

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
 Data File : VX048523.D
 Acq On : 07 Nov 2025 16:08
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 08 04:42:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 04:36:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.526	168	208567	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	338972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	303810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	15533	5.345	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.680%#
35) Dibromofluoromethane	5.367	113	12508	4.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.760%#
50) Toluene-d8	8.629	98	50032	6.253	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	12.500%#
62) 4-Bromofluorobenzene	11.067	95	20155	6.759	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	13.520%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.173	85	10406	6.157	ug/l	98
3) Chloromethane	1.301	50	14899	6.647	ug/l	99
4) Vinyl Chloride	1.380	62	13292	5.237	ug/l	90
5) Bromomethane	1.612	94	10500	6.545	ug/l	96
6) Chloroethane	1.691	64	8263	4.971	ug/l	94
7) Trichlorofluoromethane	1.892	101	20571	5.123	ug/l	92
8) Diethyl Ether	2.136	74	7364	4.569	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	12355	5.315	ug/l	98
10) Methyl Iodide	2.453	142	14486	4.211	ug/l	98
11) Tert butyl alcohol	2.941	59	12432	22.575	ug/l	97
12) 1,1-Dichloroethene	2.325	96	12506	5.151	ug/l	87
13) Acrolein	2.233	56	2325	29.452	ug/l	96
14) Allyl chloride	2.660	41	21278	4.707	ug/l	98
15) Acrylonitrile	3.056	53	37815	23.523	ug/l	98
16) Acetone	2.374	43	29264	21.273	ug/l	92
17) Carbon Disulfide	2.514	76	35734	5.230	ug/l	100
18) Methyl Acetate	2.697	43	17721	4.687	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	41157	4.800	ug/l	95
20) Methylene Chloride	2.782	84	13475	4.764	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	12732	4.948	ug/l	98
22) Diisopropyl ether	3.745	45	41398	4.769	ug/l	86
23) Vinyl Acetate	3.709	43	182320	23.983	ug/l	97
24) 1,1-Dichloroethane	3.599	63	23046	4.839	ug/l	99
25) 2-Butanone	4.544	43	48107	23.639	ug/l	97
26) 2,2-Dichloropropane	4.465	77	20044	4.936	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	15087	4.796	ug/l	95
28) Bromochloromethane	4.885	49	10844	4.635	ug/l	96
29) Tetrahydrofuran	4.989	42	35526	24.509	ug/l	94
30) Chloroform	5.080	83	24285	4.939	ug/l	99
31) Cyclohexane	5.458	56	21262	5.448	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	21258	4.954	ug/l	99
36) 1,1-Dichloropropene	5.678	75	17540	5.106	ug/l	97
37) Ethyl Acetate	4.696	43	23748	4.911	ug/l	98
38) Carbon Tetrachloride	5.660	117	19518	4.991	ug/l	97
39) Methylcyclohexane	7.367	83	22362	5.797	ug/l	98
40) Benzene	6.019	78	53670	5.040	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	10139	4.768	ug/l	97
42) 1,2-Dichloroethane	6.074	62	17670	4.843	ug/l	84
43) Isopropyl Acetate	6.318	43	31170	4.585	ug/l	99
44) Trichloroethene	7.105	130	13467	5.291	ug/l	99
45) 1,2-Dichloropropane	7.409	63	12610	5.150	ug/l	93
46) Dibromomethane	7.568	93	9006	5.043	ug/l	97
47) Bromodichloromethane	7.806	83	19475	5.466	ug/l	94
48) Methyl methacrylate	7.684	41	15097	4.996	ug/l	97
49) 1,4-Dioxane	7.641	88	5049	109.654	ug/l #	93
51) 4-Methyl-2-Pentanone	8.555	43	106003	27.395	ug/l	99
52) Toluene	8.702	92	33741	6.018	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	19075	5.196	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	21118	5.556	ug/l	96
55) 1,1,2-Trichloroethane	9.135	97	12851	5.737	ug/l	93
56) Ethyl methacrylate	9.104	69	19193	5.150	ug/l	94
57) 1,3-Dichloropropane	9.293	76	21791	5.589	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	51839	26.105	ug/l	99
59) 2-Hexanone	9.415	43	77339	26.870	ug/l	94
60) Dibromochloromethane	9.500	129	15001	5.454	ug/l	96
61) 1,2-Dibromoethane	9.592	107	13604	5.607	ug/l	98
64) Tetrachloroethene	9.257	164	11143	5.050	ug/l	95
65) Chlorobenzene	10.061	112	37273	5.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	12732	5.270	ug/l	98
67) Ethyl Benzene	10.177	91	62296	5.145	ug/l	99
68) m/p-Xylenes	10.287	106	49879	10.937	ug/l	95
69) o-Xylene	10.622	106	22635	5.073	ug/l	100
70) Styrene	10.640	104	37132	4.961	ug/l	97
71) Bromoform	10.781	173	10686	4.794	ug/l #	99
73) Isopropylbenzene	10.945	105	58325	5.170	ug/l	99
74) N-amyl acetate	10.823	43	27391	4.836	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	20004	5.028	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	23529	7.101	ug/l	77
77) Bromobenzene	11.183	156	15047	5.165	ug/l	97
78) n-propylbenzene	11.287	91	70141	5.288	ug/l	98
79) 2-Chlorotoluene	11.348	91	41753	5.209	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	49434	5.375	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	6086	4.649	ug/l #	68
82) 4-Chlorotoluene	11.439	91	48714	5.181	ug/l	98
83) tert-Butylbenzene	11.695	119	50724	5.333	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	49620	5.348	ug/l	98
85) sec-Butylbenzene	11.872	105	63911	5.436	ug/l	99
86) p-Isopropyltoluene	11.994	119	53619	5.425	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	27829	5.097	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	29566	5.367	ug/l	94
89) n-Butylbenzene	12.311	91	48406	5.221	ug/l	99
90) Hexachloroethane	12.518	117	9577	5.086	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	27650	5.275	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	4451	4.814	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	17890	5.137	ug/l	96
94) Hexachlorobutadiene	13.707	225	7776	5.341	ug/l	96
95) Naphthalene	13.756	128	55759	4.979	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	16279	5.025	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

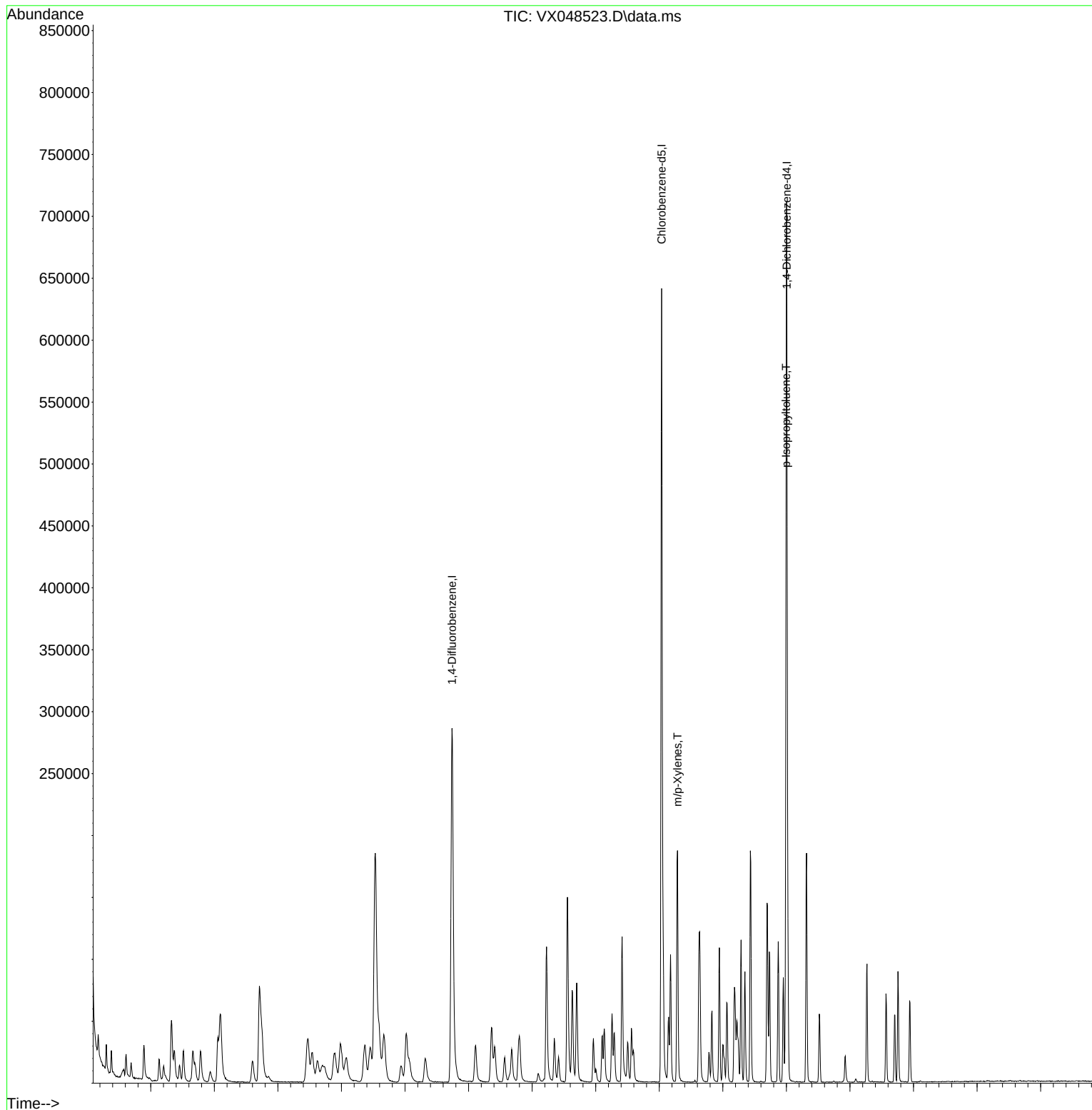
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

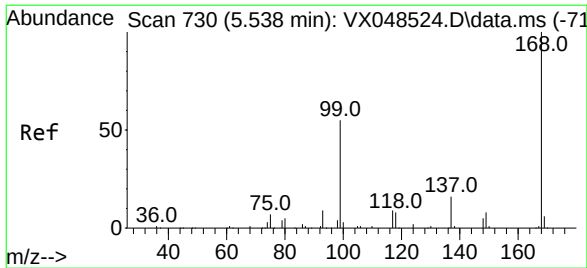
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
VSTDICC005

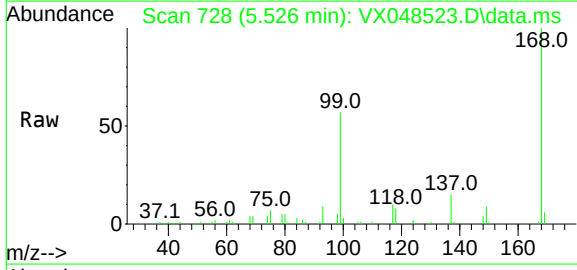
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Quant Title : SW846 8260
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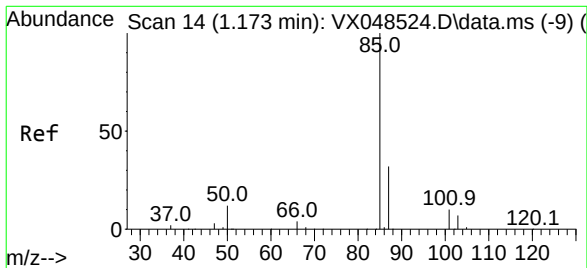
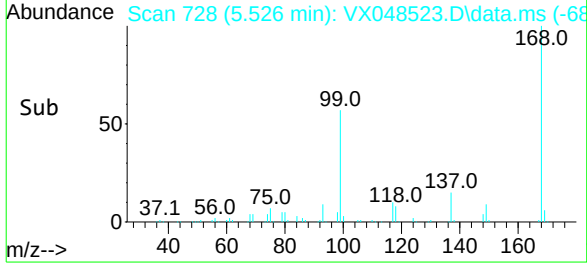
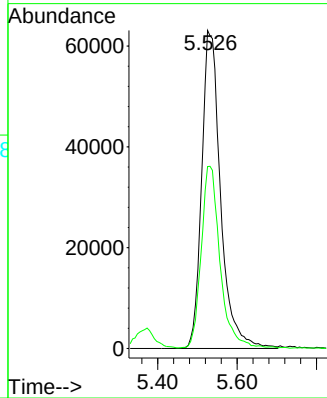


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.526 min Scan# 72
Delta R.T. -0.012 min
Lab File: VX048523.D
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ClientSampleId :
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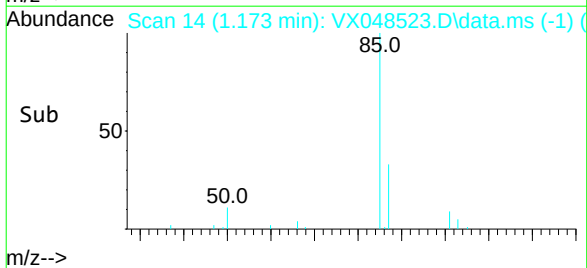
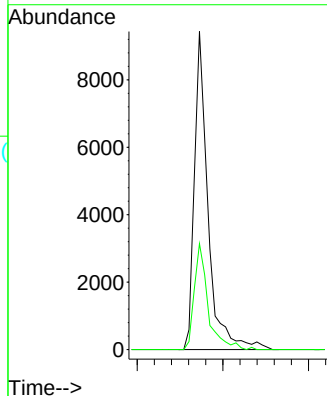
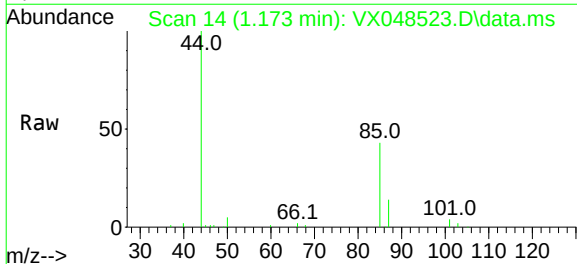


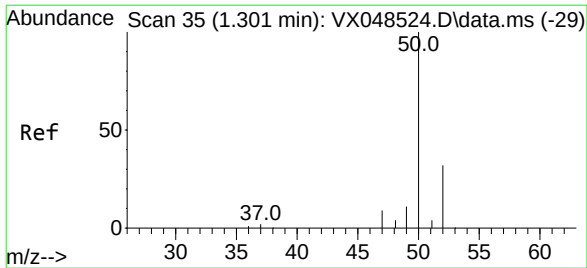
Tgt Ion:168 Resp: 208567
Ion Ratio Lower Upper
168 100
99 57.0 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 6.157 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 85 Resp: 10406
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6

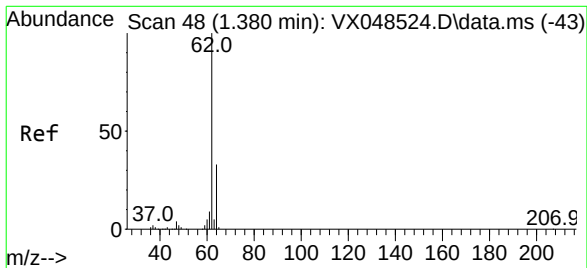
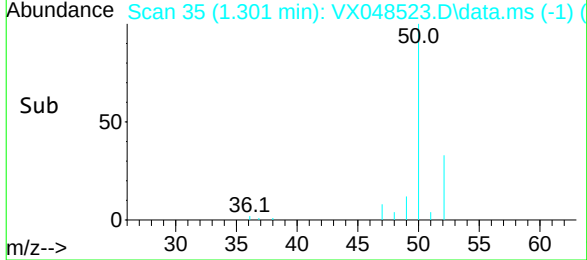
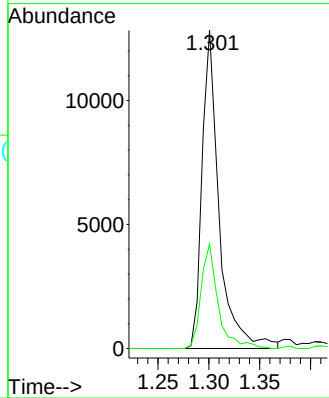
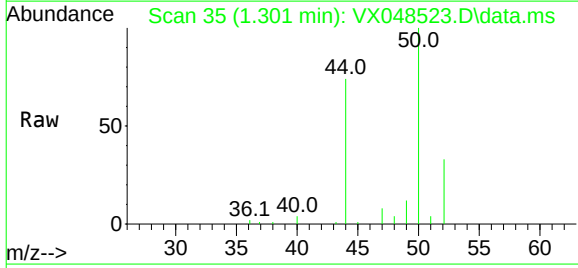




#3
Chloromethane
Concen: 6.647 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

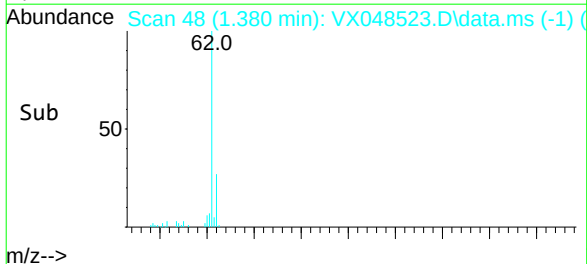
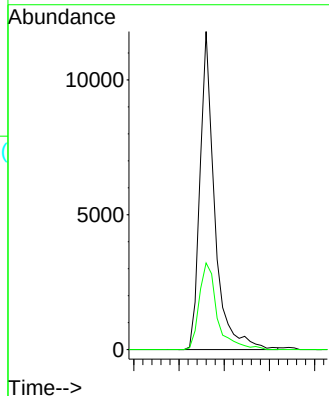
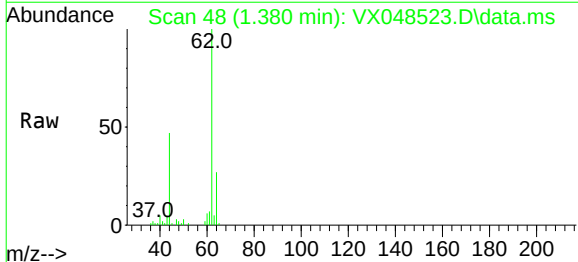
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

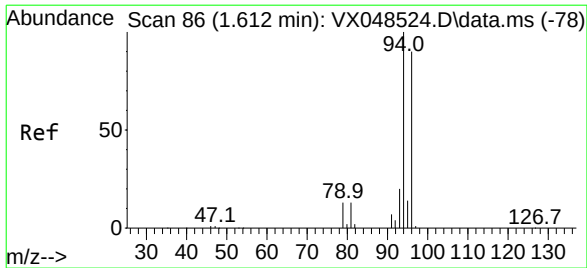
Tgt Ion: 50 Resp: 14899
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 5.237 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 62 Resp: 13292
Ion Ratio Lower Upper
62 100
64 27.2 26.2 39.4

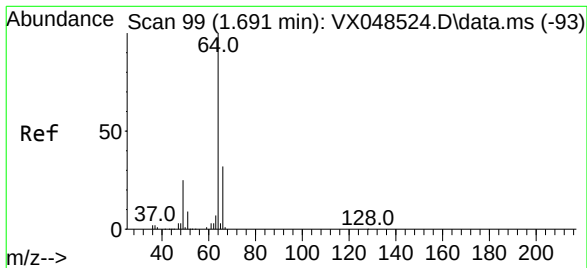
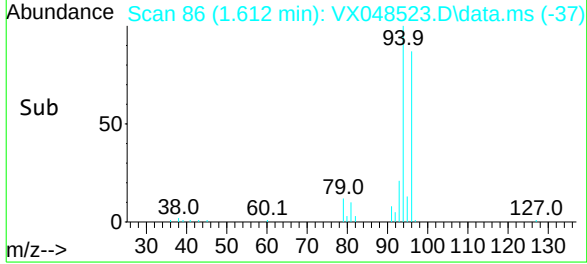
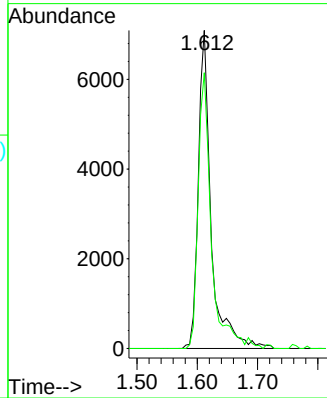
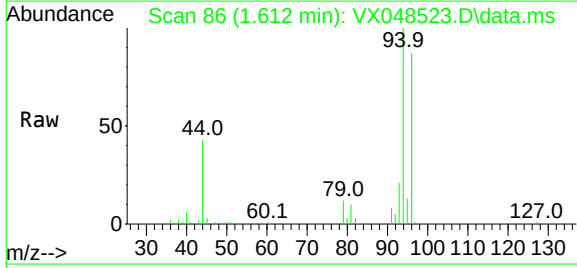




#5
Bromomethane
Concen: 6.545 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

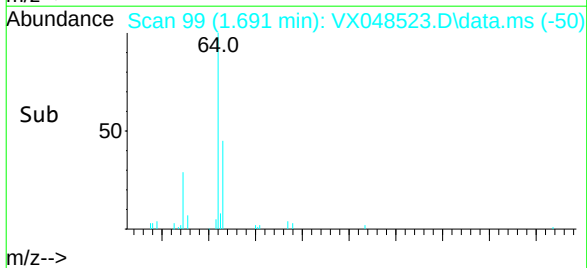
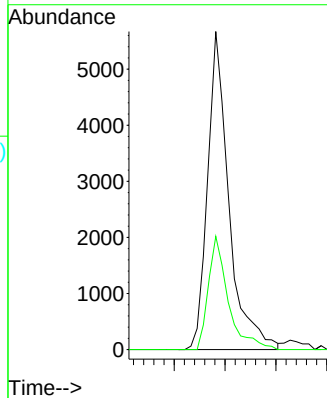
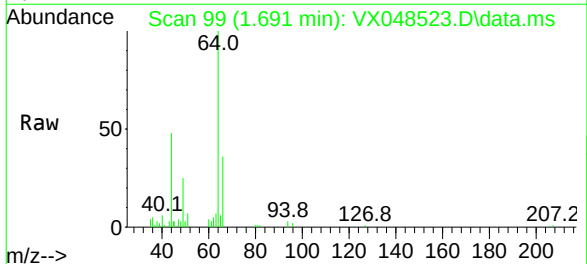
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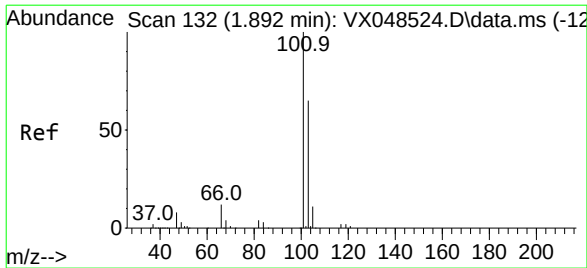
Tgt Ion: 94 Resp: 10500
Ion Ratio Lower Upper
94 100
96 86.7 72.3 108.5



#6
Chloroethane
Concen: 4.971 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 64 Resp: 8263
Ion Ratio Lower Upper
64 100
66 35.6 25.9 38.9

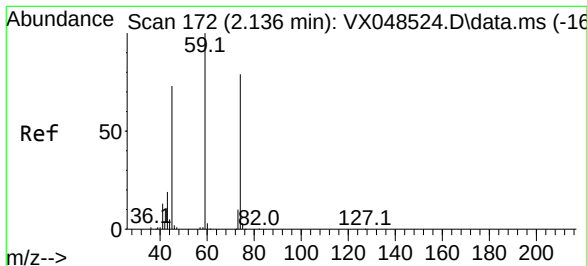
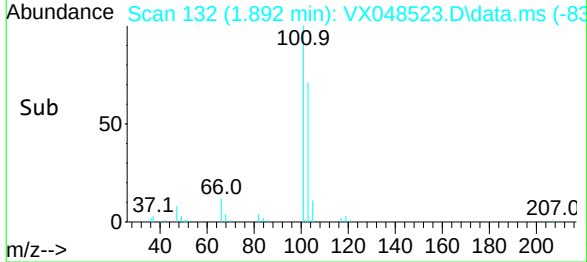
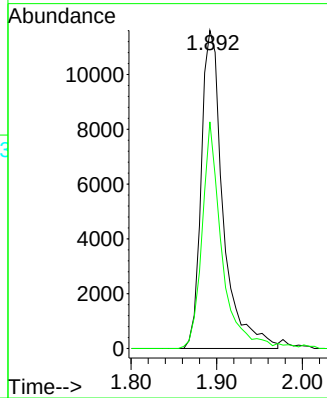
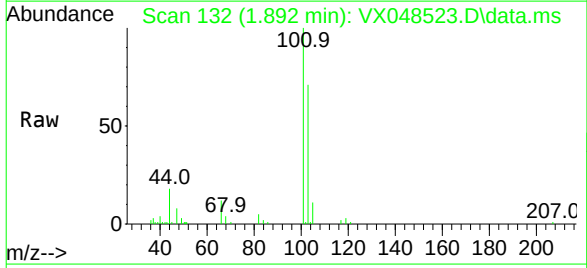




#7
 Trichlorofluoromethane
 Concen: 5.123 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. 0.000 min
 Lab File: VX048523.D
 Acq: 07 Nov 2025 16:08

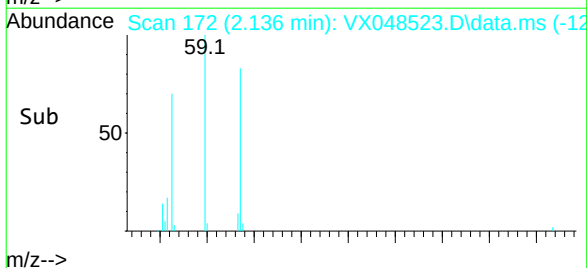
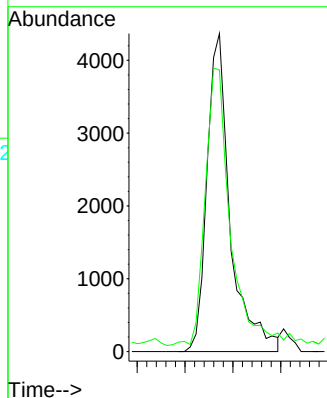
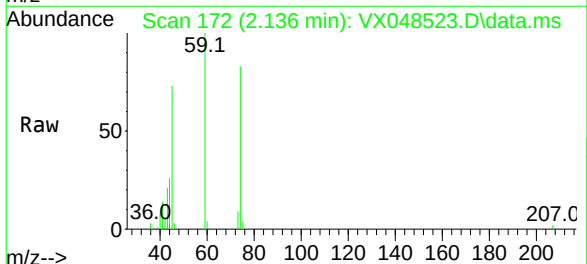
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

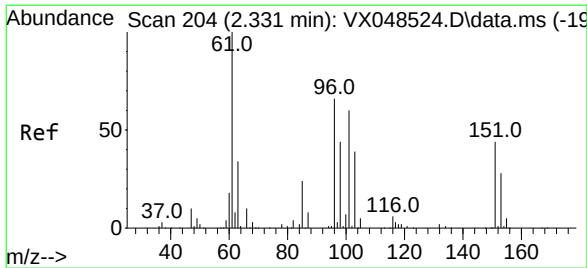
Tgt Ion:101 Resp: 20571
 Ion Ratio Lower Upper
 101 100
 103 71.3 51.7 77.5



#8
 Diethyl Ether
 Concen: 4.569 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048523.D
 Acq: 07 Nov 2025 16:08

Tgt Ion: 74 Resp: 7364
 Ion Ratio Lower Upper
 74 100
 45 106.7 45.9 137.6

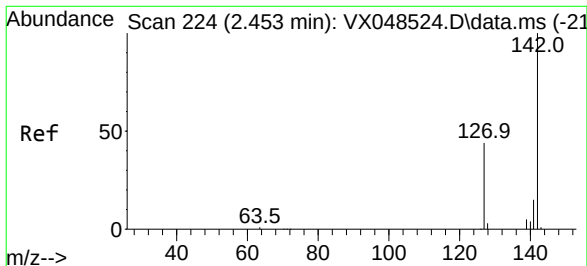
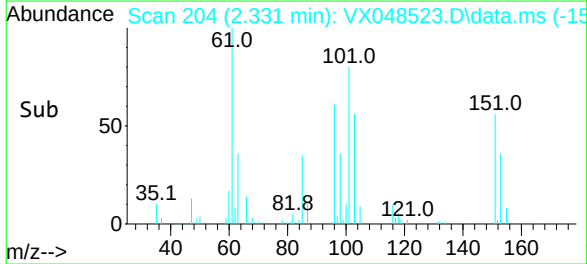
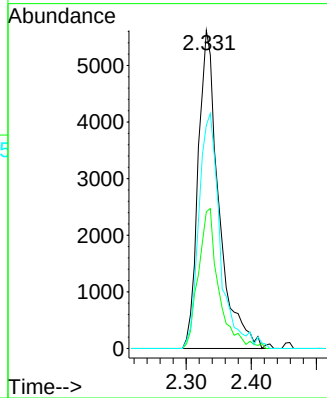
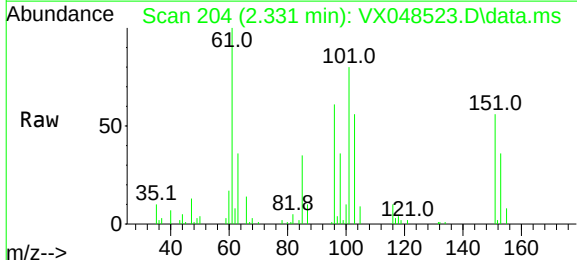




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.315 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

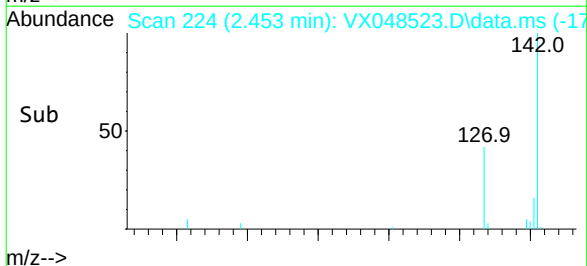
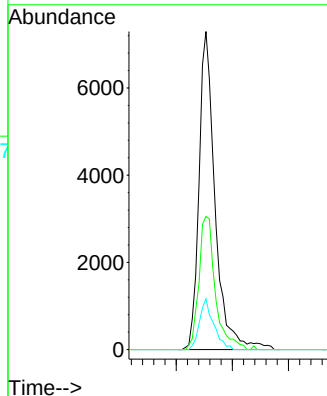
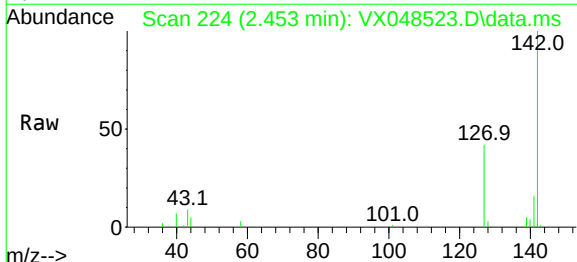
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

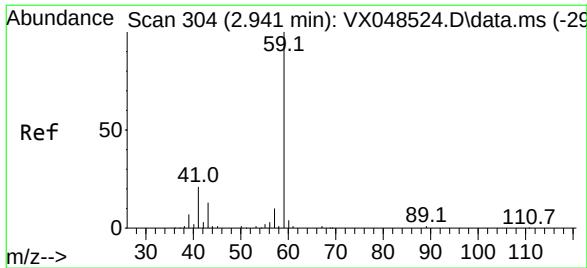
Tgt Ion:	101	Resp:	12355
Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.3	51.5
151	76.5	63.1	94.7



#10
Methyl Iodide
Concen: 4.211 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion:	142	Resp:	14486
Ion	Ratio	Lower	Upper
142	100		
127	42.9	35.8	53.6
141	14.0	11.4	17.0





#11

Tert butyl alcohol

Concen: 22.575 ug/l

RT: 2.941 min Scan# 304

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

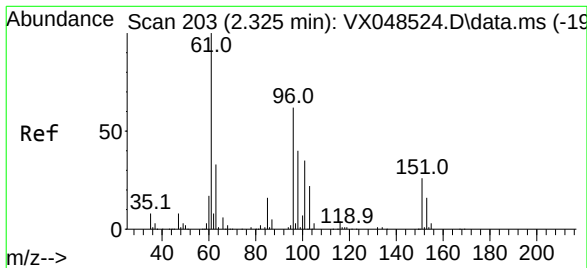
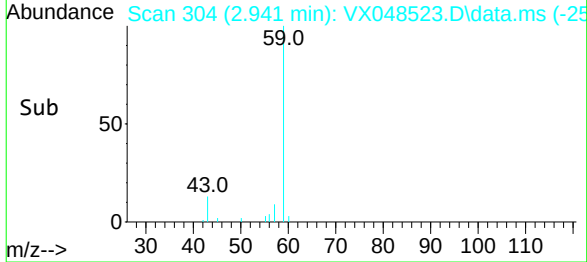
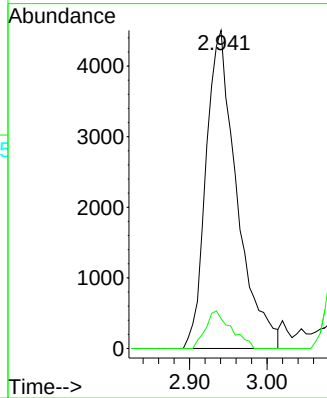
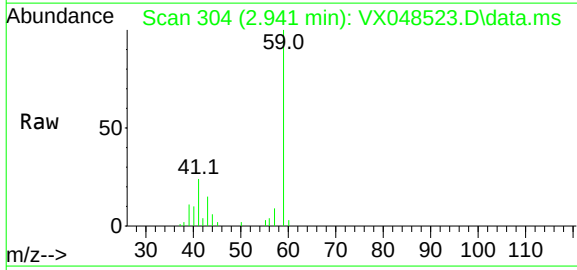
VSTDICC005

Tgt Ion: 59 Resp: 12432

Ion Ratio Lower Upper

59 100

57 9.8 8.6 13.0



#12

1,1-Dichloroethene

Concen: 5.151 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

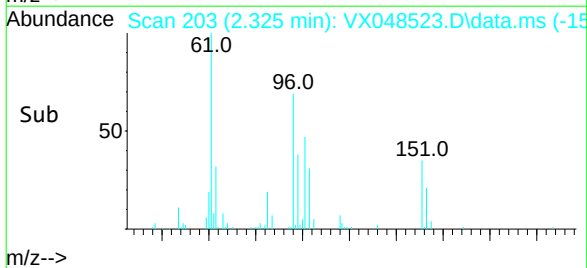
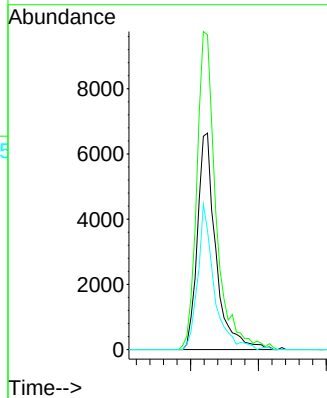
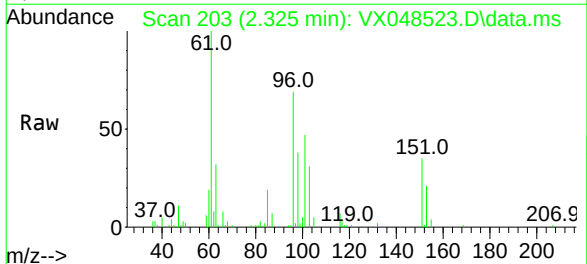
Tgt Ion: 96 Resp: 12506

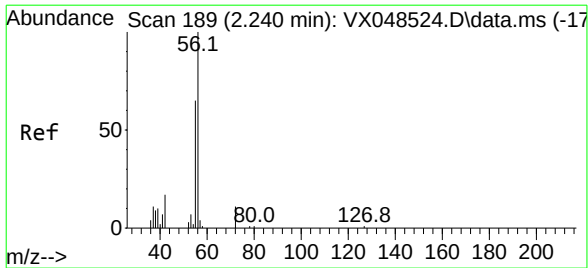
Ion Ratio Lower Upper

96 100

61 145.4 129.8 194.6

98 55.1 52.3 78.5

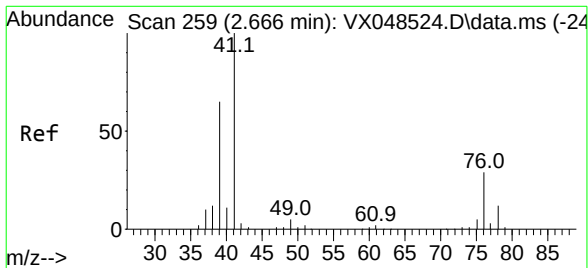
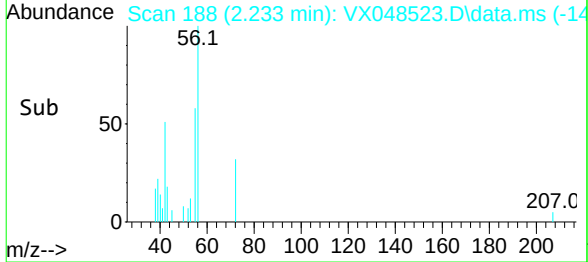
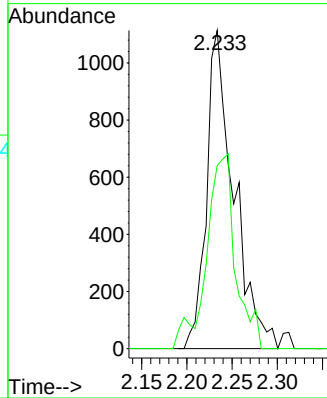
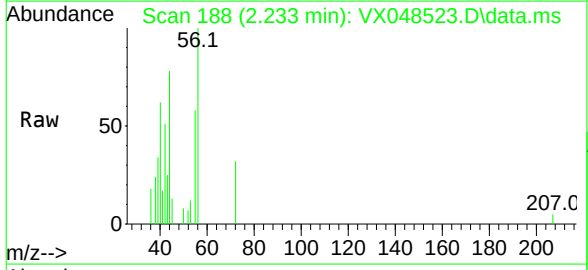




#13
Acrolein
Concen: 29.452 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

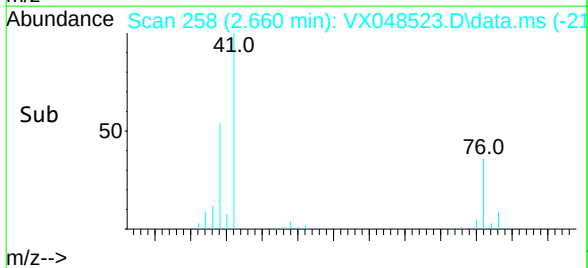
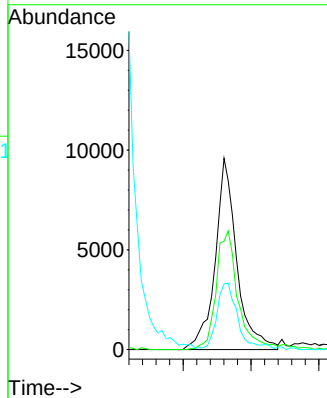
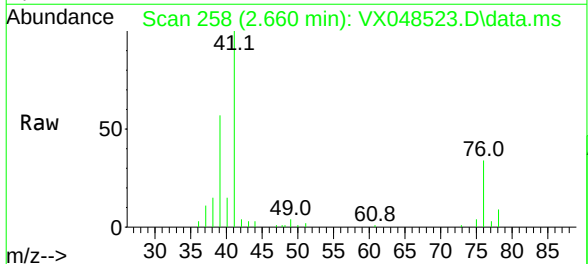
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

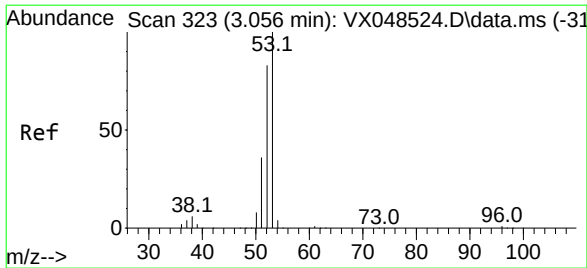
Tgt Ion: 56 Resp: 2325
Ion Ratio Lower Upper
56 100
55 65.1 54.9 82.3



#14
Allyl chloride
Concen: 4.707 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 41 Resp: 21278
Ion Ratio Lower Upper
41 100
39 62.2 48.6 73.0
76 33.8 27.7 41.5

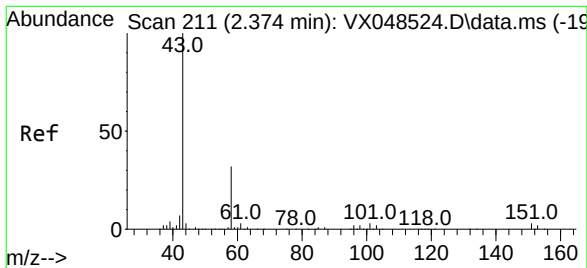
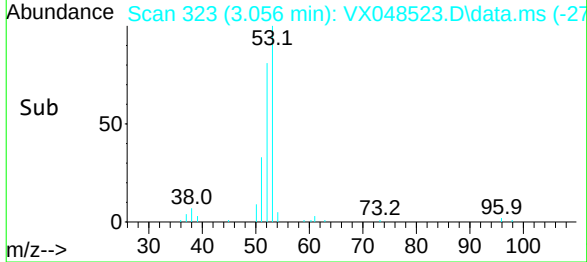
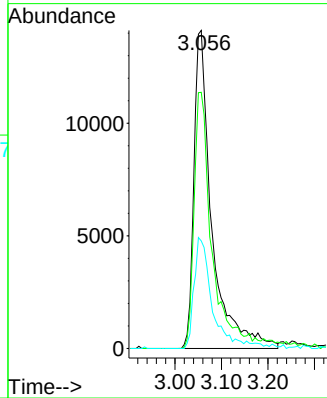
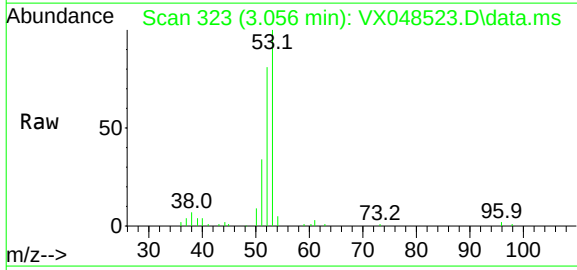




#15
Acrylonitrile
Concen: 23.523 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

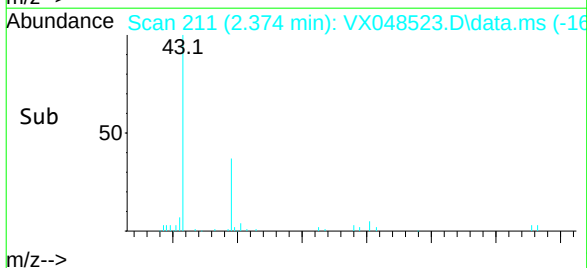
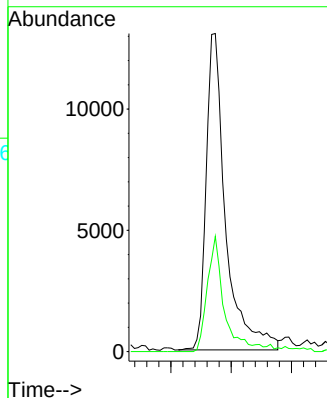
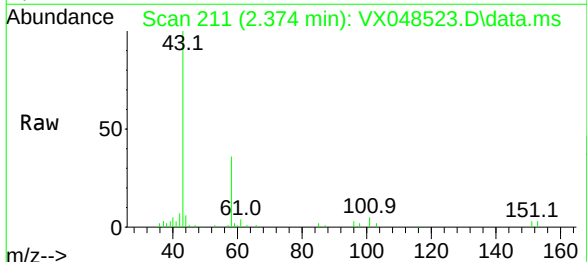
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

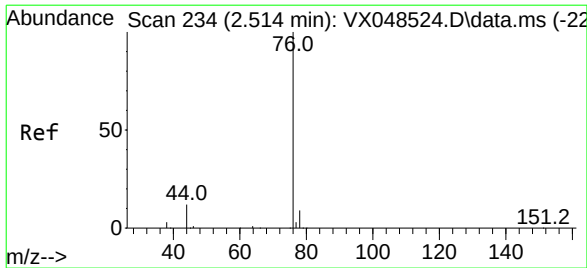
Tgt Ion:	53	Resp:	37815
Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.3	97.9
51	34.2	27.8	41.6



#16
Acetone
Concen: 21.273 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

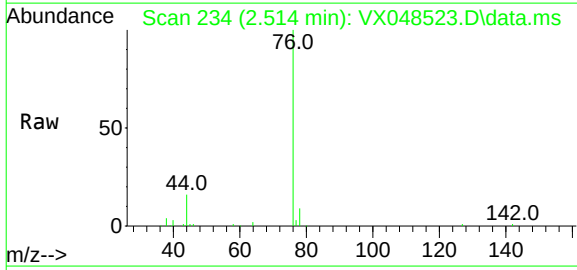
Tgt Ion:	43	Resp:	29264
Ion	Ratio	Lower	Upper
43	100		
58	36.4	25.8	38.6



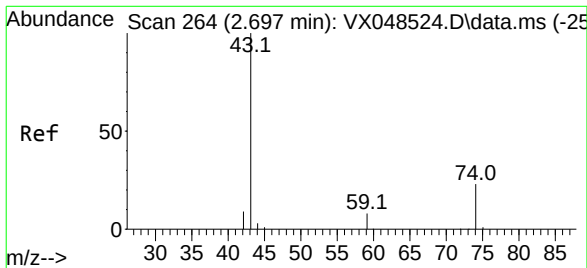
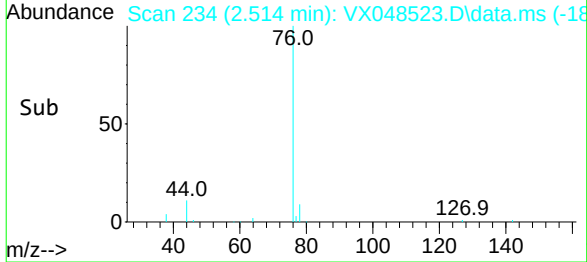
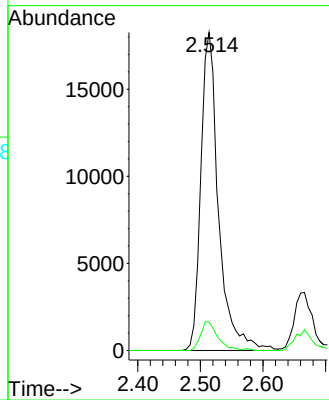


#17
Carbon Disulfide
Concen: 5.230 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

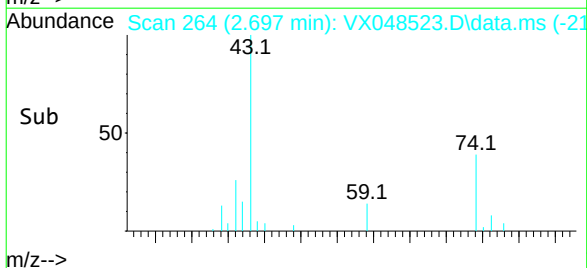
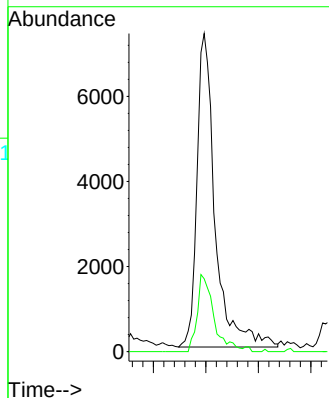
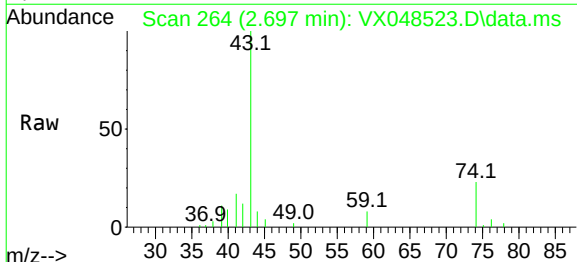


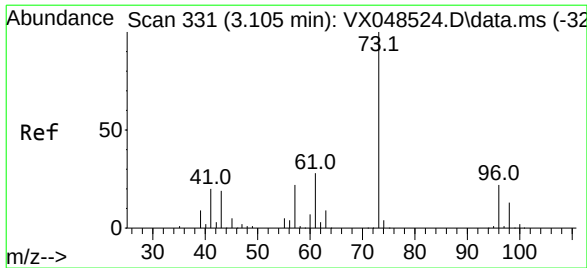
Tgt Ion: 76 Resp: 35734
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 4.687 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 43 Resp: 17721
Ion Ratio Lower Upper
43 100
74 22.3 19.1 28.7

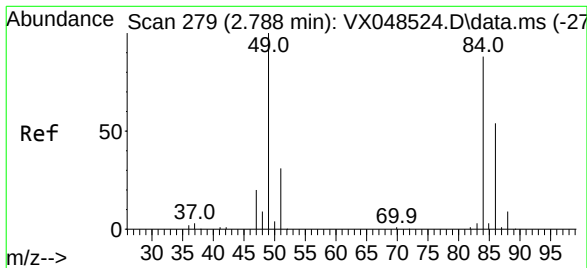
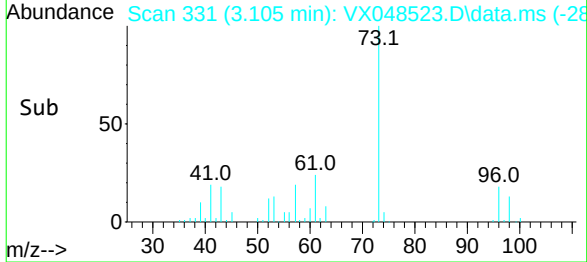
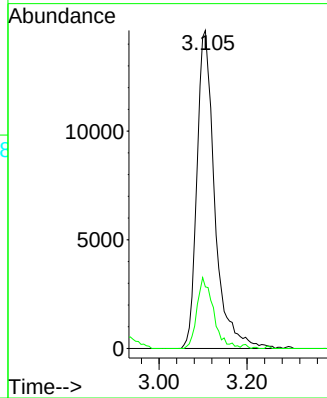
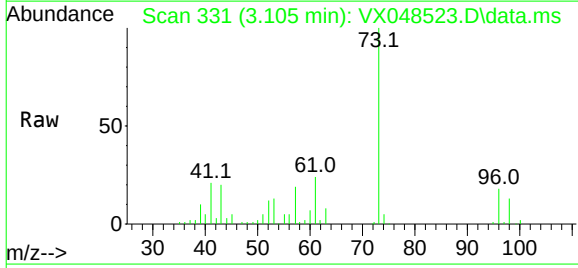




#19
Methyl tert-butyl Ether
Concen: 4.800 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

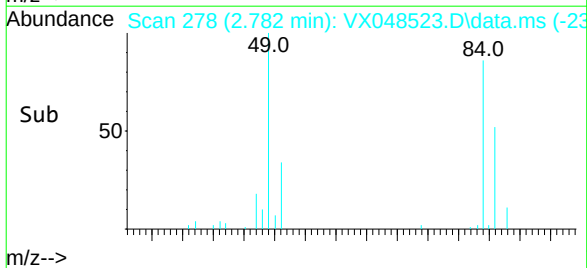
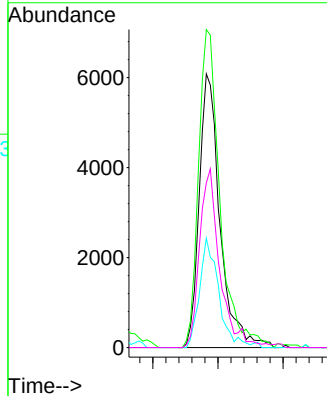
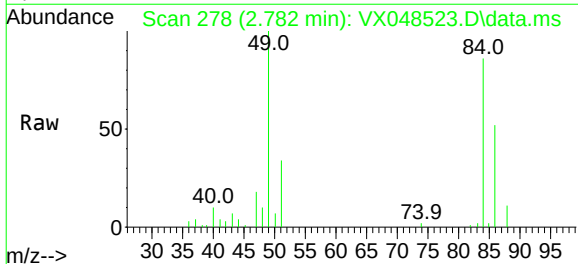
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

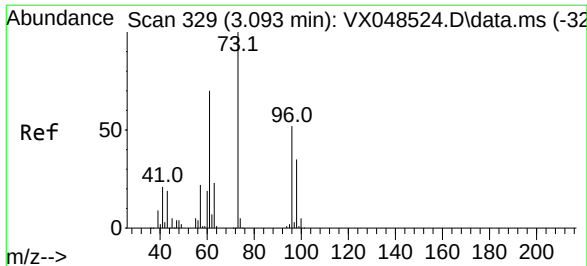
Tgt Ion: 73 Resp: 41157
Ion Ratio Lower Upper
73 100
57 19.4 17.3 25.9



#20
Methylene Chloride
Concen: 4.764 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

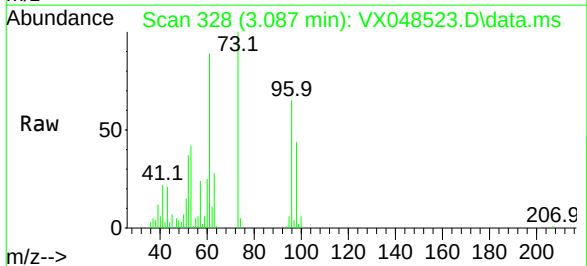
Tgt Ion: 84 Resp: 13475
Ion Ratio Lower Upper
84 100
49 116.2 91.2 136.8
51 40.0 28.3 42.5
86 60.1 49.4 74.2



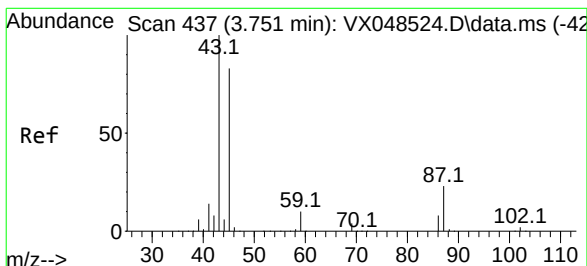
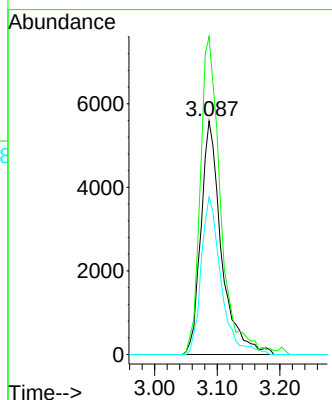
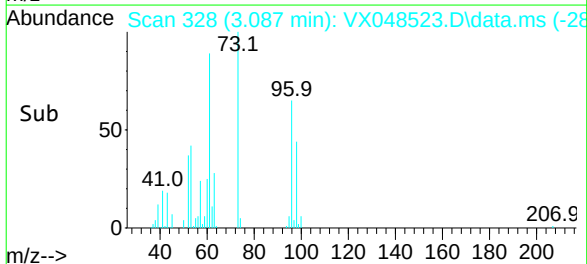


#21
trans-1,2-Dichloroethene
Concen: 4.948 ug/l
RT: 3.087 min Scan# 321
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

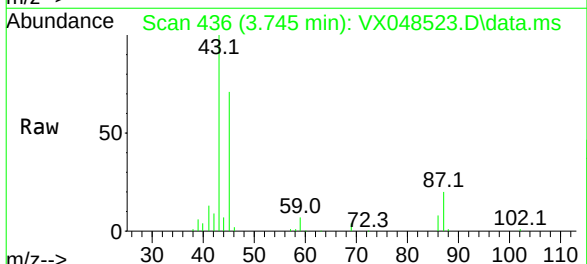
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



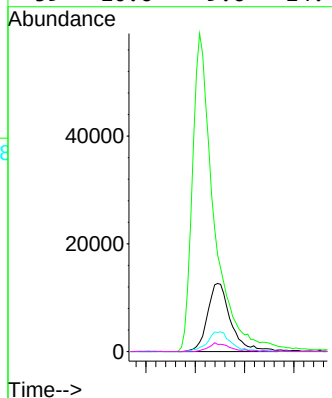
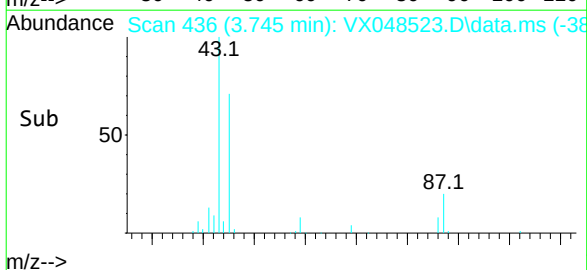
Tgt Ion: 96 Resp: 12732
Ion Ratio Lower Upper
96 100
61 136.2 106.7 160.1
98 67.4 52.7 79.1

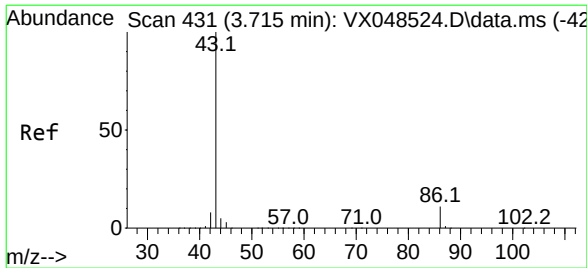


#22
Diisopropyl ether
Concen: 4.769 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08



Tgt Ion: 45 Resp: 41398
Ion Ratio Lower Upper
45 100
43 140.4 96.4 144.6
87 28.1 21.8 32.6
59 10.6 9.6 14.4





#23

Vinyl Acetate

Concen: 23.983 ug/l

RT: 3.709 min Scan# 43

Delta R.T. -0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

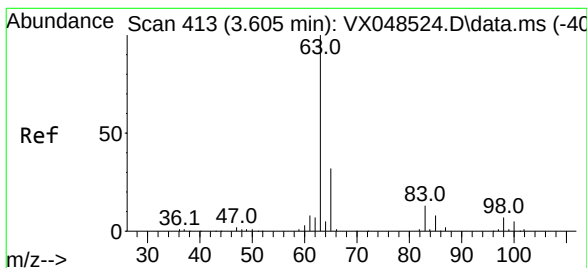
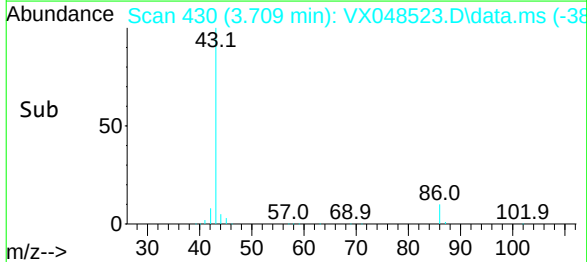
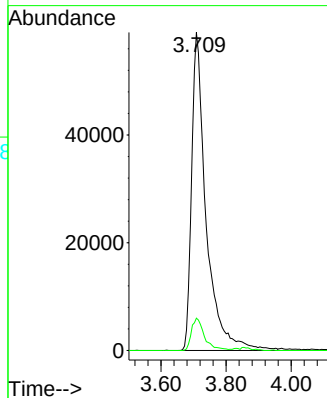
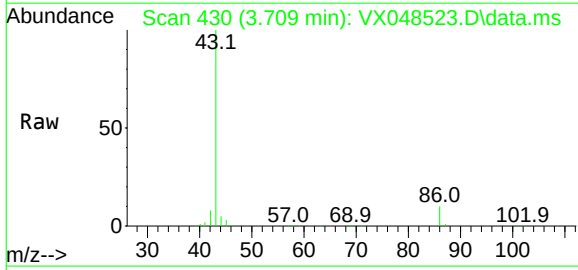
VSTDICC005

Tgt Ion: 43 Resp: 182320

Ion Ratio Lower Upper

43 100

86 10.2 9.0 13.6



#24

1,1-Dichloroethane

Concen: 4.839 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

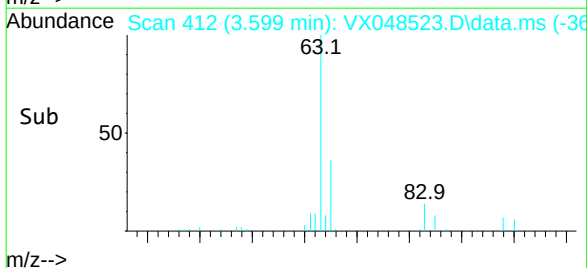
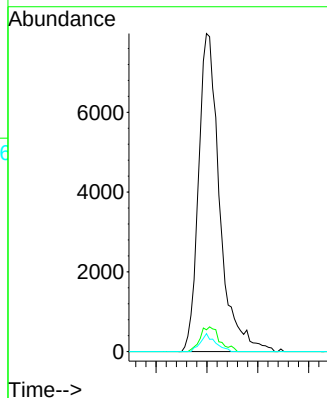
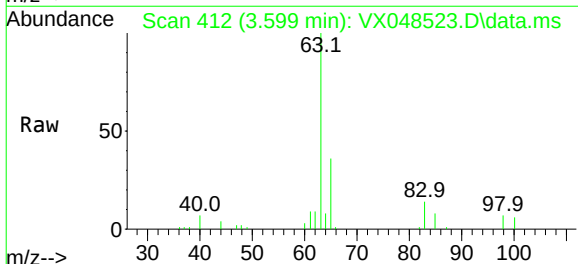
Tgt Ion: 63 Resp: 23046

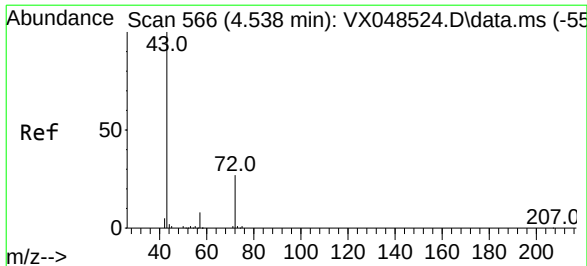
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 5.7 2.5 7.4

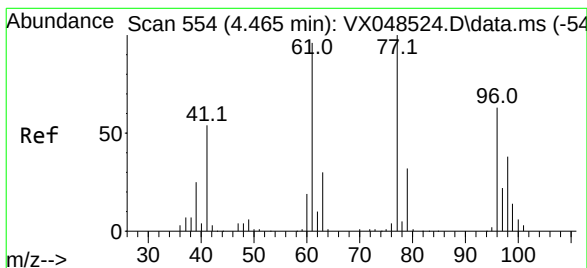
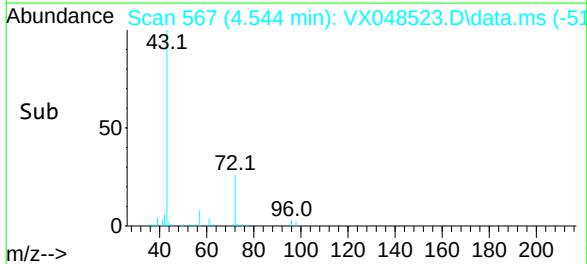
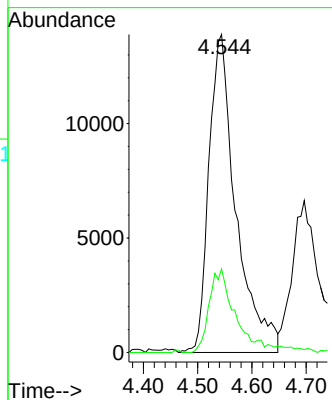
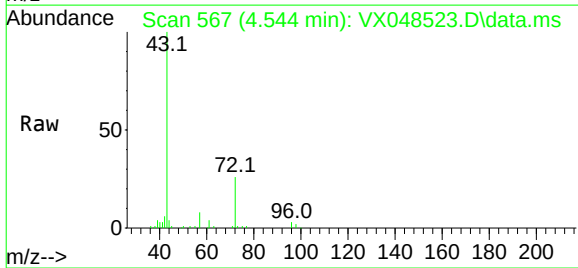




#25
2-Butanone
Concen: 23.639 ug/l
RT: 4.544 min Scan# 566
Delta R.T. 0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

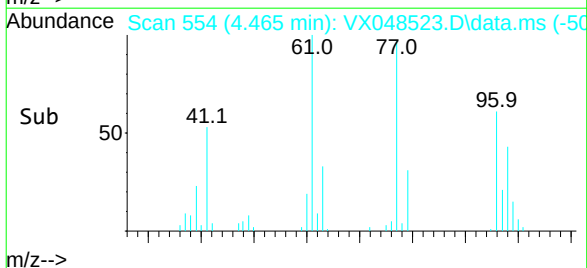
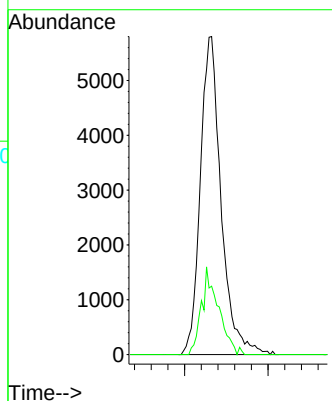
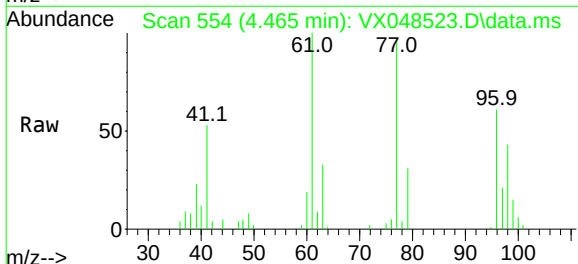
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

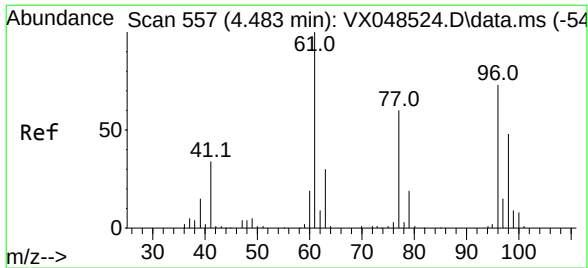
Tgt Ion: 43 Resp: 48107
Ion Ratio Lower Upper
43 100
72 25.6 21.5 32.3



#26
2,2-Dichloropropane
Concen: 4.936 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 77 Resp: 20044
Ion Ratio Lower Upper
77 100
97 22.3 11.7 35.1

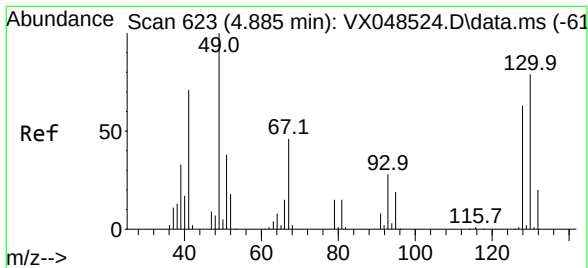
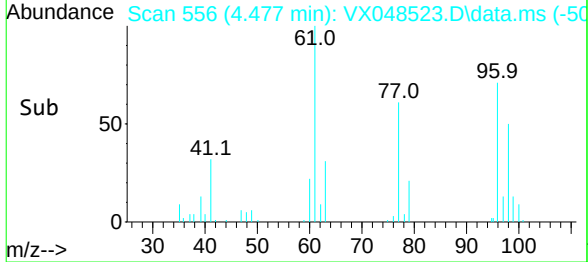
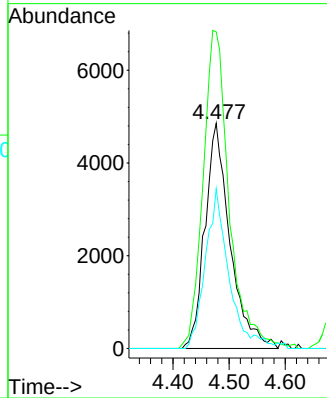
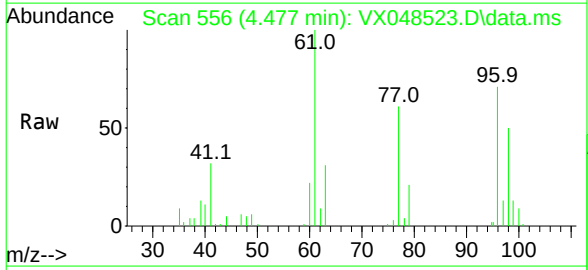




#27
 cis-1,2-Dichloroethene
 Concen: 4.796 ug/l
 RT: 4.477 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VX048523.D
 Acq: 07 Nov 2025 16:08

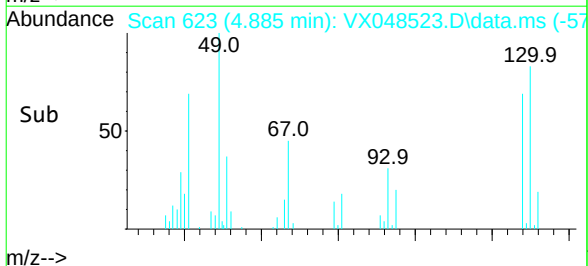
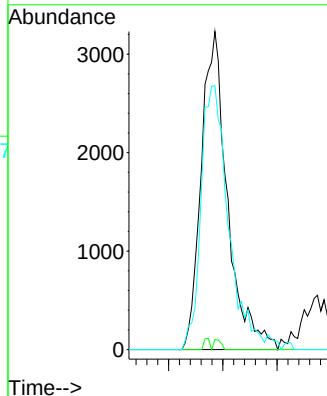
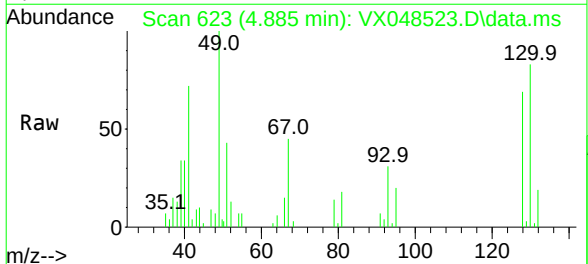
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

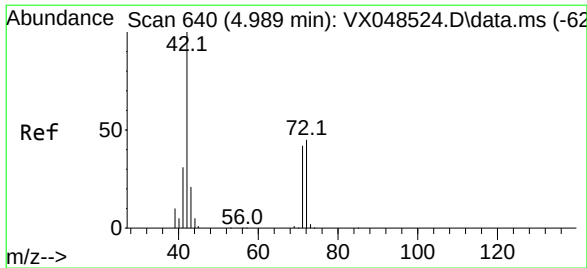
Tgt Ion: 96	Resp: 15087
Ion Ratio	Lower Upper
96 100	
61 146.6	0.0 279.6
98 66.3	0.0 128.2



#28
 Bromochloromethane
 Concen: 4.635 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. 0.000 min
 Lab File: VX048523.D
 Acq: 07 Nov 2025 16:08

Tgt Ion: 49	Resp: 10844
Ion Ratio	Lower Upper
49 100	
129 0.9	0.0 4.2
130 86.4	65.9 98.9





#29

Tetrahydrofuran

Concen: 24.509 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

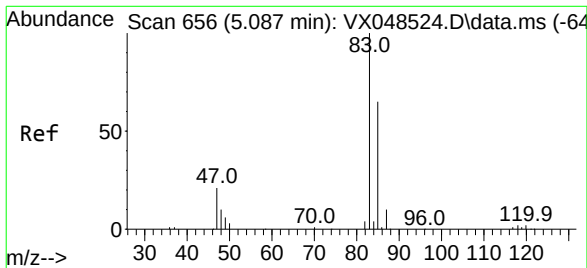
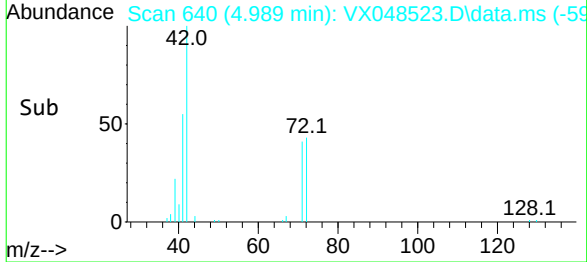
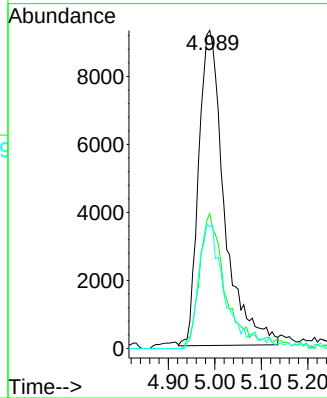
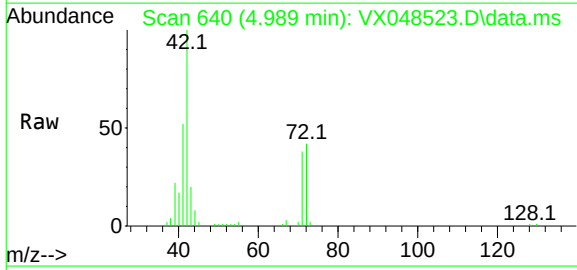
Tgt Ion: 42 Resp: 35526

Ion Ratio Lower Upper

42 100

72 42.5 36.3 54.5

71 38.3 34.1 51.1



#30

Chloroform

Concen: 4.939 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX048523.D

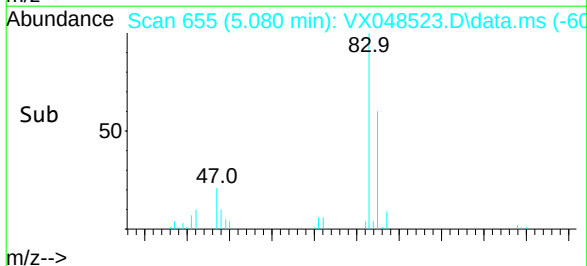
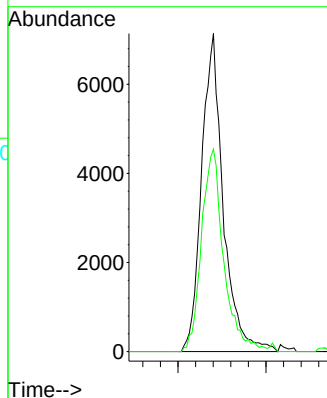
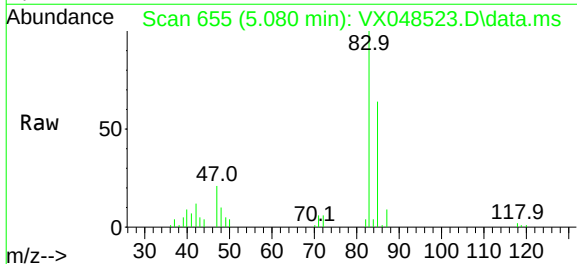
Acq: 07 Nov 2025 16:08

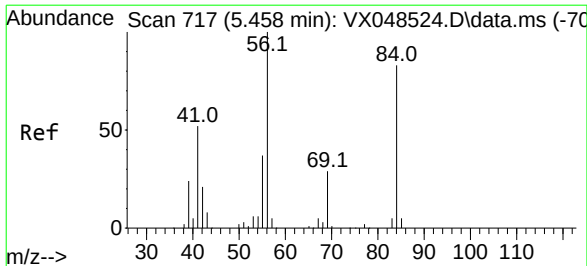
Tgt Ion: 83 Resp: 24285

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.6





#31

Cyclohexane

Concen: 5.448 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

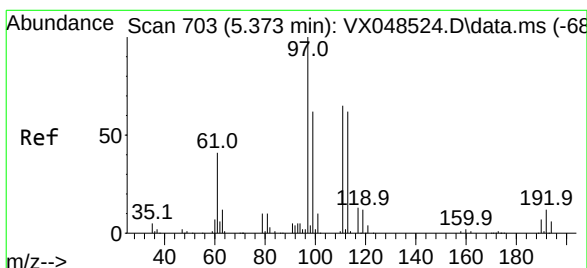
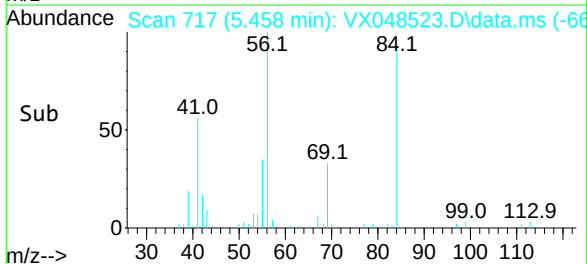
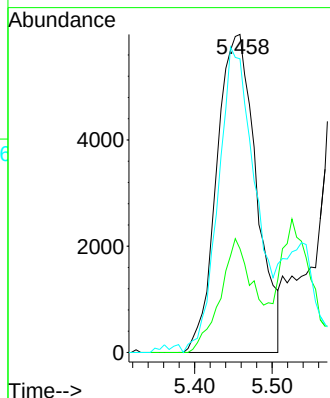
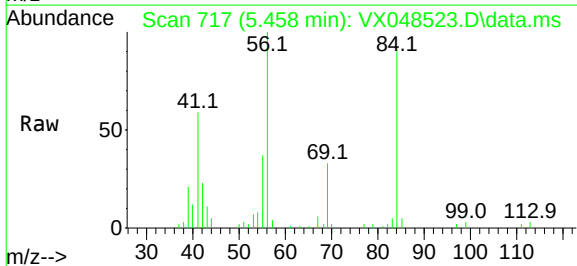
Tgt Ion: 56 Resp: 21262

Ion Ratio Lower Upper

56 100

69 32.6 23.4 35.2

84 89.9 66.3 99.5



#32

1,1,1-Trichloroethane

Concen: 4.954 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

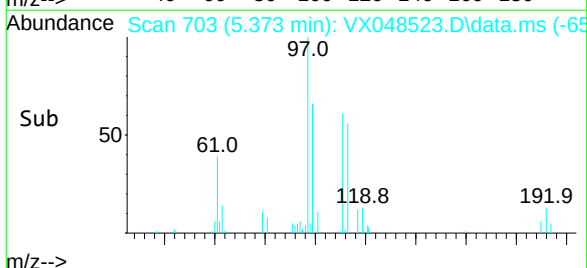
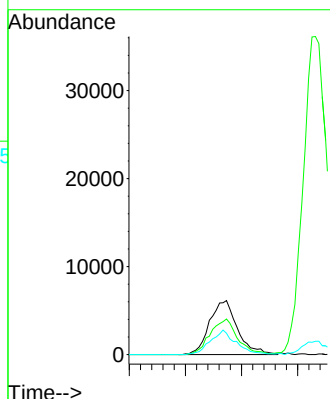
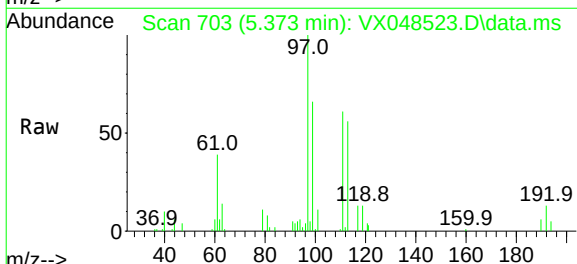
Tgt Ion: 97 Resp: 21258

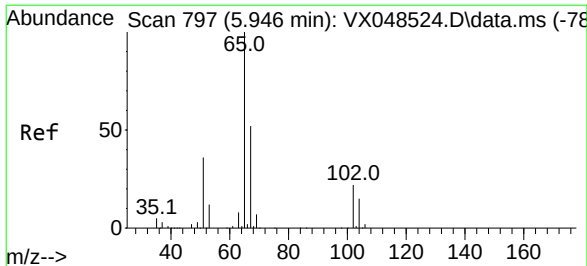
Ion Ratio Lower Upper

97 100

99 64.6 50.8 76.2

61 41.4 33.4 50.2

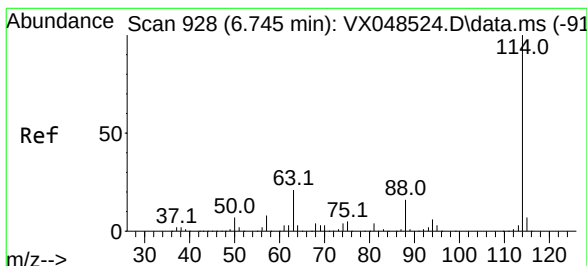
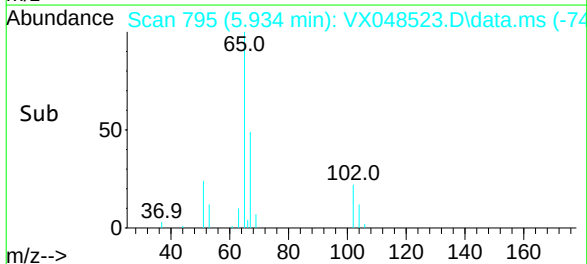
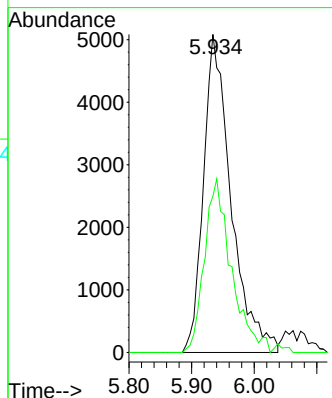
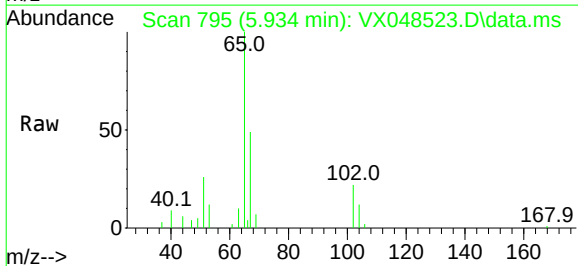




#33
1,2-Dichloroethane-d4
Concen: 5.345 ug/l
RT: 5.934 min Scan# 79
Delta R.T. -0.012 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

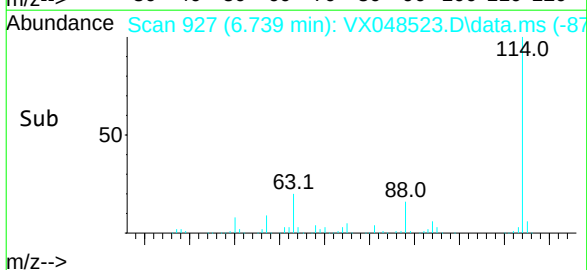
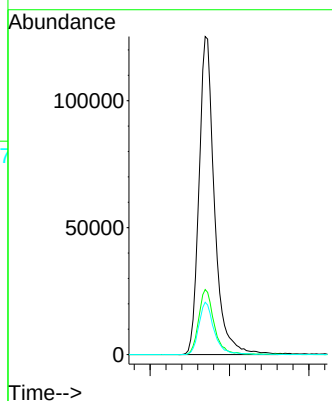
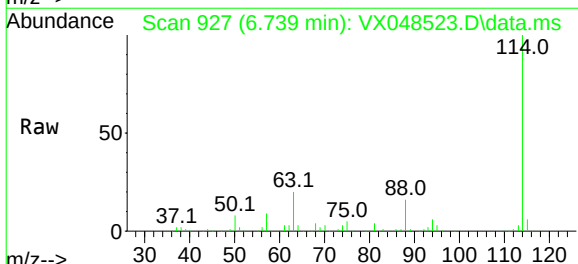
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

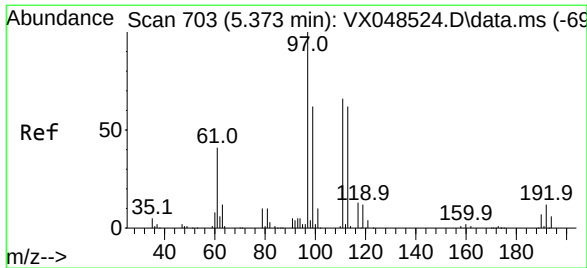
Tgt Ion: 65 Resp: 15533
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 114 Resp: 338972
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.2
88 16.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 4.875 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

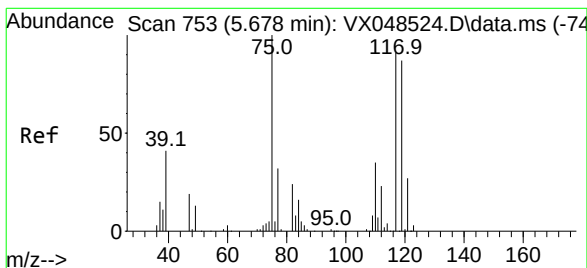
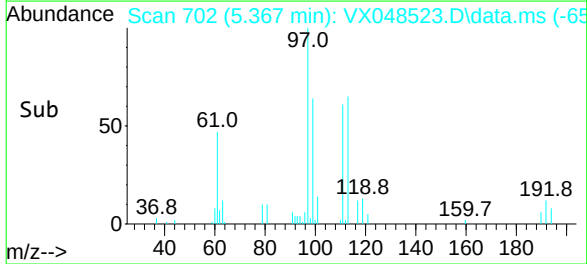
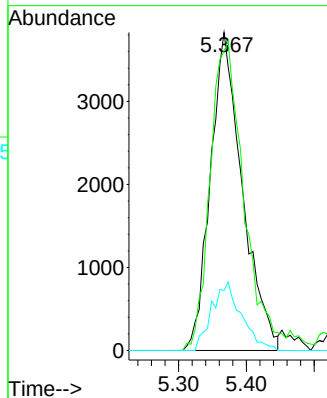
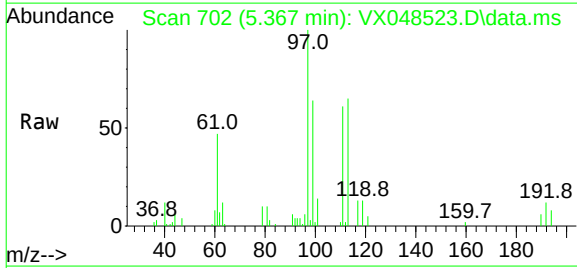
Tgt Ion:113 Resp: 12508

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 20.1 15.8 23.6



#36

1,1-Dichloropropene

Concen: 5.106 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

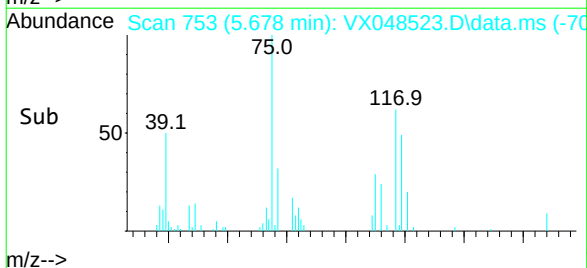
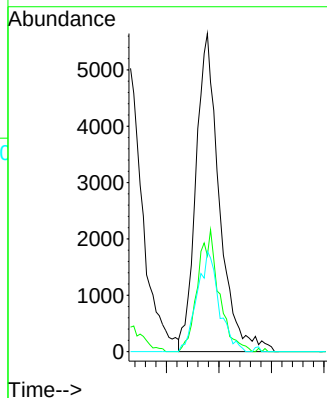
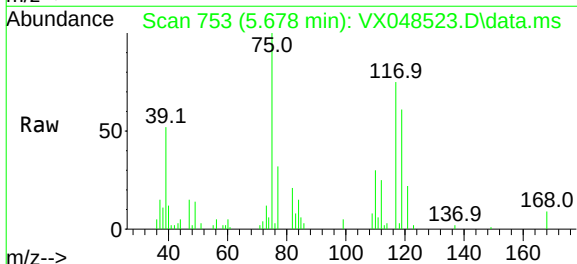
Tgt Ion: 75 Resp: 17540

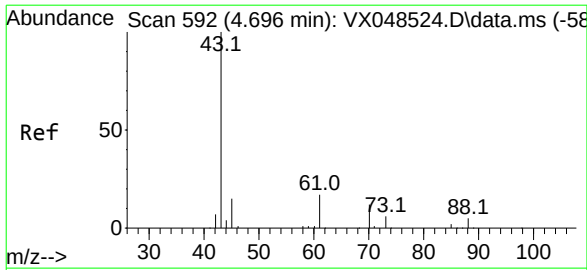
Ion Ratio Lower Upper

75 100

110 34.8 18.4 55.4

77 29.4 24.6 37.0





#37

Ethyl Acetate

Concen: 4.911 ug/l

RT: 4.696 min Scan# 59

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

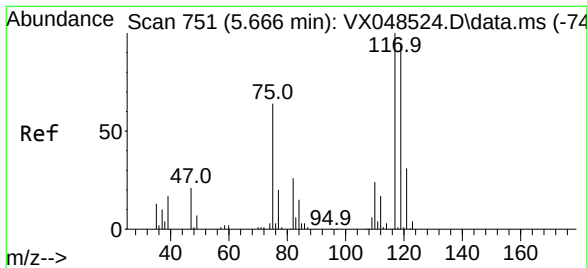
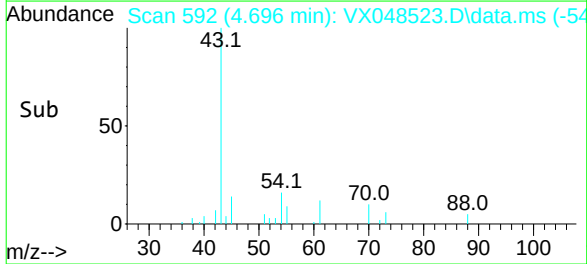
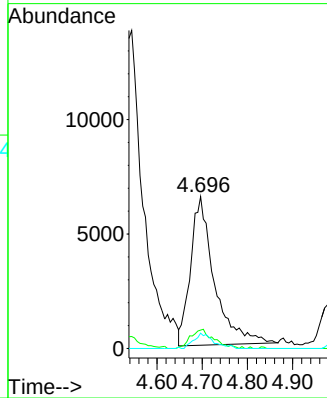
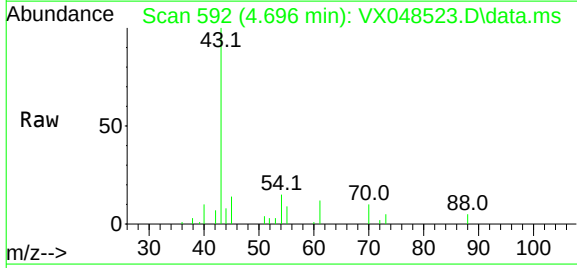
Tgt Ion: 43 Resp: 23748

Ion Ratio Lower Upper

43 100

61 12.4 9.7 14.5

70 8.5 7.7 11.5



#38

Carbon Tetrachloride

Concen: 4.991 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

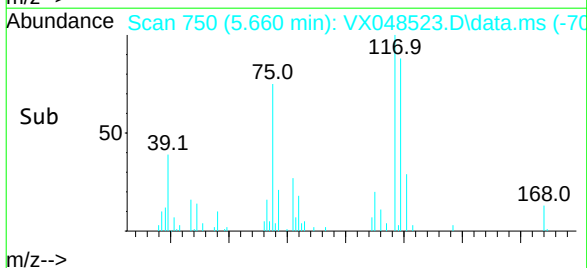
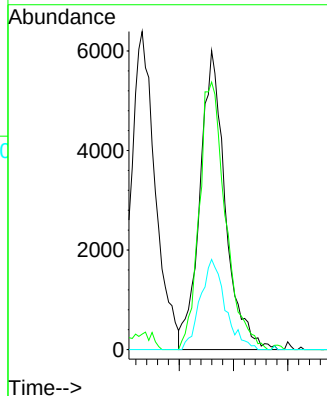
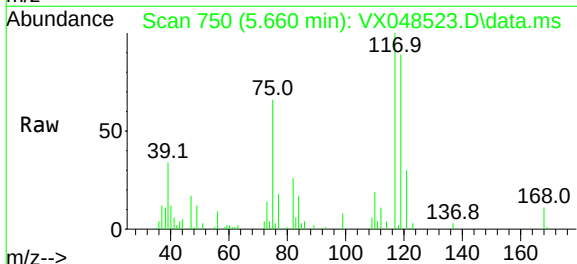
Tgt Ion: 117 Resp: 19518

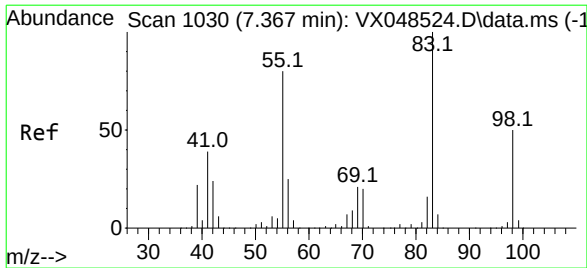
Ion Ratio Lower Upper

117 100

119 89.5 74.5 111.7

121 30.1 24.8 37.2

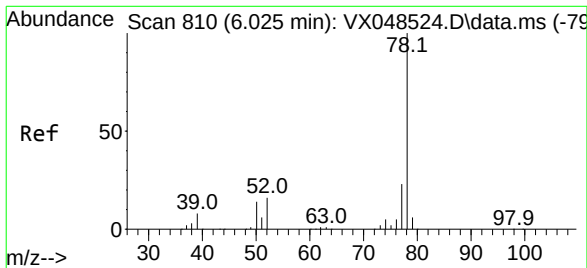
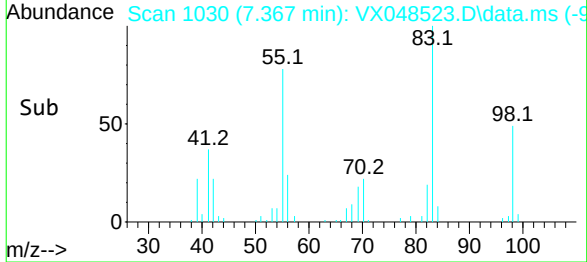
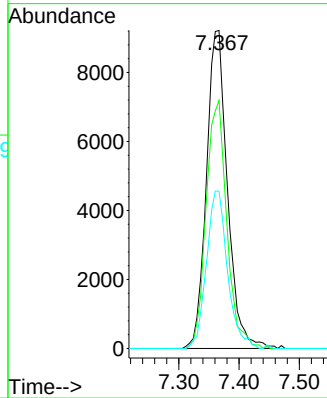
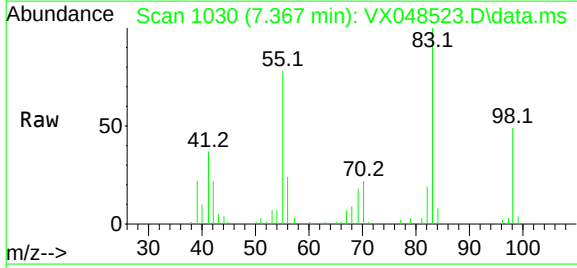




#39
Methylcyclohexane
Concen: 5.797 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

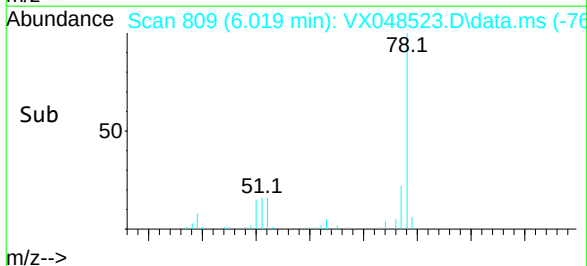
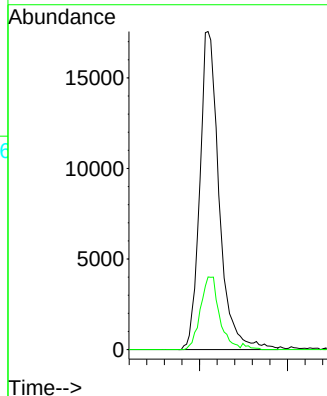
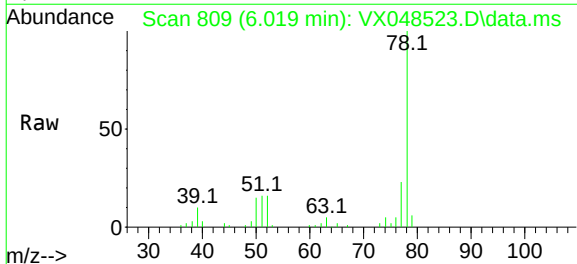
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

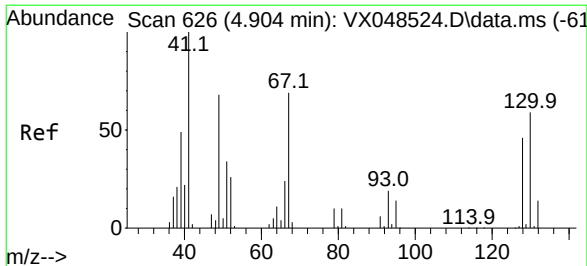
Tgt Ion:	83	Resp:	22362
Ion	Ratio	Lower	Upper
83	100		
55	78.0	63.8	95.6
98	49.5	40.3	60.5



#40
Benzene
Concen: 5.040 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion:	78	Resp:	53670
Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.3	27.5





#41

Methacrylonitrile

Concen: 4.768 ug/l

RT: 4.898 min Scan# 62

Delta R.T. -0.006 min

Lab File: VX048523.D

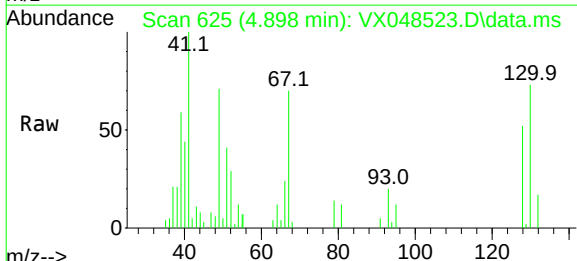
Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

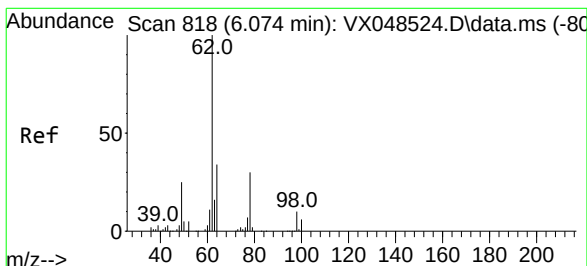
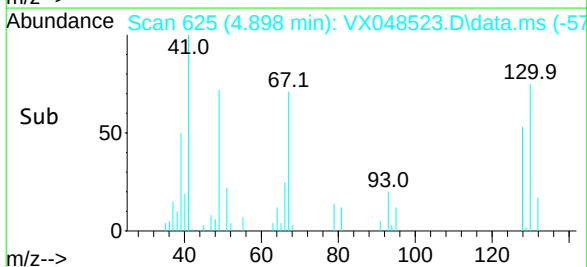
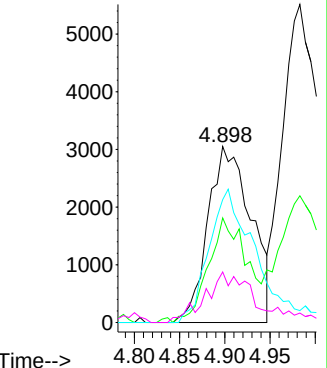
VSTDICC005



Tgt Ion: 41 Resp: 10139

Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.1	61.7
67	82.2	64.2	96.2
52	29.1	25.6	38.4

Abundance



#42

1,2-Dichloroethane

Concen: 4.843 ug/l

RT: 6.074 min Scan# 818

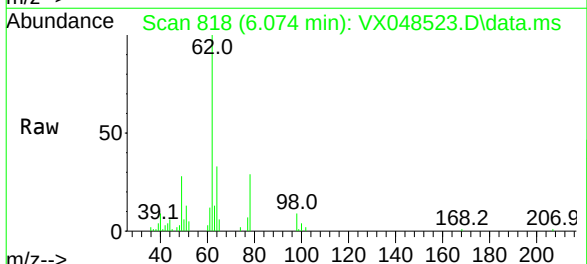
Delta R.T. 0.000 min

Lab File: VX048523.D

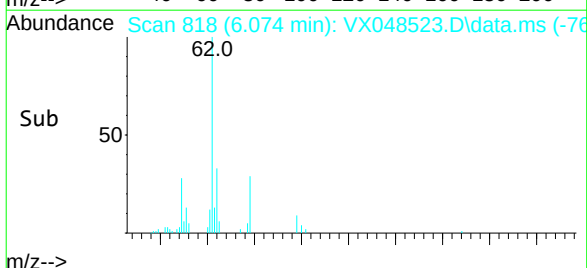
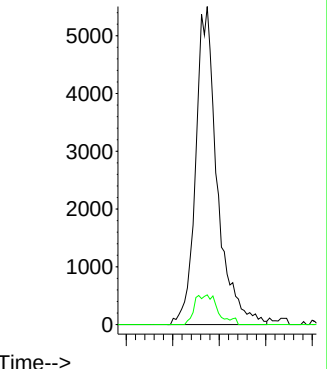
Acq: 07 Nov 2025 16:08

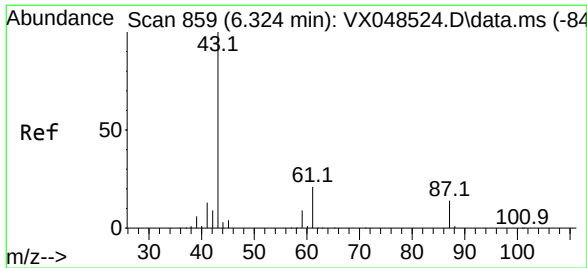
Tgt Ion: 62 Resp: 17670

Ion	Ratio	Lower	Upper
62	100		
98	3.7	0.0	19.6



Abundance





#43

Isopropyl Acetate

Concen: 4.585 ug/l

RT: 6.318 min Scan# 85

Delta R.T. -0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

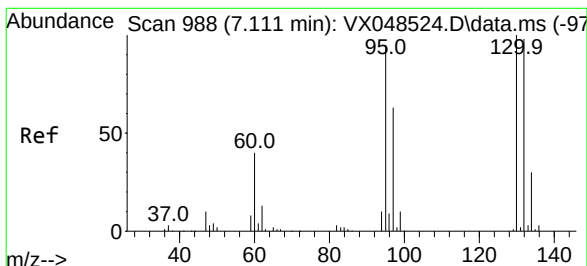
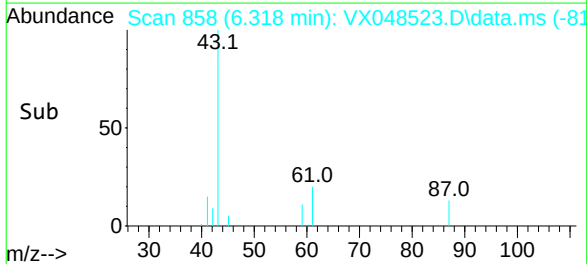
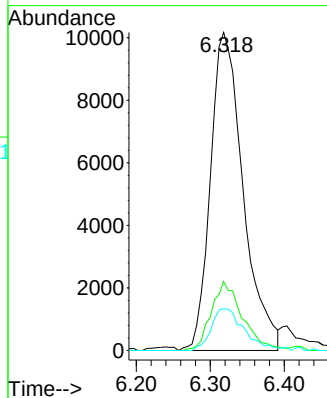
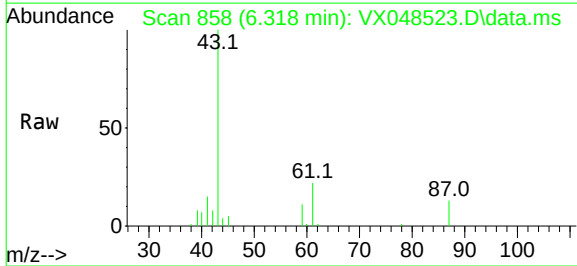
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:	43	Resp:	31170
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.2	24.4
87	13.3	10.9	16.3



#44

Trichloroethene

Concen: 5.291 ug/l

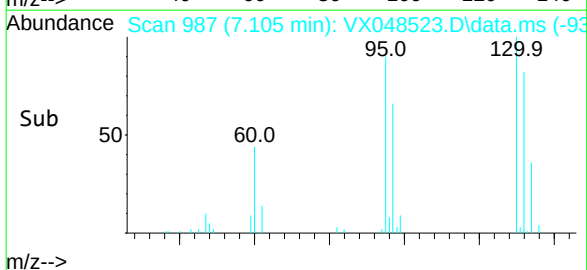
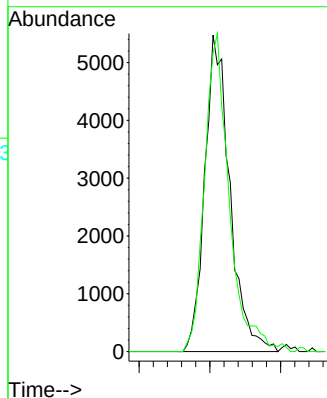
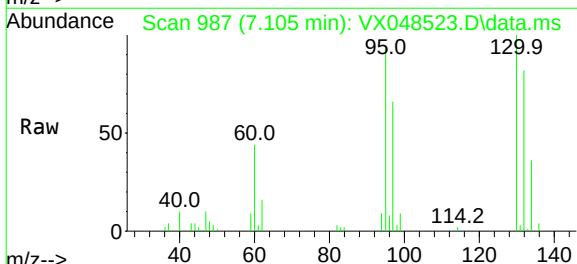
RT: 7.105 min Scan# 987

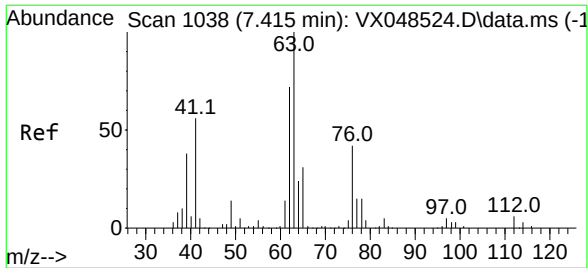
Delta R.T. -0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Tgt Ion:	130	Resp:	13467
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	190.2

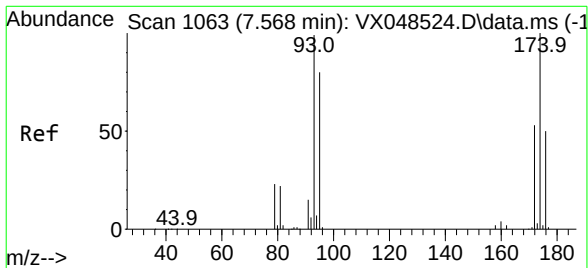
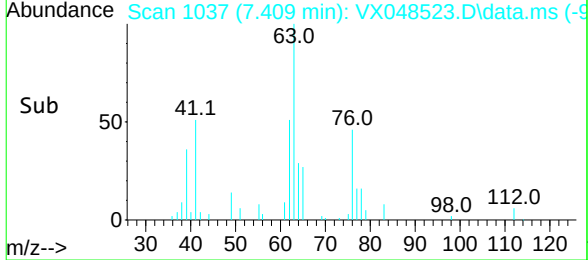
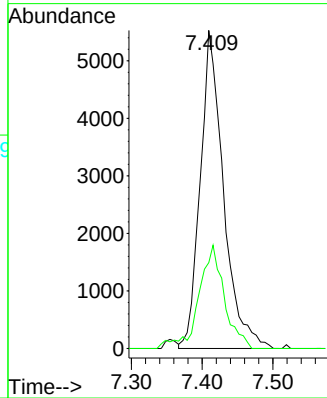
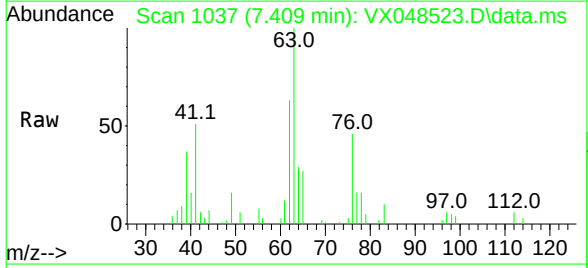




#45
1,2-Dichloropropane
Concen: 5.150 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

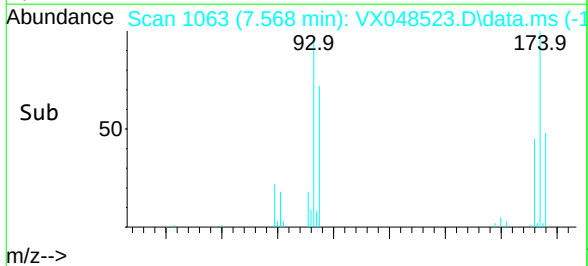
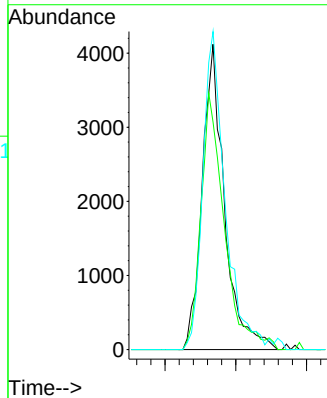
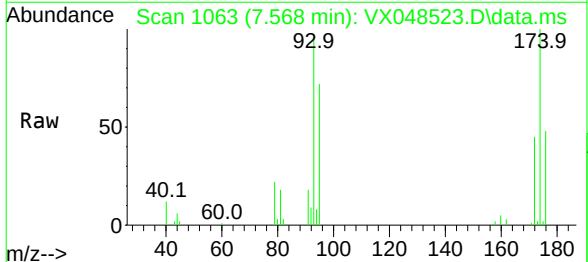
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

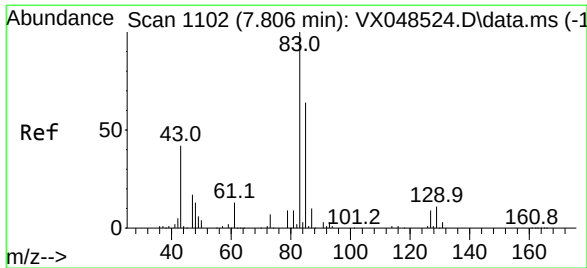
Tgt Ion: 63 Resp: 12610
Ion Ratio Lower Upper
63 100
65 27.0 24.9 37.3



#46
Dibromomethane
Concen: 5.043 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 93 Resp: 9006
Ion Ratio Lower Upper
93 100
95 88.4 67.6 101.4
174 105.0 83.0 124.6

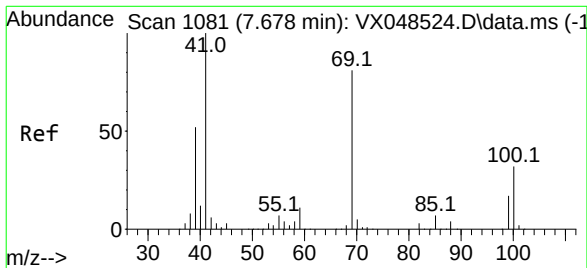
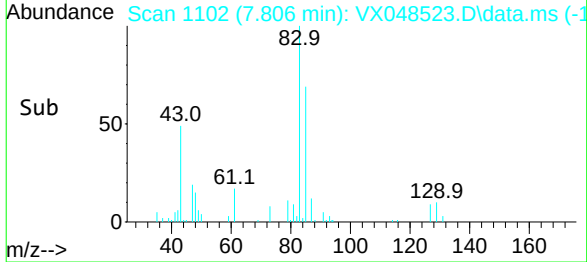
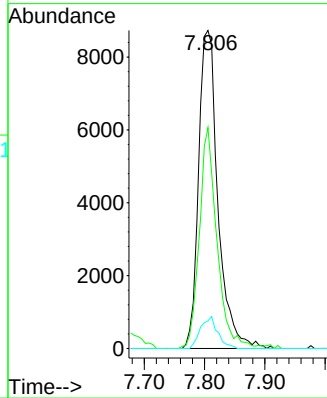
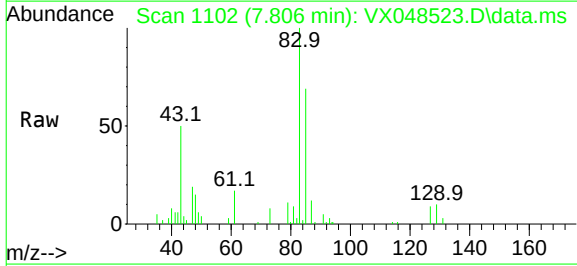




#47
Bromodichloromethane
Concen: 5.466 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

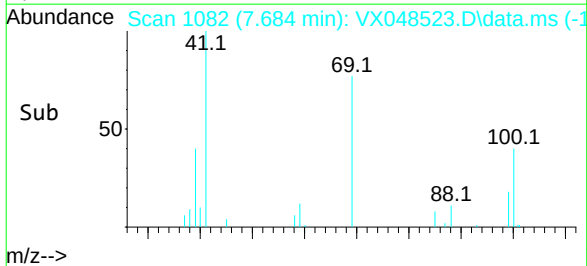
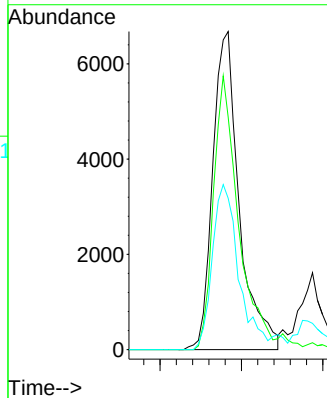
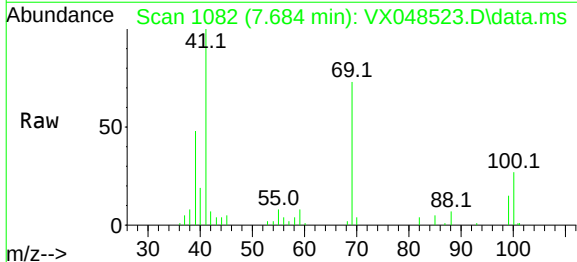
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

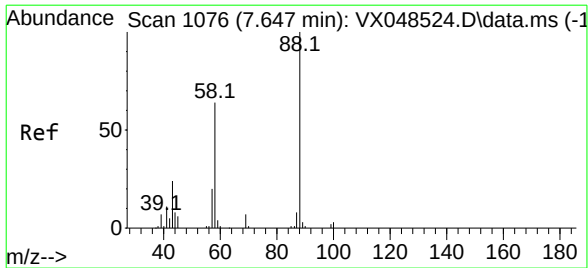
Tgt Ion:	83	Resp:	19475
Ion	Ratio	Lower	Upper
83	100		
85	69.5	51.4	77.0
127	8.7	7.0	10.4



#48
Methyl methacrylate
Concen: 4.996 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

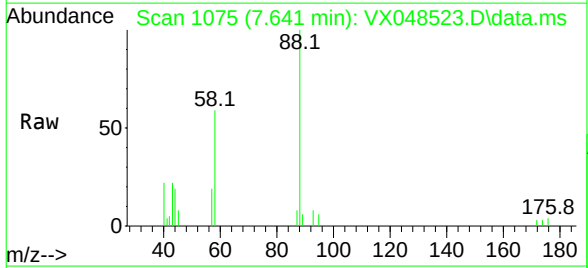
Tgt Ion:	41	Resp:	15097
Ion	Ratio	Lower	Upper
41	100		
69	81.3	67.9	101.9
39	51.3	42.2	63.2



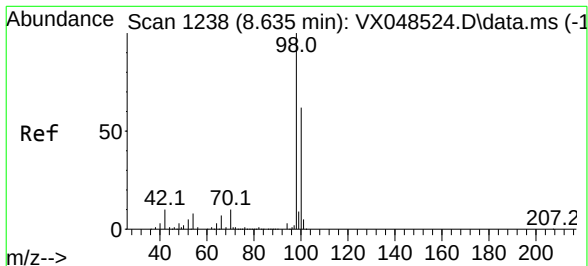
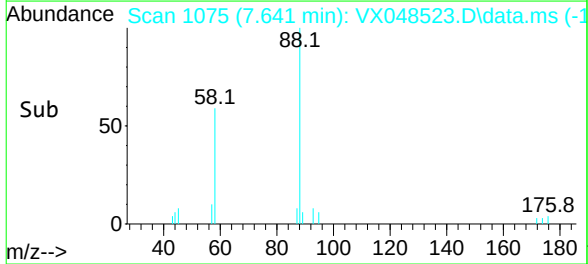
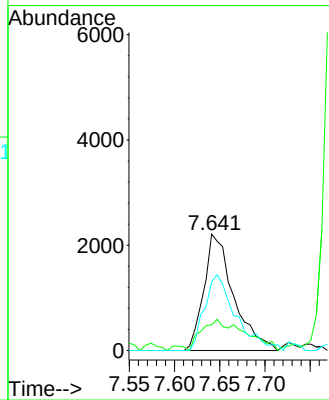


#49
1,4-Dioxane
Concen: 109.654 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

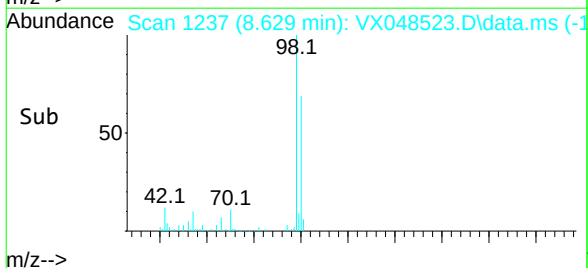
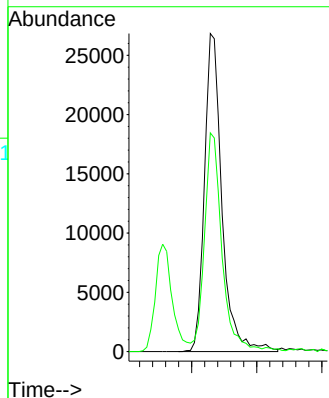
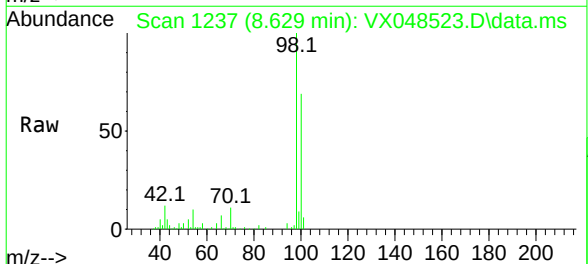


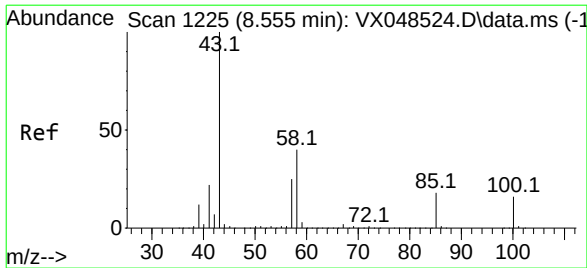
Tgt Ion:	88	Resp:	5049
Ion	Ratio	Lower	Upper
88	100		
43	40.6	25.1	37.7#
58	68.1	56.7	85.1



#50
Toluene-d8
Concen: 6.253 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion:	98	Resp:	50032
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.6	80.4

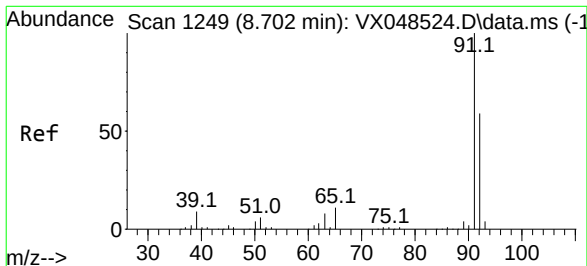
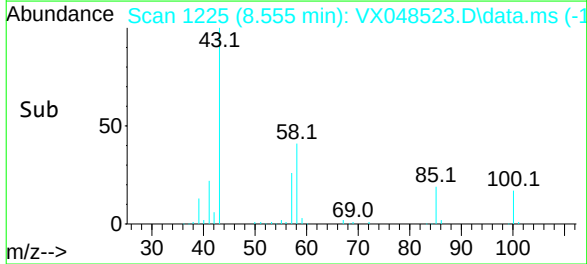
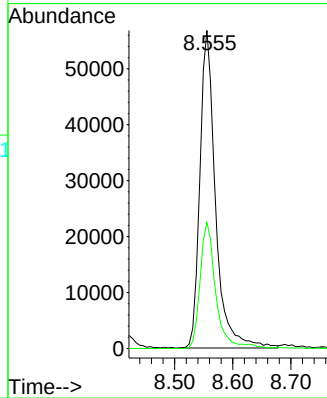
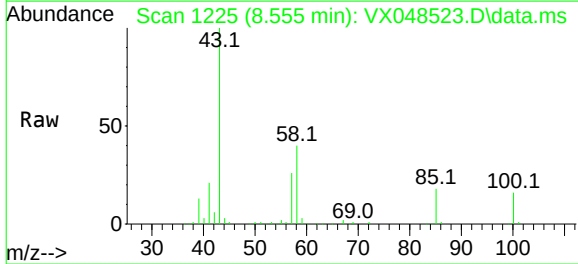




#51
4-Methyl-2-Pentanone
Concen: 27.395 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

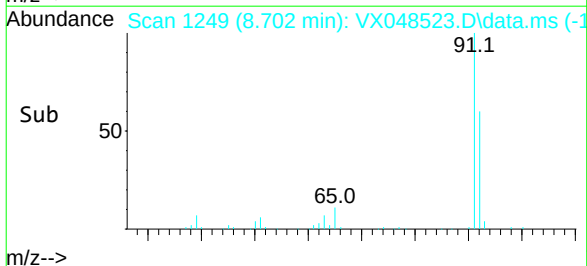
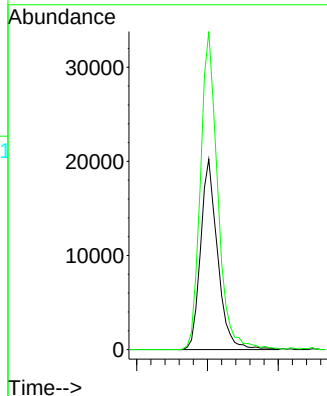
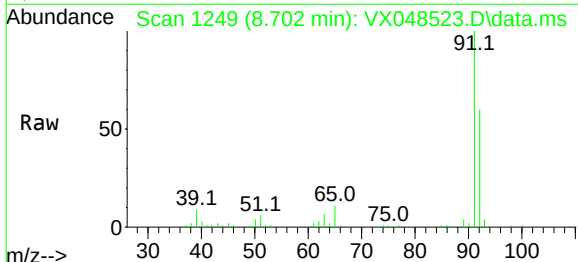
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

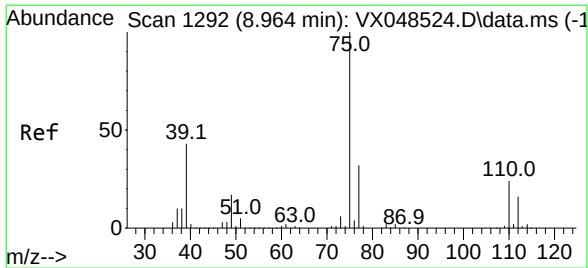
Tgt Ion: 43 Resp: 106003
Ion Ratio Lower Upper
43 100
58 39.8 32.3 48.5



#52
Toluene
Concen: 6.018 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 92 Resp: 33741
Ion Ratio Lower Upper
92 100
91 170.1 137.0 205.6

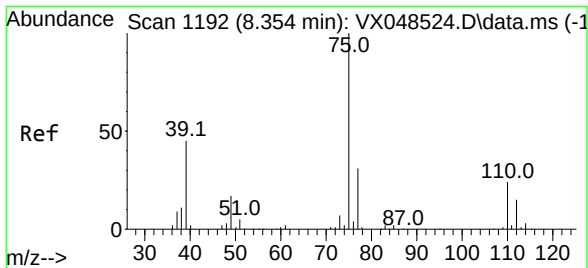
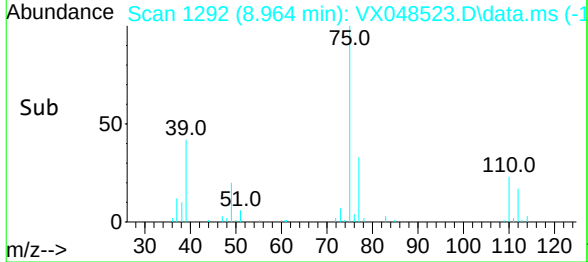
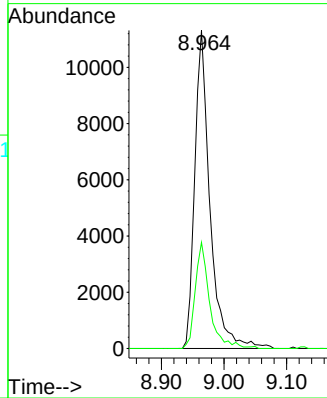
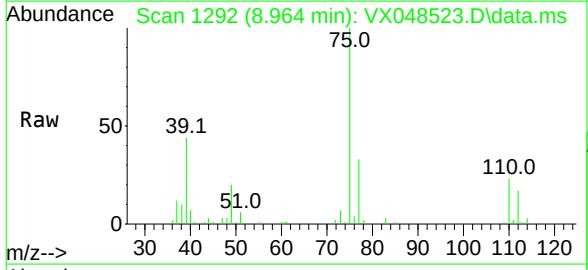




#53
 t-1,3-Dichloropropene
 Concen: 5.196 ug/l
 RT: 8.964 min Scan# 1292
 Delta R.T. 0.000 min
 Lab File: VX048523.D
 Acq: 07 Nov 2025 16:08

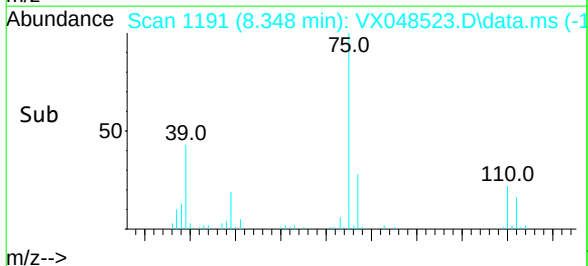
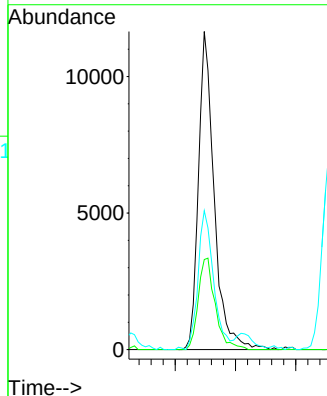
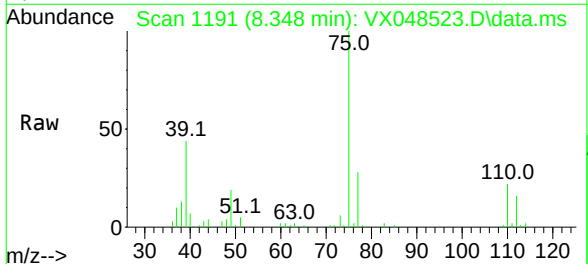
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

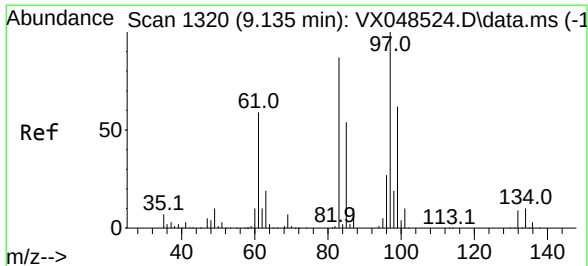
Tgt Ion:	75	Resp:	19075
Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.8	38.6



#54
 cis-1,3-Dichloropropene
 Concen: 5.556 ug/l
 RT: 8.348 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: VX048523.D
 Acq: 07 Nov 2025 16:08

Tgt Ion:	75	Resp:	21118
Ion	Ratio	Lower	Upper
75	100		
77	28.3	24.7	37.1
39	43.2	36.1	54.1

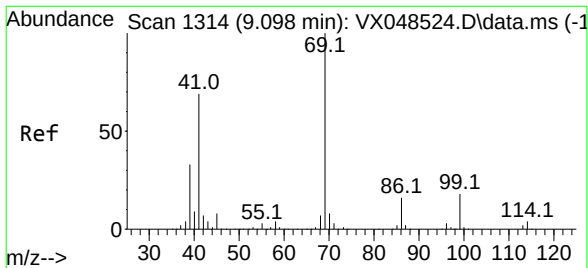
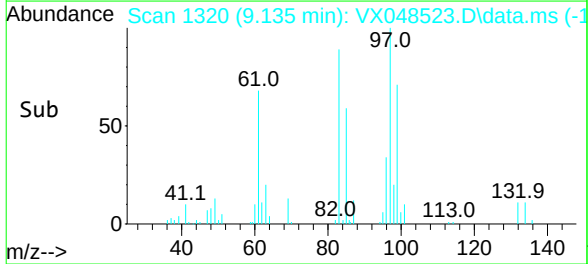
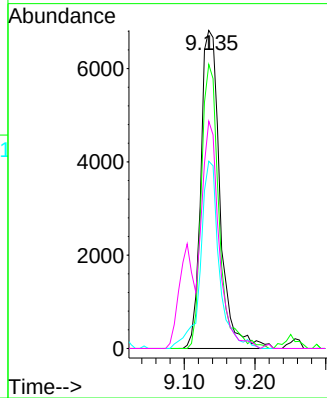
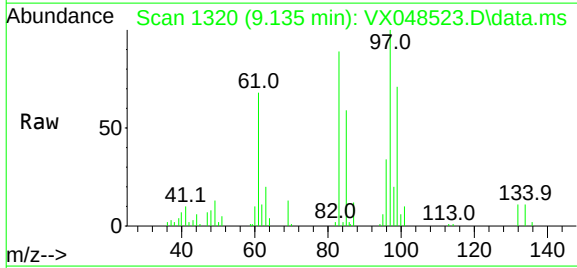




#55
1,1,2-Trichloroethane
Concen: 5.737 ug/l
RT: 9.135 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

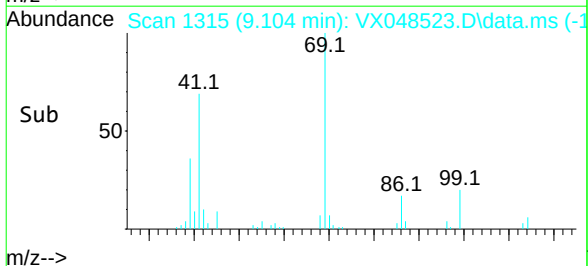
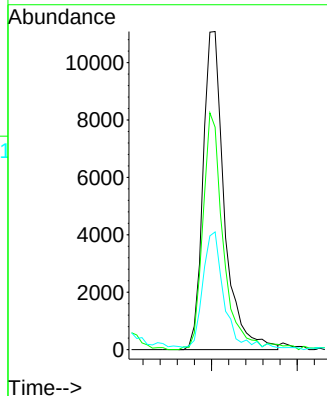
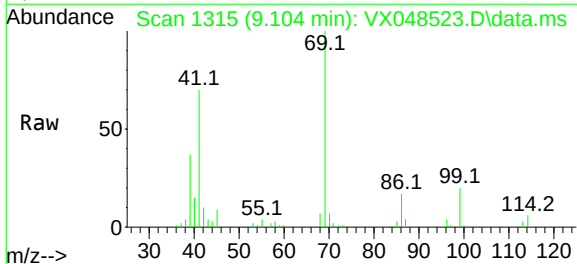
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

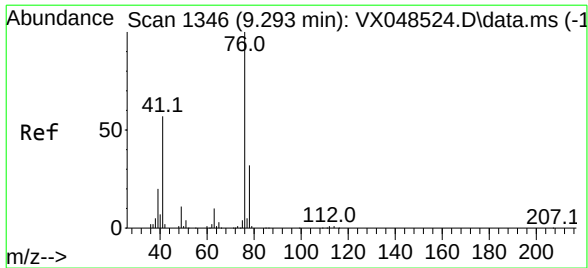
Tgt Ion:	97	Resp:	12851
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.2	103.8
85	58.9	42.8	64.2
99	71.4	49.7	74.5



#56
Ethyl methacrylate
Concen: 5.150 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion:	69	Resp:	19193
Ion	Ratio	Lower	Upper
69	100		
41	69.8	53.3	79.9
39	38.1	26.1	39.1

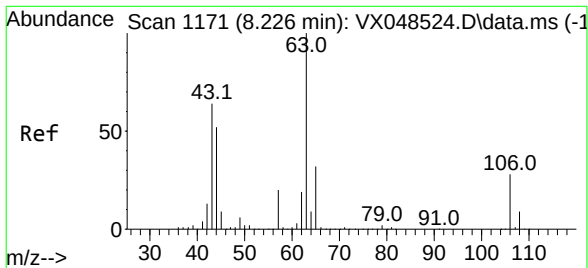
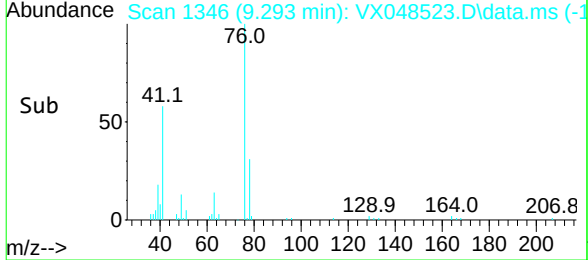
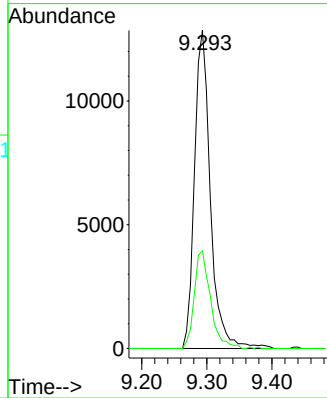
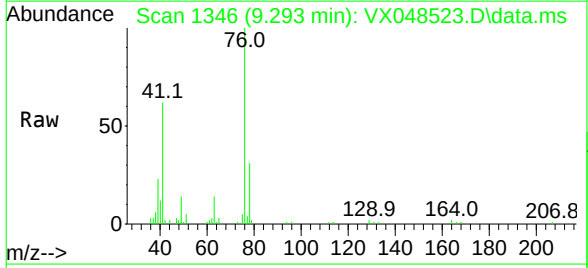




#57
1,3-Dichloropropane
Concen: 5.589 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

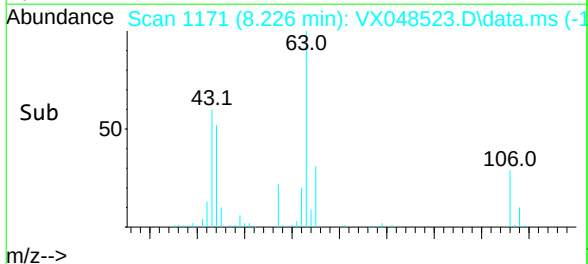
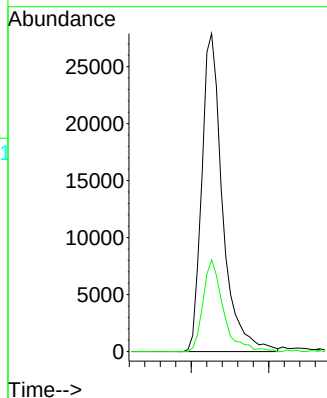
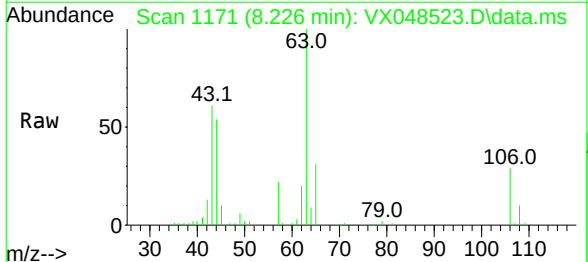
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

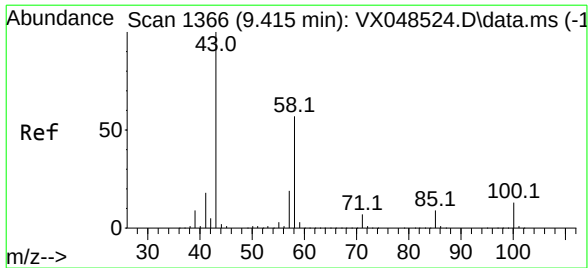
Tgt Ion: 76 Resp: 21791
Ion Ratio Lower Upper
76 100
78 31.4 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 26.105 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 63 Resp: 51839
Ion Ratio Lower Upper
63 100
106 28.1 23.0 34.4

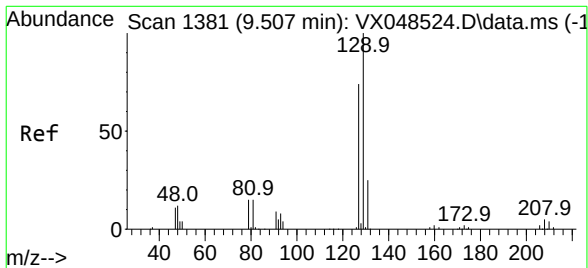
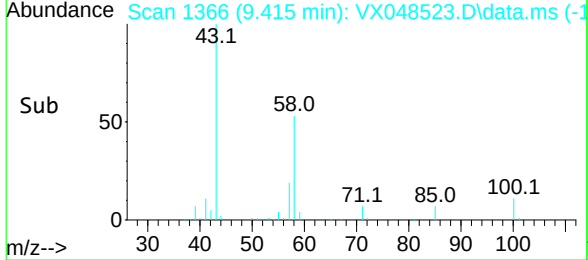
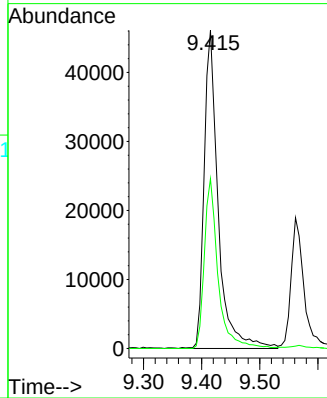
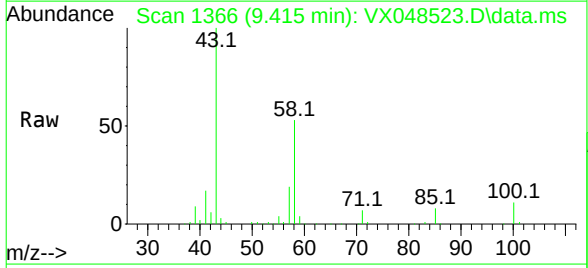




#59
2-Hexanone
Concen: 26.870 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

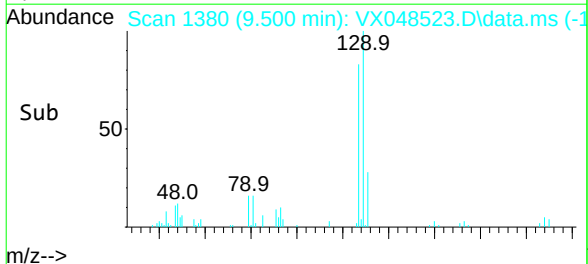
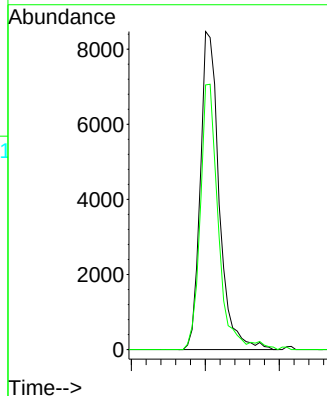
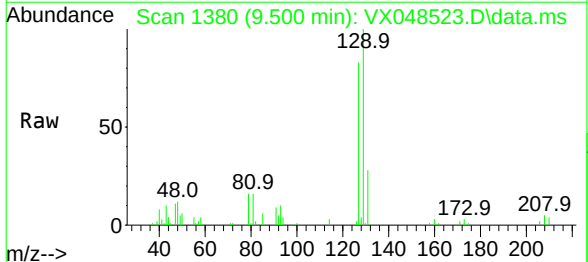
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

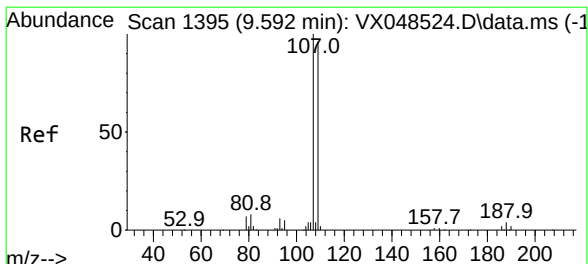
Tgt Ion: 43 Resp: 77339
Ion Ratio Lower Upper
43 100
58 52.1 28.1 84.2



#60
Dibromochloromethane
Concen: 5.454 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 129 Resp: 15001
Ion Ratio Lower Upper
129 100
127 79.0 38.0 114.0



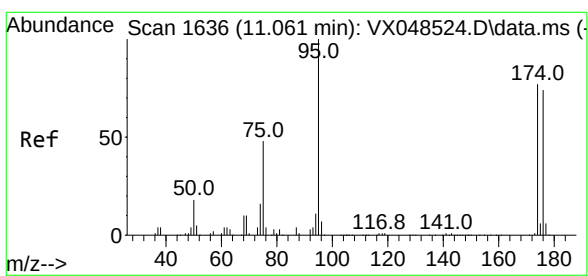
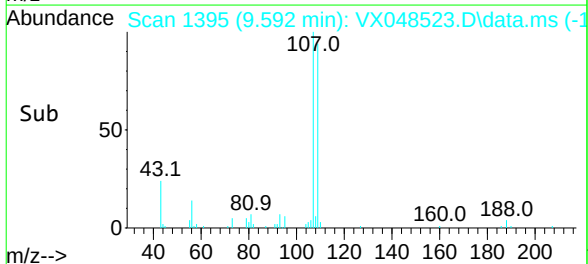
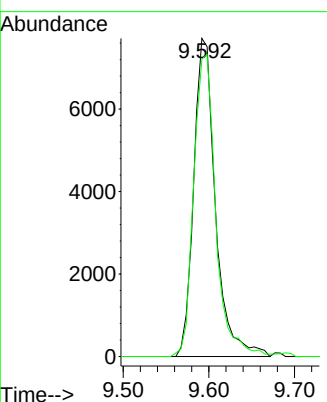
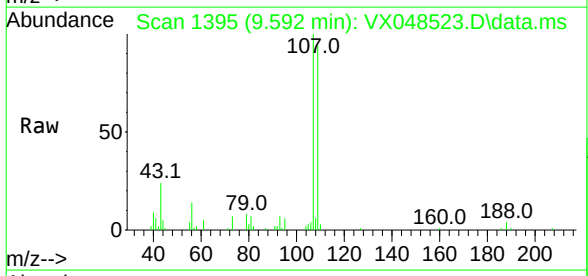


#61
 1,2-Dibromoethane
 Concen: 5.607 ug/l
 RT: 9.592 min Scan# 1395
 Delta R.T. 0.000 min
 Lab File: VX048523.D
 Acq: 07 Nov 2025 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 107 Resp: 13604

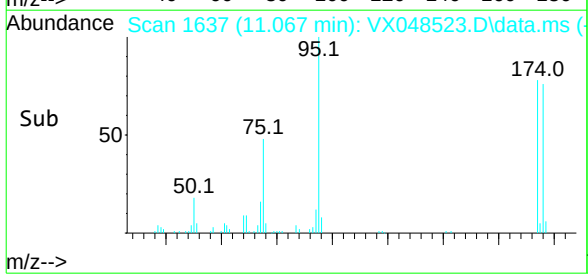
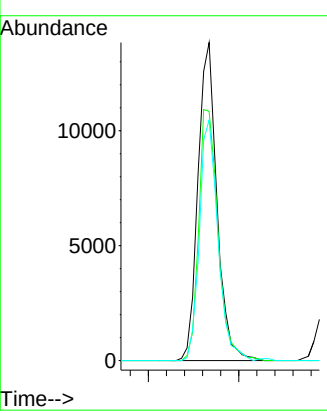
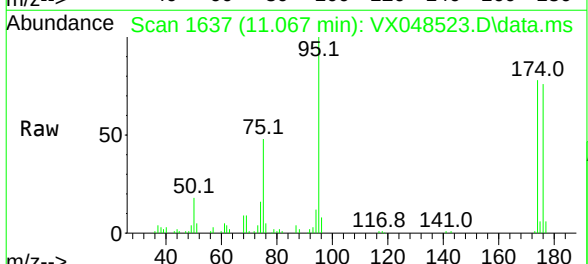
Ion	Ratio	Lower	Upper
107	100		
109	96.5	75.3	112.9

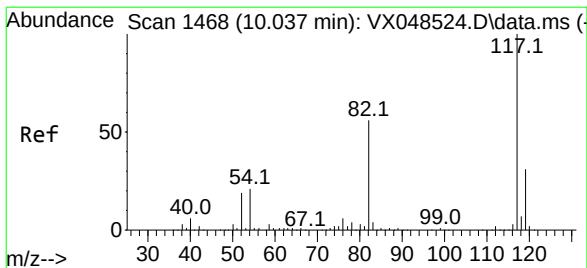


#62
 4-Bromofluorobenzene
 Concen: 6.759 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. 0.006 min
 Lab File: VX048523.D
 Acq: 07 Nov 2025 16:08

Tgt Ion: 95 Resp: 20155

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	161.8
176	74.0	0.0	153.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

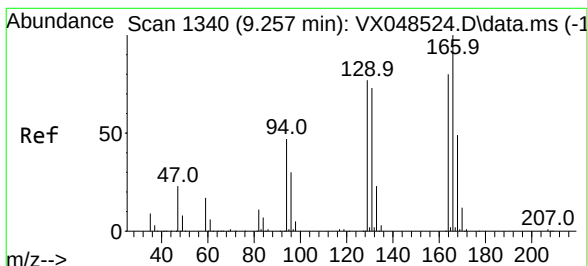
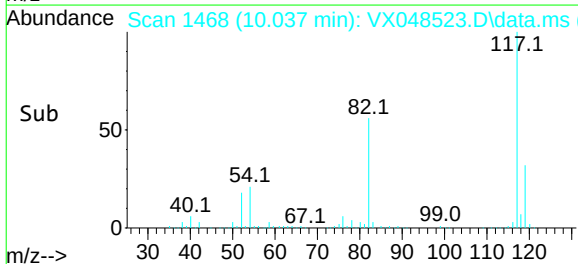
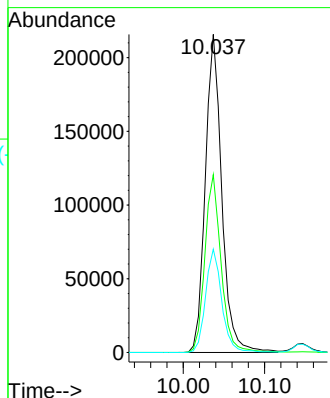
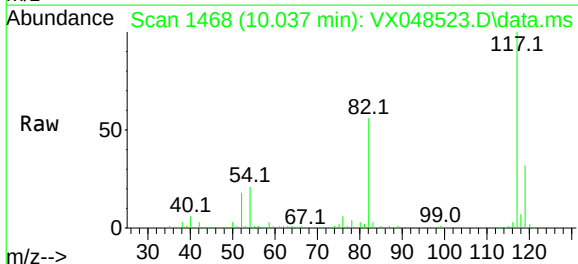
Tgt Ion:117 Resp: 303810

Ion Ratio Lower Upper

117 100

82 55.9 44.4 66.6

119 32.5 25.1 37.7



#64

Tetrachloroethene

Concen: 5.050 ug/l

RT: 9.257 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Tgt Ion:164 Resp: 11143

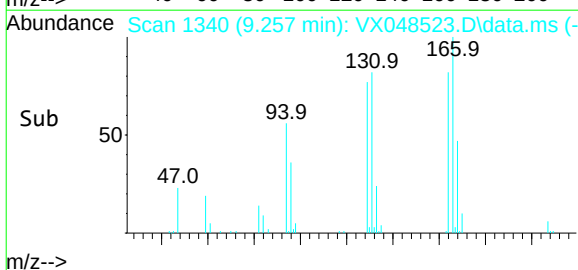
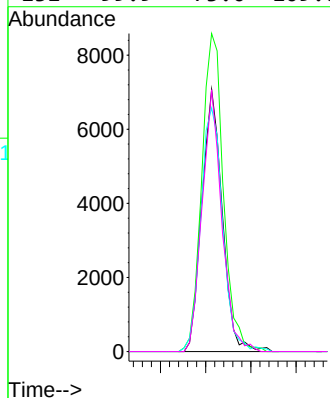
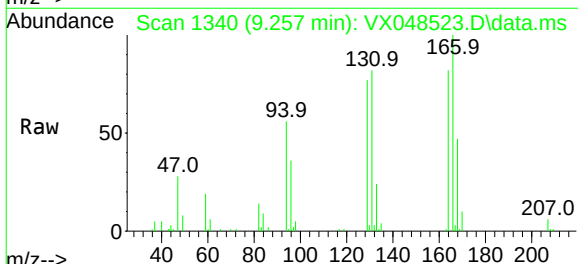
Ion Ratio Lower Upper

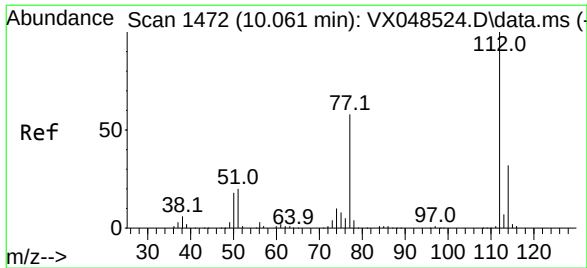
164 100

166 121.3 100.6 150.8

129 92.9 77.6 116.4

131 99.9 73.0 109.6





#65

Chlorobenzene

Concen: 5.169 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

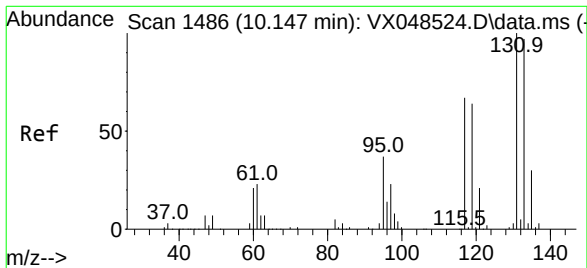
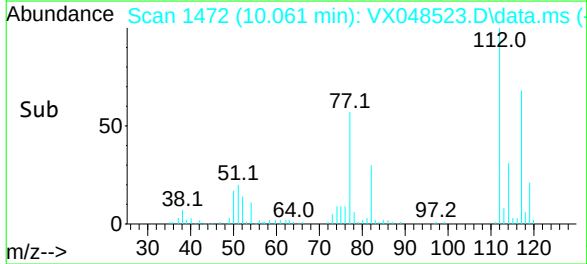
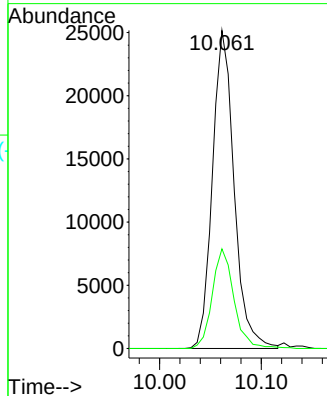
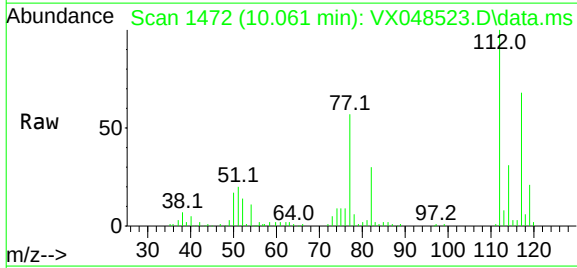
VSTDIC005

Tgt Ion:112 Resp: 37273

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 5.270 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

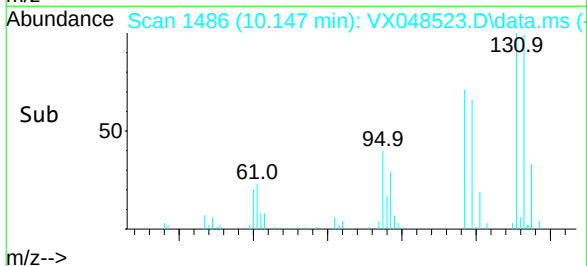
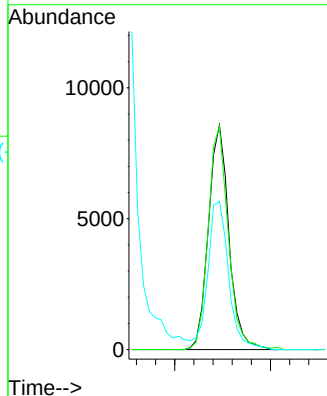
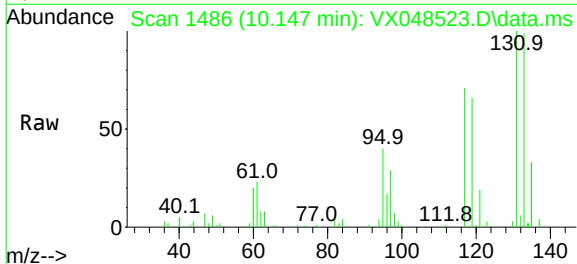
Tgt Ion:131 Resp: 12732

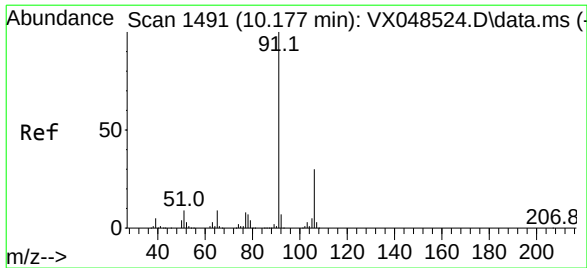
Ion Ratio Lower Upper

131 100

133 97.7 47.9 143.7

119 67.2 32.8 98.3





#67

Ethyl Benzene

Concen: 5.145 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

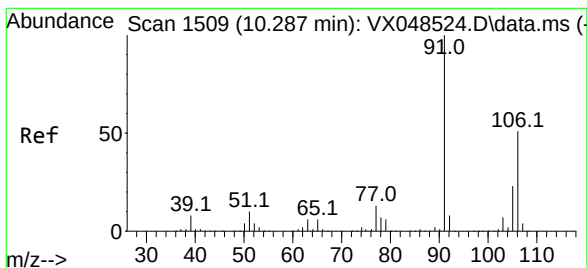
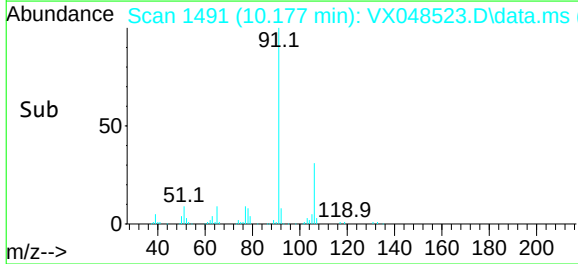
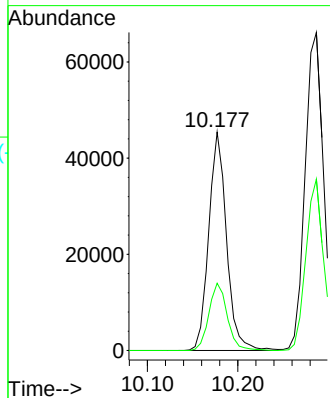
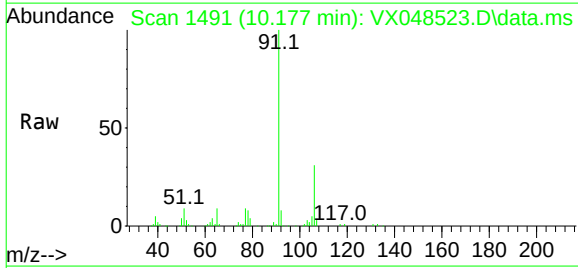
VSTDIC005

Tgt Ion: 91 Resp: 62296

Ion Ratio Lower Upper

91 100

106 30.8 24.1 36.1



#68

m/p-Xylenes

Concen: 10.937 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048523.D

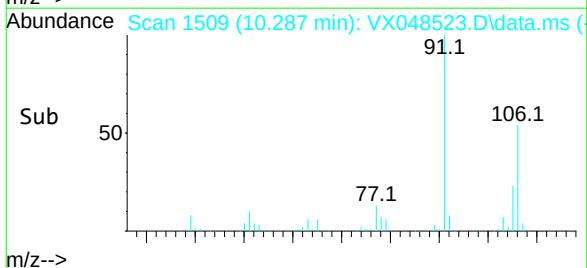
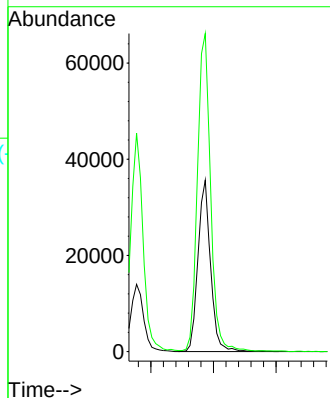
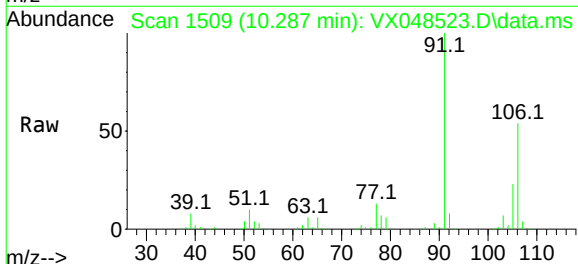
Acq: 07 Nov 2025 16:08

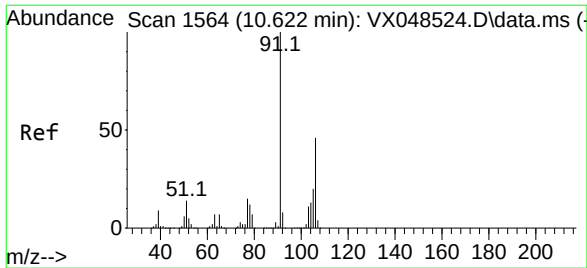
Tgt Ion: 106 Resp: 49879

Ion Ratio Lower Upper

106 100

91 192.3 159.6 239.4





#69

o-Xylene

Concen: 5.073 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

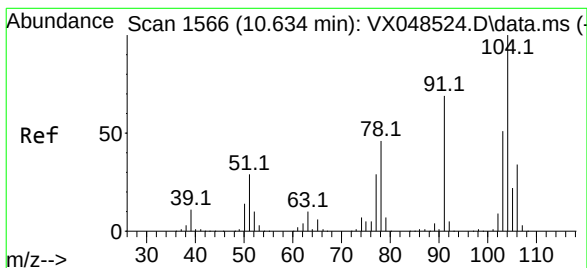
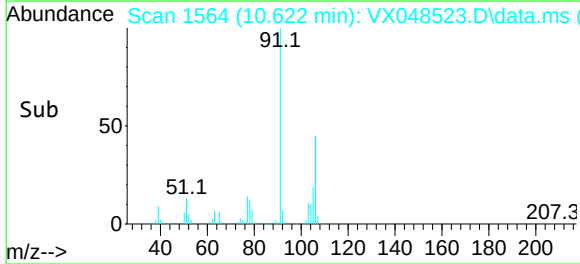
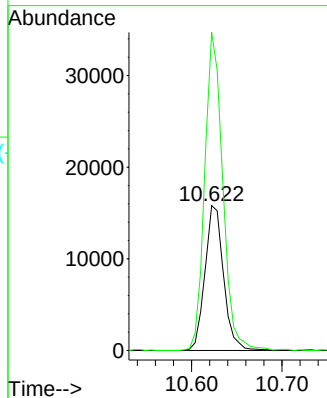
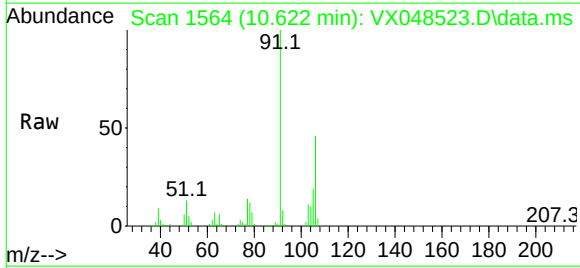
VSTDICC005

Tgt Ion:106 Resp: 22635

Ion Ratio Lower Upper

106 100

91 213.0 106.4 319.2



#70

Styrene

Concen: 4.961 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

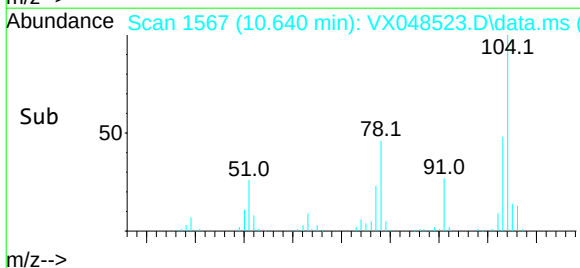
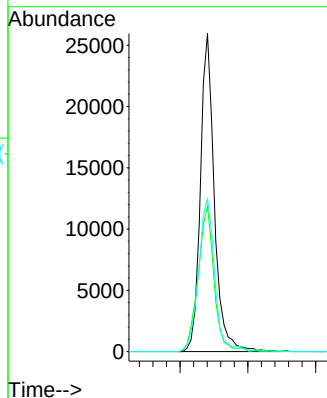
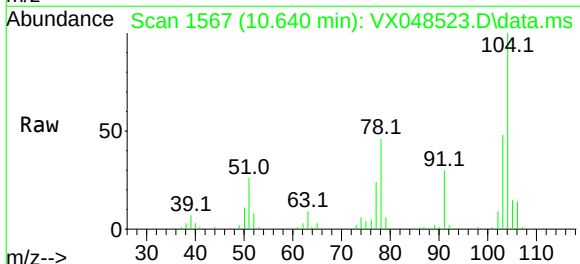
Tgt Ion:104 Resp: 37132

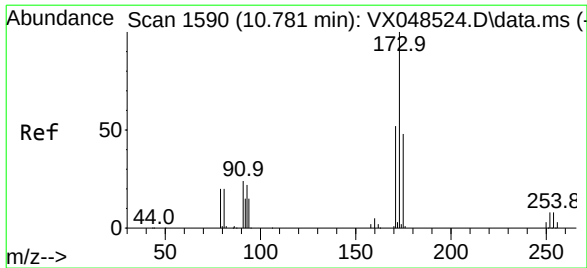
Ion Ratio Lower Upper

104 100

78 52.2 39.4 59.2

103 55.4 43.1 64.7





#71

Bromoform

Concen: 4.794 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

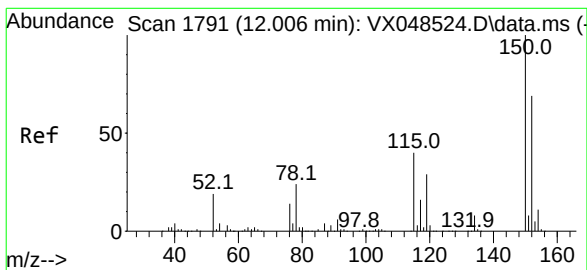
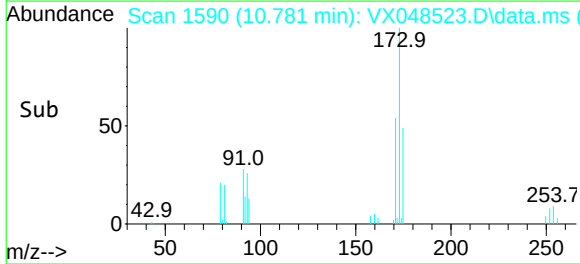
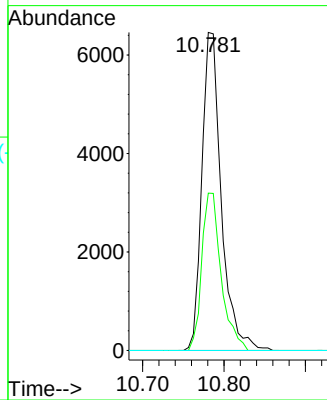
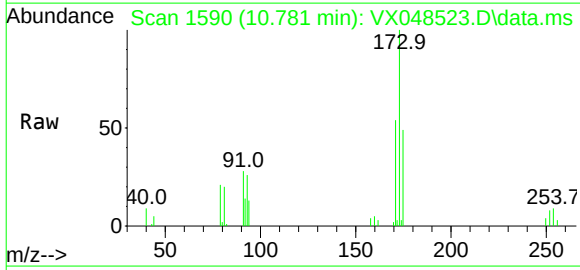
Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:	173	Resp:	10686
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.4	73.4
254	0.0	0.1	0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

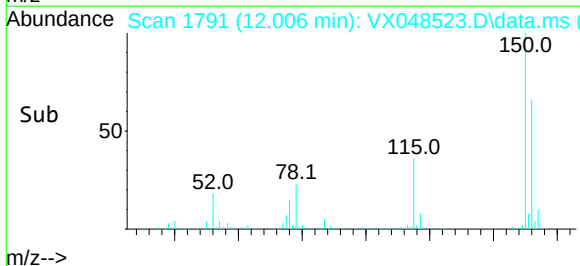
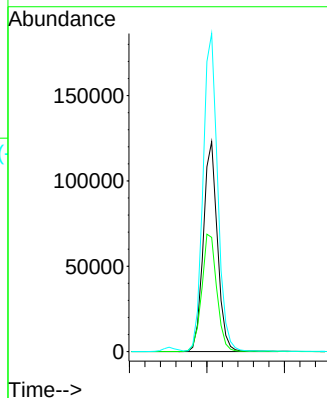
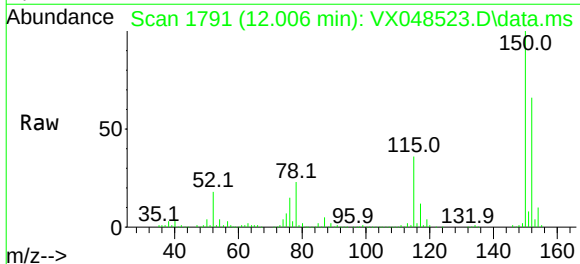
RT: 12.006 min Scan# 1791

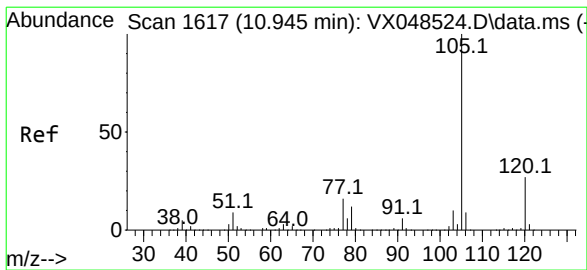
Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Tgt Ion:	152	Resp:	155416
Ion Ratio	Lower	Upper	
152	100		
115	59.7	39.2	117.6
150	156.4	0.0	347.0





#73

Isopropylbenzene

Concen: 5.170 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

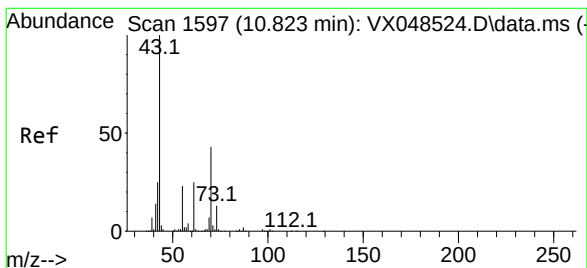
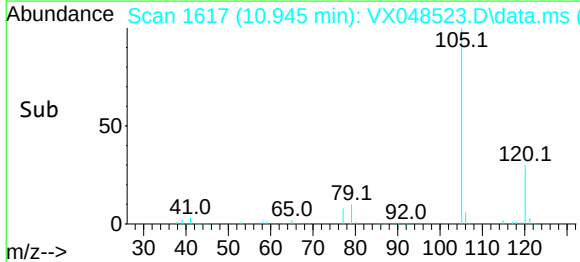
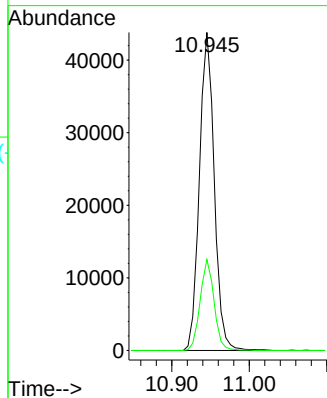
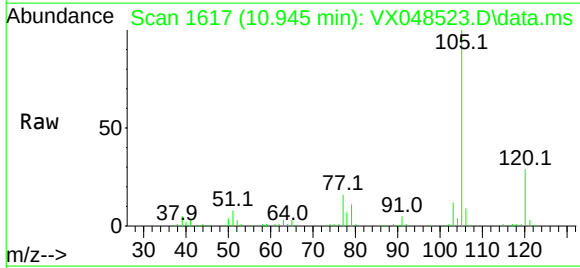
VSTDIC005

Tgt Ion:105 Resp: 58325

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



#74

N-ethyl acetate

Concen: 4.836 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Tgt Ion: 43 Resp: 27391

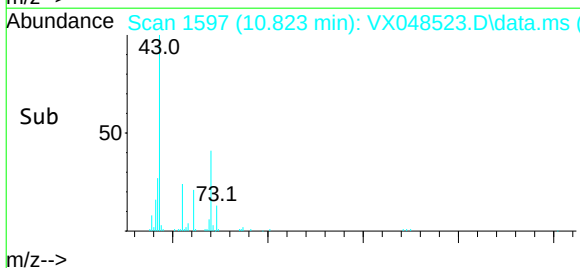
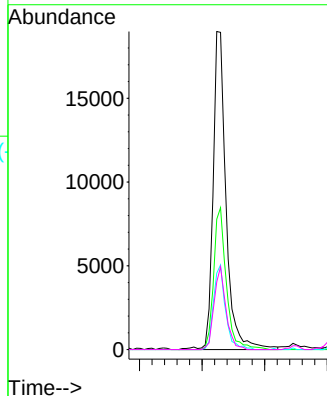
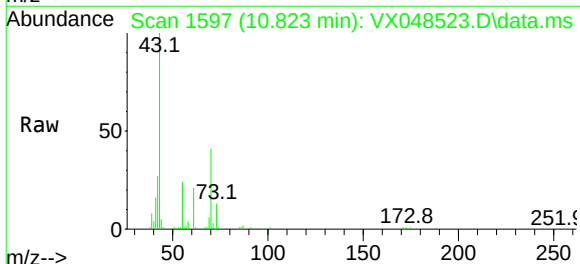
Ion Ratio Lower Upper

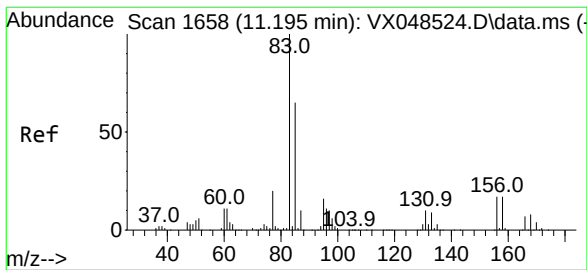
43 100

70 43.5 35.1 52.7

55 24.6 19.3 28.9

61 23.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.028 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

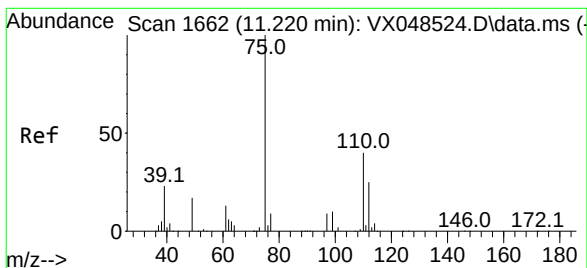
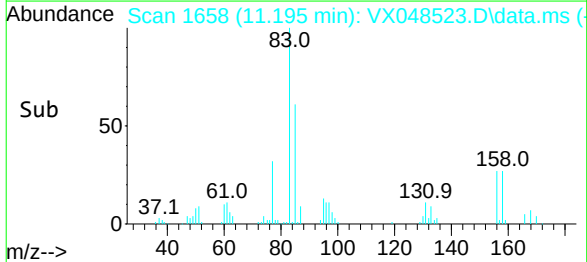
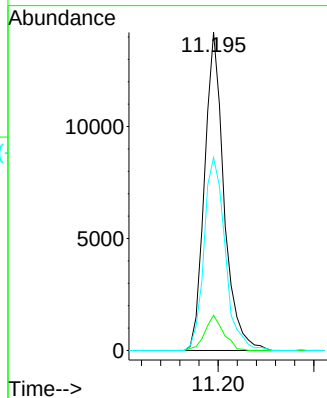
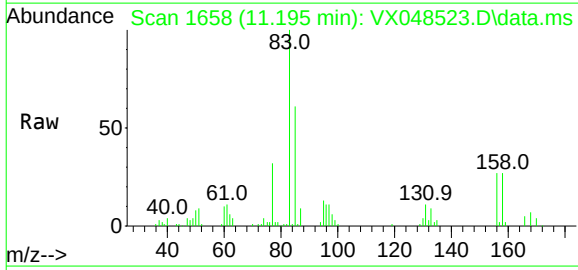
Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83	Resp: 20004
Ion Ratio	Lower Upper
83 100	
131 10.7	5.3 15.8
85 66.0	32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 7.101 ug/l

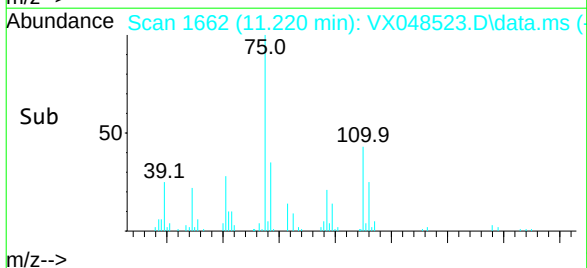
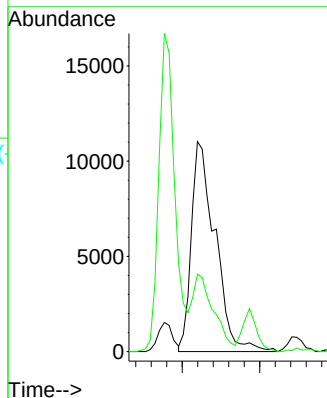
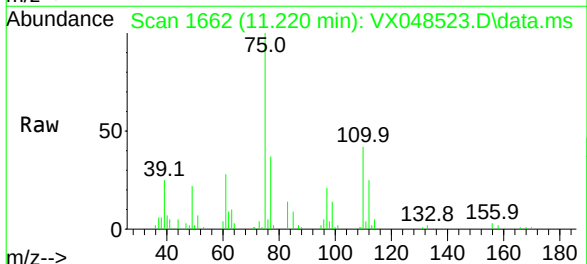
RT: 11.220 min Scan# 1662

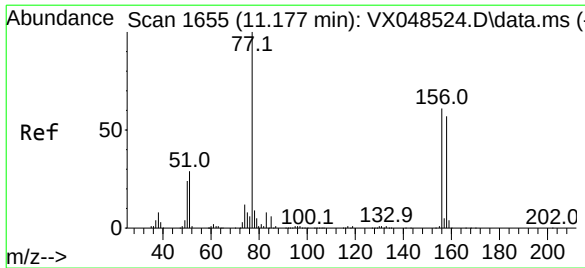
Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Tgt Ion: 75	Resp: 23529
Ion Ratio	Lower Upper
75 100	
77 32.6	24.3 72.8





#77

Bromobenzene

Concen: 5.165 ug/l

RT: 11.183 min Scan# 1655

Delta R.T. 0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

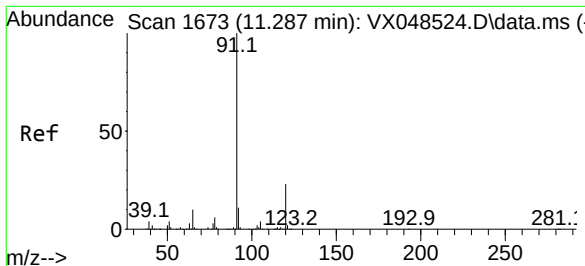
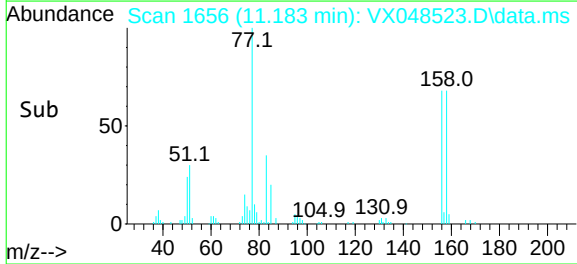
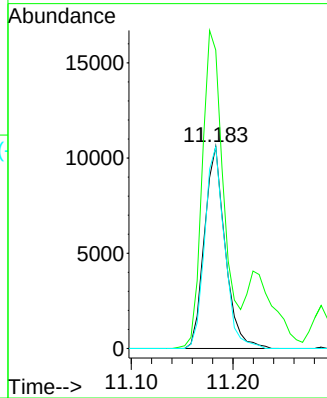
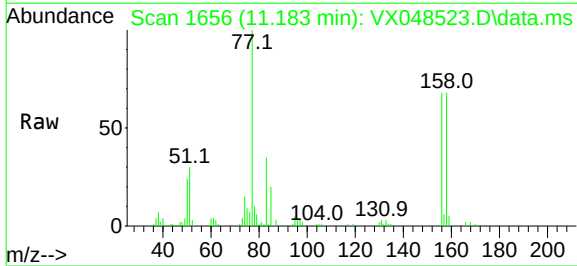
Tgt Ion:156 Resp: 15047

Ion Ratio Lower Upper

156 100

77 161.0 78.1 234.4

158 95.8 48.5 145.5



#78

n-propylbenzene

Concen: 5.288 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048523.D

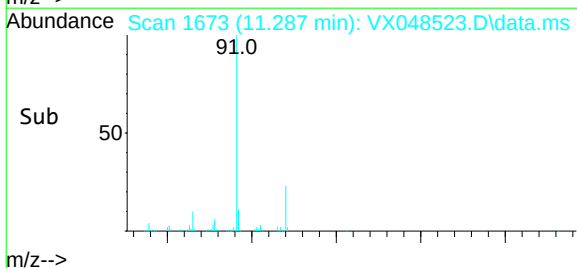
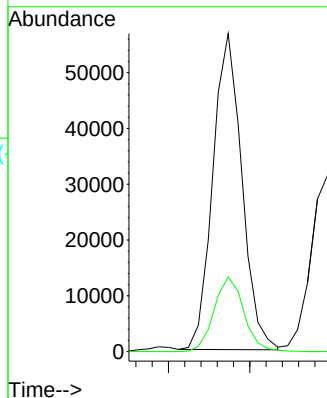
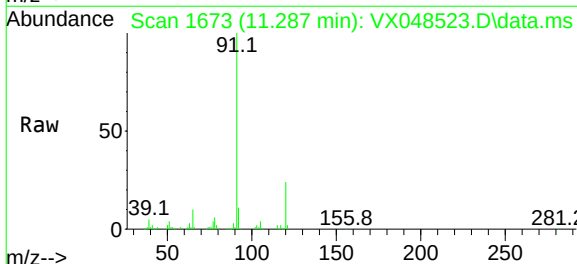
Acq: 07 Nov 2025 16:08

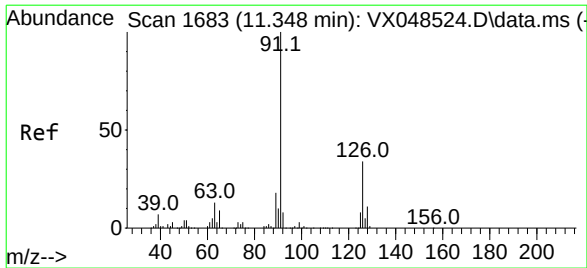
Tgt Ion: 91 Resp: 70141

Ion Ratio Lower Upper

91 100

120 24.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 5.209 ug/l

RT: 11.348 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

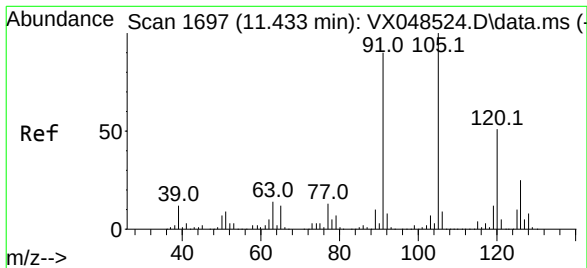
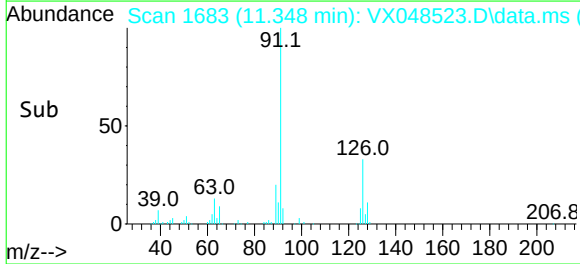
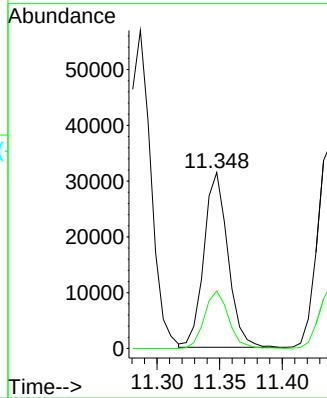
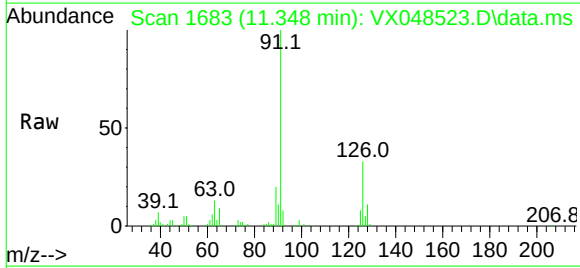
VSTDIC005

Tgt Ion: 91 Resp: 41753

Ion Ratio Lower Upper

91 100

126 33.2 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 5.375 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048523.D

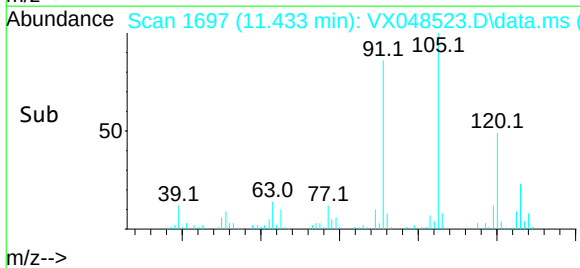
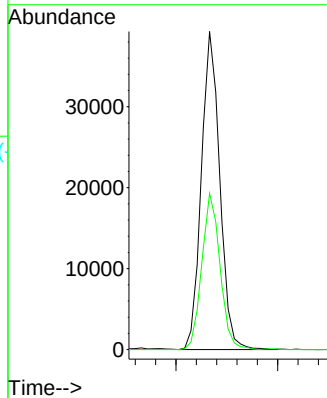
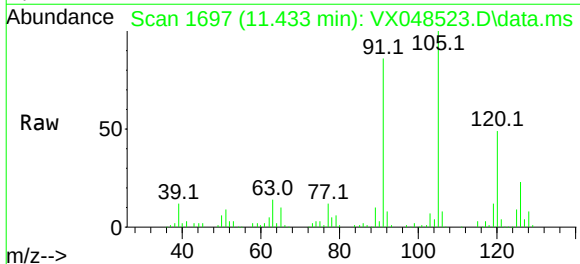
Acq: 07 Nov 2025 16:08

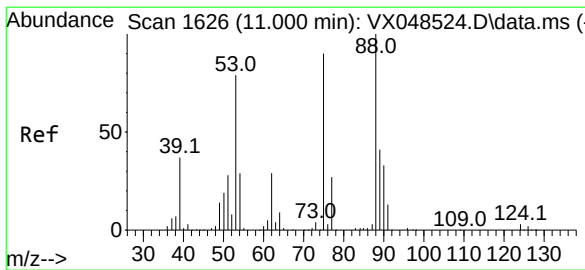
Tgt Ion:105 Resp: 49434

Ion Ratio Lower Upper

105 100

120 48.5 25.1 75.2

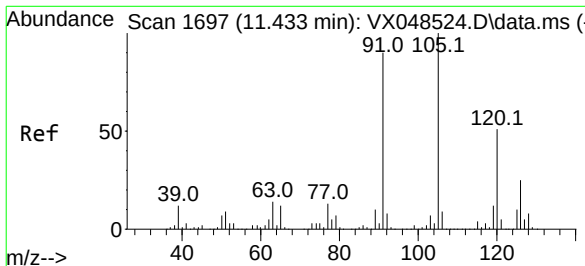
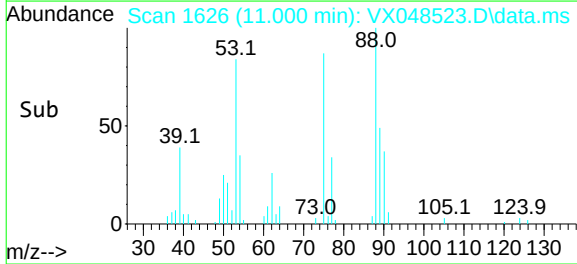
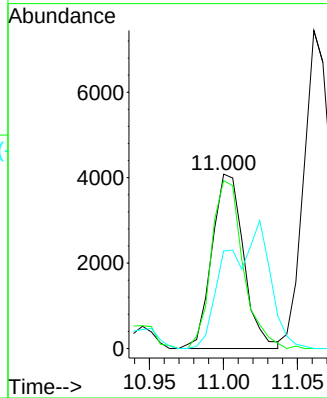
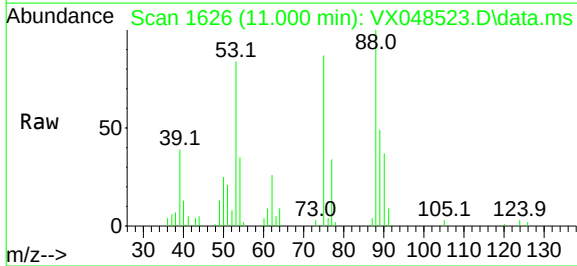




#81
trans-1,4-Dichloro-2-butene
Concen: 4.649 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

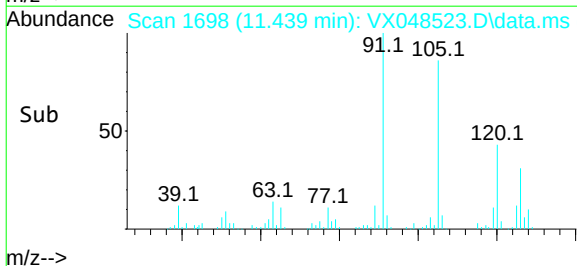
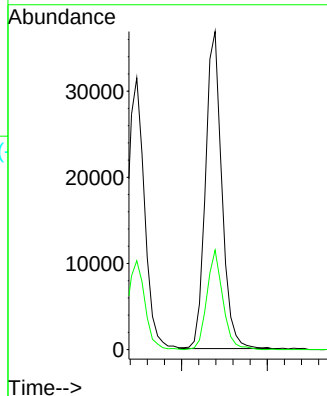
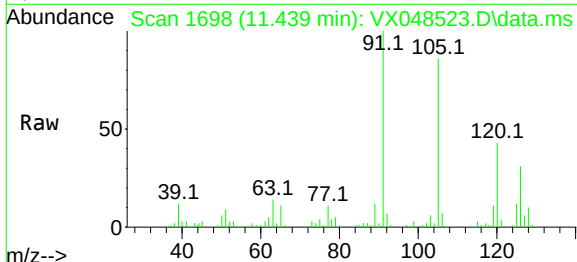
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

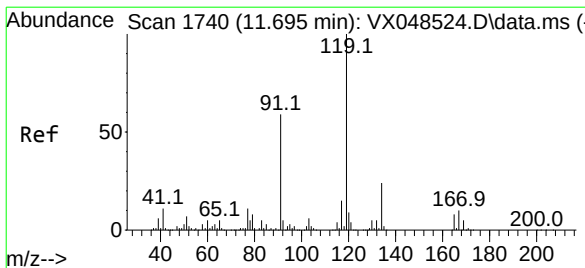
Tgt Ion: 75 Resp: 6086
Ion Ratio Lower Upper
75 100
53 96.4 72.4 108.6
89 0.0 43.6 65.4#



#82
4-Chlorotoluene
Concen: 5.181 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048523.D
Acq: 07 Nov 2025 16:08

Tgt Ion: 91 Resp: 48714
Ion Ratio Lower Upper
91 100
126 30.7 14.9 44.7





#83

tert-Butylbenzene

Concen: 5.333 ug/l

RT: 11.695 min Scan# 17

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

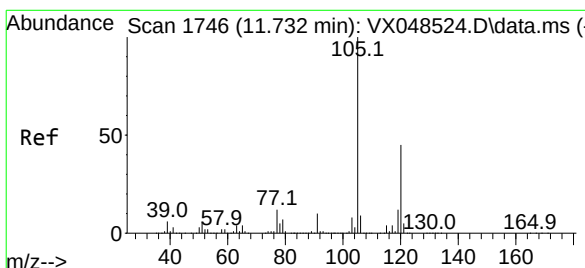
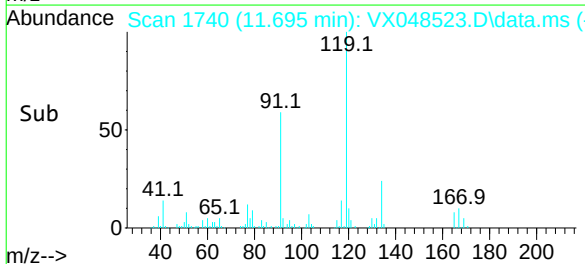
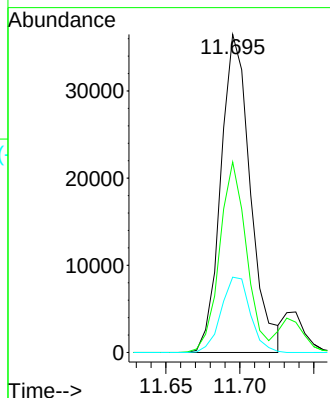
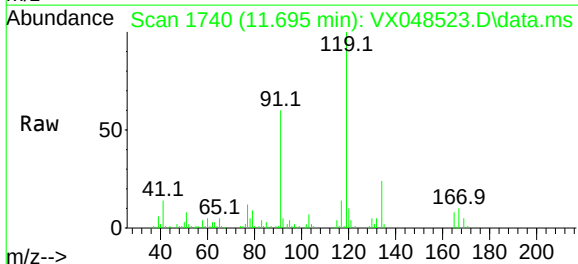
Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:	119	Resp:	50724
Ion	Ratio	Lower	Upper
119	100		
91	54.5	27.1	81.3
134	23.2	11.4	34.1



#84

1,2,4-Trimethylbenzene

Concen: 5.348 ug/l

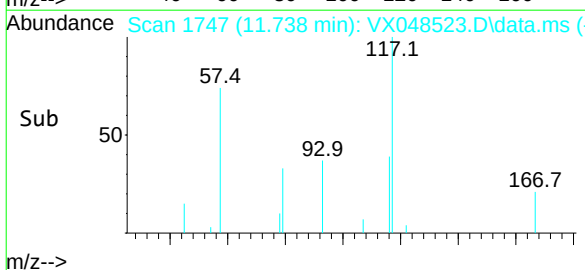
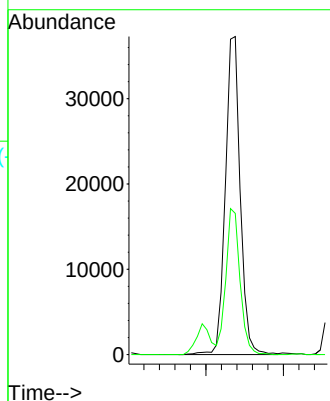
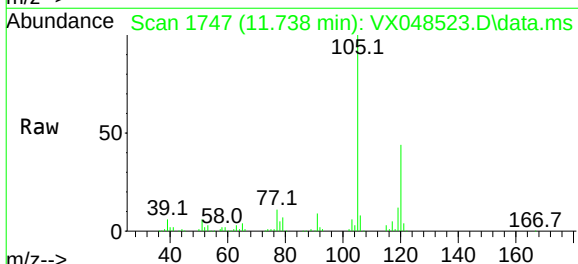
RT: 11.738 min Scan# 1747

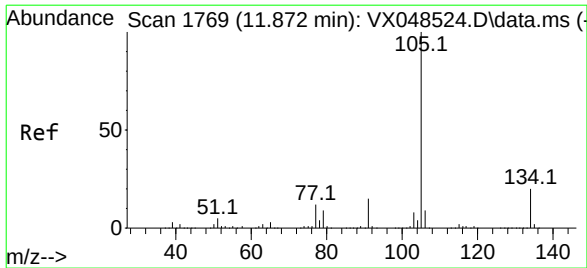
Delta R.T. 0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Tgt Ion:	105	Resp:	49620
Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.4	67.0





#85

sec-Butylbenzene

Concen: 5.436 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

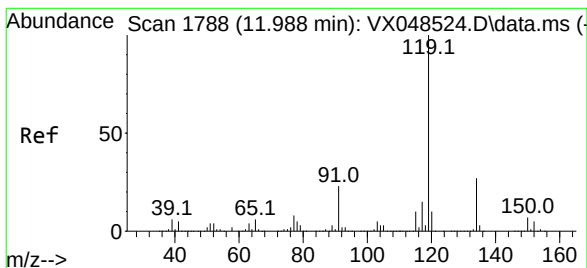
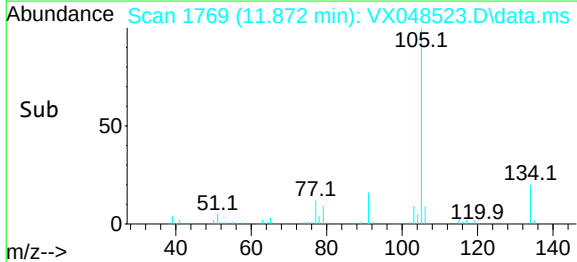
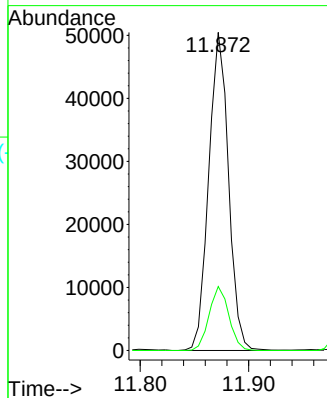
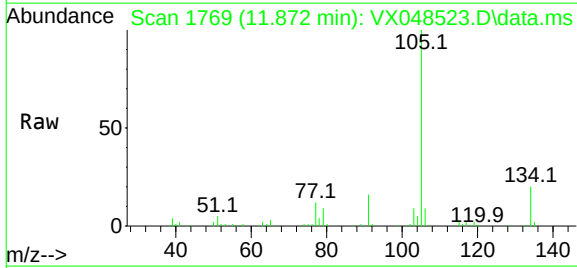
VSTDIC005

Tgt Ion:105 Resp: 63911

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 5.425 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

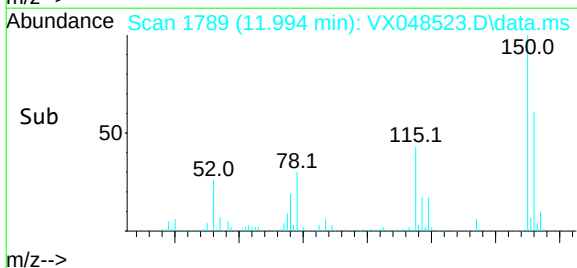
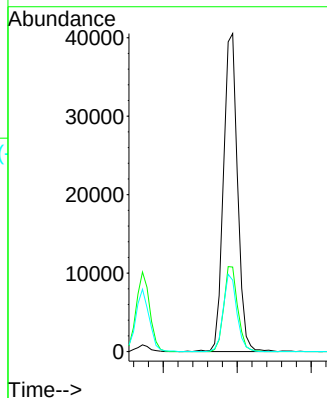
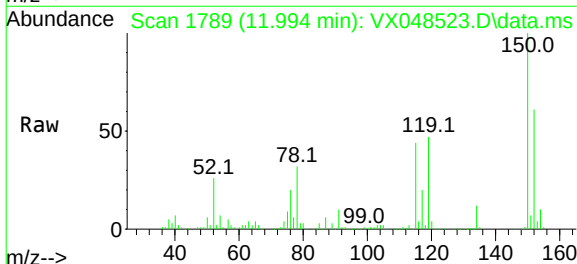
Tgt Ion:119 Resp: 53619

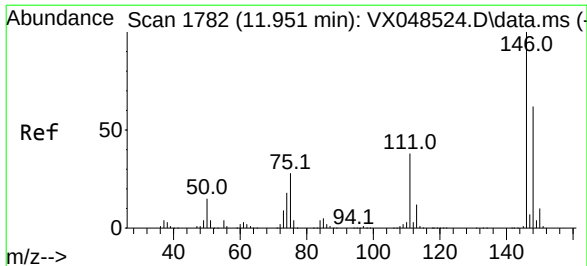
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 5.097 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048523.D

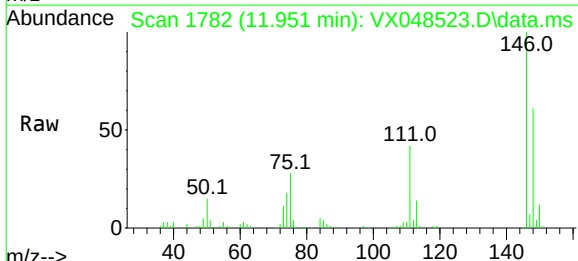
Acq: 07 Nov 2025 16:08

Instrument :

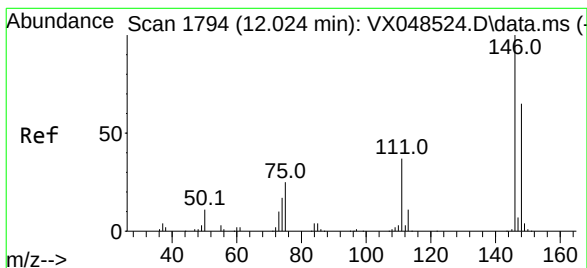
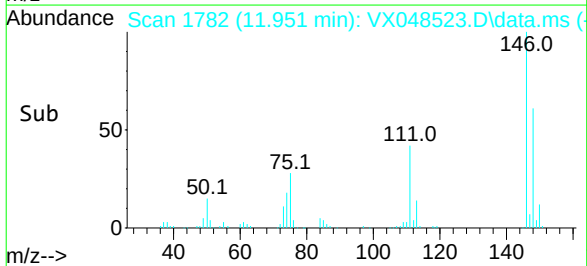
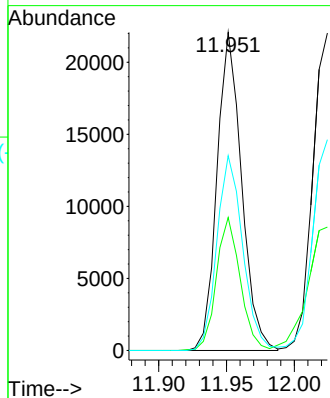
MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion:	146	Resp:	27829
Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.8	59.4
148	64.4	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 5.367 ug/l

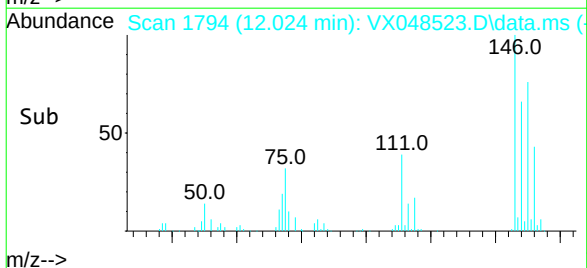
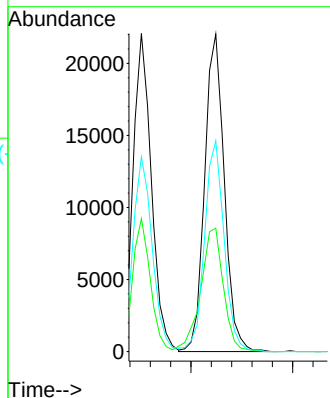
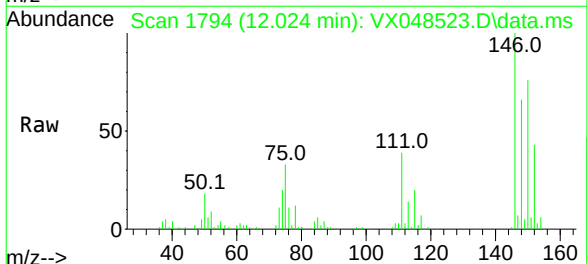
RT: 12.024 min Scan# 1794

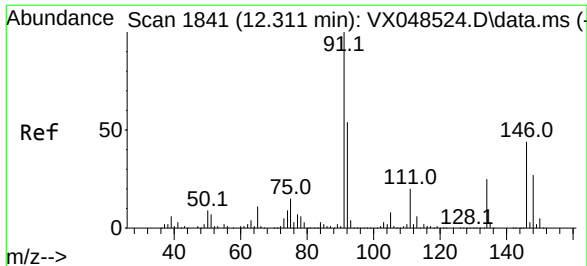
Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Tgt Ion:	146	Resp:	29566
Ion	Ratio	Lower	Upper
146	100		
111	45.2	19.2	57.6
148	66.4	31.9	95.9





#89

n-Butylbenzene

Concen: 5.221 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048523.D

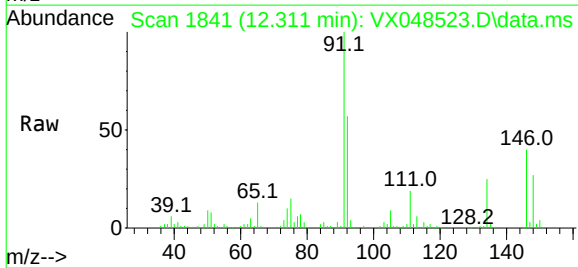
Acq: 07 Nov 2025 16:08

Instrument :

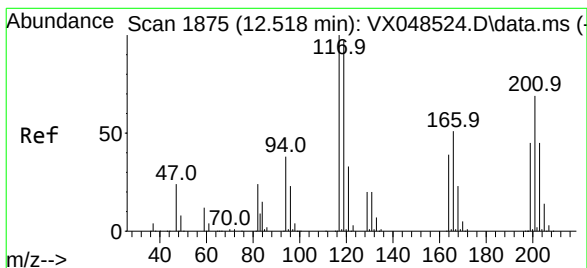
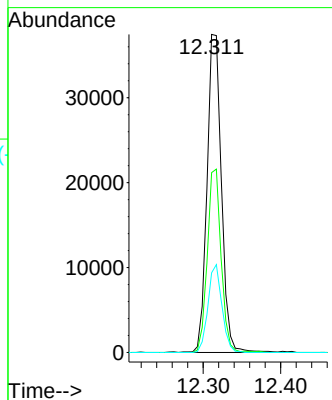
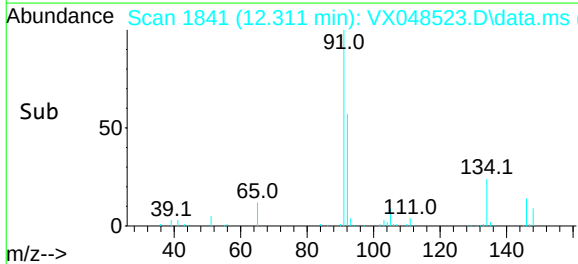
MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion:	91	Resp:	48406
Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.2	81.5
134	26.6	13.0	39.0



#90

Hexachloroethane

Concen: 5.086 ug/l

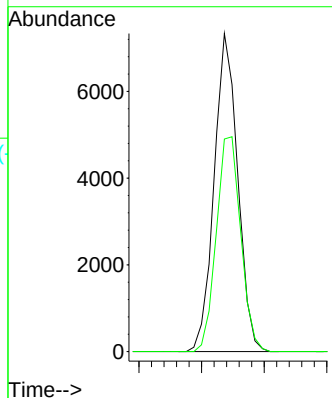
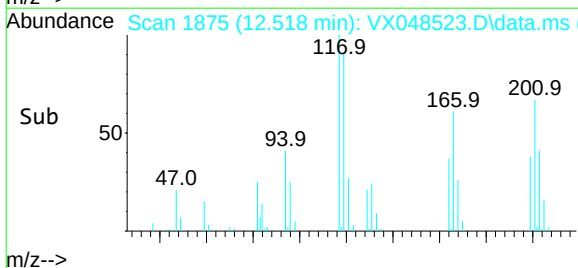
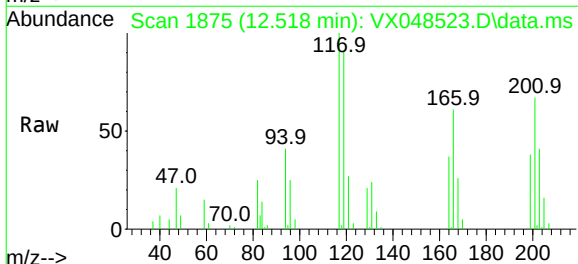
RT: 12.518 min Scan# 1875

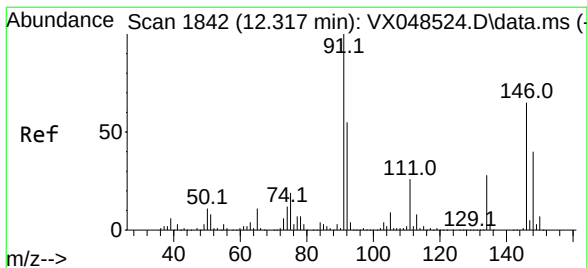
Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Tgt Ion:	117	Resp:	9577
Ion	Ratio	Lower	Upper
117	100		
201	70.1	35.9	107.8





#91

1,2-Dichlorobenzene

Concen: 5.275 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

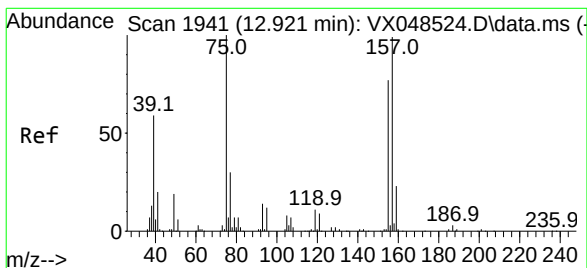
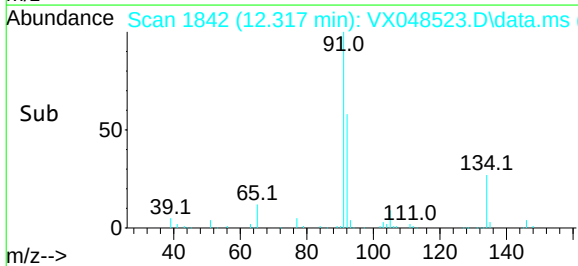
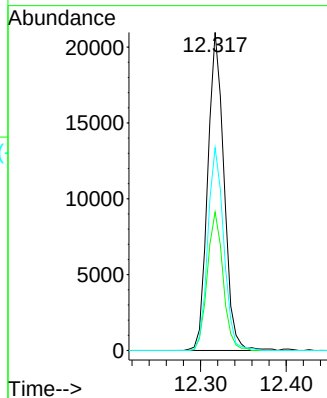
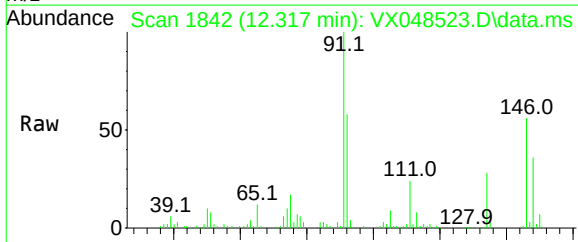
Tgt Ion:146 Resp: 27650

Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

148 62.5 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.814 ug/l

RT: 12.927 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

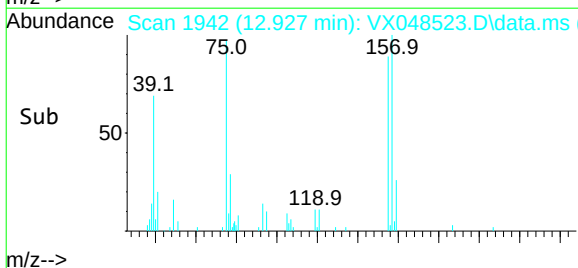
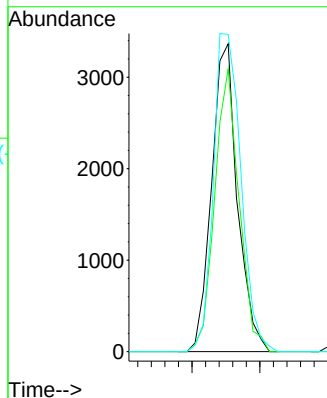
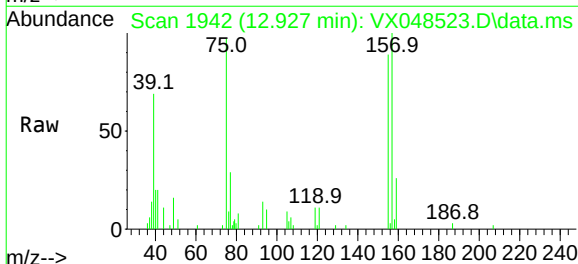
Tgt Ion: 75 Resp: 4451

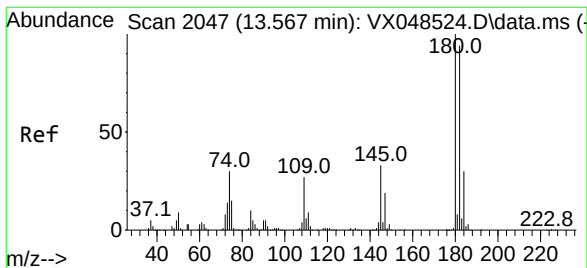
Ion Ratio Lower Upper

75 100

155 86.8 43.5 130.7

157 110.3 54.8 164.4





#93

1,2,4-Trichlorobenzene

Concen: 5.137 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

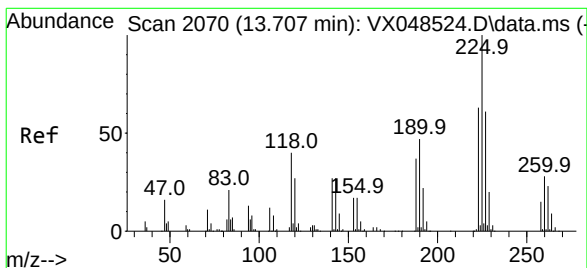
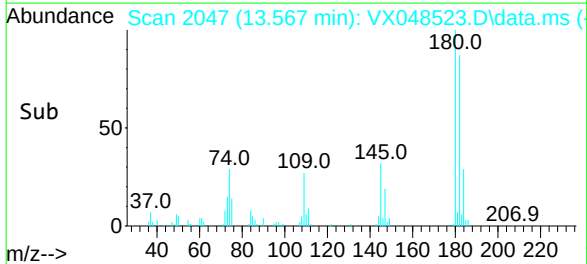
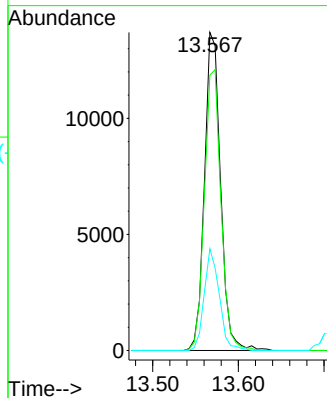
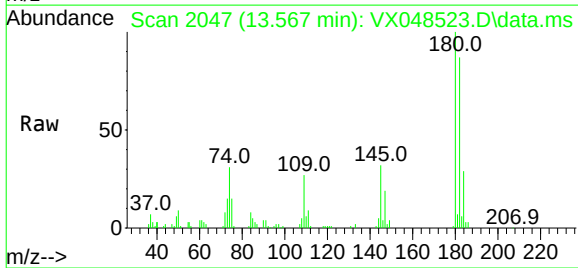
Tgt Ion:180 Resp: 17890

Ion Ratio Lower Upper

180 100

182 90.9 47.5 142.6

145 30.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 5.341 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

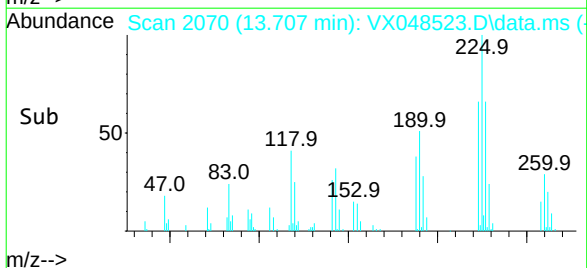
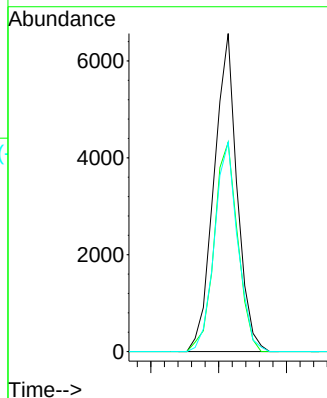
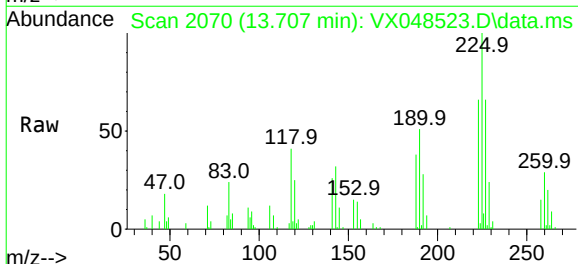
Tgt Ion:225 Resp: 7776

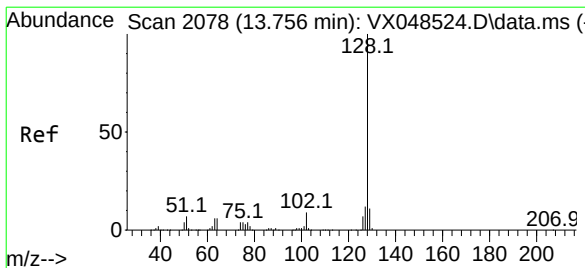
Ion Ratio Lower Upper

225 100

223 66.9 30.6 92.0

227 66.2 32.5 97.4





#95

Naphthalene

Concen: 4.979 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

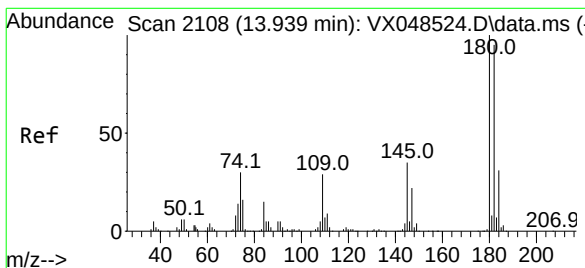
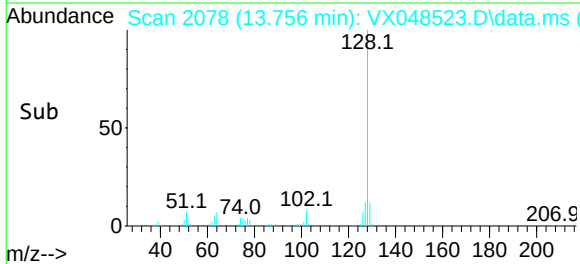
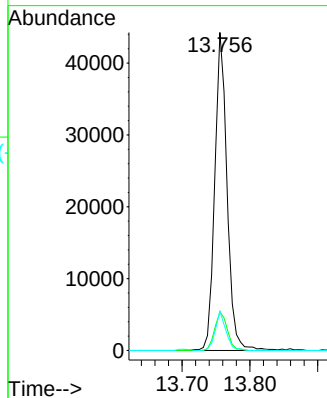
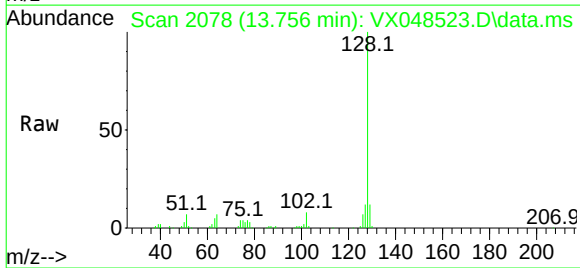
Tgt Ion:128 Resp: 55759

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 5.025 ug/l

RT: 13.945 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX048523.D

Acq: 07 Nov 2025 16:08

Tgt Ion:180 Resp: 16279

Ion Ratio Lower Upper

180 100

182 92.8 47.3 142.0

145 34.0 16.7 50.0

