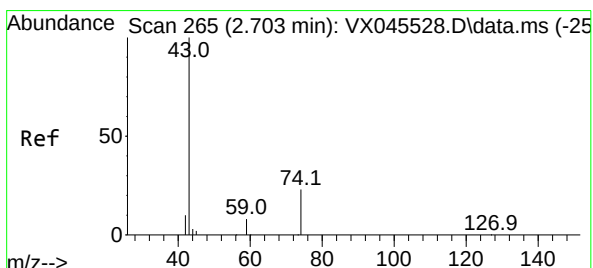
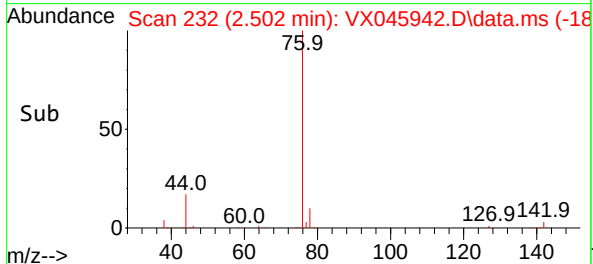
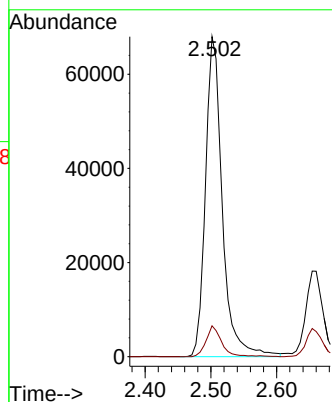
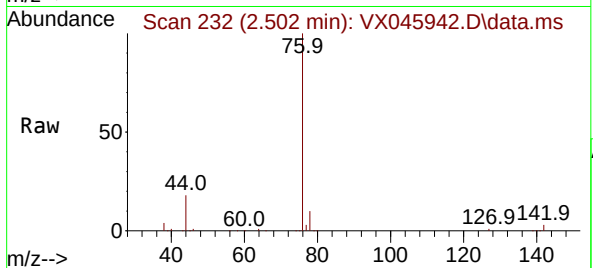




#17
Carbon Disulfide
Concen: 46.523 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

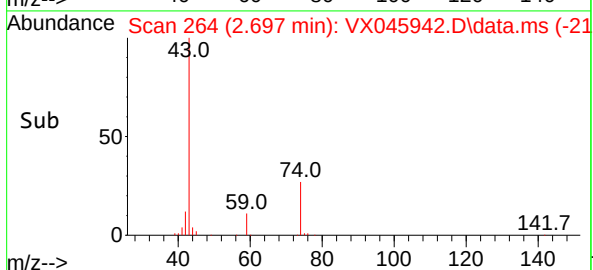
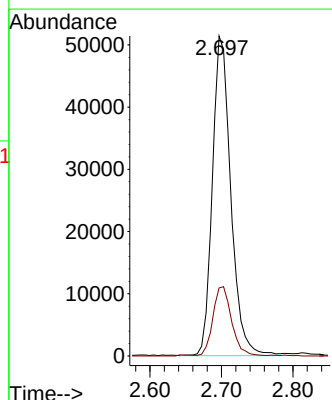
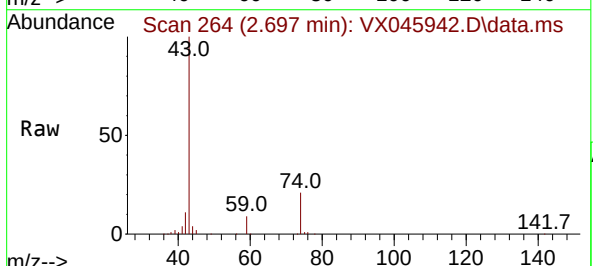
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

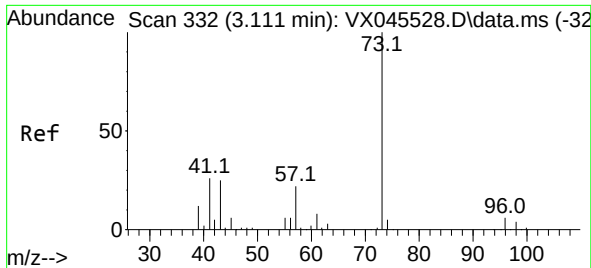
Tgt Ion: 76 Resp: 121033
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 60.679 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 43 Resp: 92049
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3

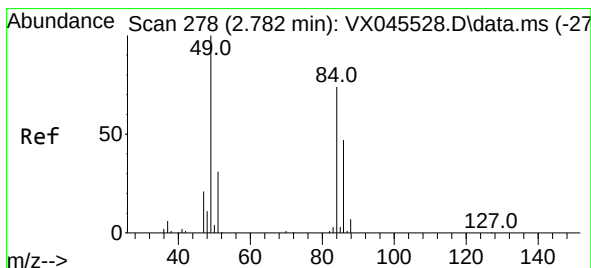
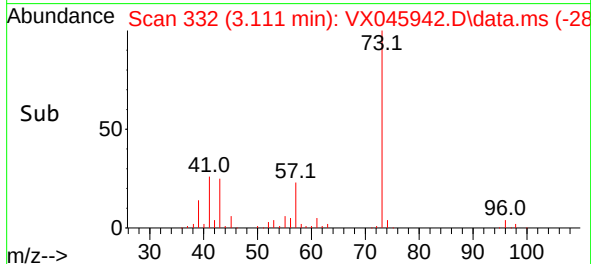
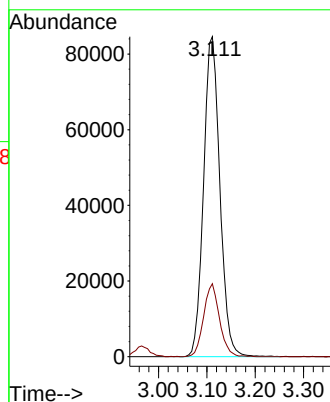
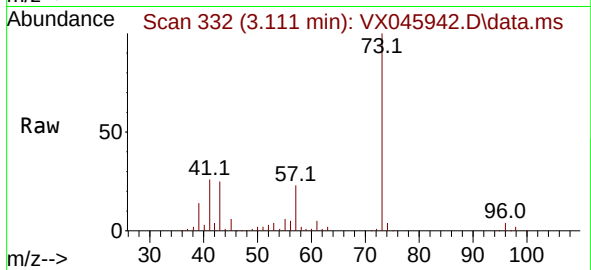




#19
Methyl tert-butyl Ether
Concen: 53.810 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

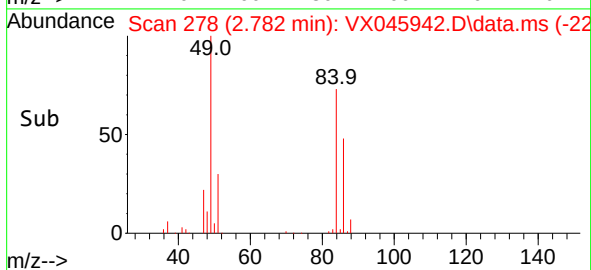
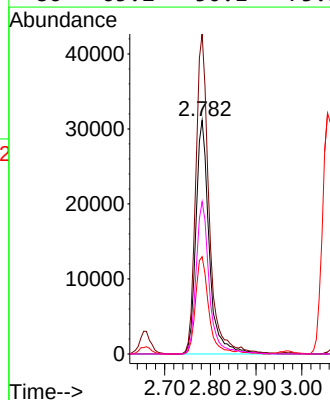
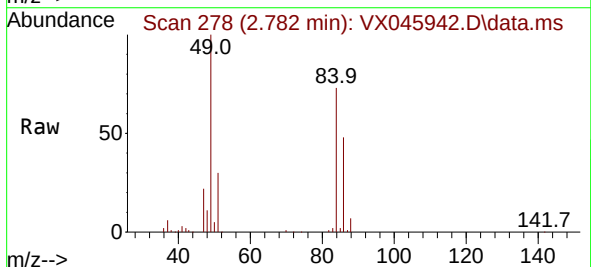
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

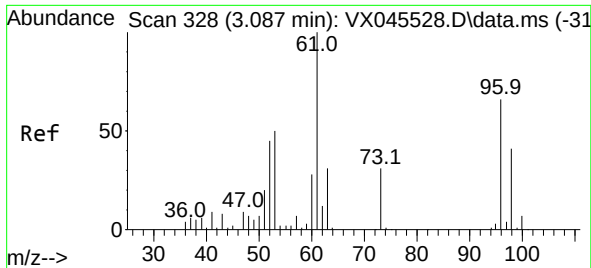
Tgt Ion: 73 Resp: 198275
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4



#20
Methylene Chloride
Concen: 51.058 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 84 Resp: 62980
Ion Ratio Lower Upper
84 100
49 137.0 107.5 161.3
51 41.7 33.0 49.6
86 65.2 50.1 75.1

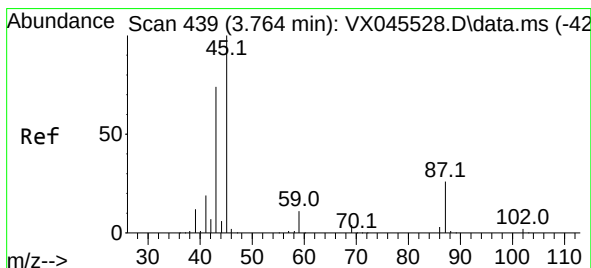
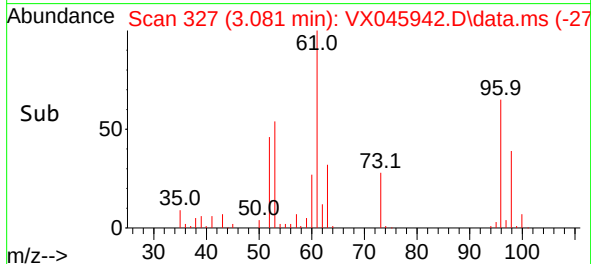
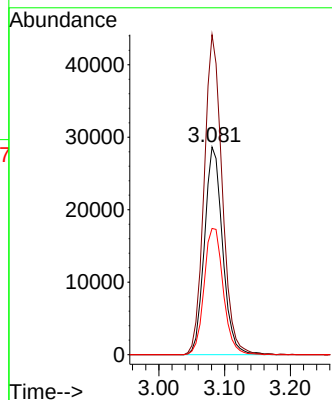
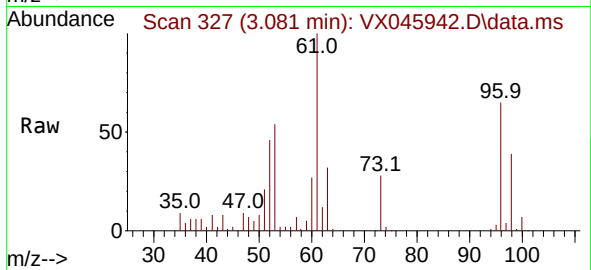




#21
trans-1,2-Dichloroethene
Concen: 51.074 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

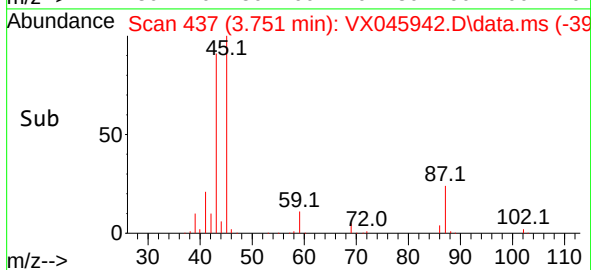
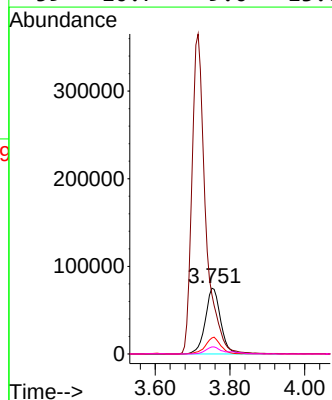
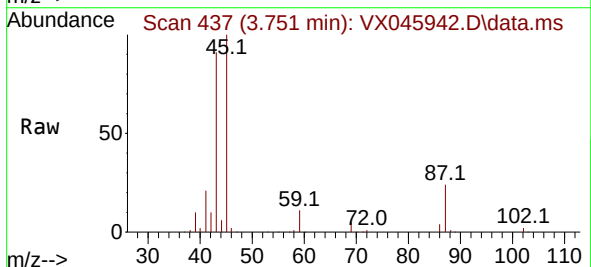
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

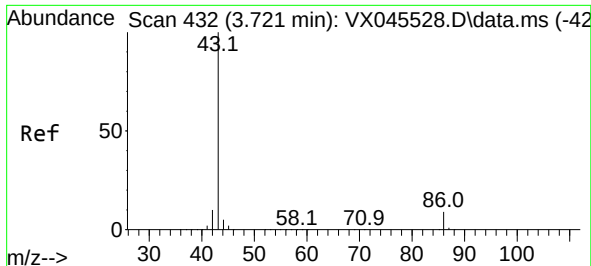
Tgt Ion: 96 Resp: 54961
Ion Ratio Lower Upper
96 100
61 154.1 121.0 181.6
98 60.8 49.7 74.5



#22
Diisopropyl ether
Concen: 54.454 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 45 Resp: 214380
Ion Ratio Lower Upper
45 100
43 90.2 59.3 88.9#
87 24.3 20.4 30.6
59 10.7 9.0 13.6

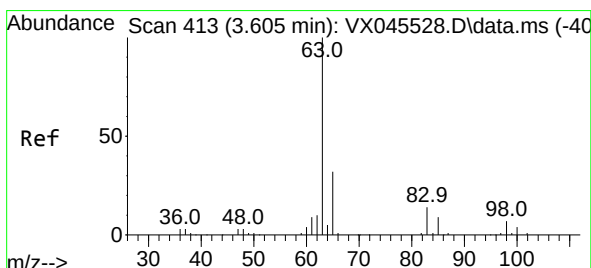
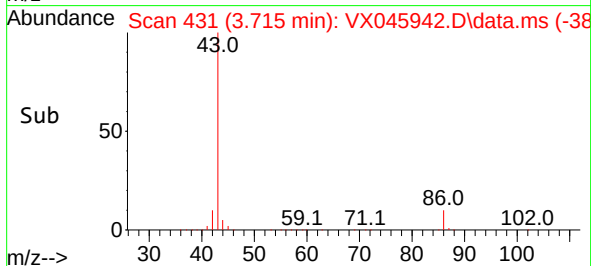
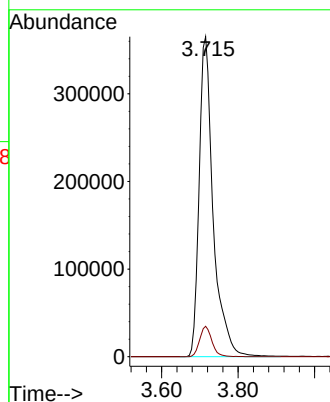
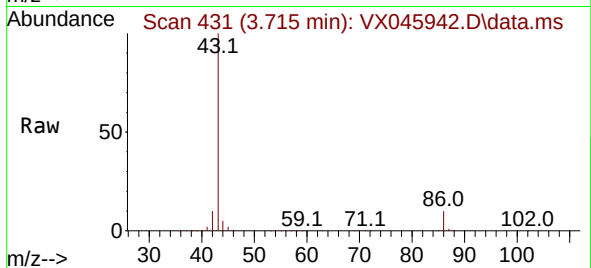




#23
 Vinyl Acetate
 Concen: 272.862 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045942.D
 Acq: 25 Apr 2025 15:38

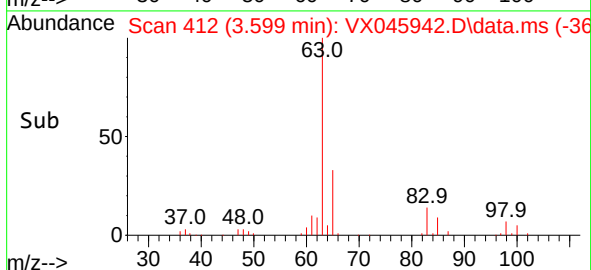
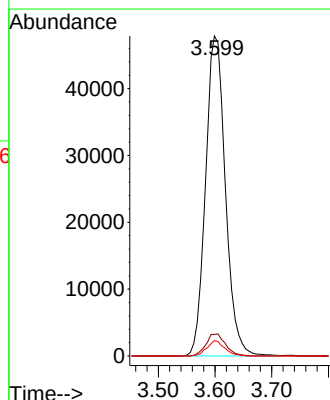
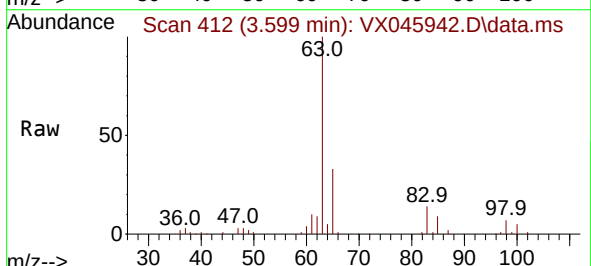
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

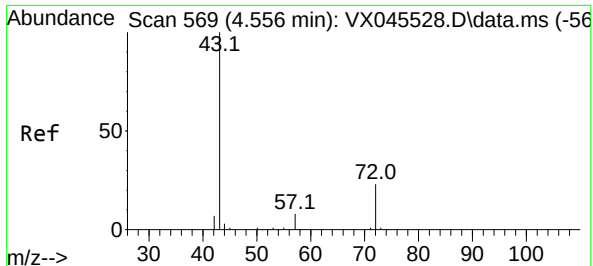
Tgt Ion: 43 Resp: 928124
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.220 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045942.D
 Acq: 25 Apr 2025 15:38

Tgt Ion: 63 Resp: 116265
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.8 2.2 6.6

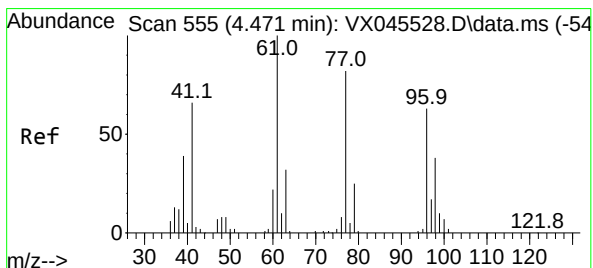
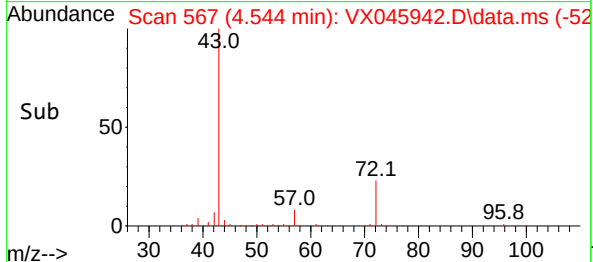
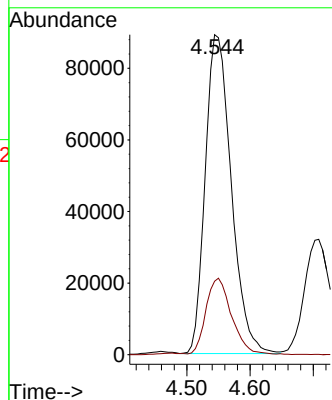
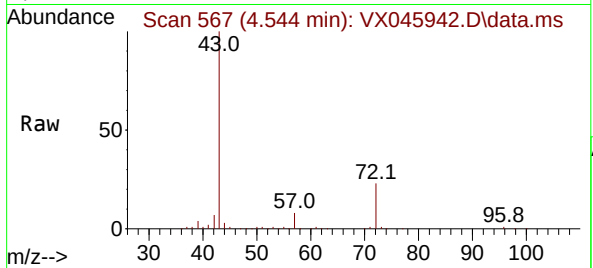




#25
2-Butanone
Concen: 264.101 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

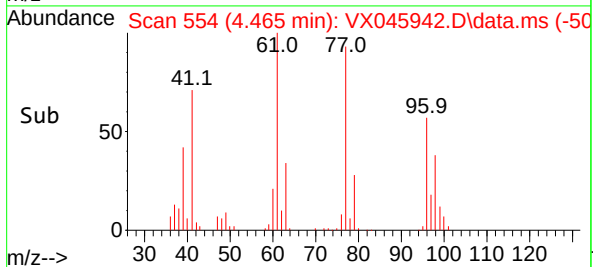
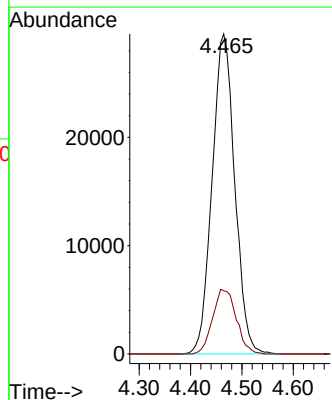
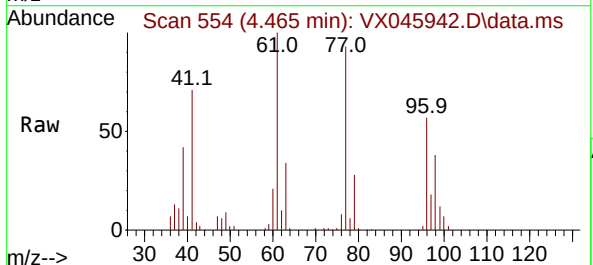
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

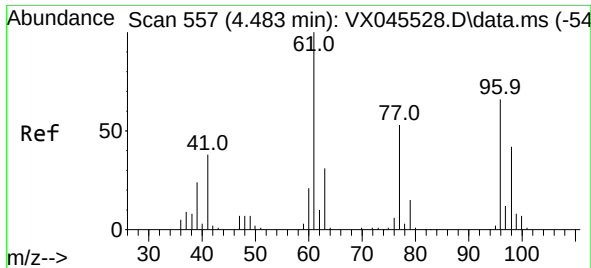
Tgt Ion: 43 Resp: 254715
Ion Ratio Lower Upper
43 100
72 22.8 18.6 28.0



#26
2,2-Dichloropropane
Concen: 62.773 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 77 Resp: 90299
Ion Ratio Lower Upper
77 100
97 21.0 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 51.645 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

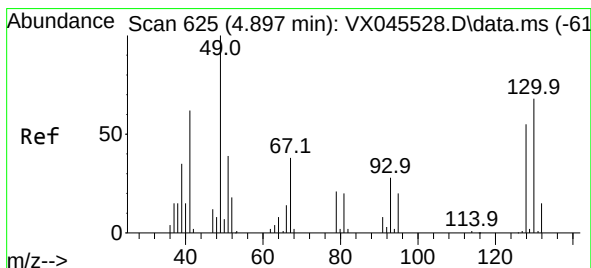
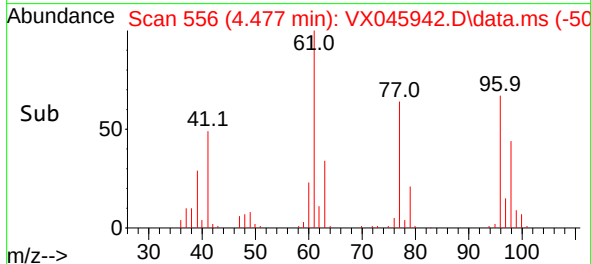
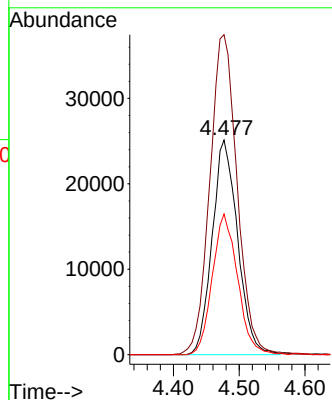
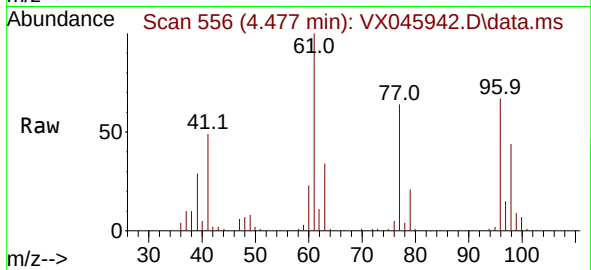
Tgt Ion: 96 Resp: 67709

Ion Ratio Lower Upper

96 100

61 160.4 0.0 313.2

98 65.1 0.0 126.4



#28

Bromochloromethane

Concen: 47.955 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

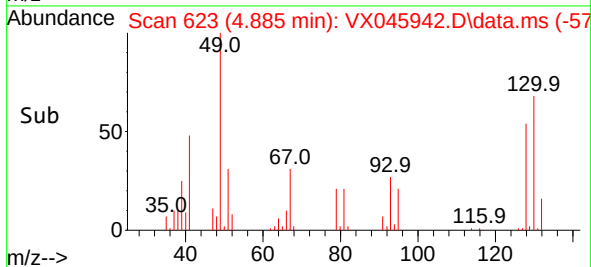
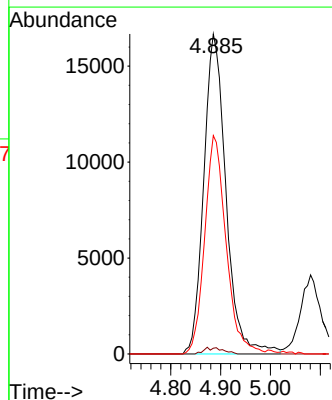
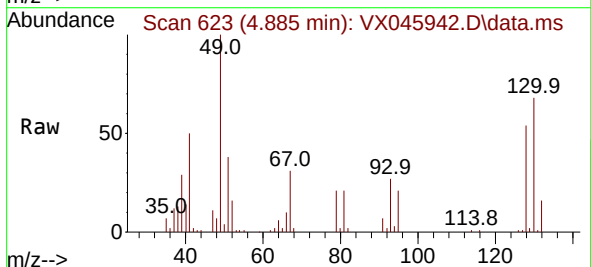
Tgt Ion: 49 Resp: 51596

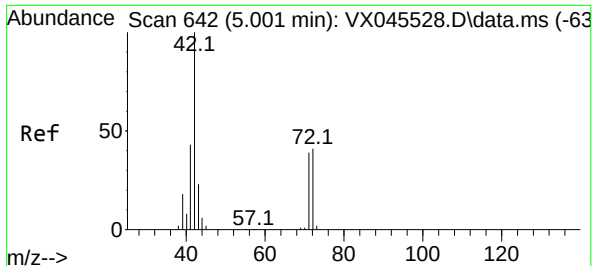
Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.8

130 65.7 54.6 81.8





#29

Tetrahydrofuran

Concen: 257.629 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

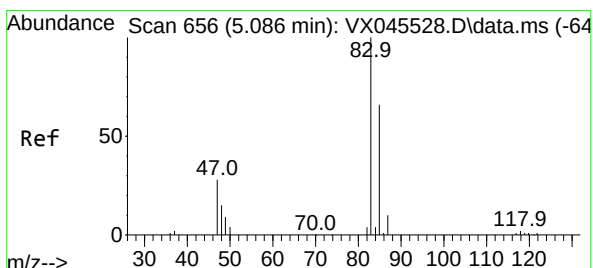
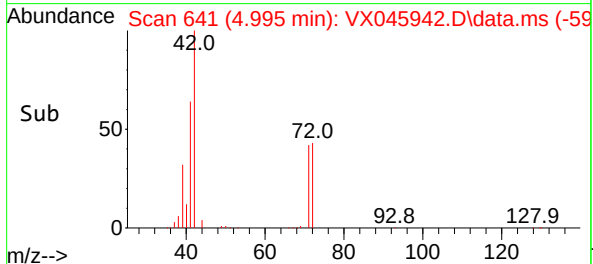
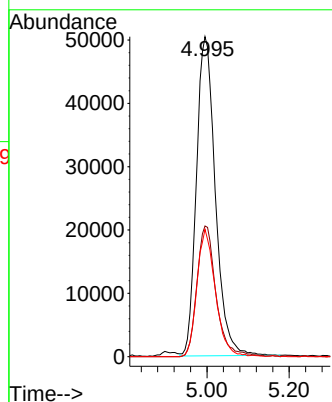
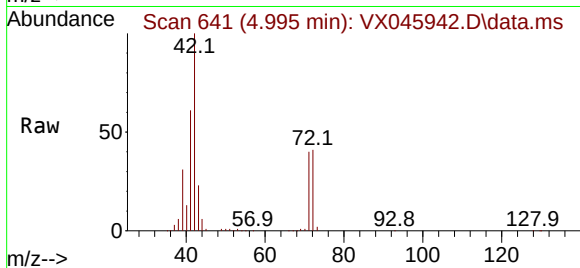
Tgt Ion: 42 Resp: 161093

Ion Ratio Lower Upper

42 100

72 41.4 33.4 50.0

71 38.7 31.4 47.0



#30

Chloroform

Concen: 52.709 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX045942.D

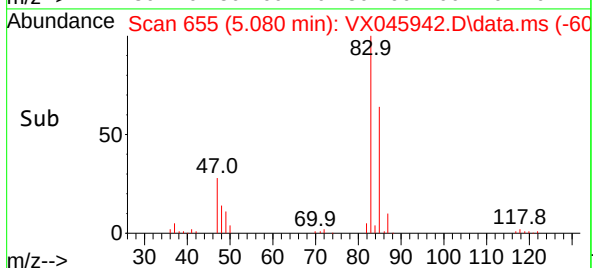
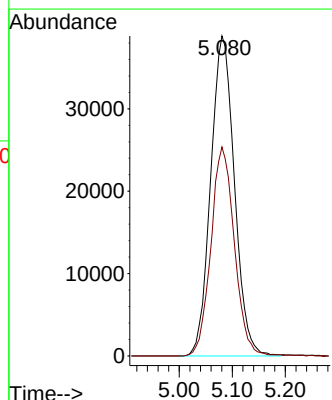
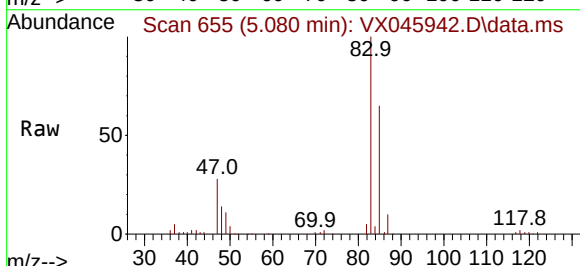
Acq: 25 Apr 2025 15:38

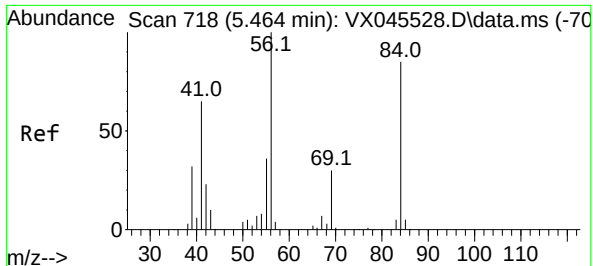
Tgt Ion: 83 Resp: 120755

Ion Ratio Lower Upper

83 100

85 65.3 52.8 79.2

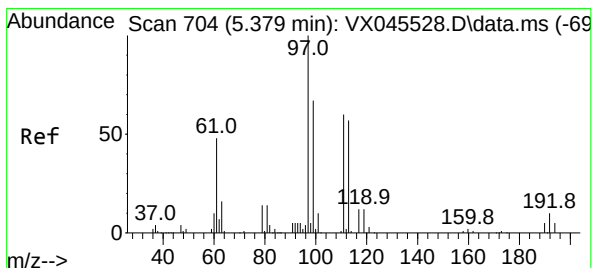
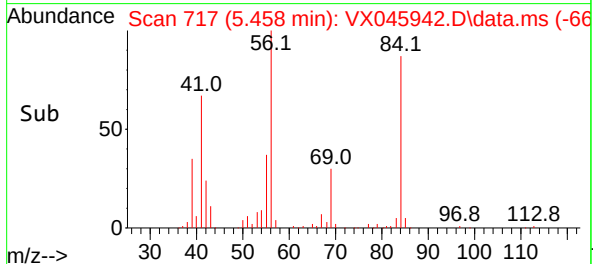
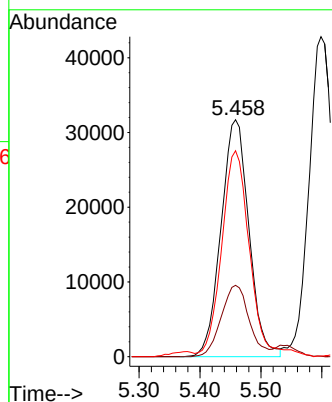
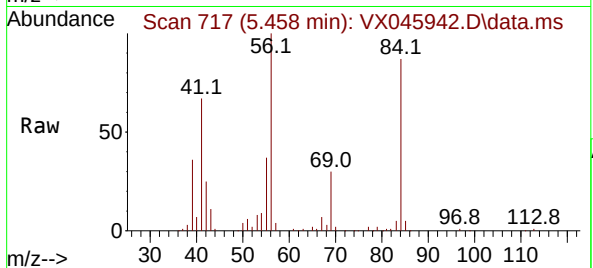




#31
Cyclohexane
Concen: 51.312 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

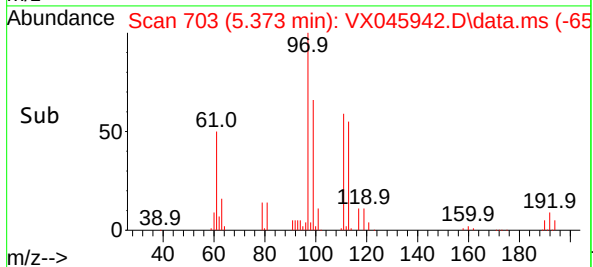
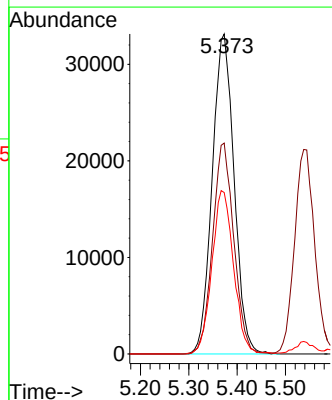
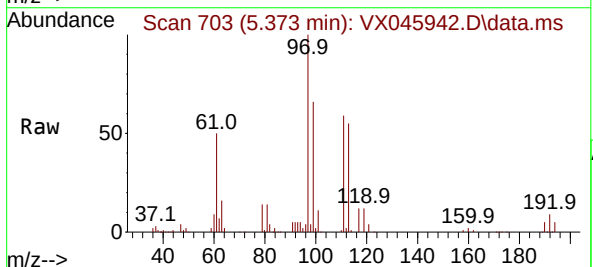
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

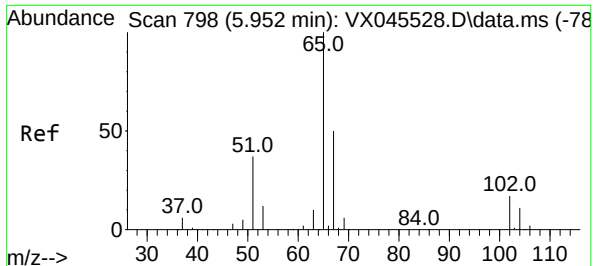
Tgt Ion: 56 Resp: 100997
Ion Ratio Lower Upper
56 100
69 30.1 23.6 35.4
84 85.1 67.7 101.5



#32
1,1,1-Trichloroethane
Concen: 53.734 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 97 Resp: 104165
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 50.7 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 49.140 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

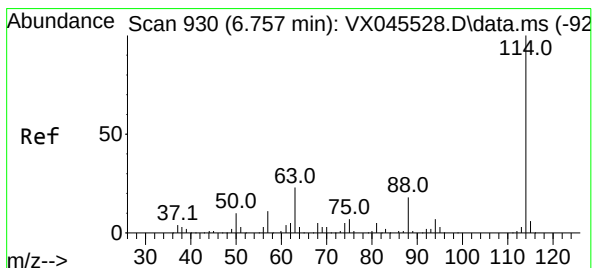
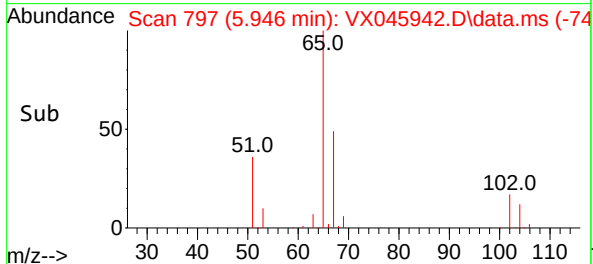
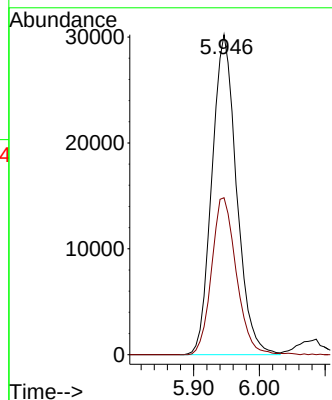
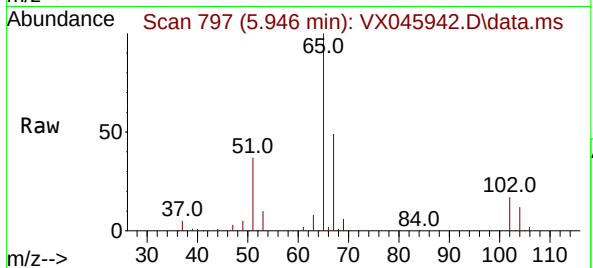
VSTDCCC050EC

Tgt Ion: 65 Resp: 78848

Ion Ratio Lower Upper

65 100

67 49.3 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: VX045942.D

Acq: 25 Apr 2025 15:38

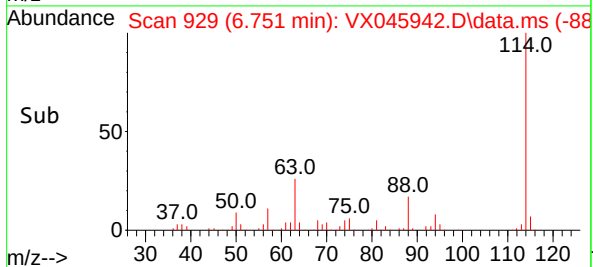
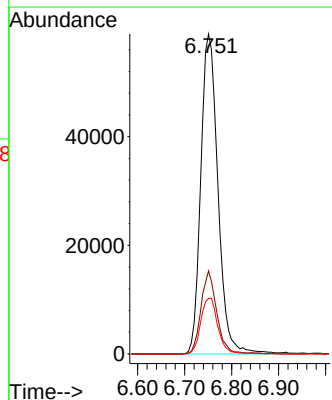
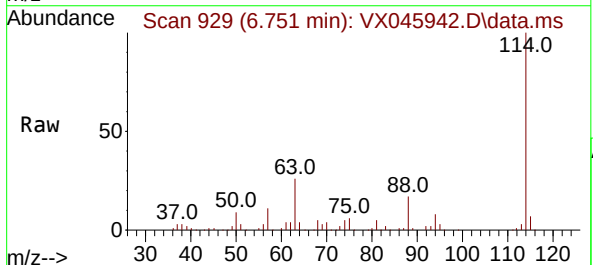
Tgt Ion: 114 Resp: 149428

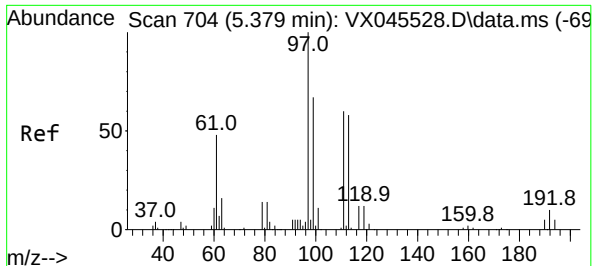
Ion Ratio Lower Upper

114 100

63 26.0 0.0 46.8

88 17.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.001 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

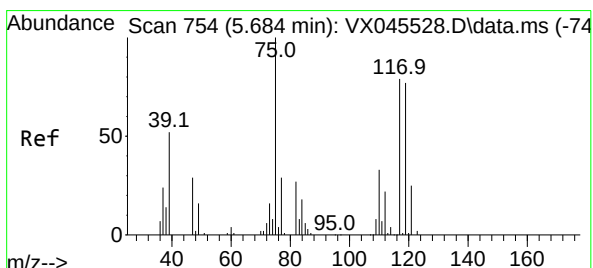
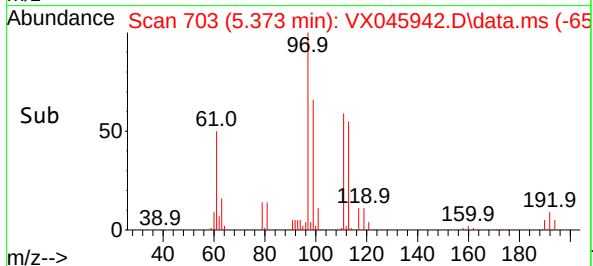
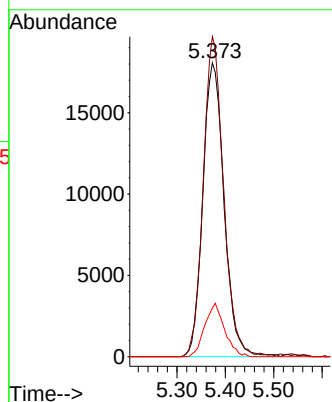
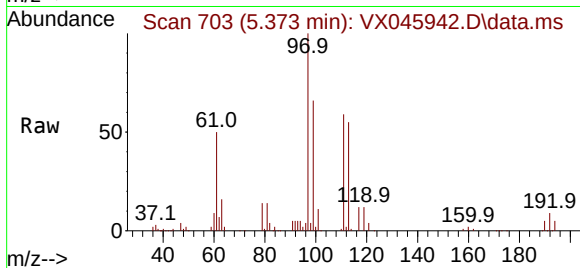
Tgt Ion:113 Resp: 55131

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.6

192 16.9 13.8 20.6



#36

1,1-Dichloropropene

Concen: 54.544 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

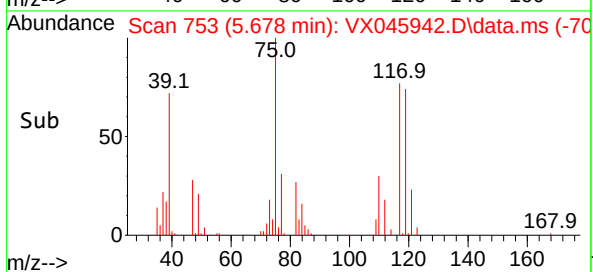
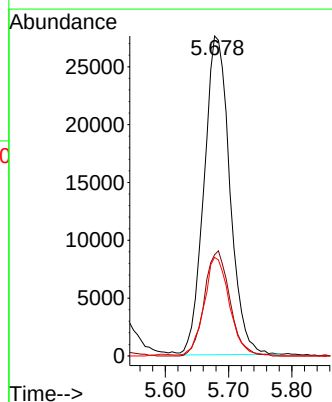
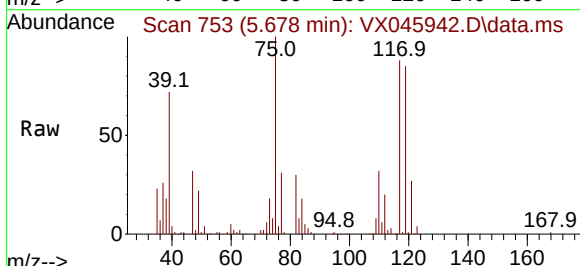
Tgt Ion: 75 Resp: 78078

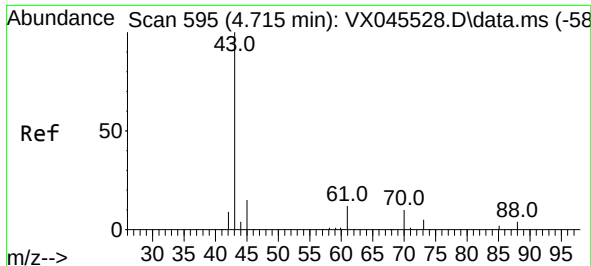
Ion Ratio Lower Upper

75 100

110 32.6 16.9 50.6

77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 53.744 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

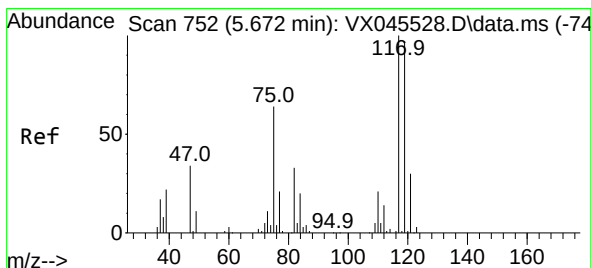
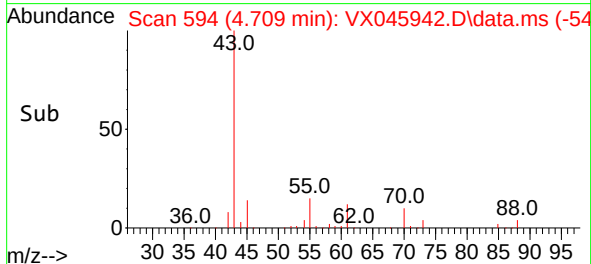
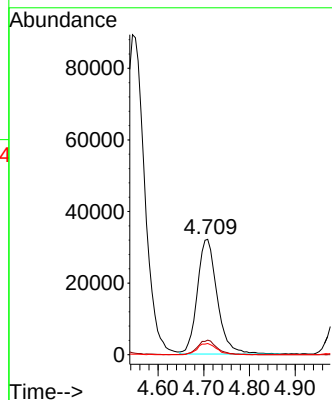
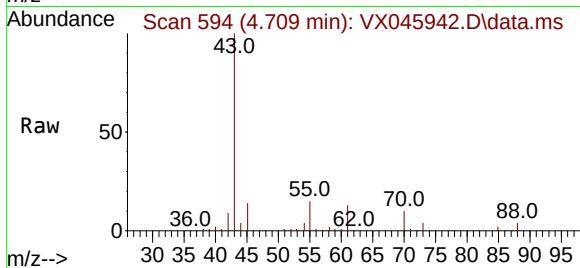
Tgt Ion: 43 Resp: 96951

Ion Ratio Lower Upper

43 100

61 12.4 9.9 14.9

70 9.6 7.5 11.3



#38

Carbon Tetrachloride

Concen: 58.648 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

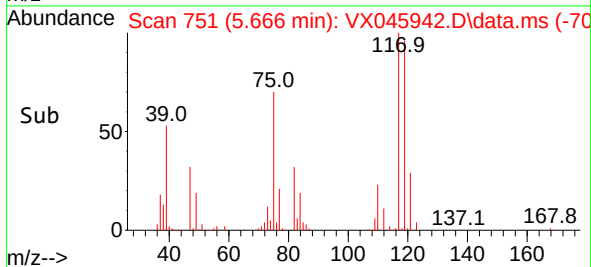
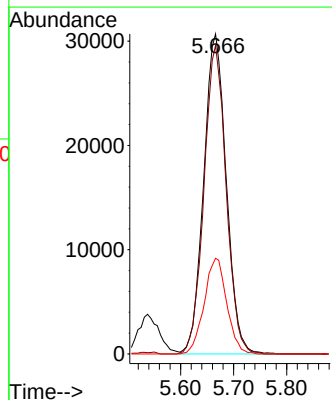
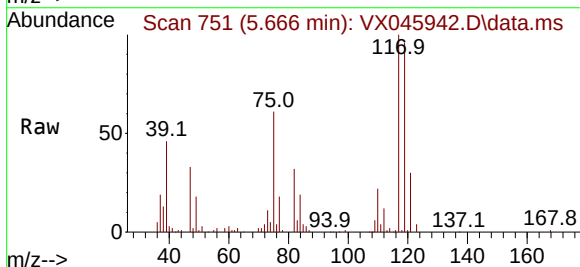
Tgt Ion: 117 Resp: 90733

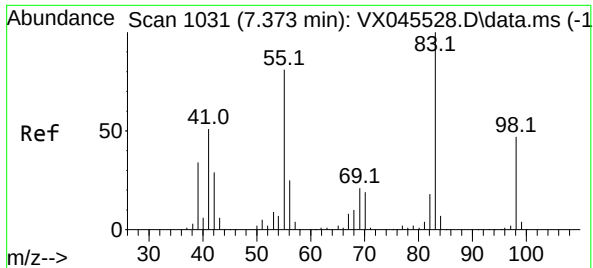
Ion Ratio Lower Upper

117 100

119 96.5 76.9 115.3

121 29.9 24.2 36.2

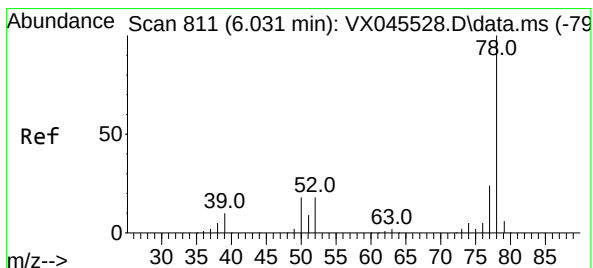
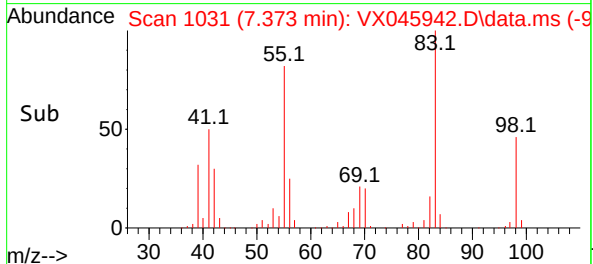
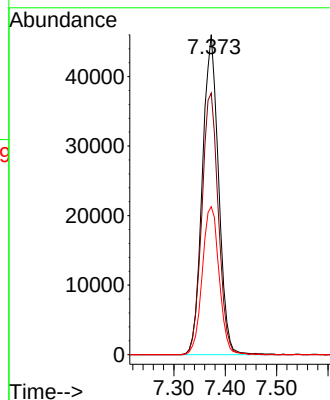
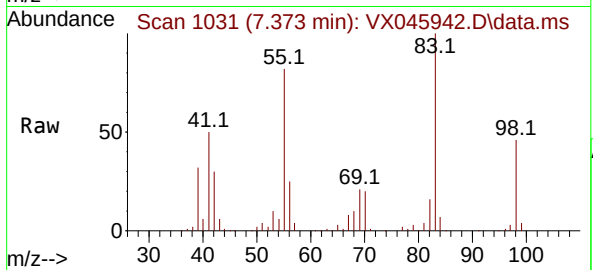




#39
Methylcyclohexane
Concen: 57.390 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

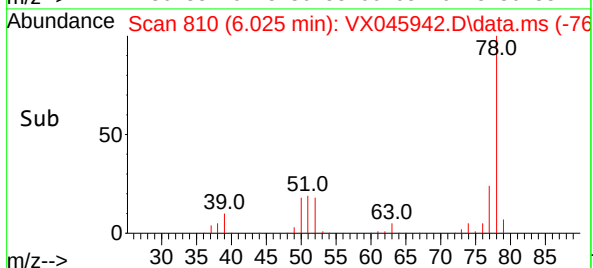
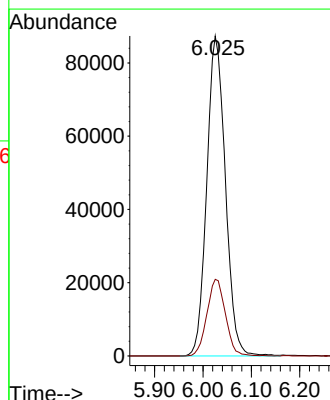
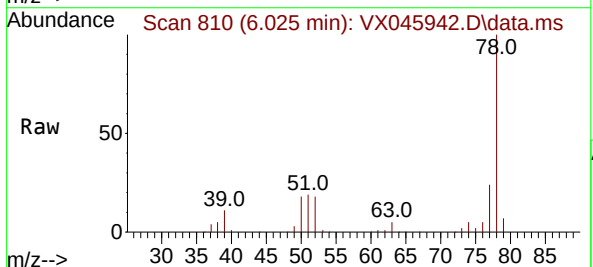
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

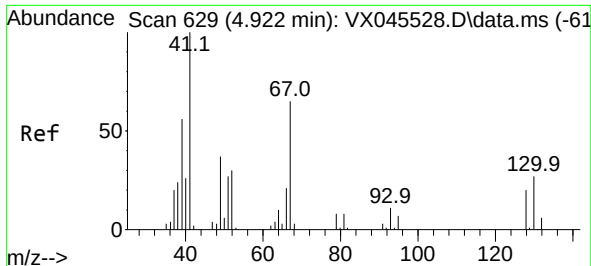
Tgt Ion: 83 Resp: 100702
Ion Ratio Lower Upper
83 100
55 81.7 64.9 97.3
98 46.3 37.4 56.0



#40
Benzene
Concen: 53.367 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 78 Resp: 233315
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

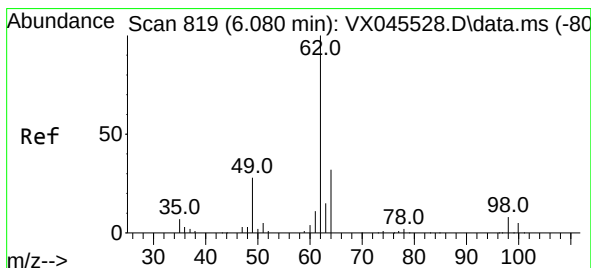
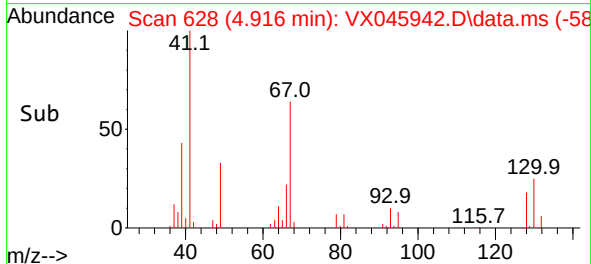
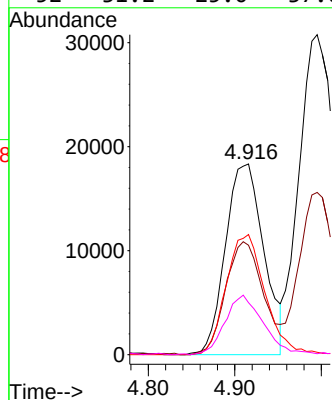
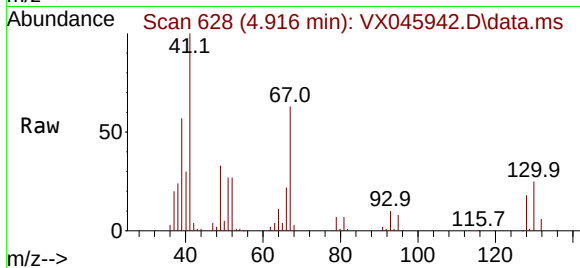




#41
Methacrylonitrile
Concen: 59.390 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

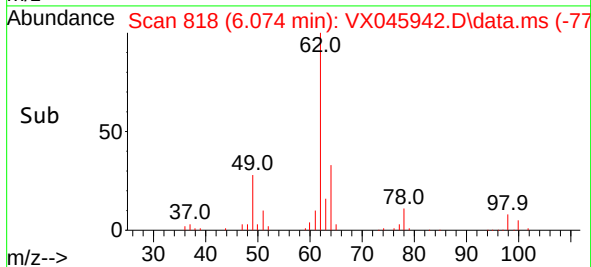
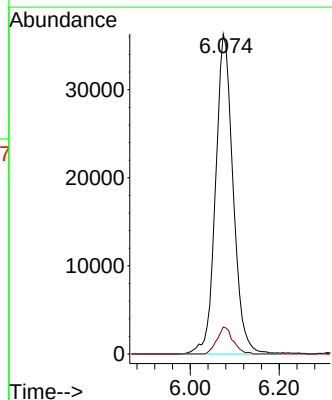
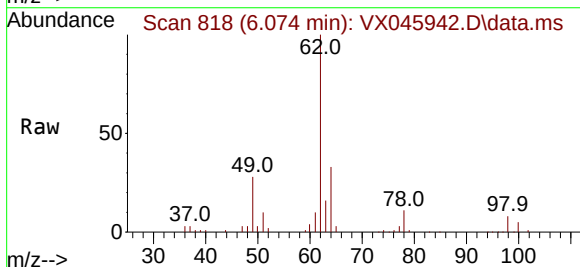
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

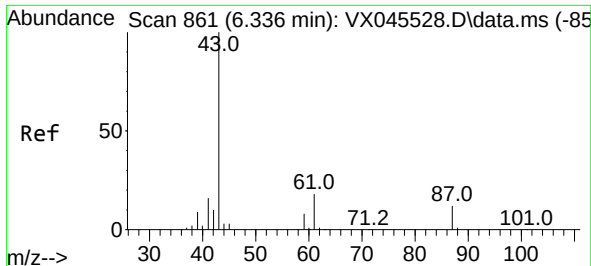
Tgt Ion: 41	Resp: 56528
Ion Ratio	Lower Upper
41 100	
39 58.3	47.0 70.6
67 64.1	53.2 79.8
52 31.2	25.0 37.6



#42
1,2-Dichloroethane
Concen: 55.075 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 62	Resp: 99449
Ion Ratio	Lower Upper
62 100	
98 7.7	0.0 15.2

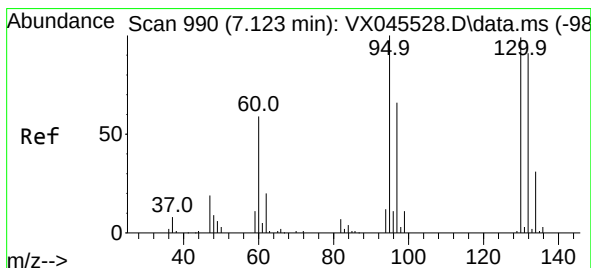
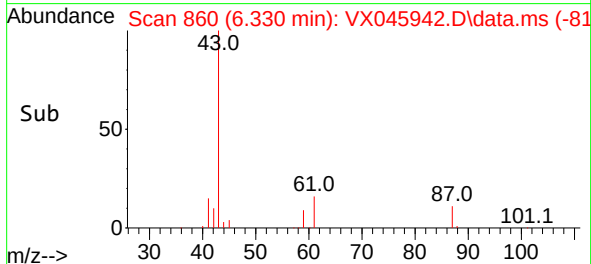
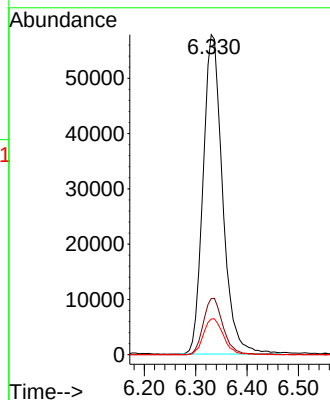
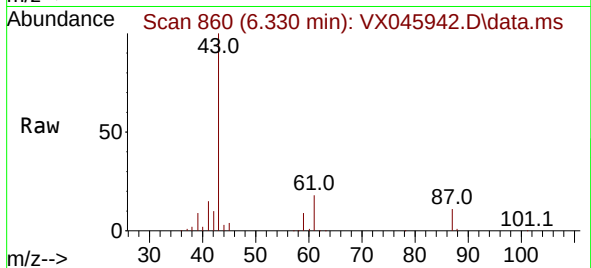




#43
Isopropyl Acetate
Concen: 55.746 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

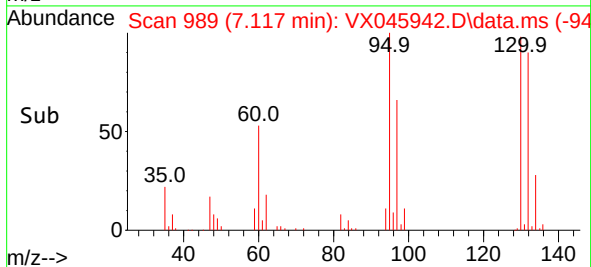
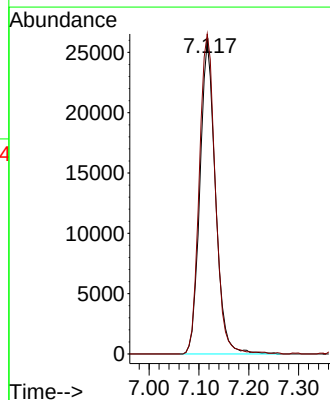
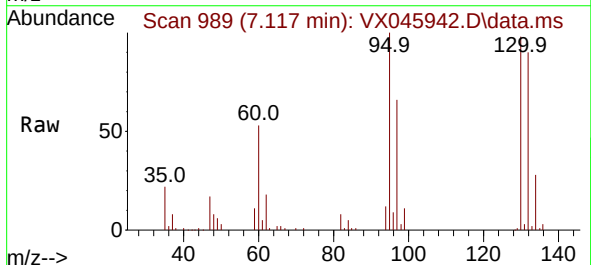
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

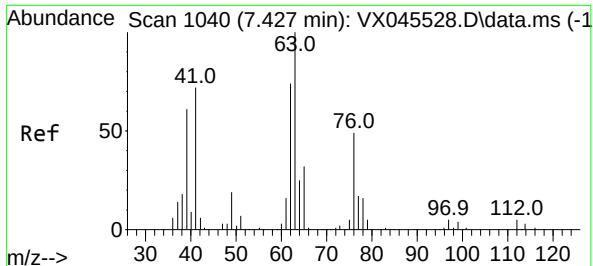
Tgt Ion: 43 Resp: 152416
Ion Ratio Lower Upper
43 100
61 17.8 14.1 21.1
87 11.5 9.2 13.8



#44
Trichloroethene
Concen: 54.120 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion:130 Resp: 56237
Ion Ratio Lower Upper
130 100
95 102.4 0.0 202.0





#45

1,2-Dichloropropane

Concen: 54.928 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

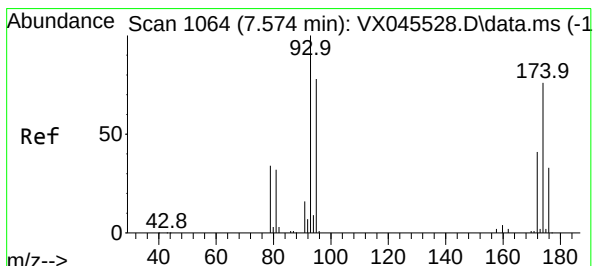
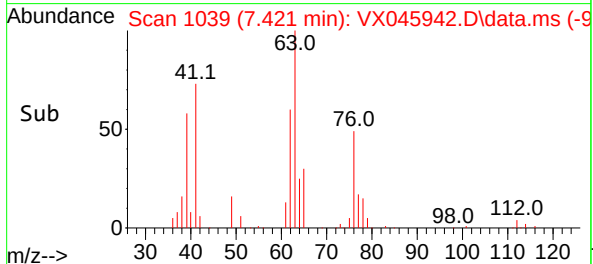
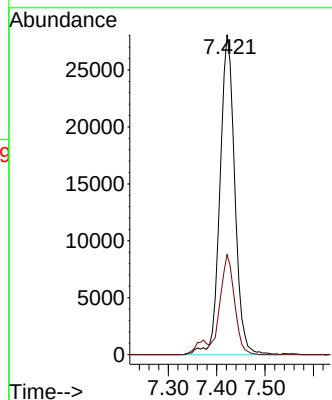
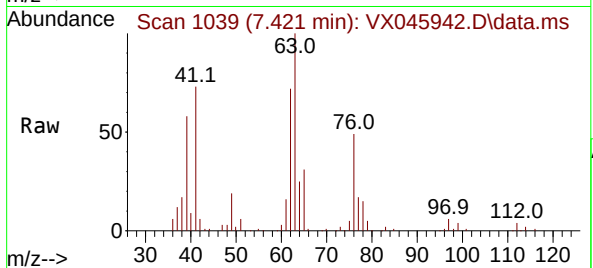
VSTDCCC050EC

Tgt Ion: 63 Resp: 59916

Ion Ratio Lower Upper

63 100

65 31.3 25.8 38.6



#46

Dibromomethane

Concen: 55.210 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

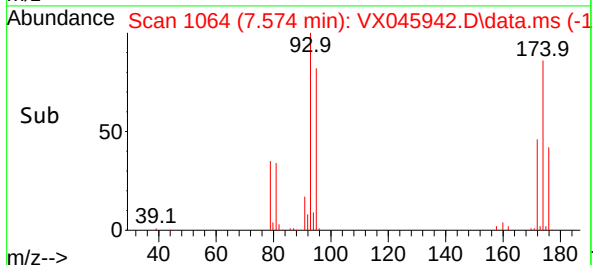
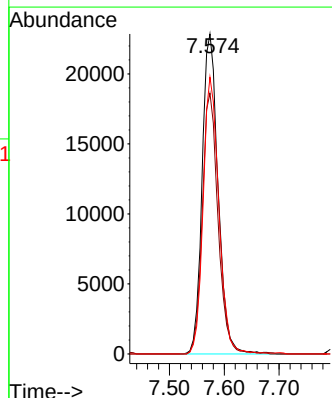
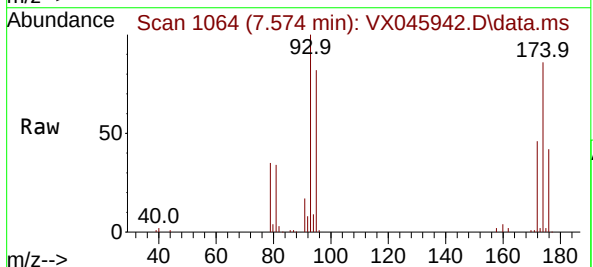
Tgt Ion: 93 Resp: 46231

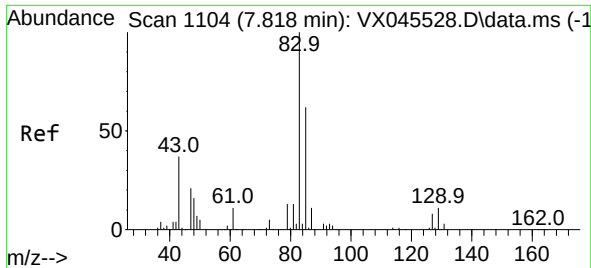
Ion Ratio Lower Upper

93 100

95 80.3 64.8 97.2

174 85.1 65.4 98.0

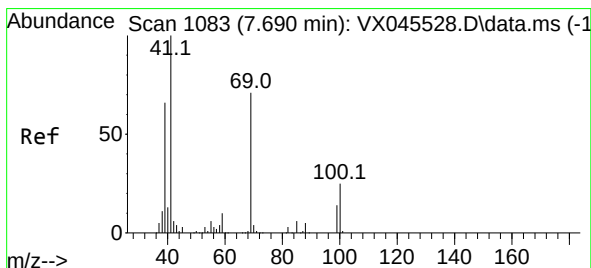
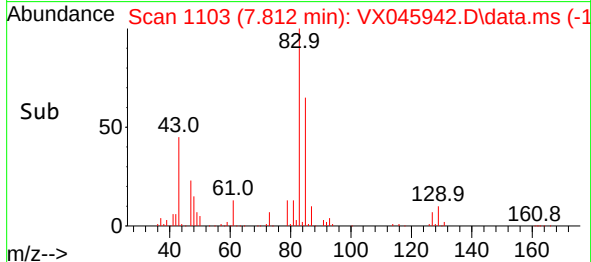
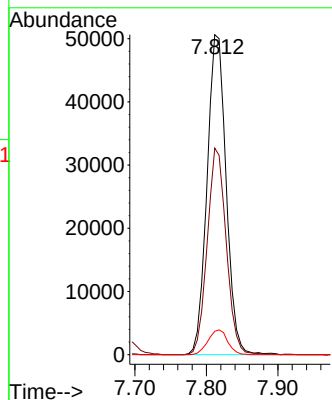
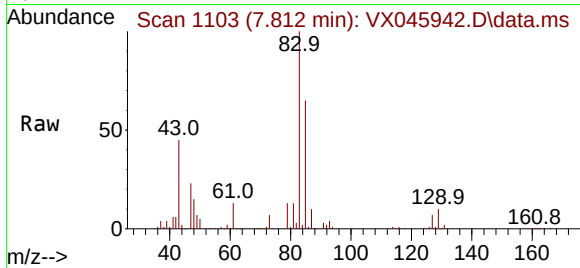




#47
Bromodichloromethane
Concen: 56.162 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

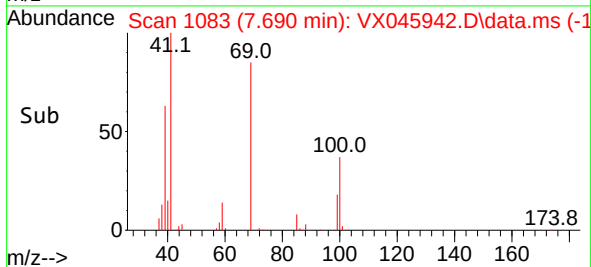
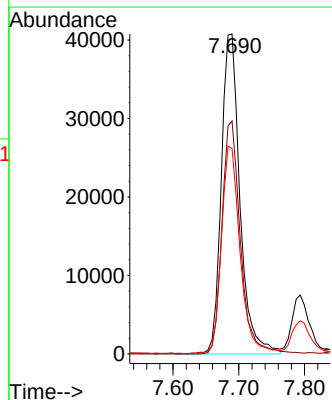
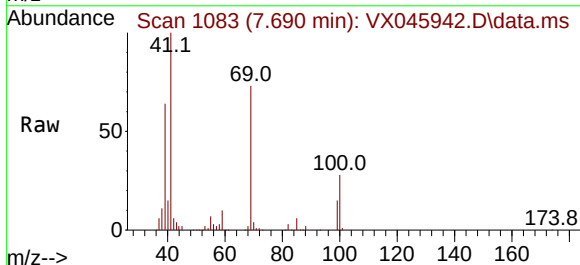
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

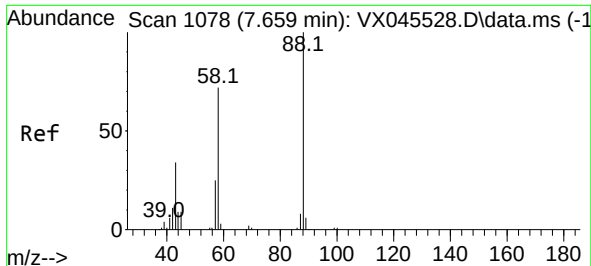
Tgt Ion: 83 Resp: 93918
Ion Ratio Lower Upper
83 100
85 64.5 49.7 74.5
127 7.3 6.1 9.1



#48
Methyl methacrylate
Concen: 57.064 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 41 Resp: 80556
Ion Ratio Lower Upper
41 100
69 72.0 58.2 87.2
39 65.3 53.6 80.4





#49

1,4-Dioxane

Concen: 1048.783 ug/l

RT: 7.653 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

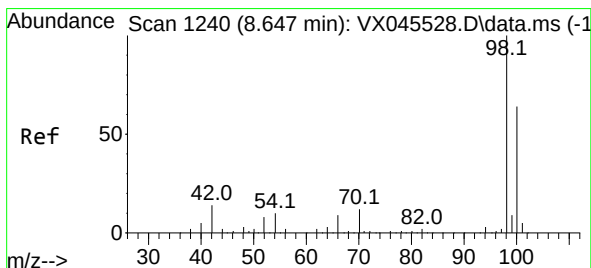
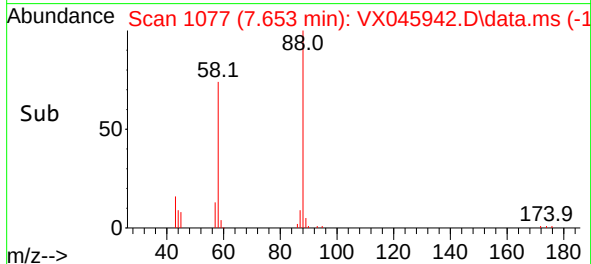
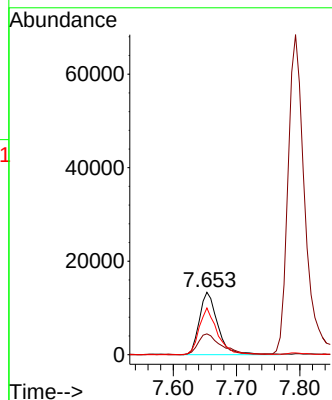
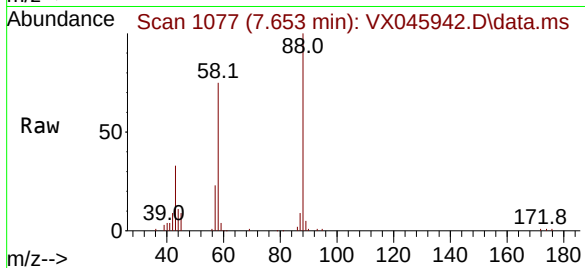
Tgt Ion: 88 Resp: 26787

Ion Ratio Lower Upper

88 100

43 42.5 32.2 48.4

58 74.8 58.6 88.0



#50

Toluene-d8

Concen: 49.420 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VX045942.D

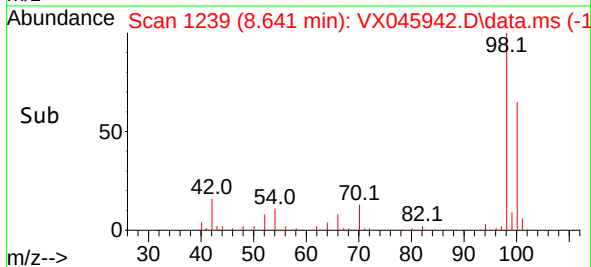
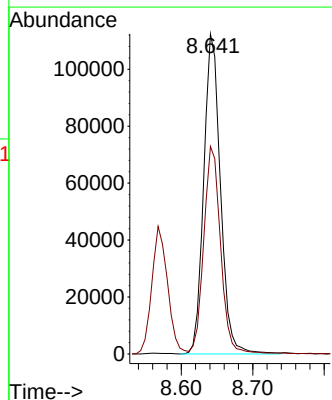
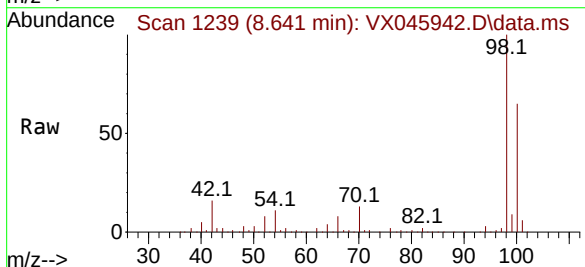
Acq: 25 Apr 2025 15:38

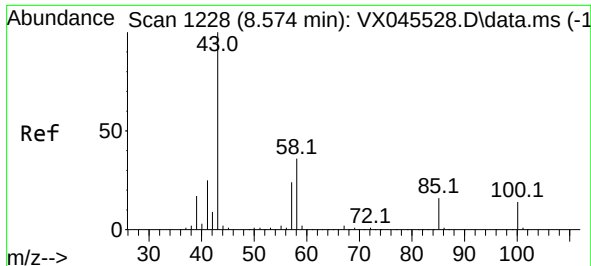
Tgt Ion: 98 Resp: 182880

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4

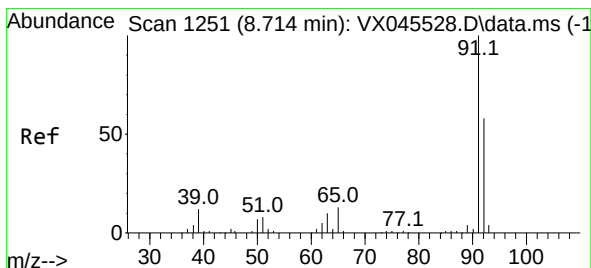
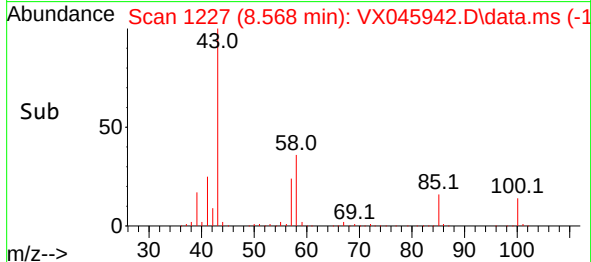
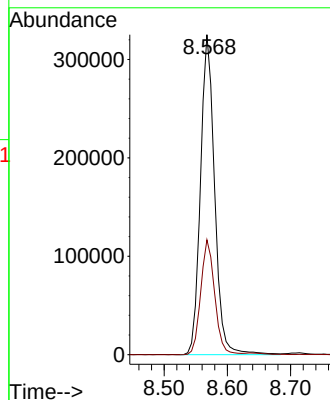
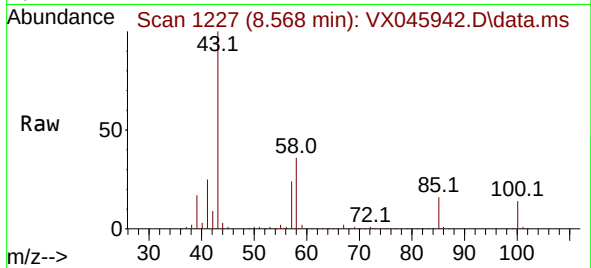




#51
4-Methyl-2-Pentanone
Concen: 280.439 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

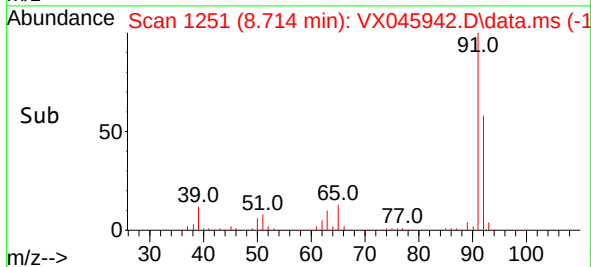
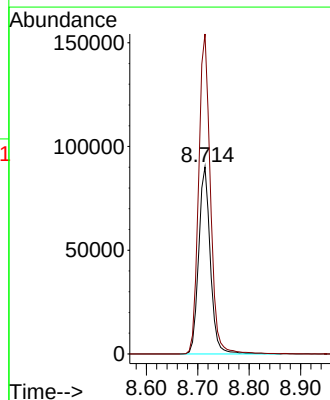
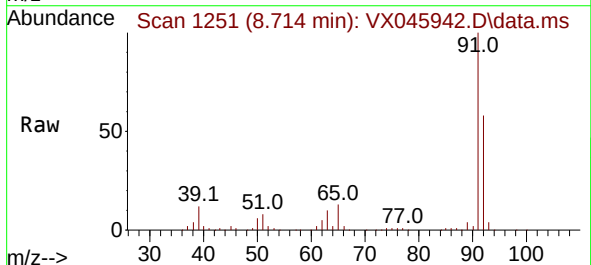
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

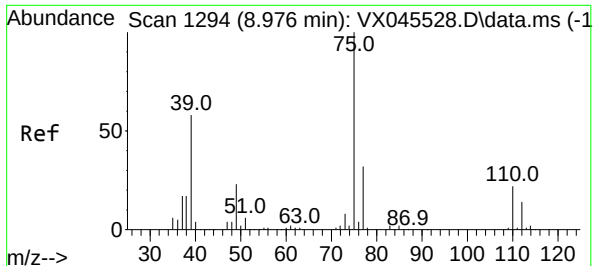
Tgt Ion: 43 Resp: 508296
Ion Ratio Lower Upper
43 100
58 35.3 28.5 42.7



#52
Toluene
Concen: 53.745 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 92 Resp: 142178
Ion Ratio Lower Upper
92 100
91 172.8 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 52.494 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

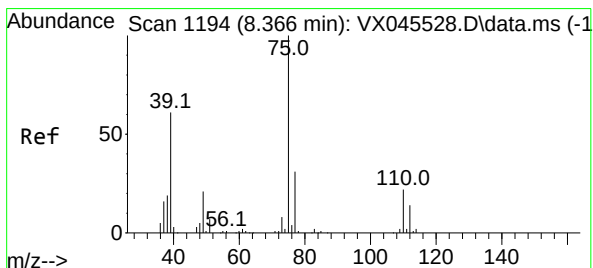
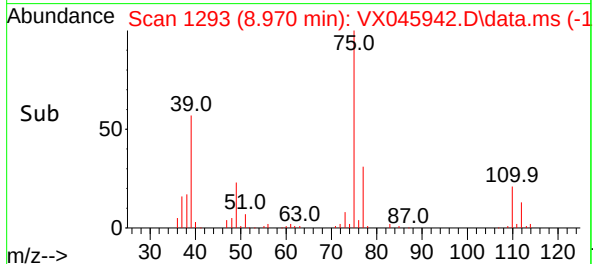
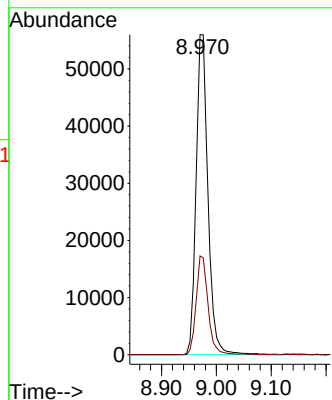
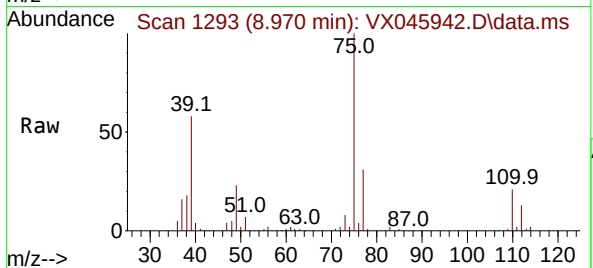
VSTDCCC050EC

Tgt Ion: 75 Resp: 84610

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 59.009 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

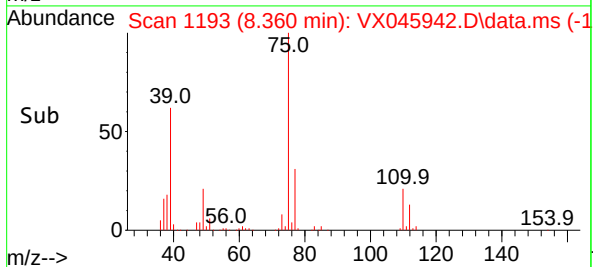
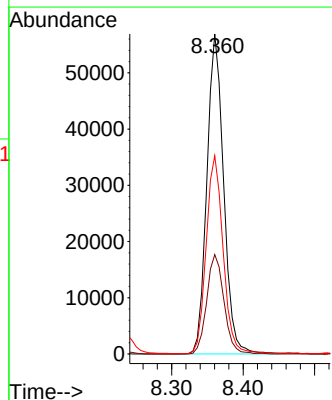
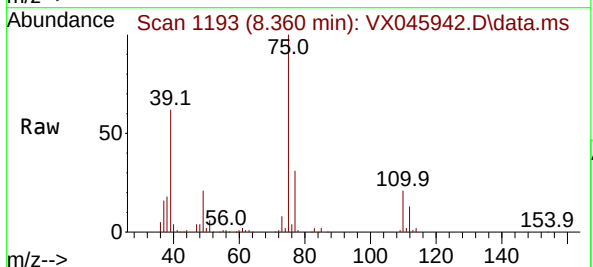
Tgt Ion: 75 Resp: 92730

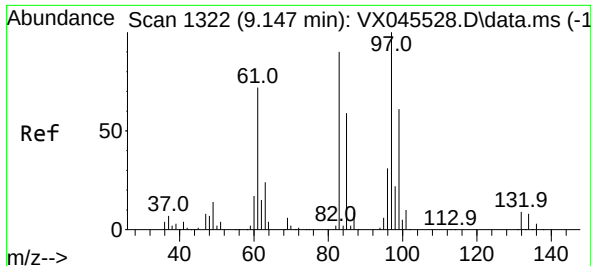
Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 61.8 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 53.915 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 56835

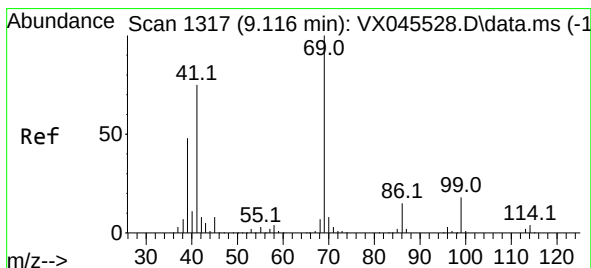
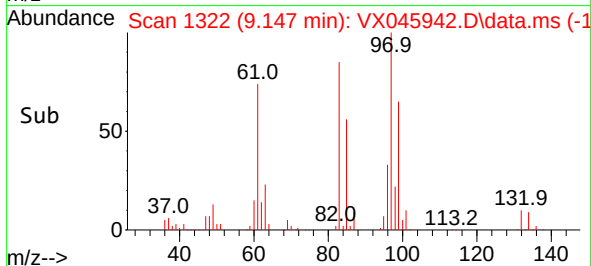
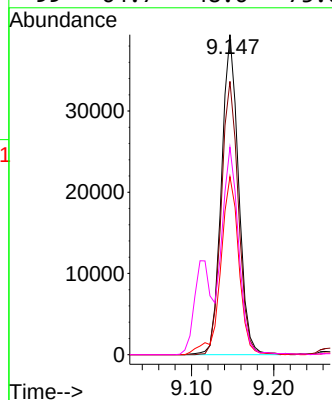
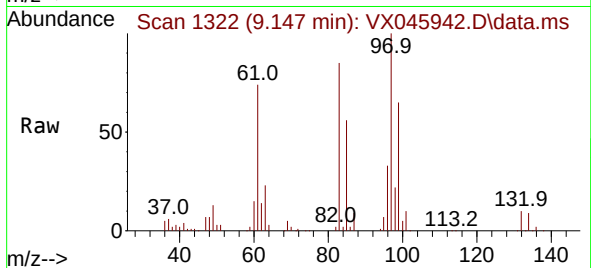
Ion Ratio Lower Upper

97 100

83 85.4 71.8 107.8

85 55.7 47.0 70.6

99 64.7 48.6 73.0



#56

Ethyl methacrylate

Concen: 57.395 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

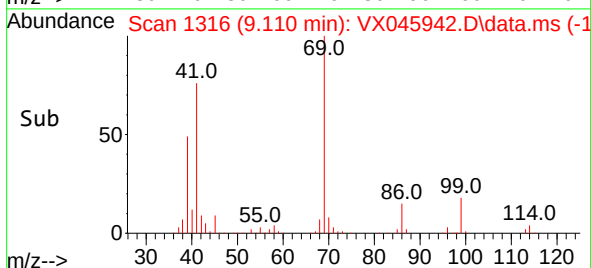
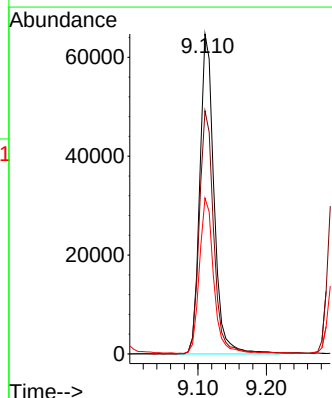
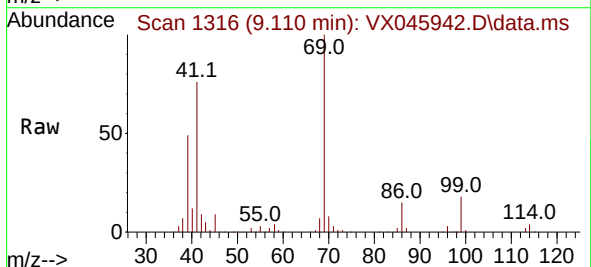
Tgt Ion: 69 Resp: 93636

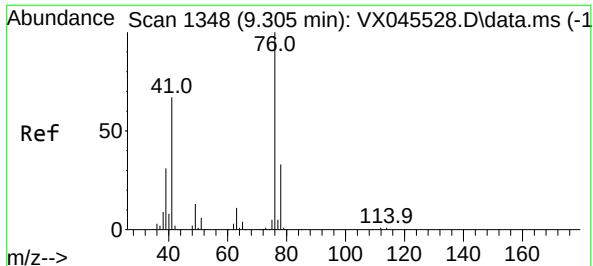
Ion Ratio Lower Upper

69 100

41 77.4 61.3 91.9

39 49.0 40.2 60.2





#57

1,3-Dichloropropane

Concen: 55.245 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

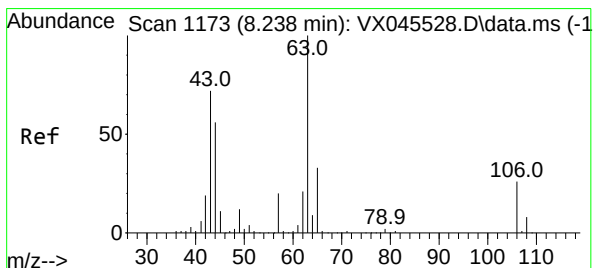
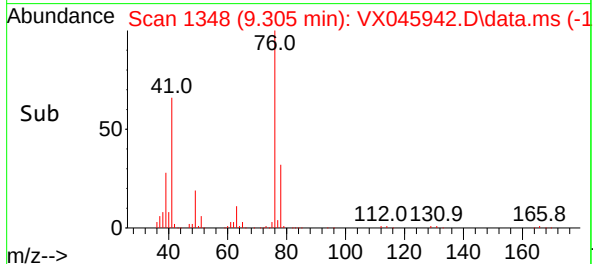
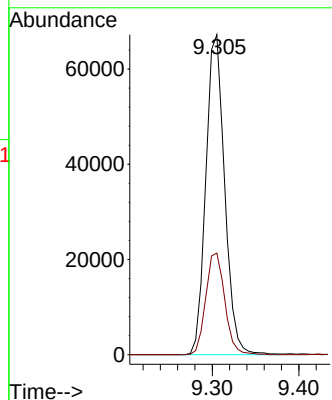
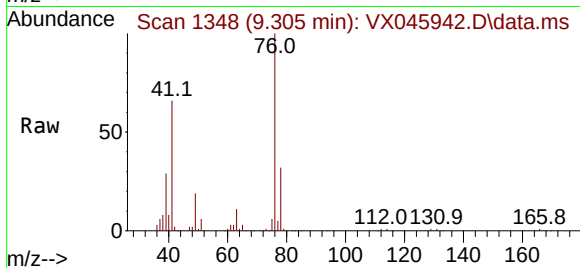
VSTDCCC050EC

Tgt Ion: 76 Resp: 101413

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 260.194 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045942.D

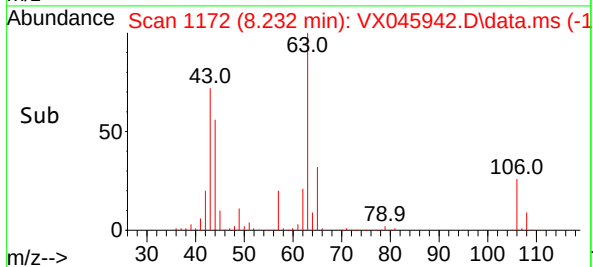
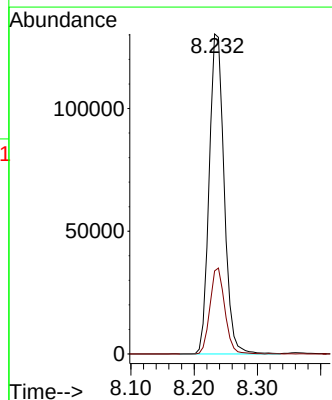
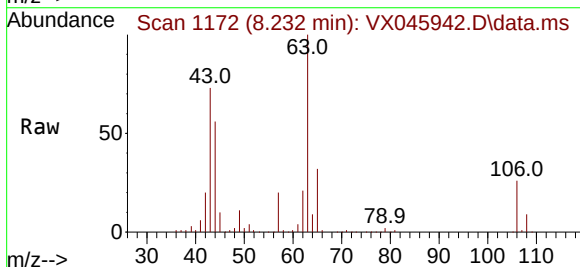
Acq: 25 Apr 2025 15:38

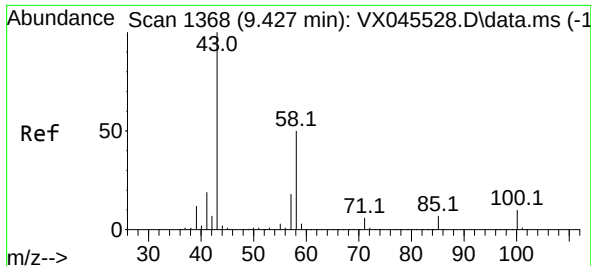
Tgt Ion: 63 Resp: 214738

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.6





#59

2-Hexanone

Concen: 279.073 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

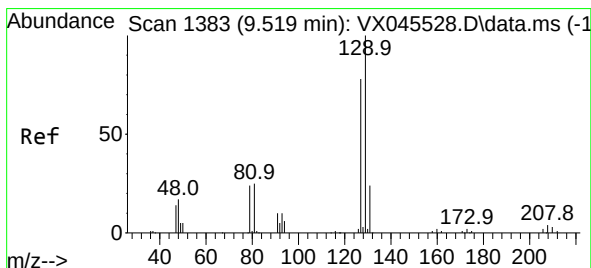
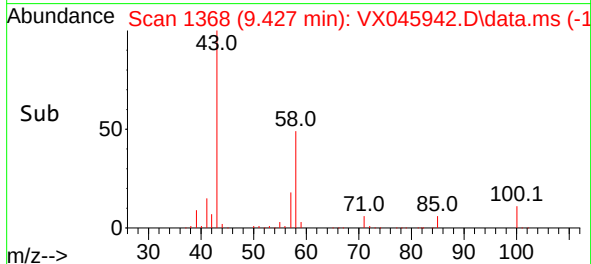
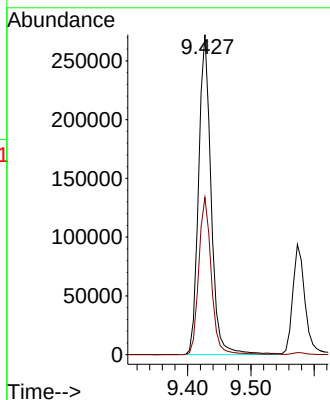
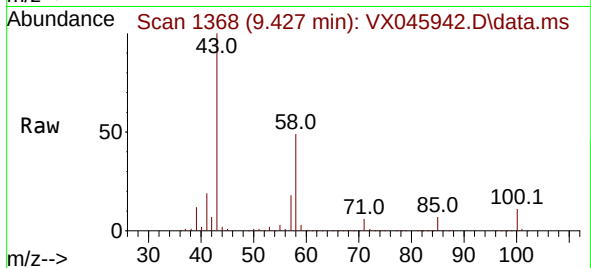
VSTDCCC050EC

Tgt Ion: 43 Resp: 374574

Ion Ratio Lower Upper

43 100

58 49.5 24.9 74.6



#60

Dibromochloromethane

Concen: 57.518 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045942.D

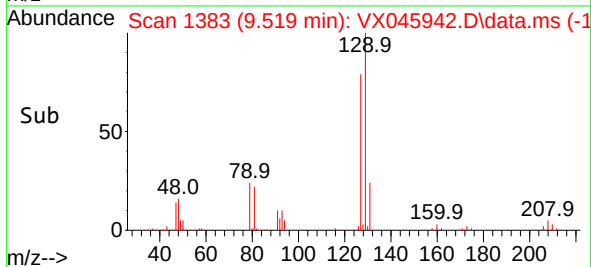
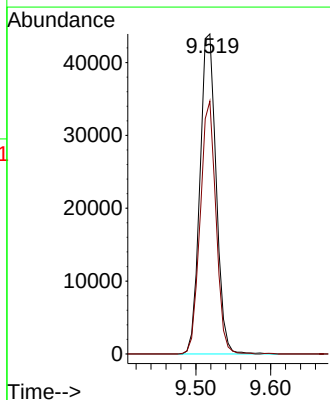
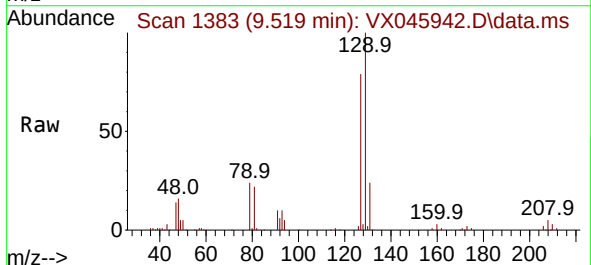
Acq: 25 Apr 2025 15:38

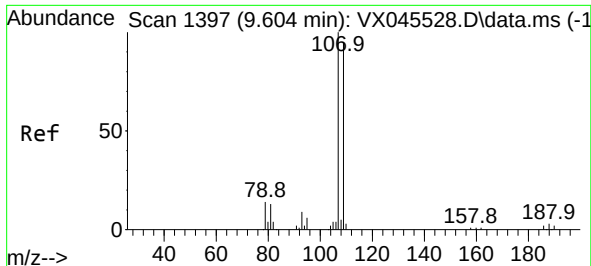
Tgt Ion: 129 Resp: 66102

Ion Ratio Lower Upper

129 100

127 76.7 39.4 118.2

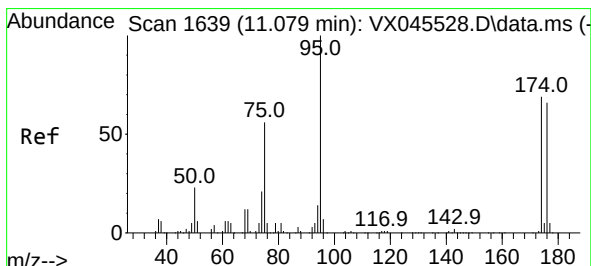
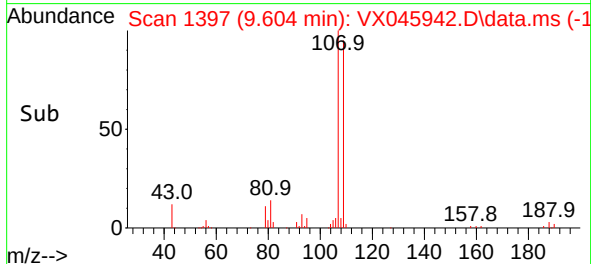
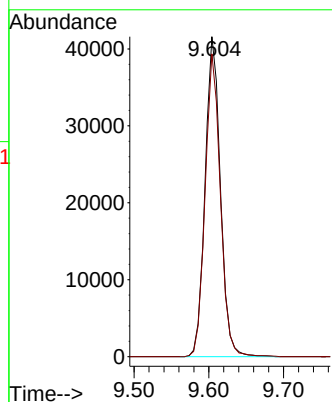
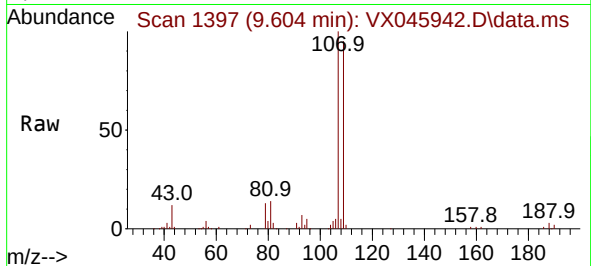




#61
1,2-Dibromoethane
Concen: 55.344 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

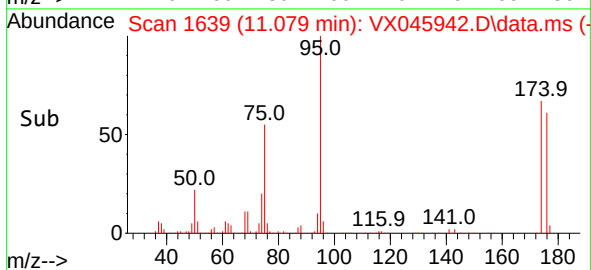
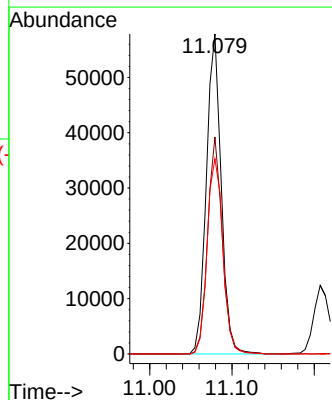
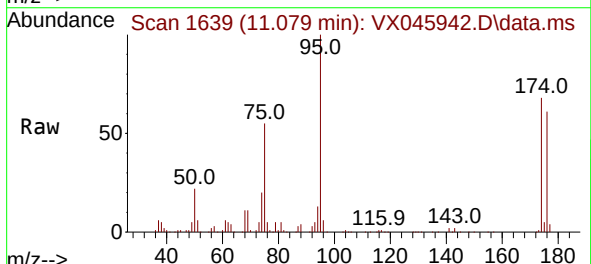
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

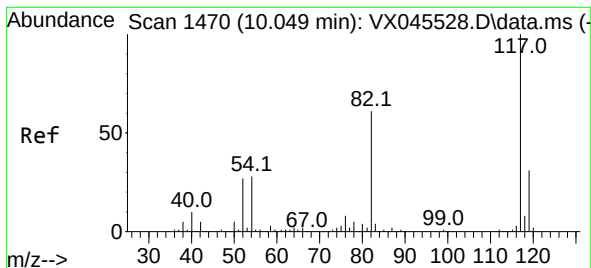
Tgt Ion:107 Resp: 59059
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 53.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 95 Resp: 72616
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.5 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: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

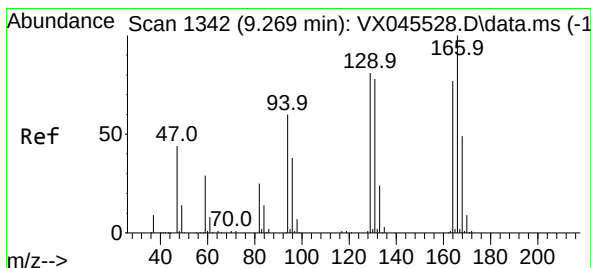
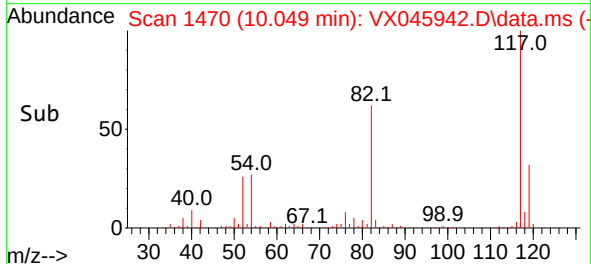
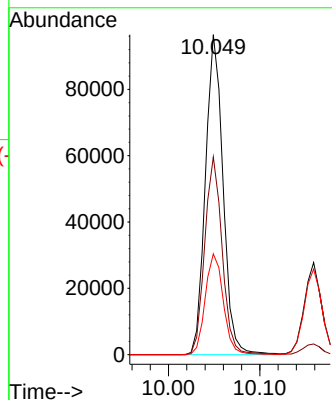
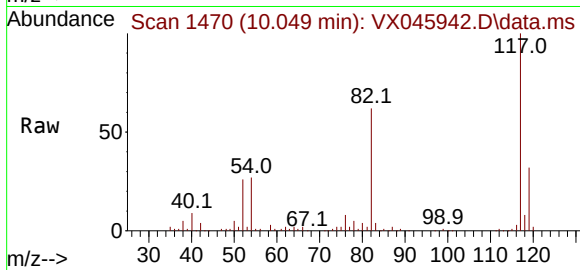
Tgt Ion:117 Resp: 129063

Ion Ratio Lower Upper

117 100

82 61.8 49.2 73.8

119 31.5 25.1 37.7



#64

Tetrachloroethene

Concen: 55.056 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Tgt Ion:164 Resp: 50168

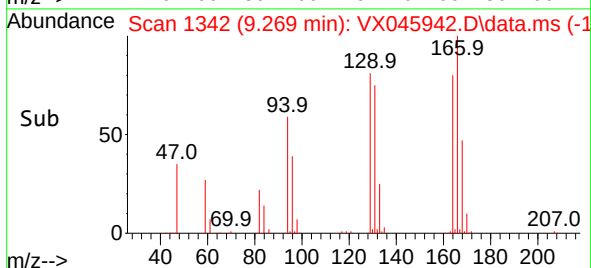
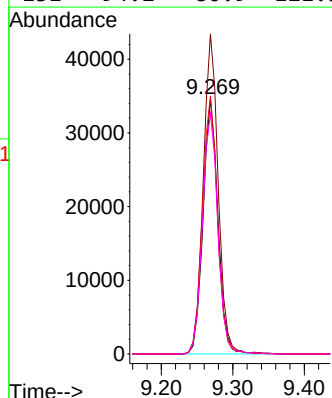
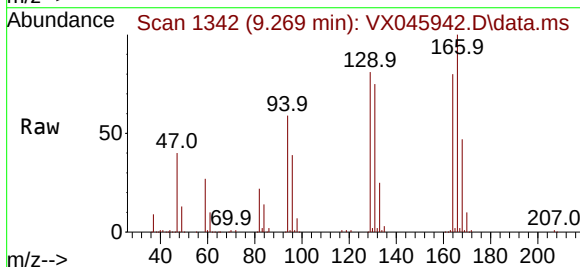
Ion Ratio Lower Upper

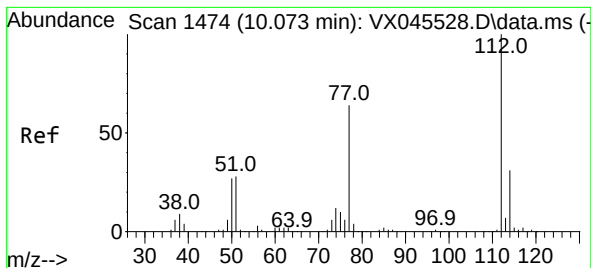
164 100

166 125.3 103.8 155.8

129 101.1 84.3 126.5

131 94.2 80.9 121.3





#65

Chlorobenzene

Concen: 55.584 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

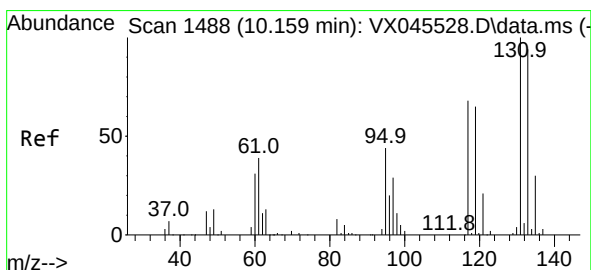
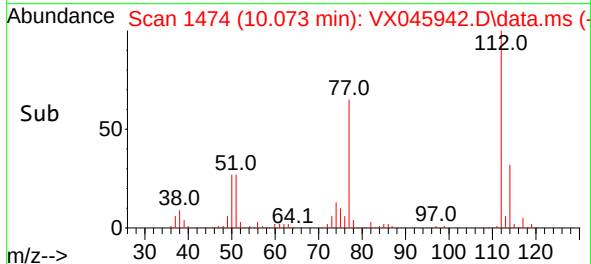
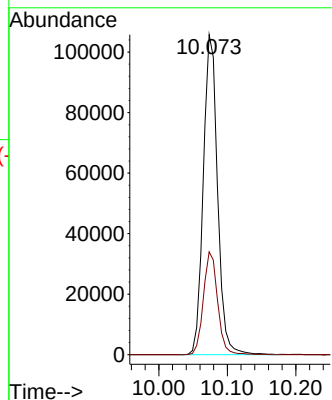
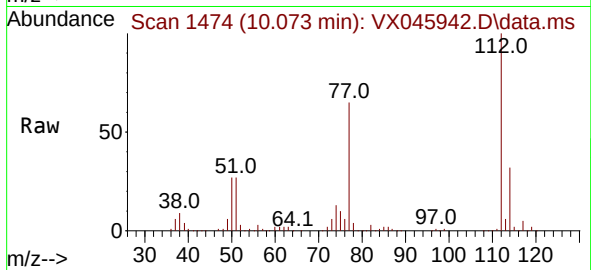
VSTDCCC050EC

Tgt Ion:112 Resp: 153293

Ion Ratio Lower Upper

112 100

114 32.2 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 55.999 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

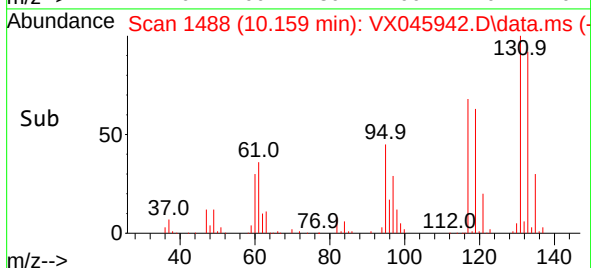
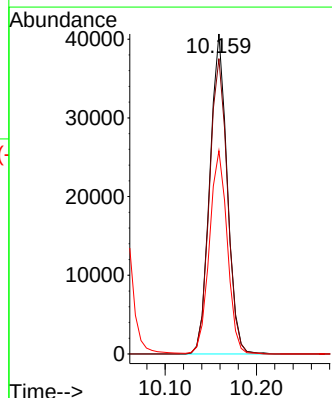
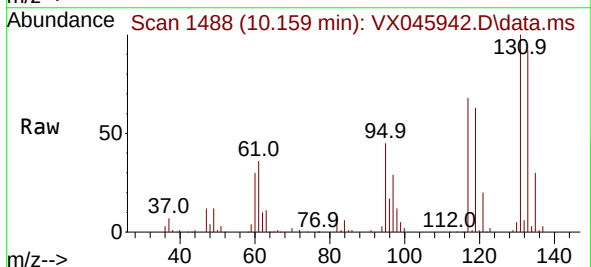
Tgt Ion:131 Resp: 53618

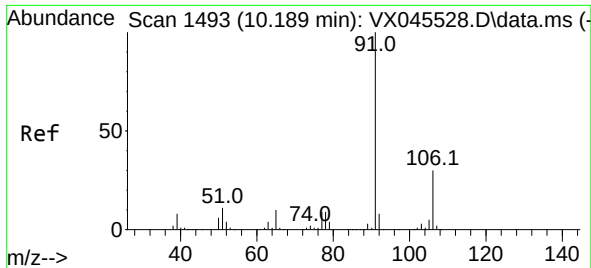
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.5

119 65.2 32.9 98.6

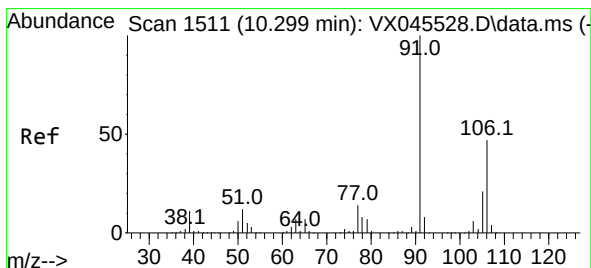
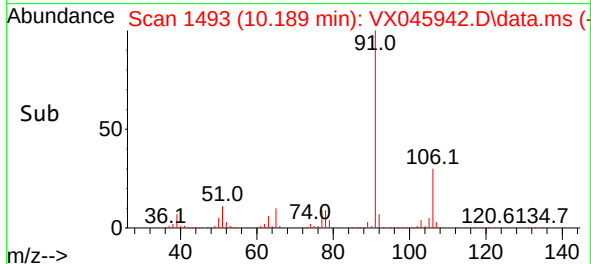
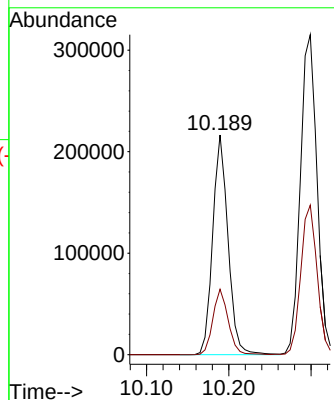
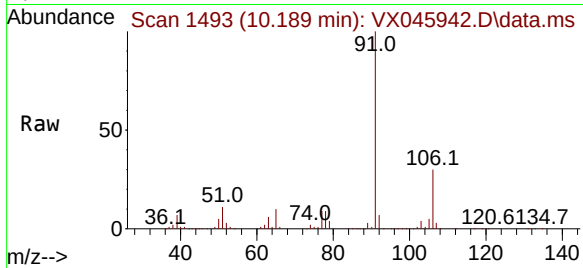




#67
Ethyl Benzene
Concen: 56.795 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

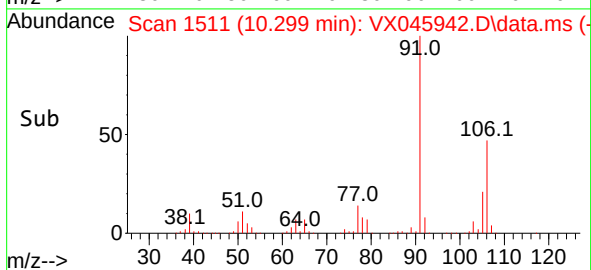
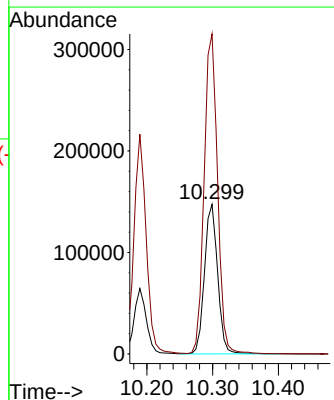
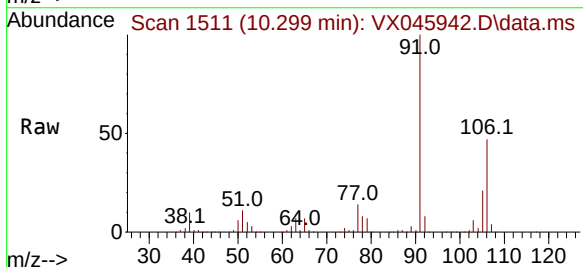
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

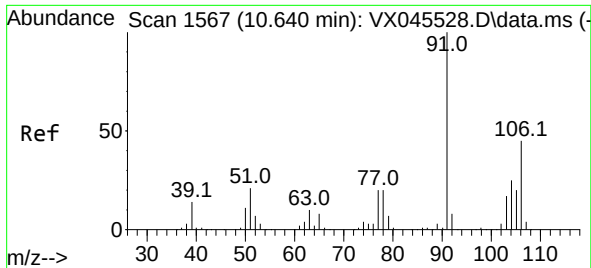
Tgt Ion: 91 Resp: 280532
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5



#68
m/p-Xylenes
Concen: 114.130 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 106 Resp: 205033
Ion Ratio Lower Upper
106 100
91 217.9 172.6 258.8

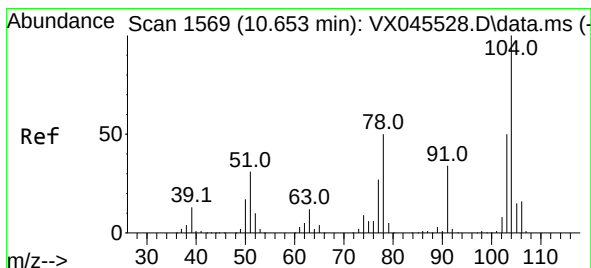
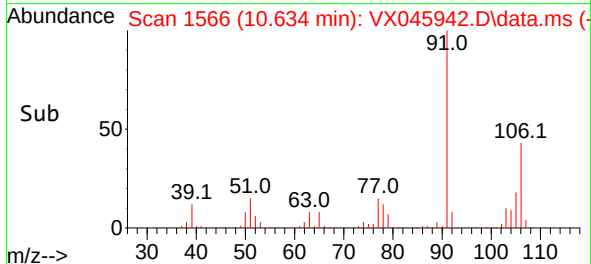
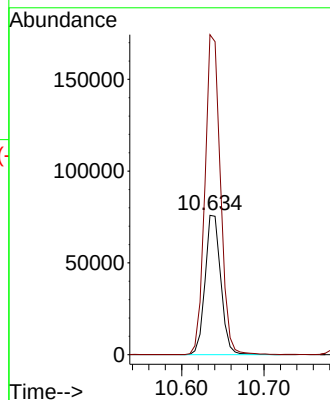
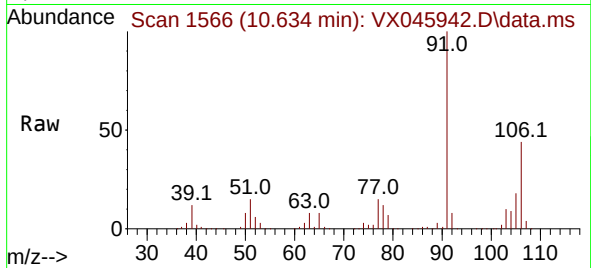




#69
o-Xylene
Concen: 56.847 ug/l
RT: 10.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

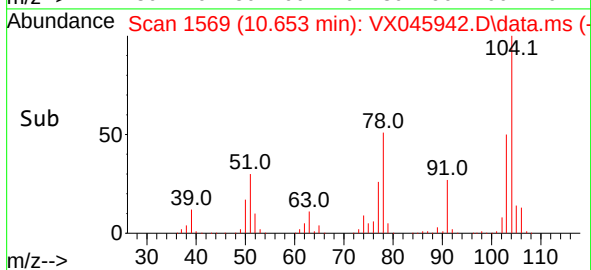
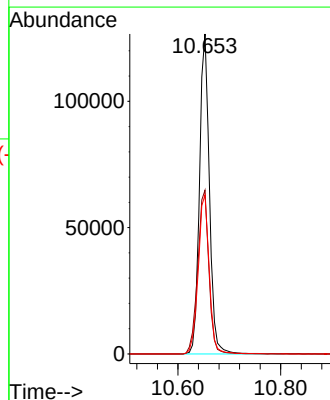
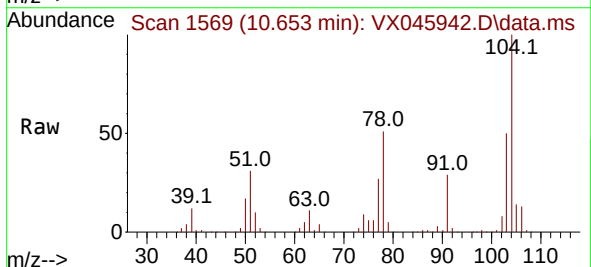
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

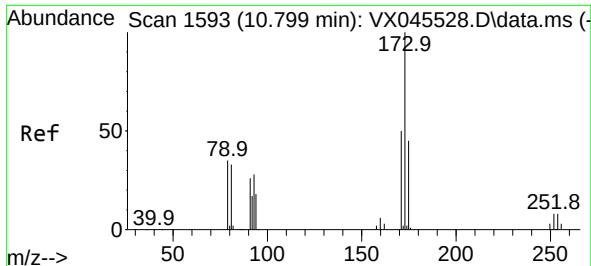
Tgt Ion:106 Resp: 100603
Ion Ratio Lower Upper
106 100
91 227.1 113.6 340.6



#70
Styrene
Concen: 58.213 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion:104 Resp: 170033
Ion Ratio Lower Upper
104 100
78 57.6 45.4 68.2
103 55.3 43.8 65.8

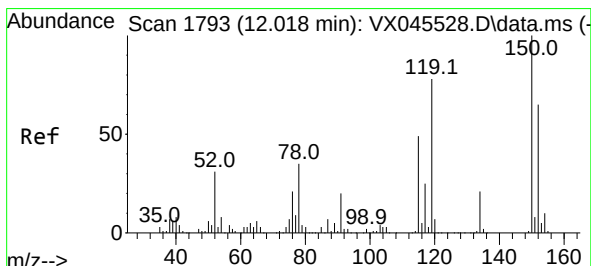
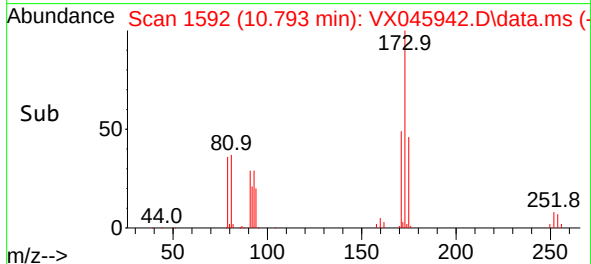
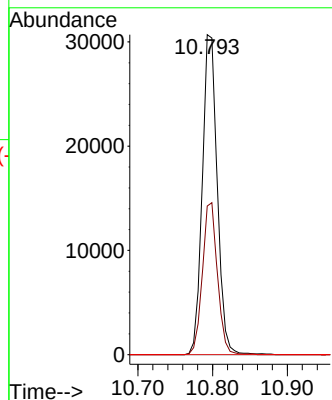
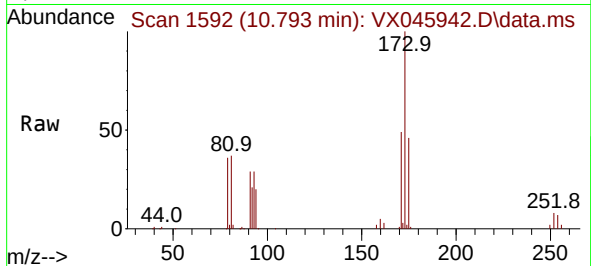




#71
Bromoform
Concen: 59.688 ug/l
RT: 10.793 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

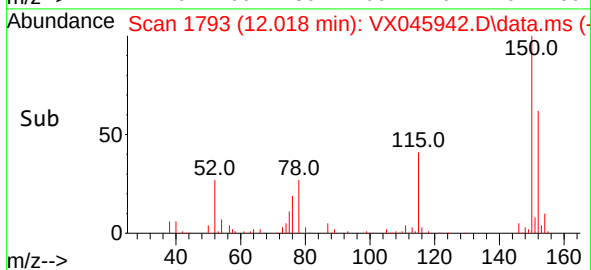
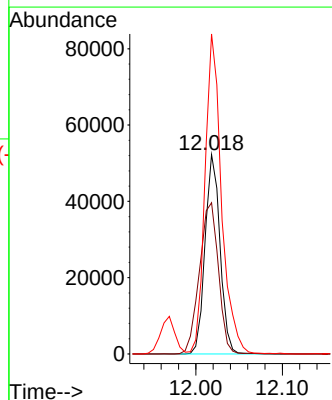
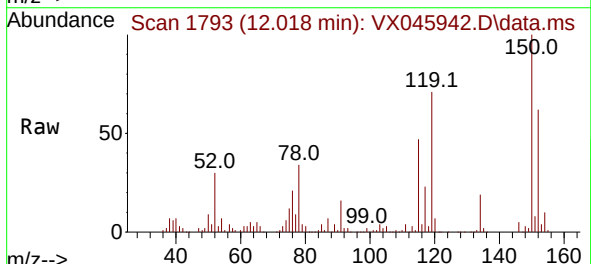
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

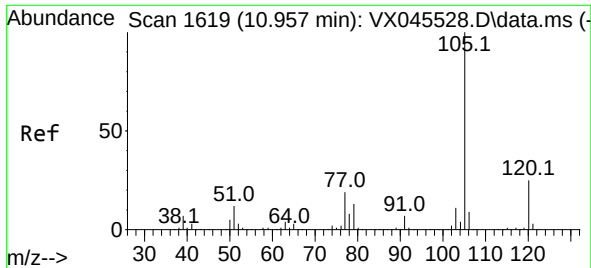
Tgt Ion:173 Resp: 42672
Ion Ratio Lower Upper
173 100
175 47.8 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion:152 Resp: 62646
Ion Ratio Lower Upper
152 100
115 96.3 46.9 140.7
150 177.8 0.0 349.4

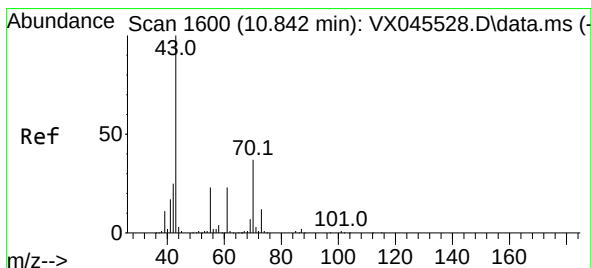
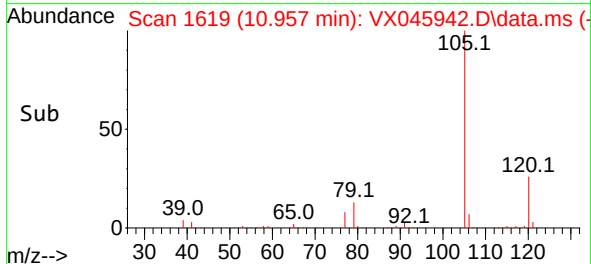
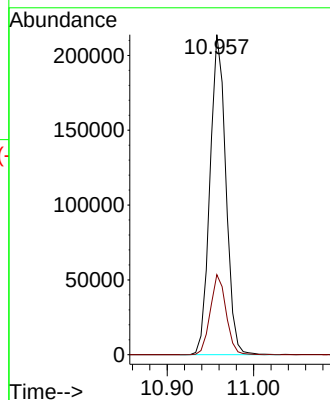
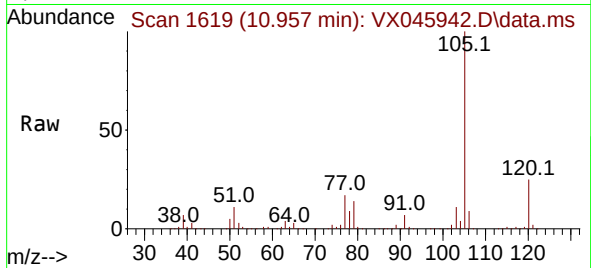




#73
Isopropylbenzene
Concen: 54.266 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

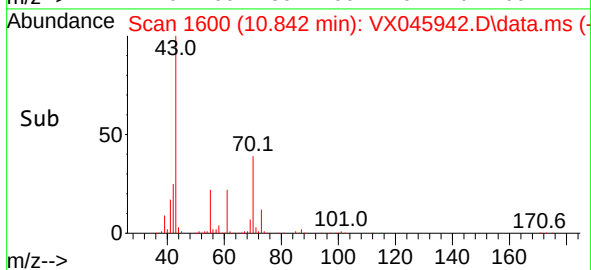
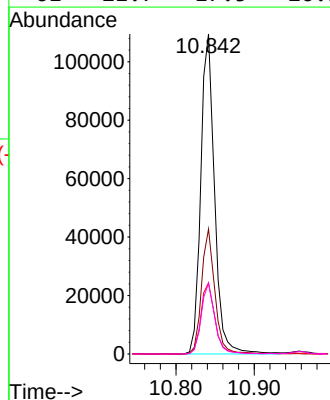
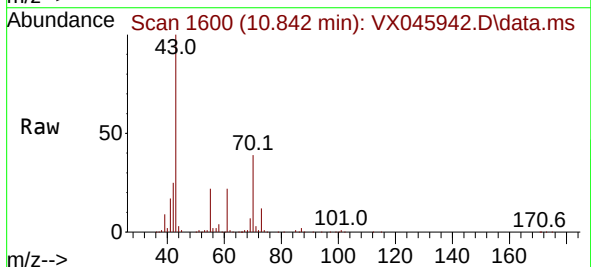
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

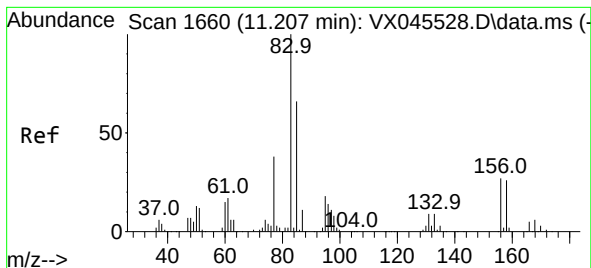
Tgt Ion:105 Resp: 272308
Ion Ratio Lower Upper
105 100
120 24.8 12.7 38.0



#74
N-ethyl acetate
Concen: 56.029 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 43 Resp: 134490
Ion Ratio Lower Upper
43 100
70 37.7 30.1 45.1
55 22.8 18.3 27.5
61 21.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.098 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

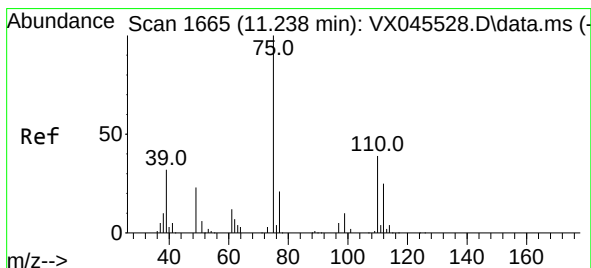
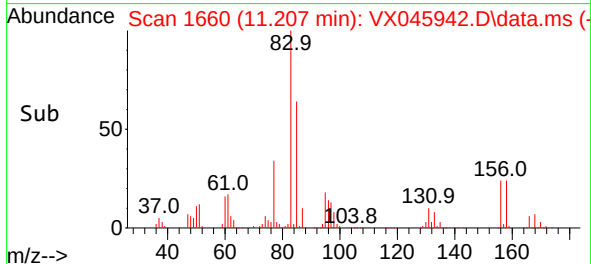
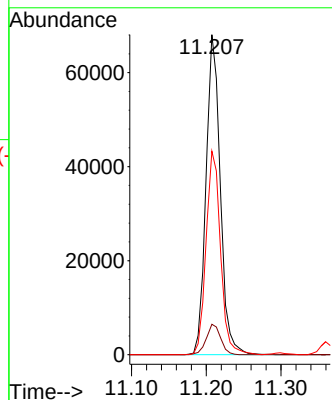
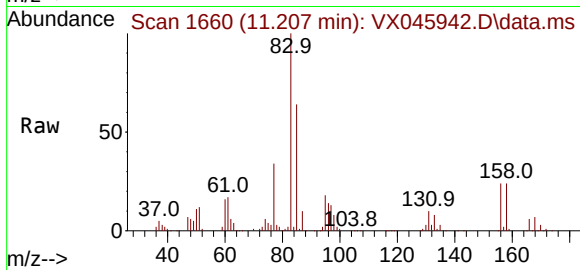
Tgt Ion: 83 Resp: 90073

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

85 64.4 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 64.540 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX045942.D

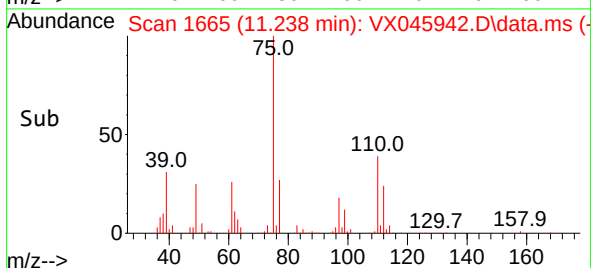
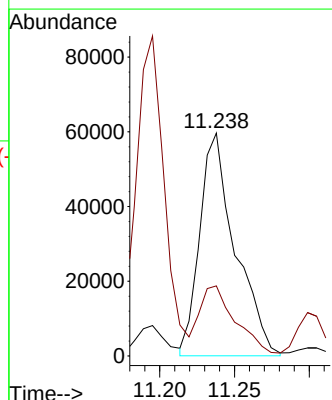
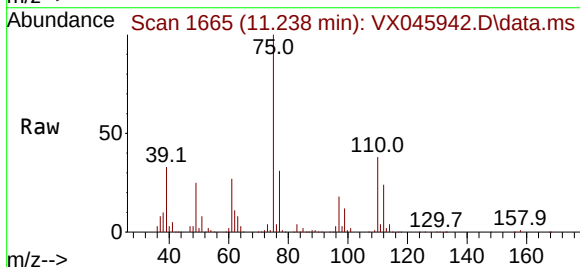
Acq: 25 Apr 2025 15:38

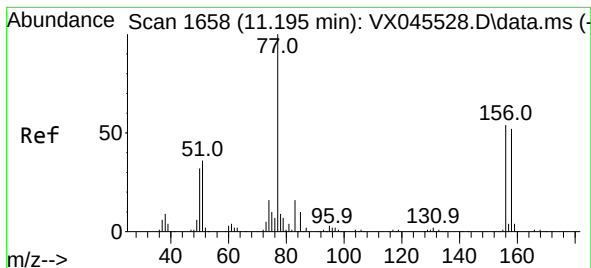
Tgt Ion: 75 Resp: 98623

Ion Ratio Lower Upper

75 100

77 32.1 20.0 59.9





#77

Bromobenzene

Concen: 51.821 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

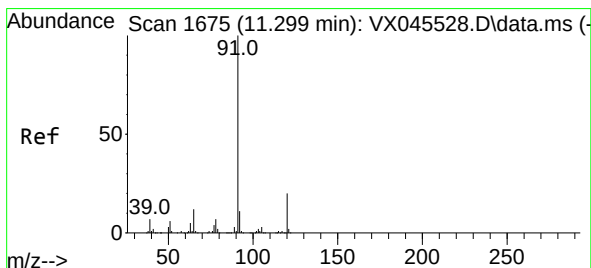
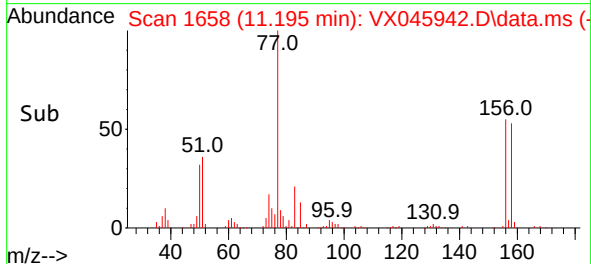
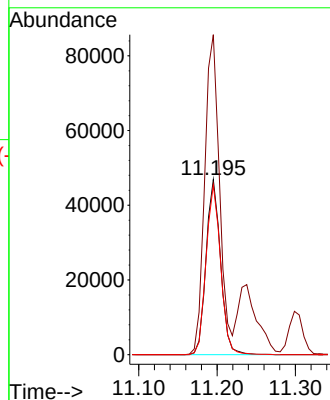
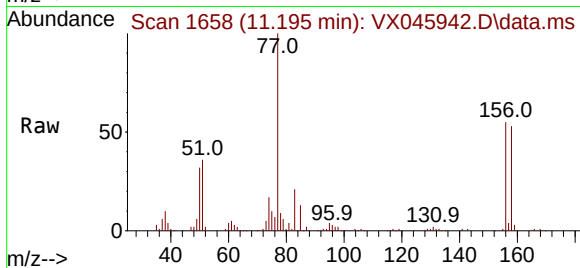
Tgt Ion:156 Resp: 60083

Ion Ratio Lower Upper

156 100

77 187.3 92.6 277.8

158 97.5 48.1 144.4



#78

n-propylbenzene

Concen: 55.542 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX045942.D

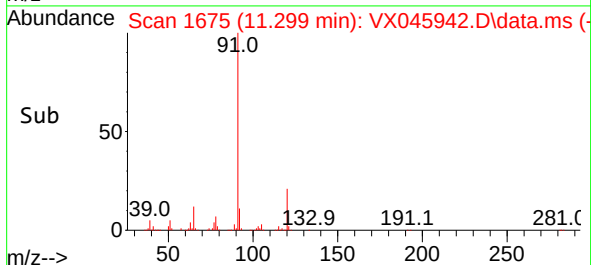
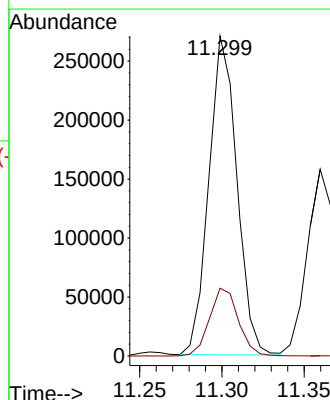
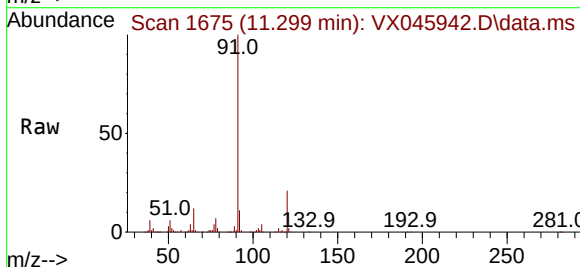
Acq: 25 Apr 2025 15:38

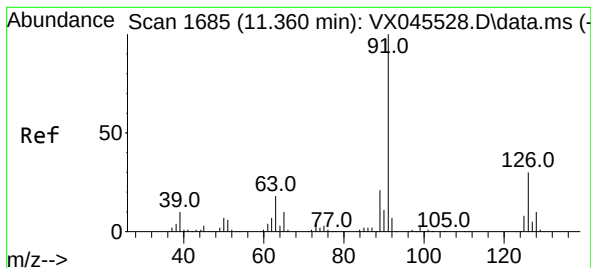
Tgt Ion: 91 Resp: 321029

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.3

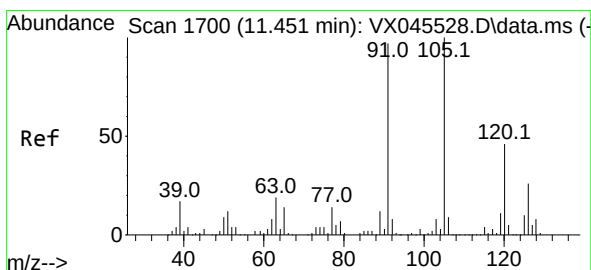
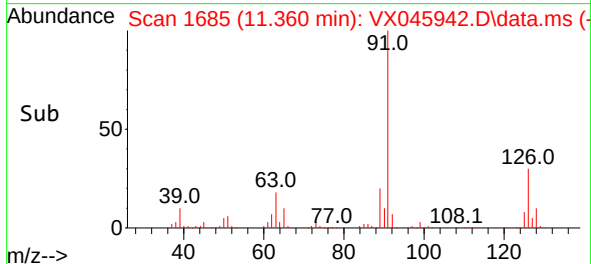
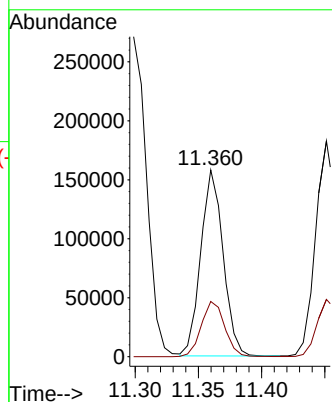
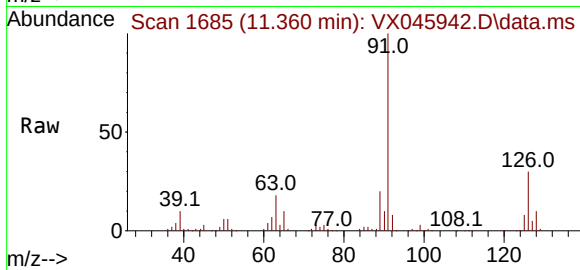




#79
2-Chlorotoluene
Concen: 52.650 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

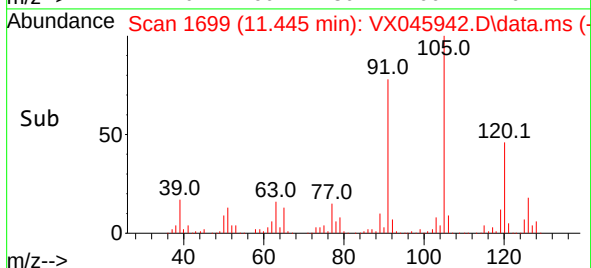
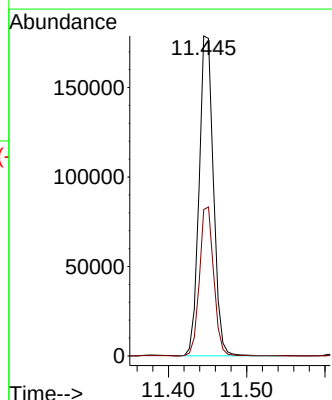
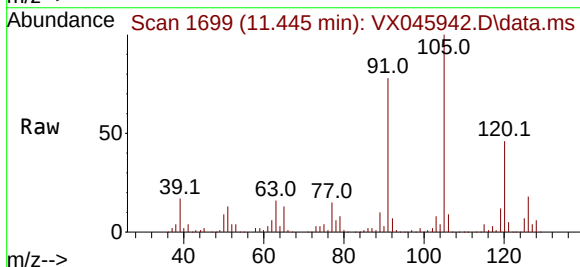
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

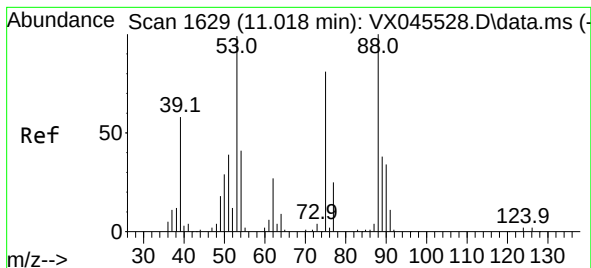
Tgt Ion: 91 Resp: 194546
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 54.946 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 105 Resp: 227997
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0

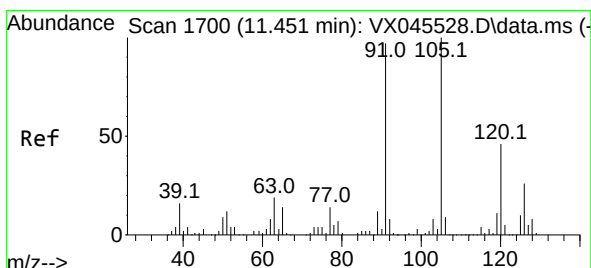
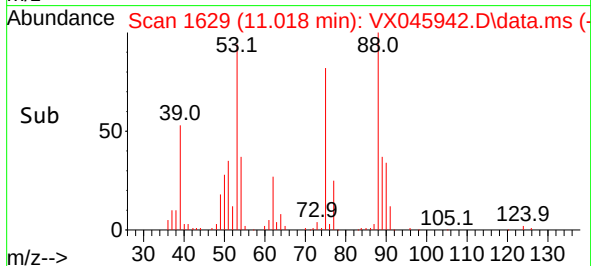
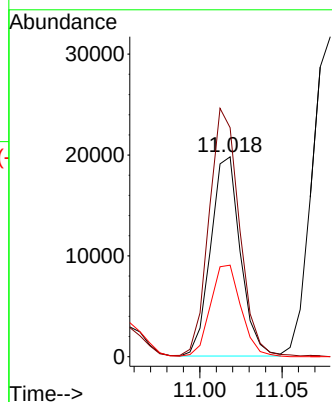
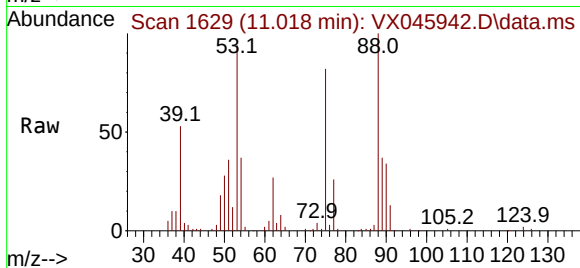




#81
trans-1,4-Dichloro-2-butene
Concen: 55.147 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

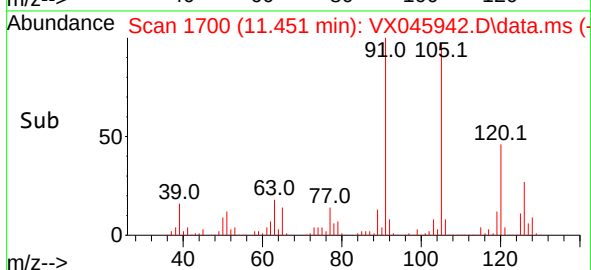
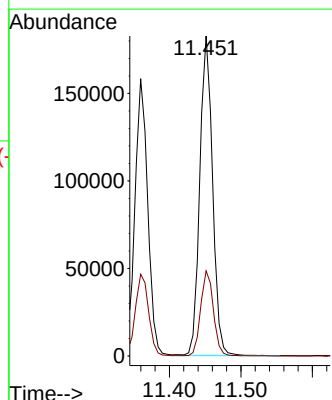
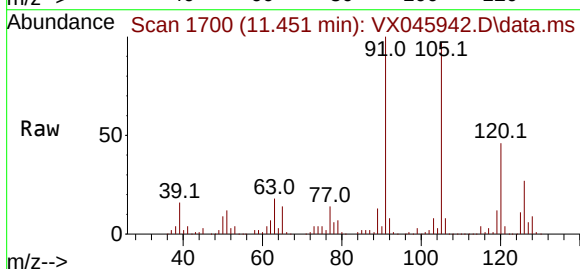
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

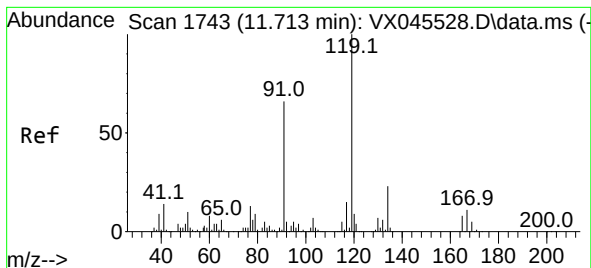
Tgt Ion: 75 Resp: 24830
Ion Ratio Lower Upper
75 100
53 127.7 101.8 152.6
89 47.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 54.934 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 91 Resp: 226319
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.9





#83

tert-Butylbenzene

Concen: 54.959 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

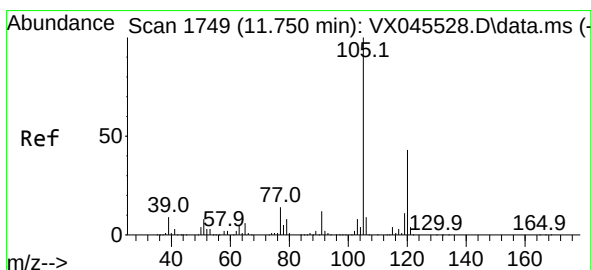
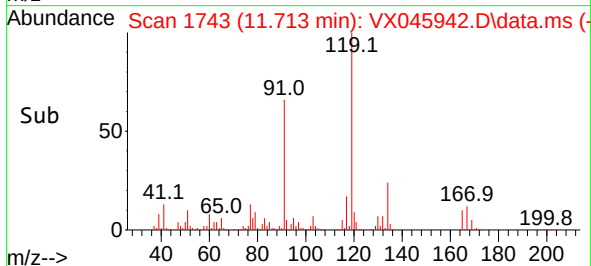
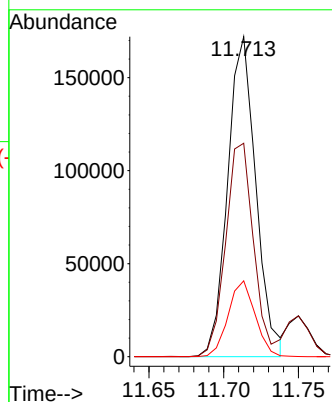
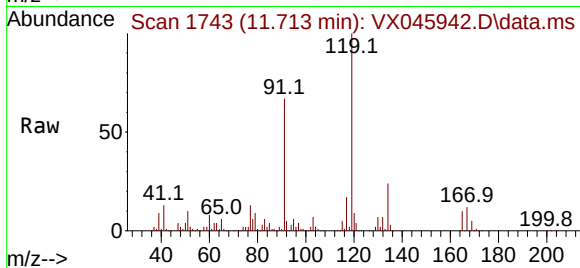
Tgt Ion:119 Resp: 225779

Ion Ratio Lower Upper

119 100

91 65.4 32.4 97.2

134 22.7 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 55.192 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045942.D

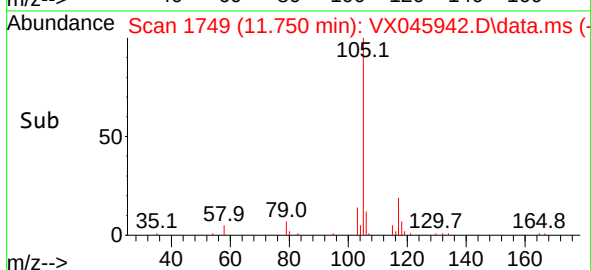
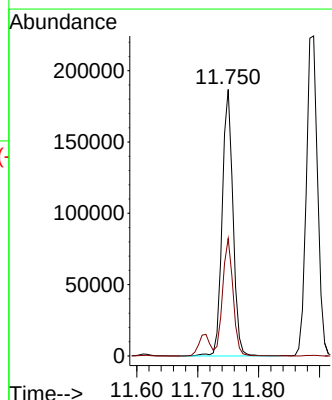
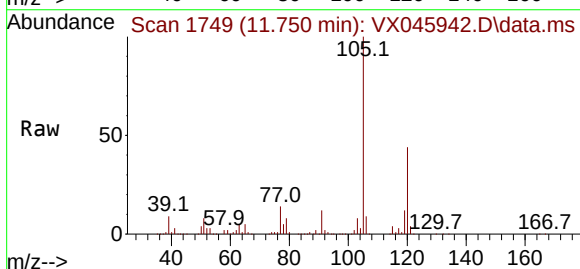
Acq: 25 Apr 2025 15:38

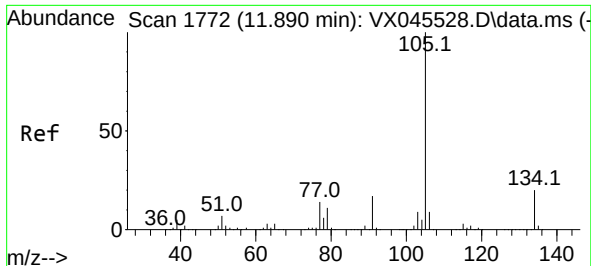
Tgt Ion:105 Resp: 229861

Ion Ratio Lower Upper

105 100

120 42.5 21.4 64.3

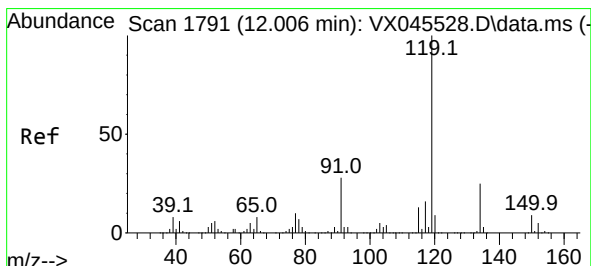
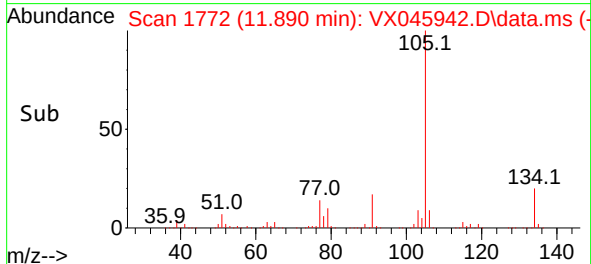
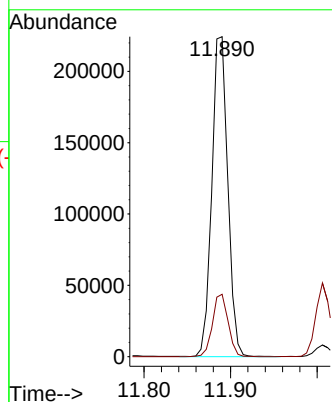
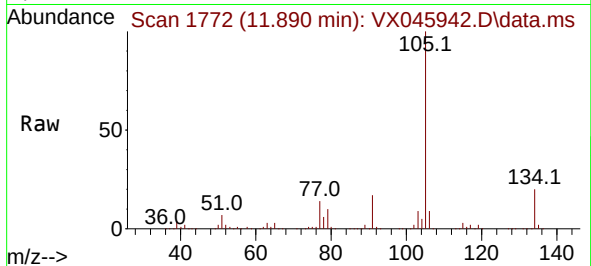




#85
 sec-Butylbenzene
 Concen: 56.815 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045942.D
 Acq: 25 Apr 2025 15:38

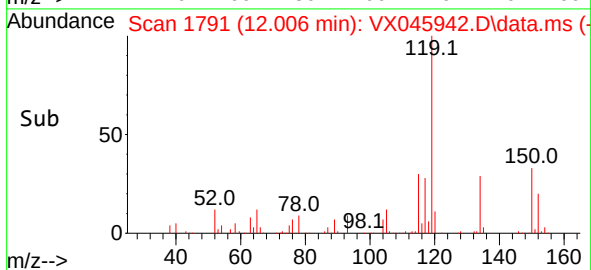
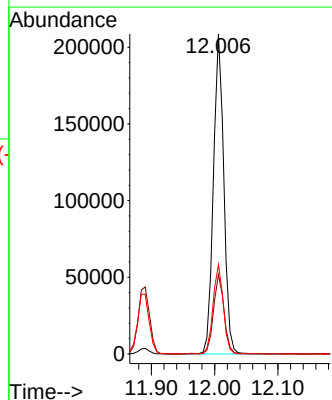
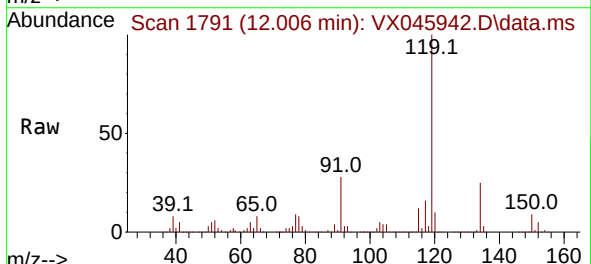
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

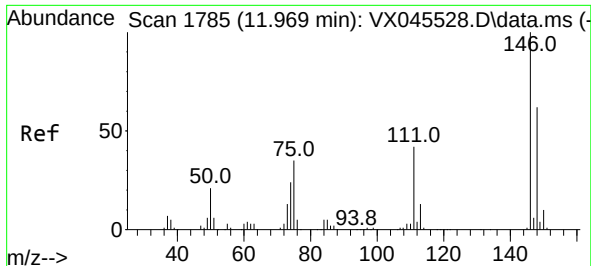
Tgt Ion:105 Resp: 286672
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 57.440 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045942.D
 Acq: 25 Apr 2025 15:38

Tgt Ion:119 Resp: 238943
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 27.5 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 53.241 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

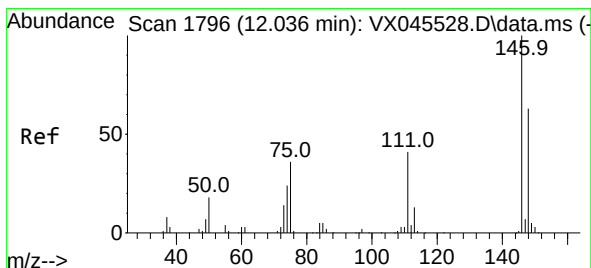
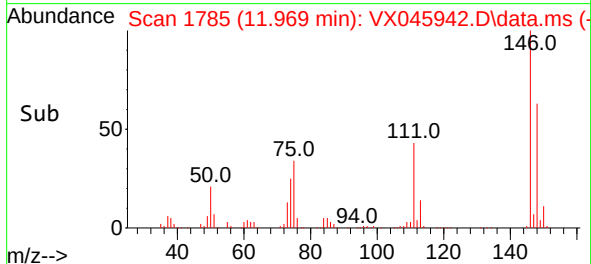
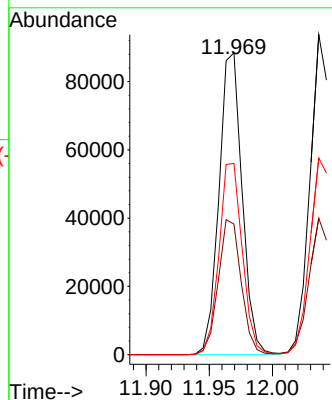
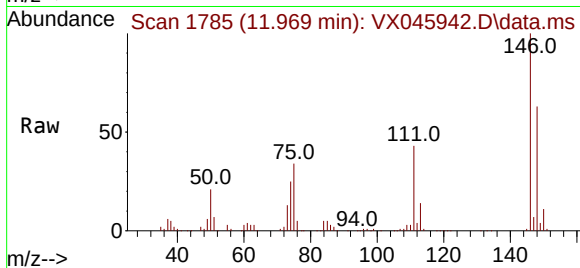
Tgt Ion:146 Resp: 112366

Ion Ratio Lower Upper

146 100

111 44.5 22.2 66.6

148 63.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 53.555 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

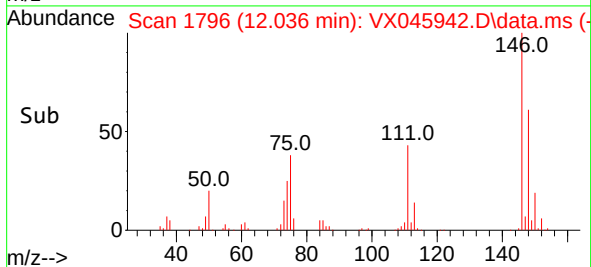
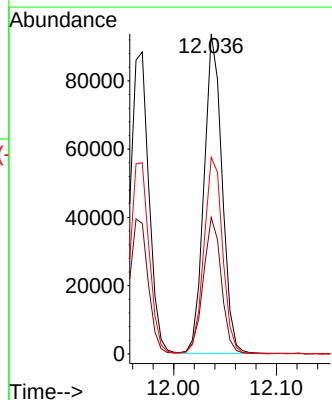
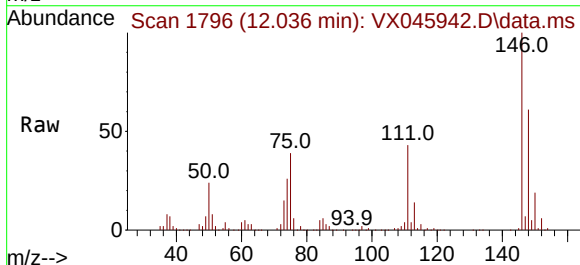
Tgt Ion:146 Resp: 114588

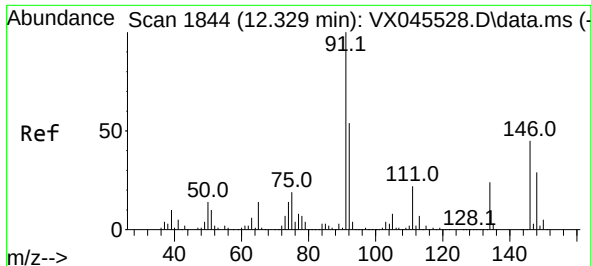
Ion Ratio Lower Upper

146 100

111 43.0 20.9 62.8

148 63.6 31.5 94.5

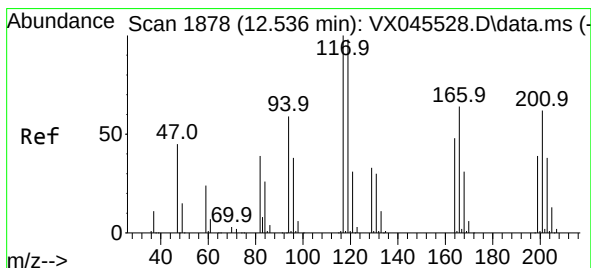
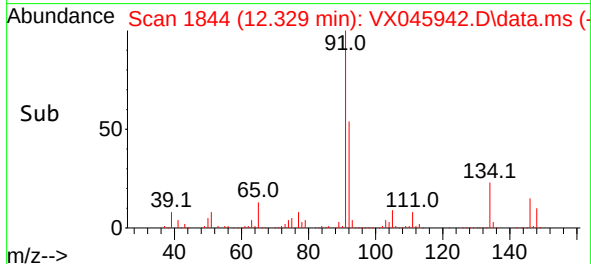
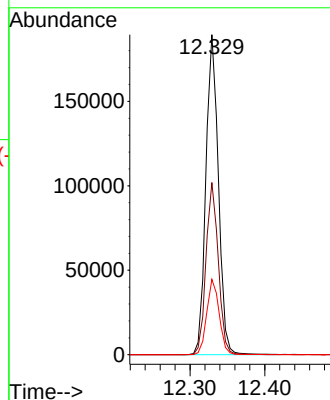
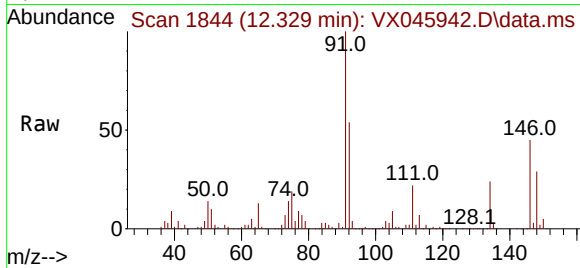




#89
n-Butylbenzene
Concen: 60.961 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

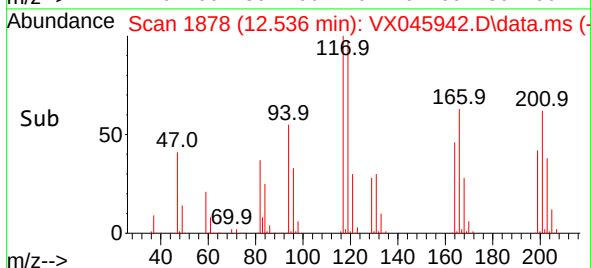
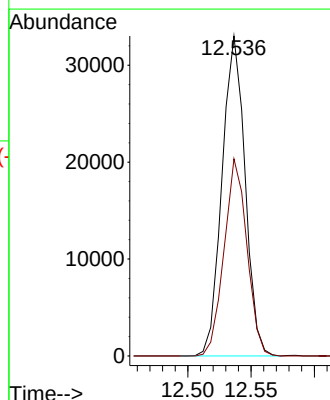
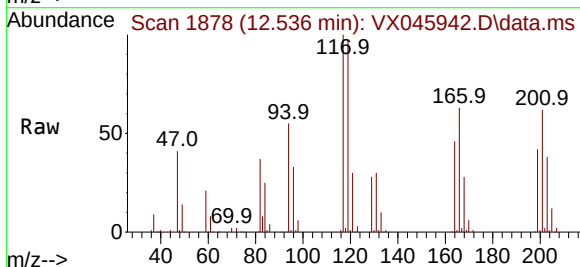
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

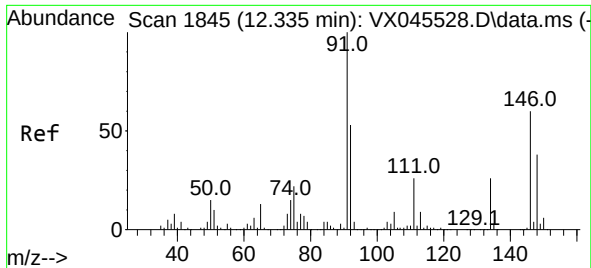
Tgt Ion: 91 Resp: 219904
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.6
134 23.4 11.9 35.7



#90
Hexachloroethane
Concen: 58.420 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 117 Resp: 41765
Ion Ratio Lower Upper
117 100
201 61.2 31.2 93.6

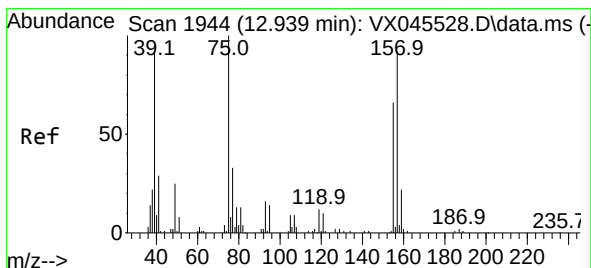
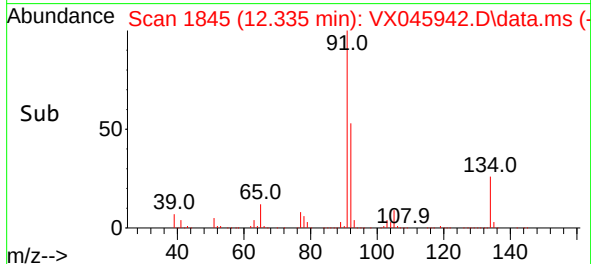
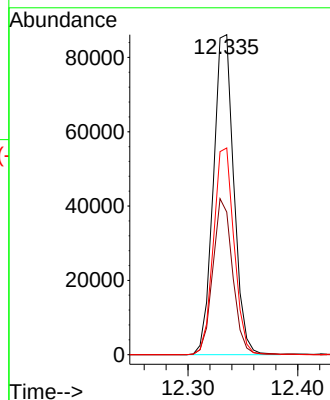
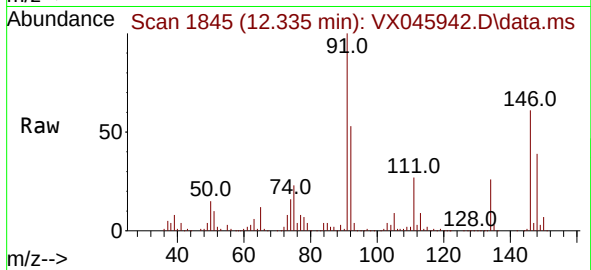




#91
1,2-Dichlorobenzene
Concen: 53.336 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

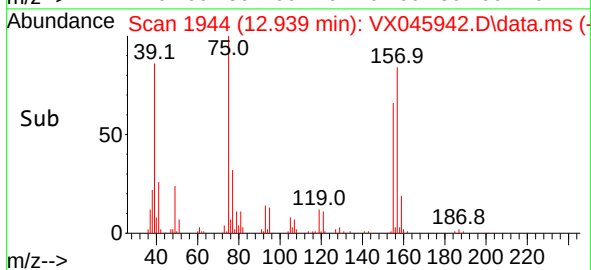
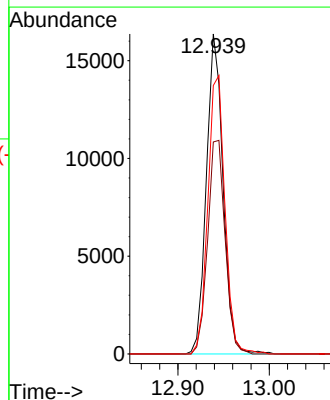
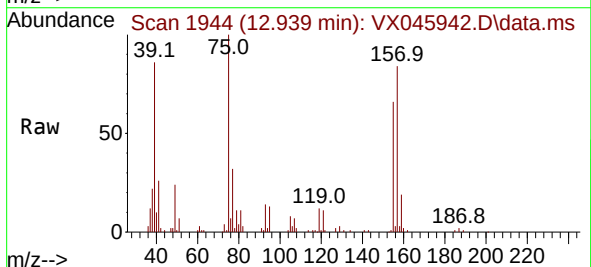
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

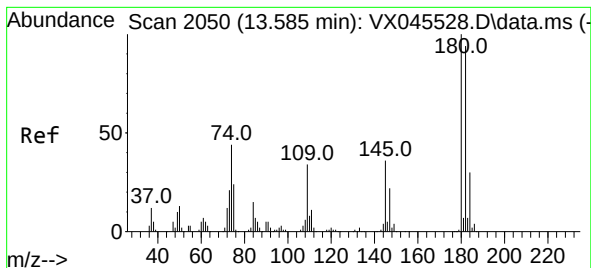
Tgt Ion:146 Resp: 111915
Ion Ratio Lower Upper
146 100
111 47.0 22.9 68.8
148 65.1 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.204 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 75 Resp: 20720
Ion Ratio Lower Upper
75 100
155 69.9 34.9 104.7
157 89.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 57.120 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

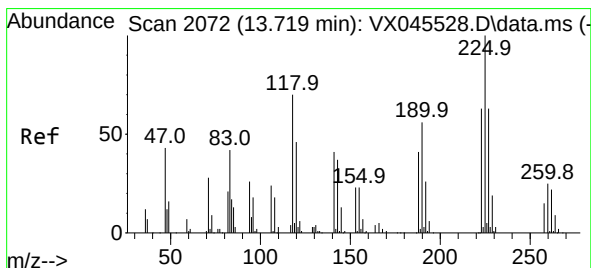
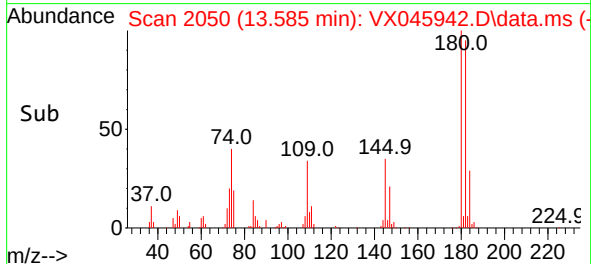
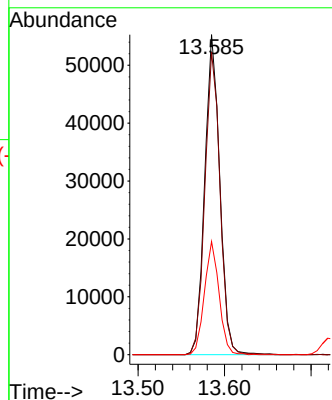
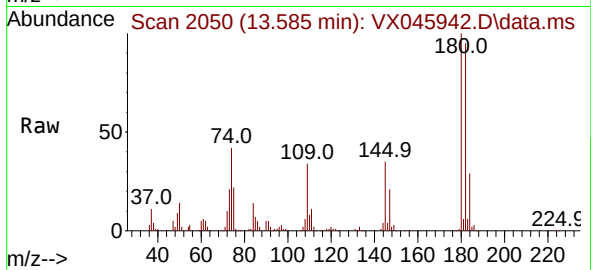
Tgt Ion:180 Resp: 66715

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 34.4 17.9 53.8



#94

Hexachlorobutadiene

Concen: 57.483 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

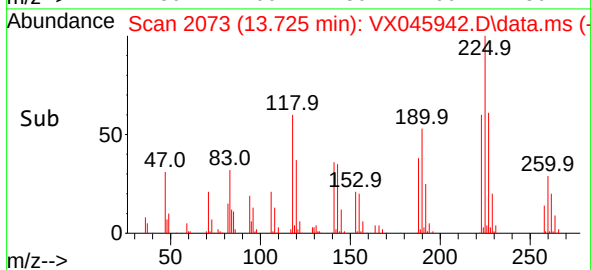
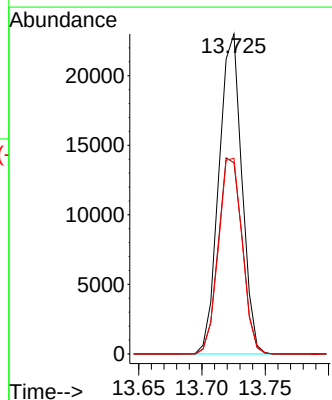
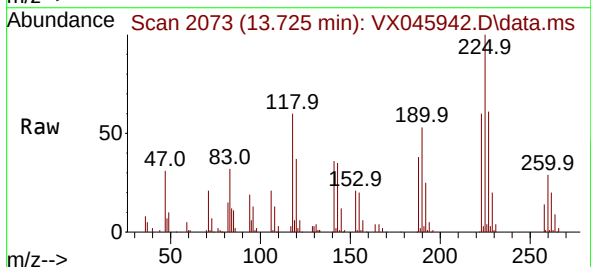
Tgt Ion:225 Resp: 28931

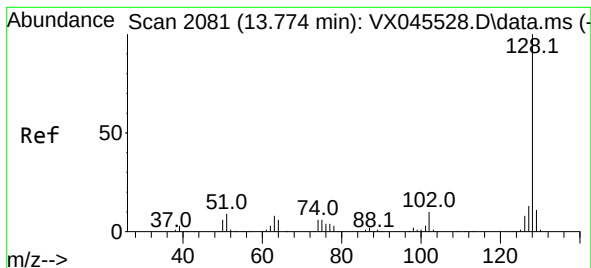
Ion Ratio Lower Upper

225 100

223 63.9 31.1 93.3

227 63.4 32.2 96.6





#95

Naphthalene

Concen: 54.283 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

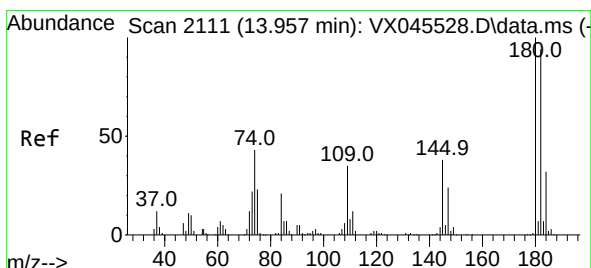
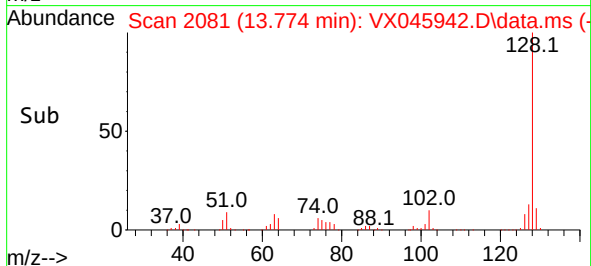
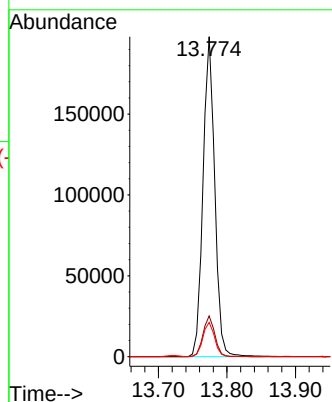
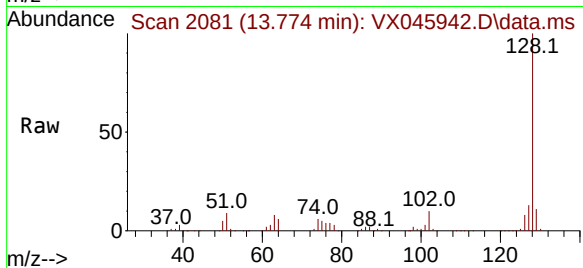
Tgt Ion:128 Resp: 235941

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 54.835 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Tgt Ion:180 Resp: 67064

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 37.0 18.2 54.6

