

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
 Data File : VX048520.D
 Acq On : 07 Nov 2025 14:58
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 08 04:41:17 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	5.544	168	179485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	297765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	243155	97.224	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	194.440%#	
35) Dibromofluoromethane	5.373	113	212256	94.182	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	188.360%#	
50) Toluene-d8	8.635	98	720420	102.495	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	204.980%#	
62) 4-Bromofluorobenzene	11.061	95	264846	101.109	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	202.220%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.173	85	162366	111.639	ug/l	99
3) Chloromethane	1.301	50	208707	108.195	ug/l	99
4) Vinyl Chloride	1.380	62	215712	98.767	ug/l	99
5) Bromomethane	1.605	94	107975	78.215	ug/l	98
6) Chloroethane	1.685	64	132914	92.926	ug/l	100
7) Trichlorofluoromethane	1.892	101	329740	95.432	ug/l	99
8) Diethyl Ether	2.136	74	134965	97.310	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	196084	98.026	ug/l	99
10) Methyl Iodide	2.453	142	300124	101.382	ug/l	99
11) Tert butyl alcohol	2.959	59	237309	500.751	ug/l	98
12) 1,1-Dichloroethene	2.325	96	199260	95.367	ug/l	96
13) Acrolein	2.239	56	31030	456.759	ug/l	97
14) Allyl chloride	2.666	41	362419	93.164	ug/l	99
15) Acrylonitrile	3.056	53	663857	479.859	ug/l	99
16) Acetone	2.374	43	568356	480.092	ug/l	99
17) Carbon Disulfide	2.514	76	527024	89.637	ug/l	100
18) Methyl Acetate	2.697	43	293788	90.303	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	712323	96.543	ug/l	99
20) Methylene Chloride	2.788	84	223836	91.966	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	209909	94.789	ug/l	98
22) Diisopropyl ether	3.751	45	709722	95.012	ug/l	97
23) Vinyl Acetate	3.715	43	3136295	479.414	ug/l	100
24) 1,1-Dichloroethane	3.605	63	388811	94.862	ug/l	99
25) 2-Butanone	4.538	43	843690	481.750	ug/l	99
26) 2,2-Dichloropropane	4.465	77	335236	95.939	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	252407	93.248	ug/l	98
28) Bromochloromethane	4.885	49	187288	93.016	ug/l	99
29) Tetrahydrofuran	4.989	42	575336	461.240	ug/l	99
30) Chloroform	5.086	83	396642	93.738	ug/l	99
31) Cyclohexane	5.458	56	321505	95.734	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	351320	95.136	ug/l	99
36) 1,1-Dichloropropene	5.678	75	269881	89.431	ug/l	99
37) Ethyl Acetate	4.696	43	386137	90.900	ug/l	99
38) Carbon Tetrachloride	5.666	117	309414	90.070	ug/l	99
39) Methylcyclohexane	7.367	83	334291	98.656	ug/l	96
40) Benzene	6.025	78	831305	88.867	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	164274	87.935	ug/l	95
42) 1,2-Dichloroethane	6.068	62	291402	90.918	ug/l	99
43) Isopropyl Acetate	6.324	43	540612	90.535	ug/l	100
44) Trichloroethene	7.110	130	218005	97.499	ug/l	98
45) 1,2-Dichloropropane	7.415	63	209425	97.368	ug/l	100
46) Dibromomethane	7.568	93	156924	100.030	ug/l	98
47) Bromodichloromethane	7.805	83	321173	102.623	ug/l	97
48) Methyl methacrylate	7.677	41	266560	100.420	ug/l	100
49) 1,4-Dioxane	7.647	88	89615	2215.601	ug/l	97
51) 4-Methyl-2-Pentanone	8.561	43	1705402	501.730	ug/l	99
52) Toluene	8.702	92	517017	104.979	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	334066	103.593	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	354217	106.080	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	205483	104.430	ug/l	98
56) Ethyl methacrylate	9.104	69	353946	108.118	ug/l	98
57) 1,3-Dichloropropane	9.293	76	345885	100.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	972237	557.345	ug/l	100
59) 2-Hexanone	9.415	43	1278151	505.516	ug/l	100
60) Dibromochloromethane	9.506	129	255107	105.596	ug/l	98
61) 1,2-Dibromoethane	9.592	107	222500	104.402	ug/l	100
64) Tetrachloroethene	9.256	164	177093	94.858	ug/l	96
65) Chlorobenzene	10.061	112	571492	93.674	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	204743	100.159	ug/l	99
67) Ethyl Benzene	10.177	91	976399	95.307	ug/l	98
68) m/p-Xylenes	10.287	106	756955	196.183	ug/l	99
69) o-Xylene	10.628	106	367131	97.252	ug/l	100
70) Styrene	10.640	104	630372	99.544	ug/l	100
71) Bromoform	10.781	173	184392	97.773	ug/l	99
73) Isopropylbenzene	10.945	105	937990	97.838	ug/l	99
74) N-amyl acetate	10.829	43	459285	95.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	318823	94.300	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	381515	135.475	ug/l	75
77) Bromobenzene	11.183	156	240181	97.018	ug/l	99
78) n-propylbenzene	11.287	91	1082239	96.002	ug/l	99
79) 2-Chlorotoluene	11.348	91	658434	96.659	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	769561	98.464	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	117309	105.450	ug/l	98
82) 4-Chlorotoluene	11.439	91	770164	96.385	ug/l	100
83) tert-Butylbenzene	11.695	119	801942	99.204	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	779410	98.837	ug/l	99
85) sec-Butylbenzene	11.872	105	962376	96.323	ug/l	100
86) p-Isopropyltoluene	11.994	119	825080	98.227	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	443784	95.645	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	441447	94.299	ug/l	99
89) n-Butylbenzene	12.317	91	761466	96.635	ug/l	99
90) Hexachloroethane	12.518	117	157787	98.594	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	429792	96.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	78635	100.084	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	289894	97.941	ug/l	99
94) Hexachlorobutadiene	13.707	225	111275	89.932	ug/l	98
95) Naphthalene	13.756	128	985717	103.580	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	277082	100.642	ug/l	100

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VSTDICC100

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

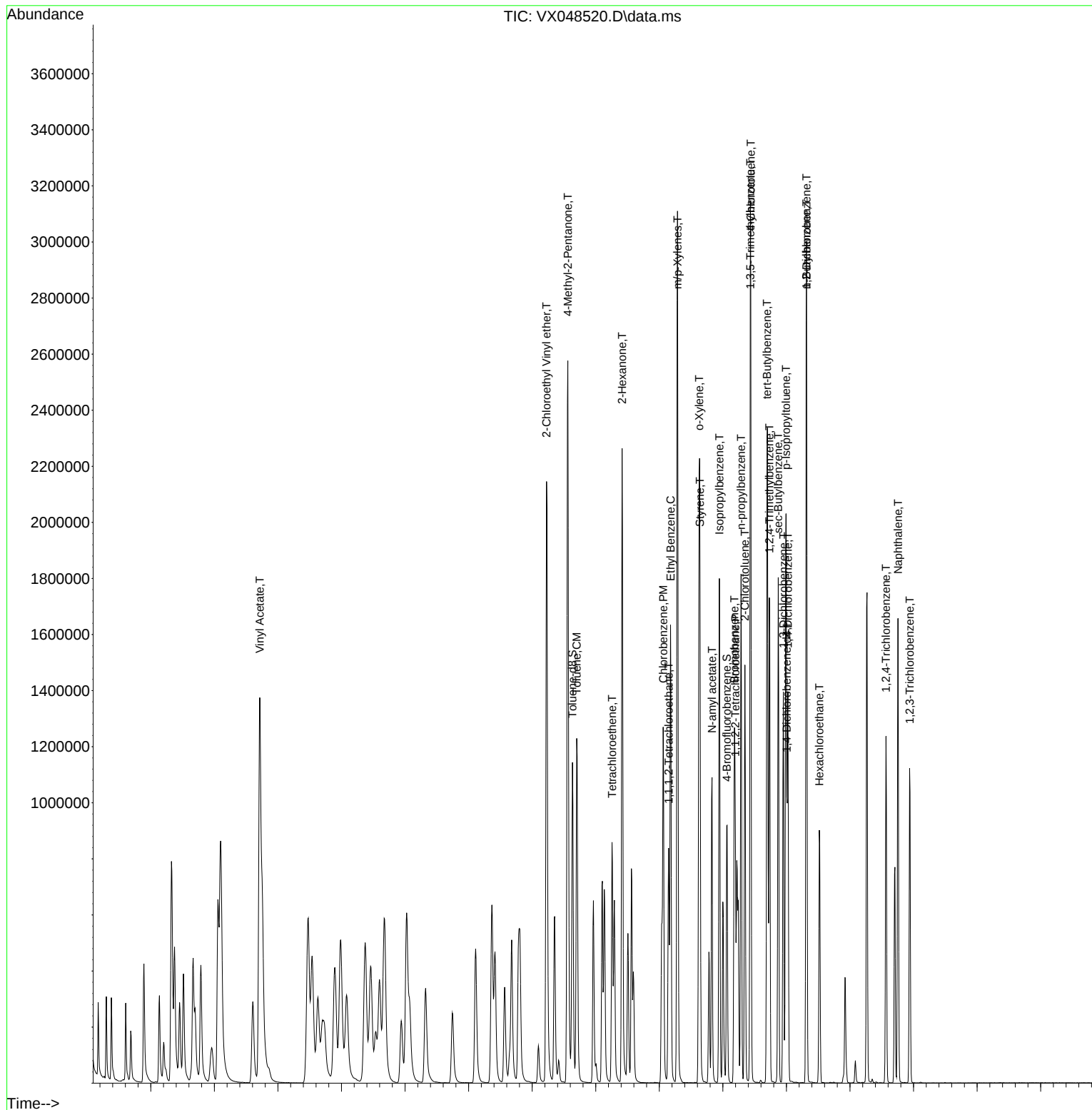
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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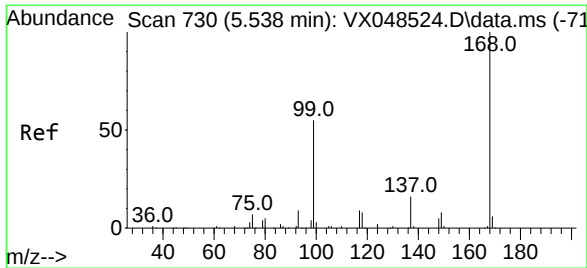
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : JC/MD  
Sample    : VSTDICC100  
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ALS Vial  : 6    Sample Multiplier: 1
```

Instrument :
MSVOA_X
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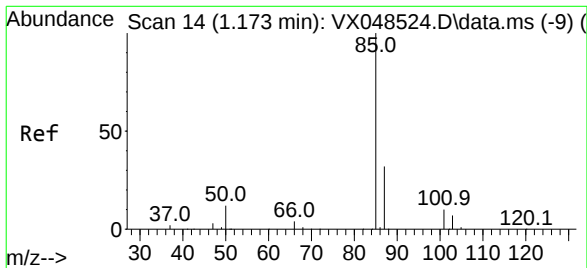
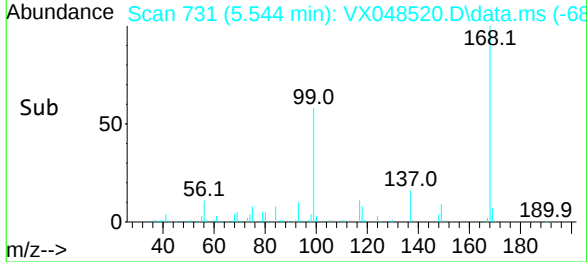
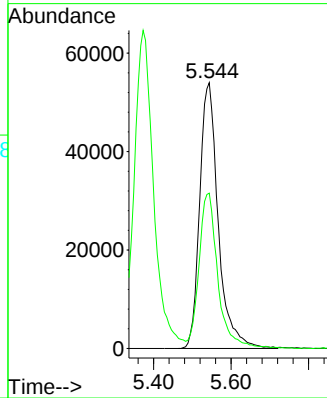
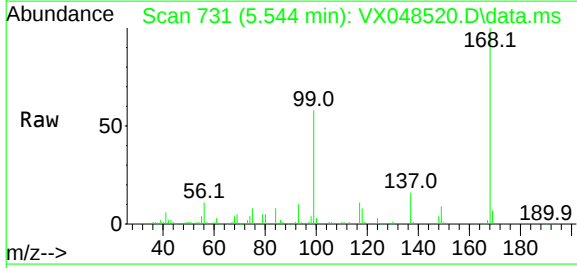




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. 0.006 min
Lab File: VX048520.D
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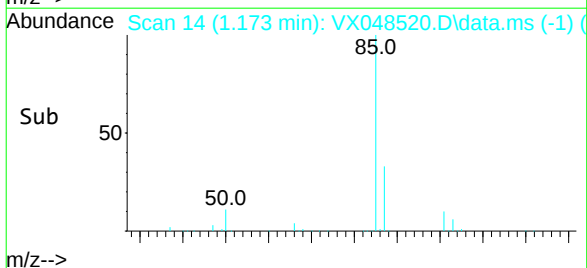
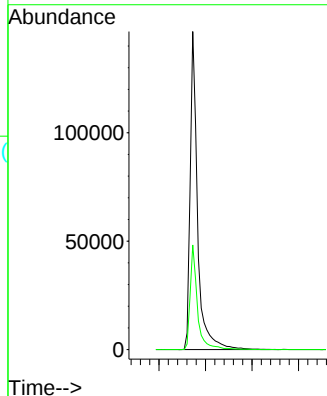
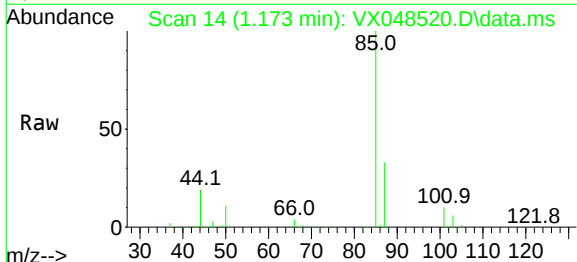
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

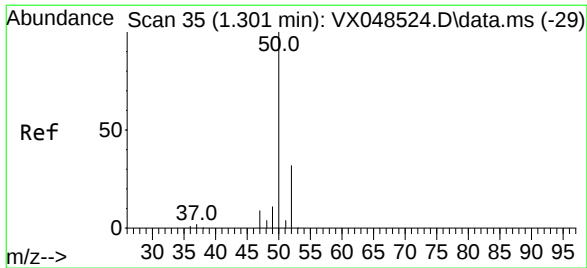
Tgt Ion:168 Resp: 179485
Ion Ratio Lower Upper
168 100
99 58.1 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 111.639 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 85 Resp: 162366
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6

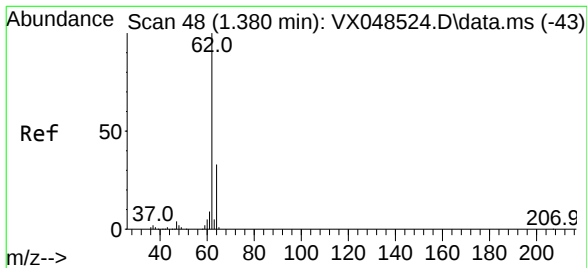
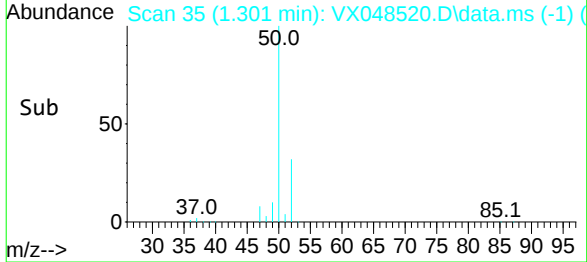
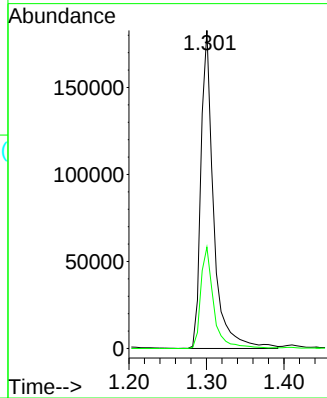
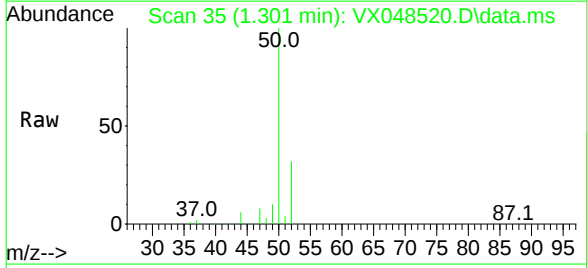




#3
Chloromethane
Concen: 108.195 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

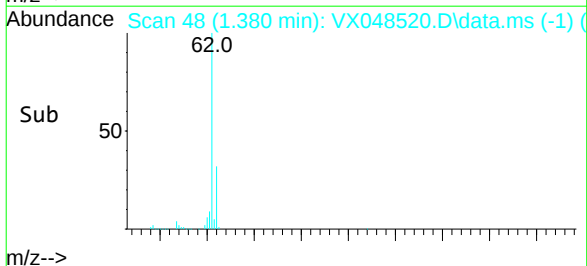
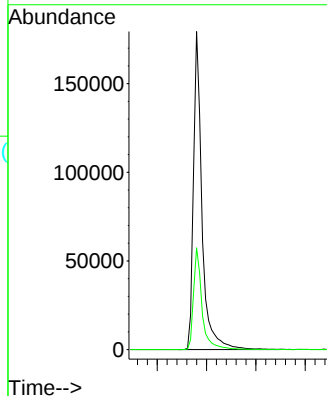
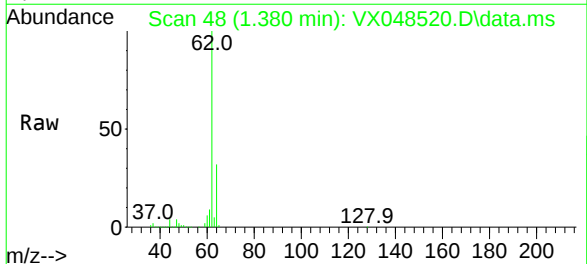
Instrument :
MSVOA_X
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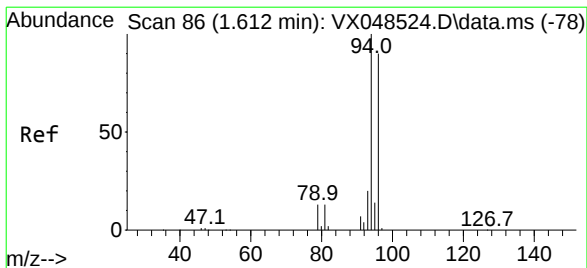
Tgt Ion: 50 Resp: 208707
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 98.767 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 62 Resp: 215712
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





#5

Bromomethane

Concen: 78.215 ug/l

RT: 1.605 min Scan# 85

Delta R.T. -0.006 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

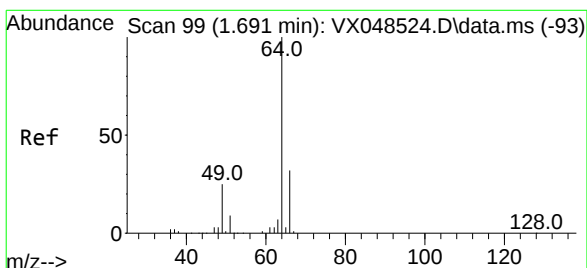
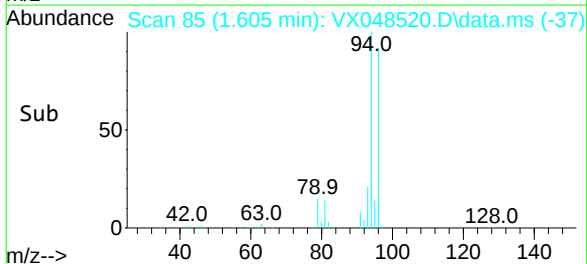
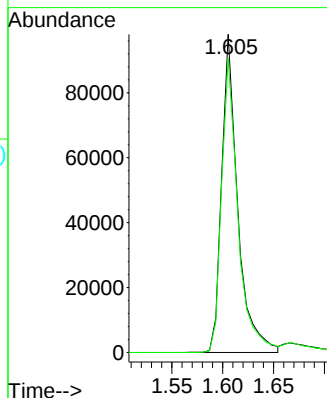
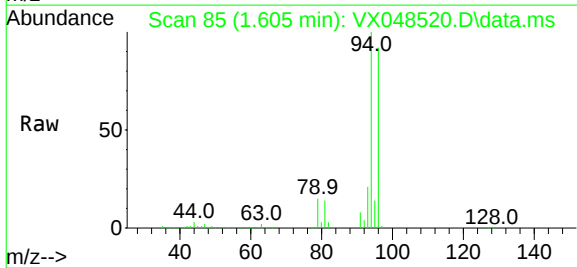
VSTDICC100

Tgt Ion: 94 Resp: 107975

Ion Ratio Lower Upper

94 100

96 92.4 72.3 108.5



#6

Chloroethane

Concen: 92.926 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX048520.D

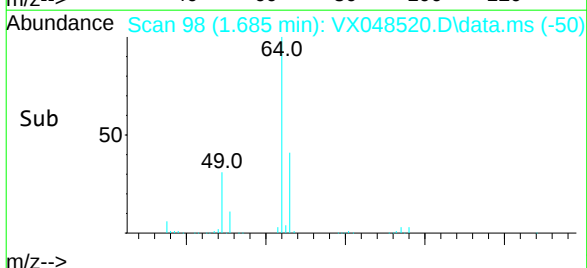
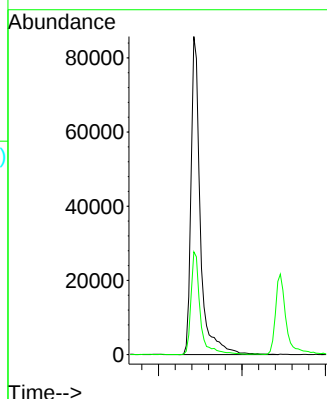
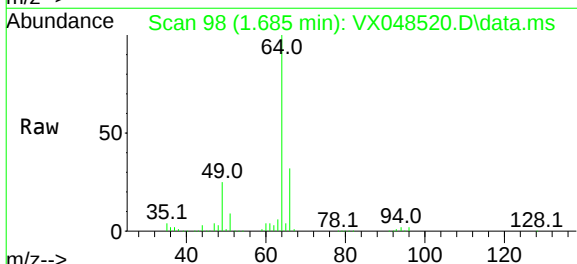
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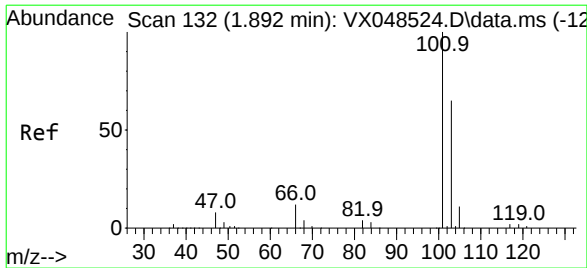
Tgt Ion: 64 Resp: 132914

Ion Ratio Lower Upper

64 100

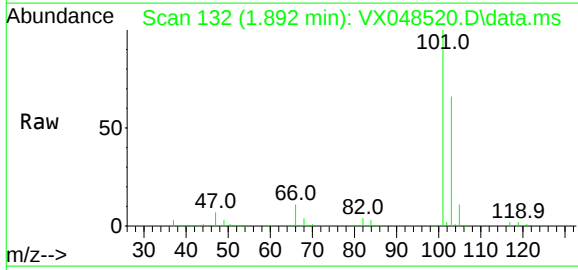
66 32.3 25.9 38.9



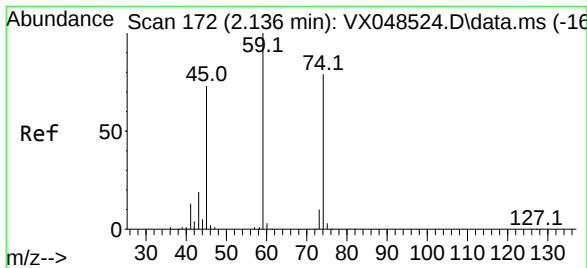
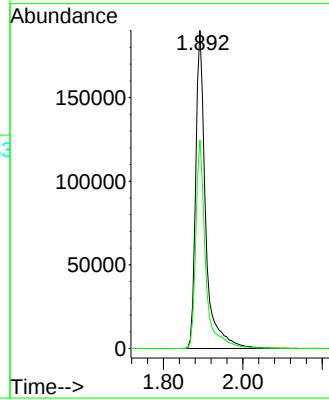
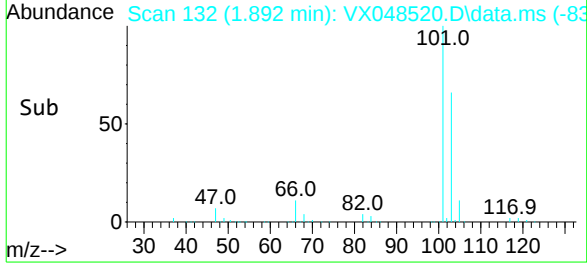


Trichlorofluoromethane
 Concen: 95.432 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. -0.000 min
 Lab File: VX048520.D
 Acq: 07 Nov 2025 14:58

Instrument : MSVOA_X
 ClientSampleId : VSTDIC100

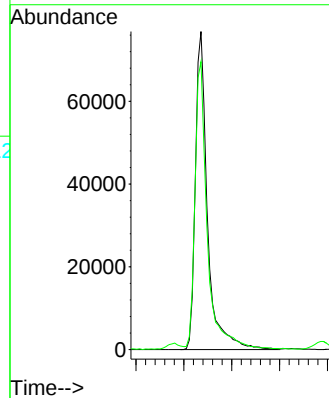
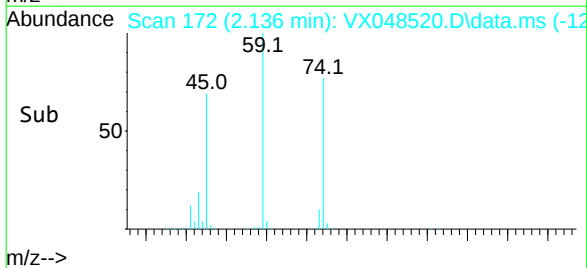
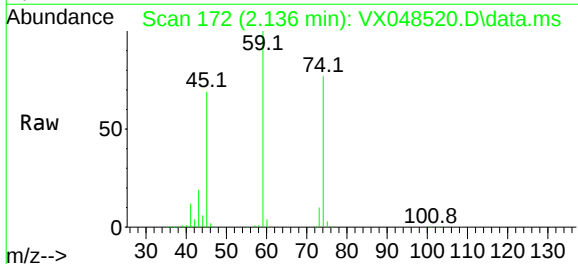


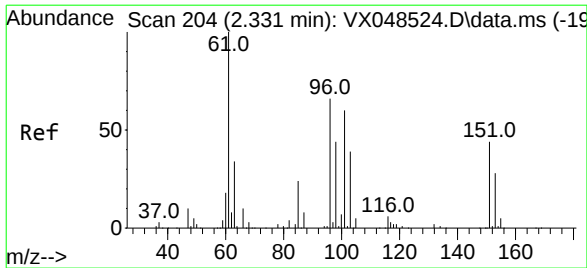
Tgt Ion:101 Resp: 329740
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.7 77.5



Diethyl Ether
 Concen: 97.310 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048520.D
 Acq: 07 Nov 2025 14:58

Tgt Ion: 74 Resp: 134965
 Ion Ratio Lower Upper
 74 100
 45 91.7 45.9 137.6

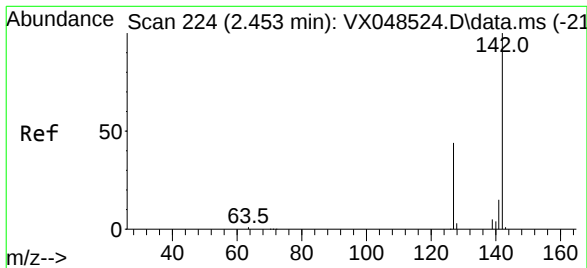
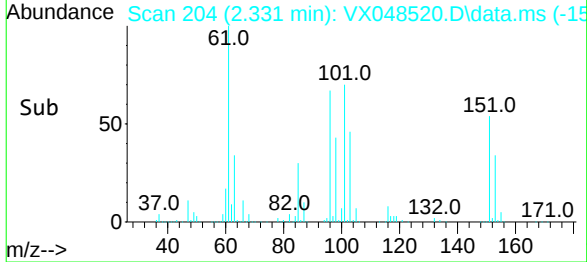
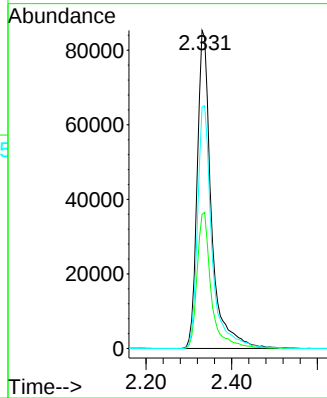
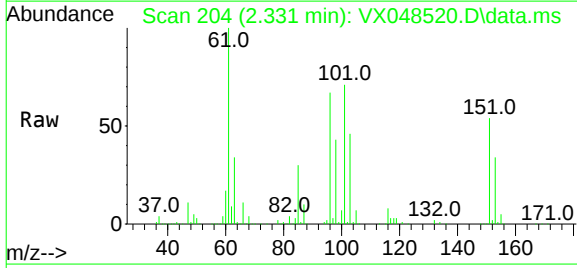




#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.026 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

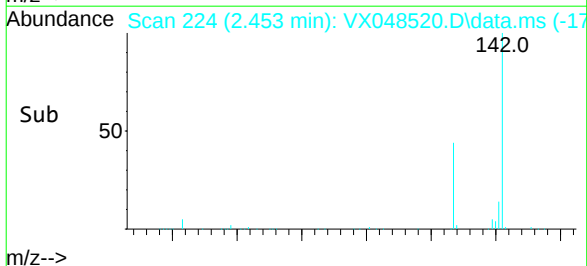
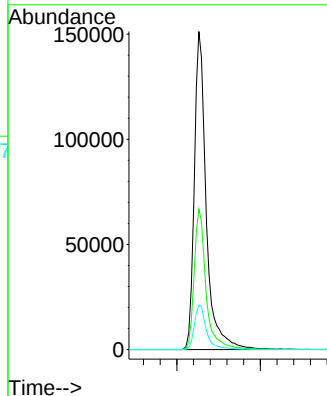
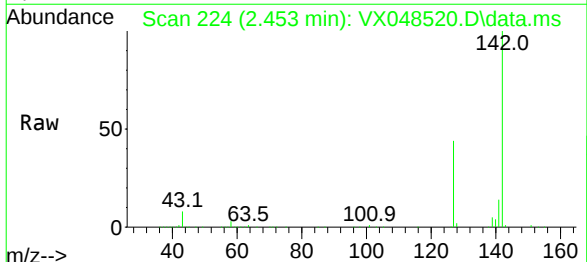
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

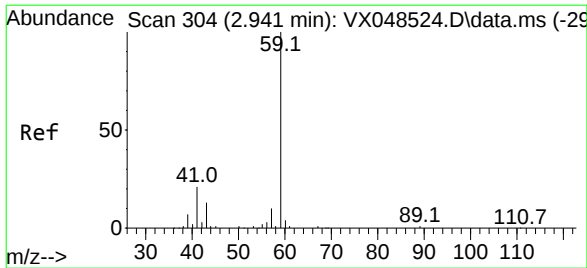
Tgt Ion:	101	Resp:	196084
Ion	Ratio	Lower	Upper
101	100		
85	42.8	34.3	51.5
151	77.7	63.1	94.7



#10
Methyl Iodide
Concen: 101.382 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	142	Resp:	300124
Ion	Ratio	Lower	Upper
142	100		
127	44.1	35.8	53.6
141	14.3	11.4	17.0





#11

Tert butyl alcohol

Concen: 500.751 ug/l

RT: 2.959 min Scan# 30

Delta R.T. 0.018 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

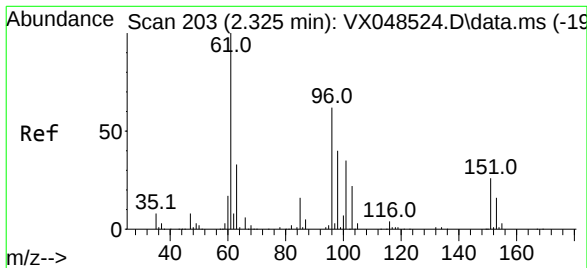
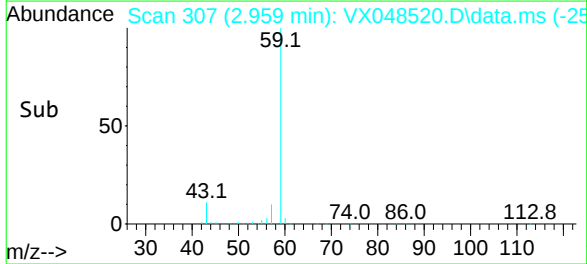
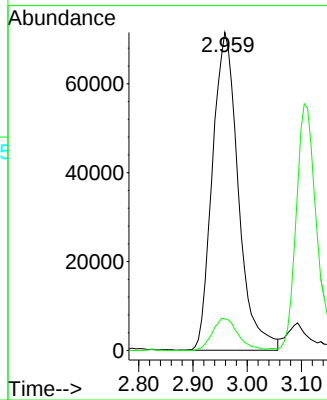
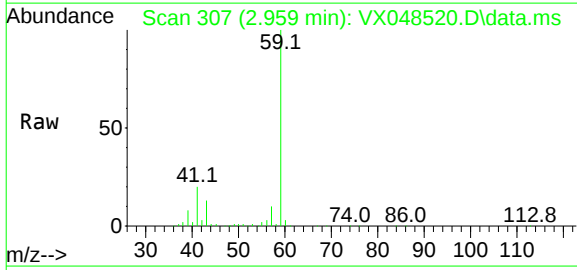
VSTDIC100

Tgt Ion: 59 Resp: 237309

Ion Ratio Lower Upper

59 100

57 10.0 8.6 13.0



#12

1,1-Dichloroethene

Concen: 95.367 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

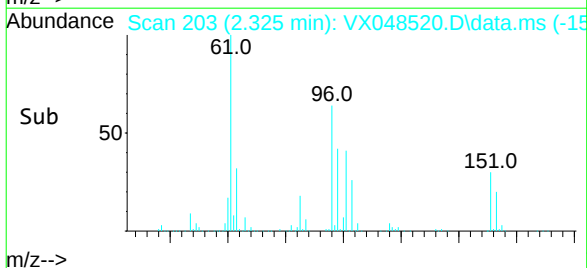
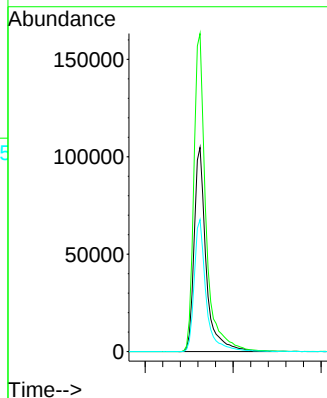
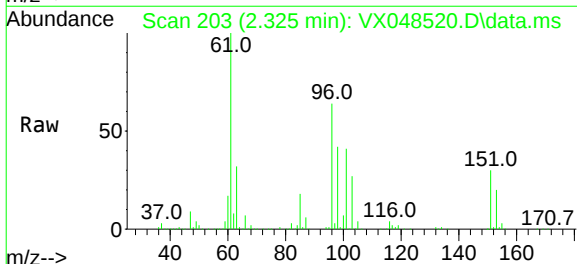
Tgt Ion: 96 Resp: 199260

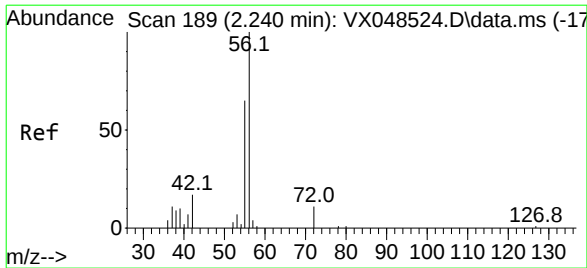
Ion Ratio Lower Upper

96 100

61 155.8 129.8 194.6

98 64.6 52.3 78.5

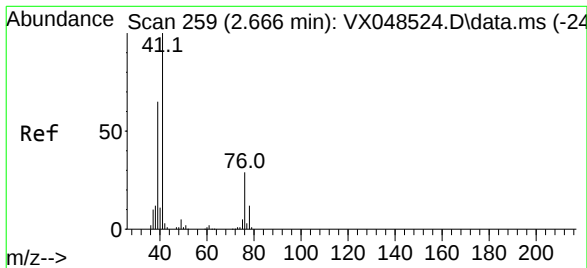
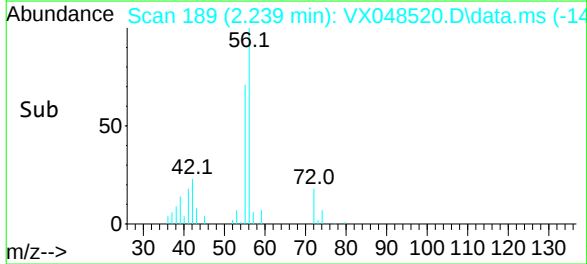
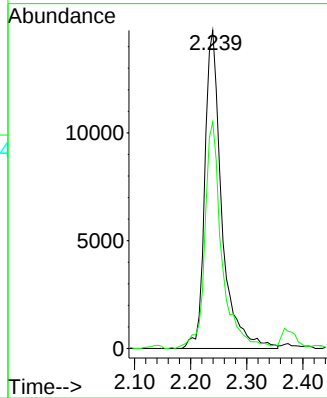
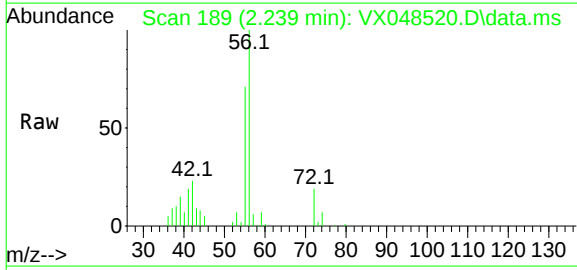




#13
Acrolein
Concen: 456.759 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

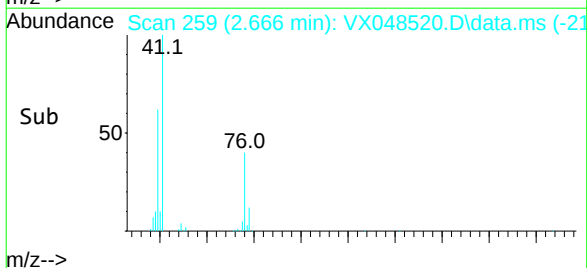
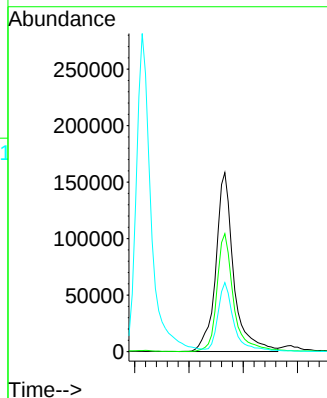
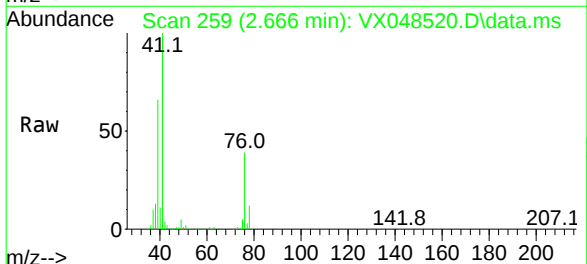
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

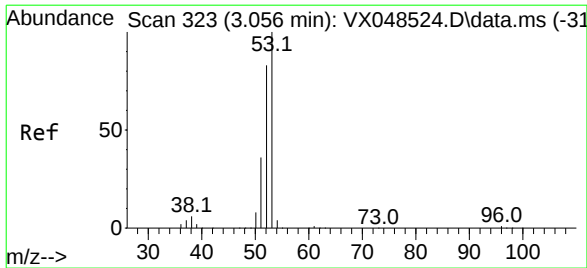
Tgt Ion: 56 Resp: 31030
Ion Ratio Lower Upper
56 100
55 71.3 54.9 82.3



#14
Allyl chloride
Concen: 93.164 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 41 Resp: 362419
Ion Ratio Lower Upper
41 100
39 61.6 48.6 73.0
76 34.4 27.7 41.5

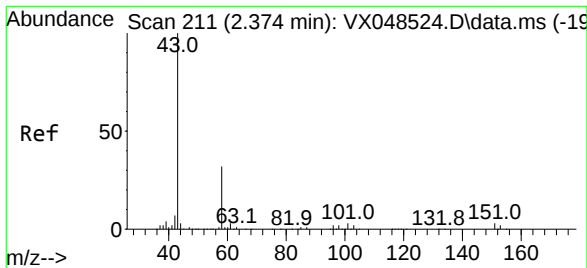
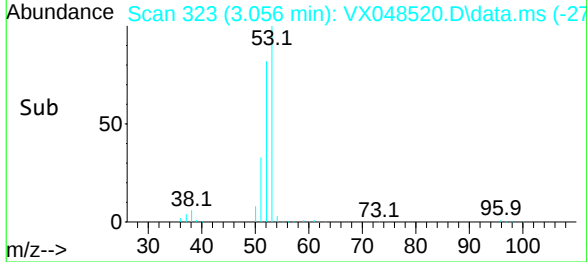
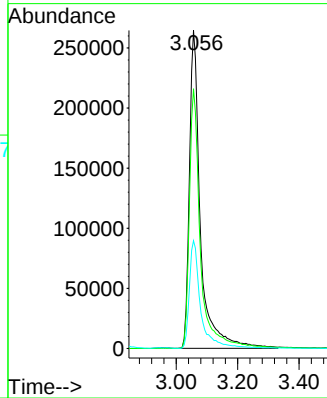
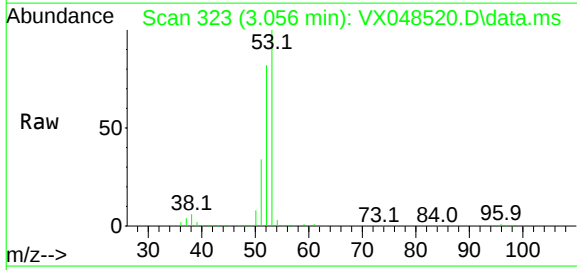




#15
Acrylonitrile
Concen: 479.859 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

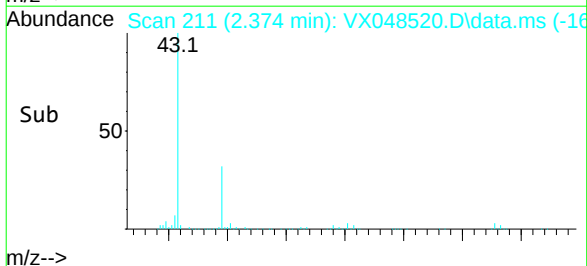
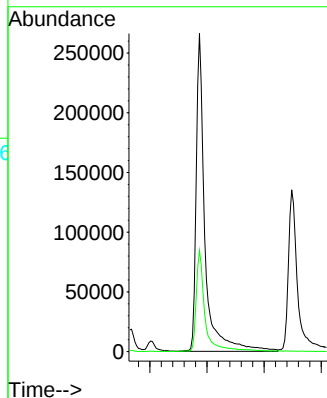
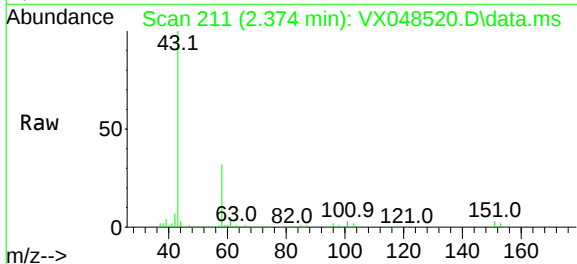
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

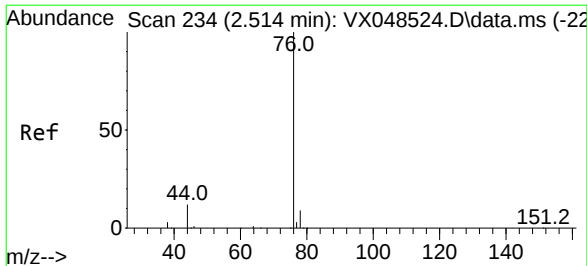
Tgt Ion: 53 Resp: 663857
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 34.7 27.8 41.6



#16
Acetone
Concen: 480.092 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 43 Resp: 568356
Ion Ratio Lower Upper
43 100
58 31.7 25.8 38.6

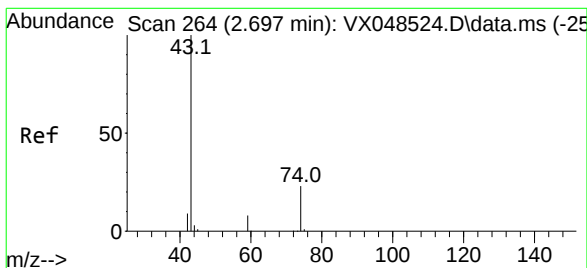
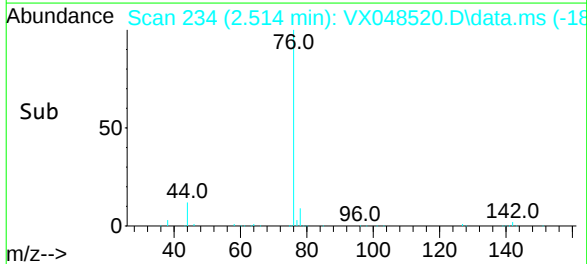
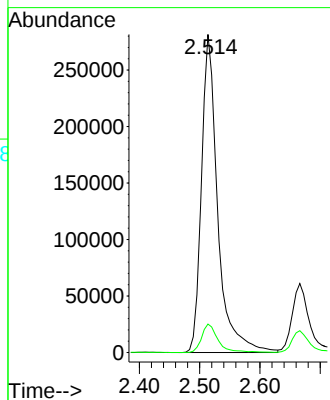
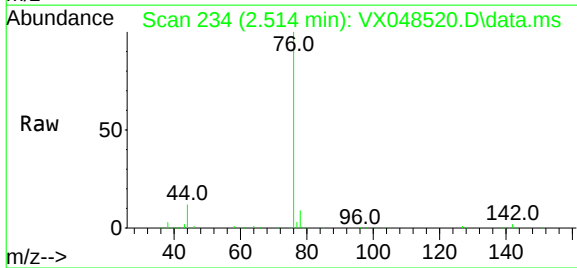




#17
Carbon Disulfide
Concen: 89.637 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

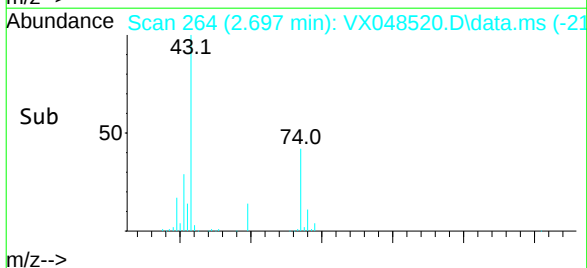
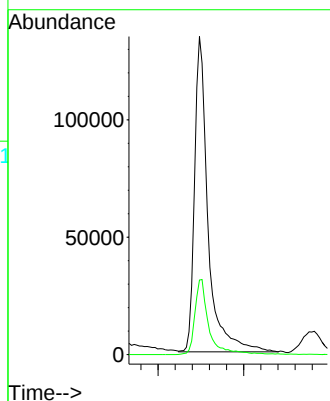
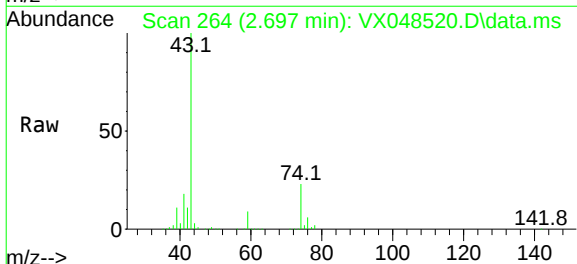
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

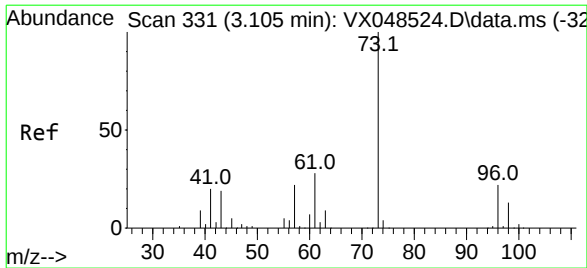
Tgt Ion: 76 Resp: 527024
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 90.303 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 43 Resp: 293788
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7

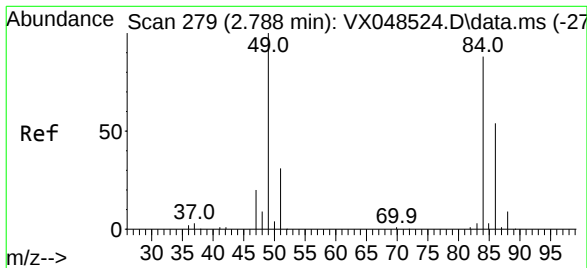
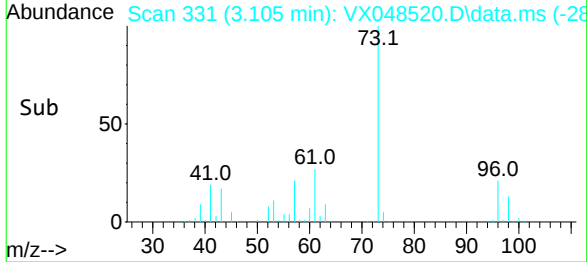
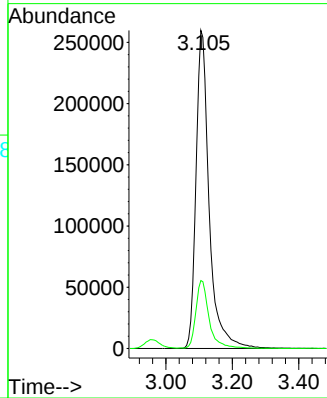
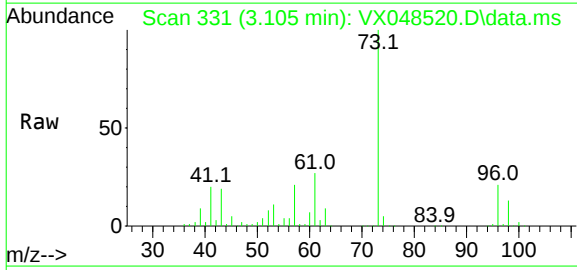




#19
Methyl tert-butyl Ether
Concen: 96.543 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

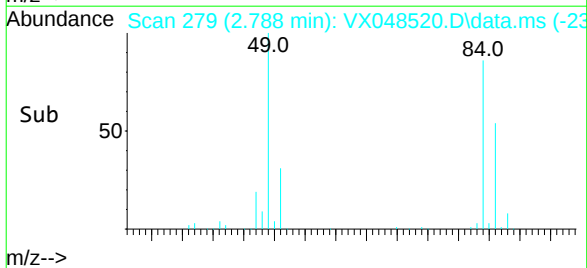
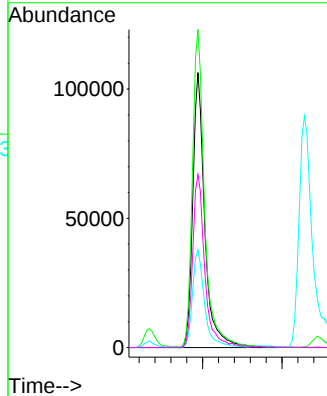
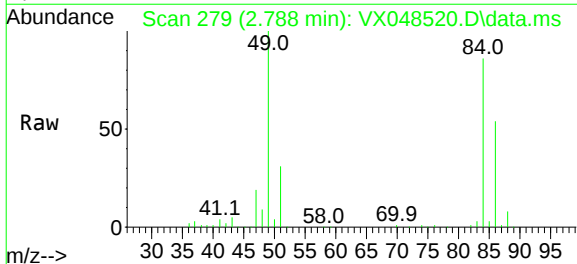
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

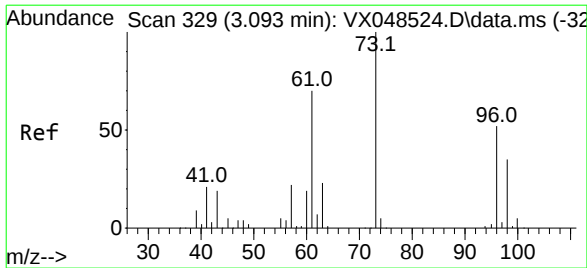
Tgt Ion: 73 Resp: 712323
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 91.966 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 84 Resp: 223836
Ion Ratio Lower Upper
84 100
49 115.5 91.2 136.8
51 35.4 28.3 42.5
86 62.9 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 94.789 ug/l

RT: 3.087 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

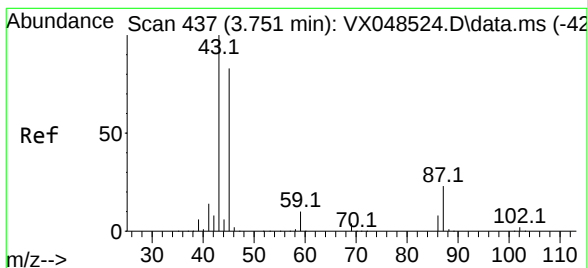
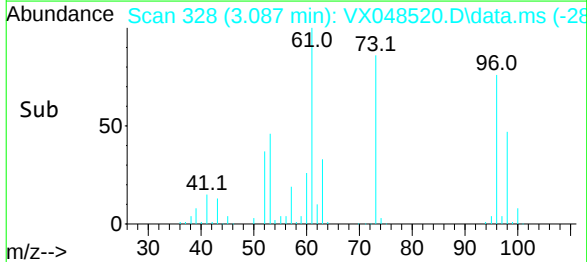
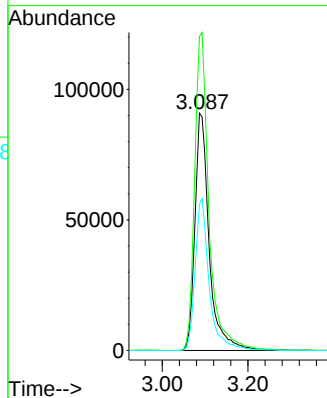
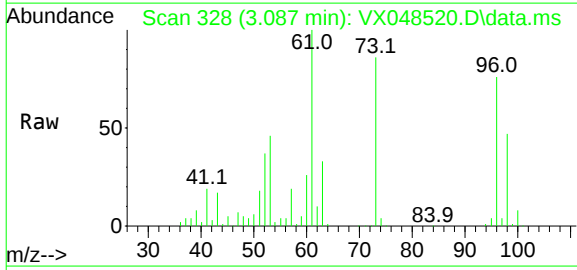
Tgt Ion: 96 Resp: 209909

Ion Ratio Lower Upper

96 100

61 132.3 106.7 160.1

98 61.6 52.7 79.1



#22

Diisopropyl ether

Concen: 95.012 ug/l

RT: 3.751 min Scan# 437

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Tgt Ion: 45 Resp: 709722

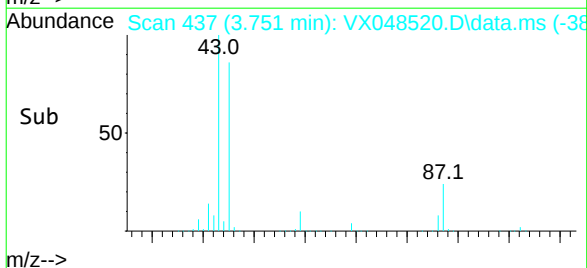
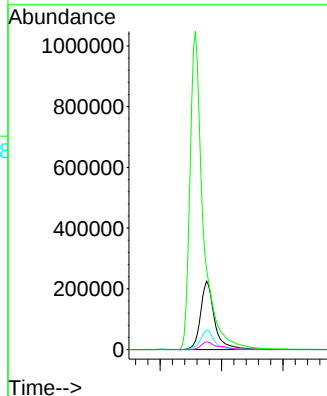
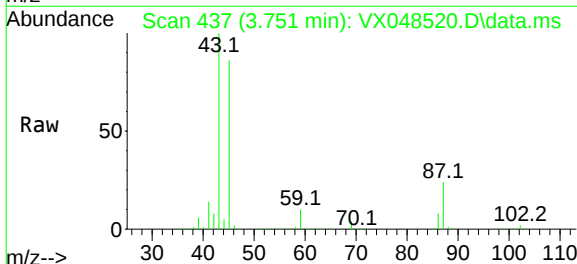
Ion Ratio Lower Upper

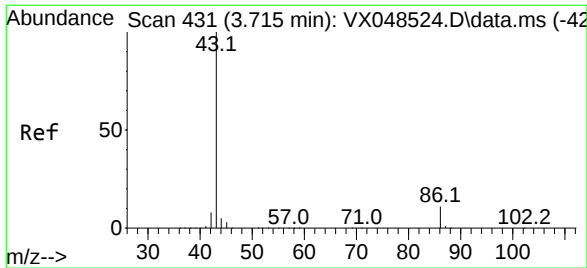
45 100

43 116.8 96.4 144.6

87 28.5 21.8 32.6

59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 479.414 ug/l

RT: 3.715 min Scan# 431

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

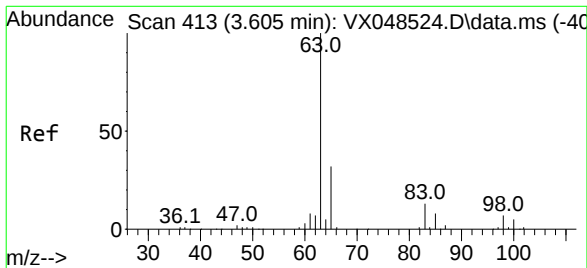
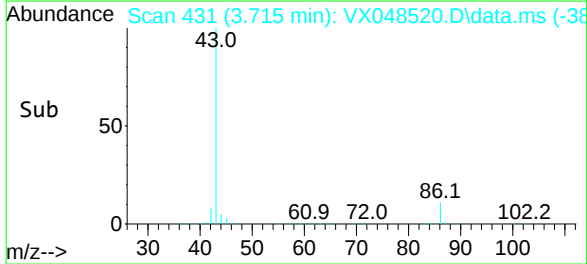
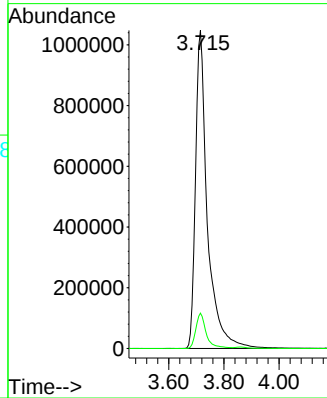
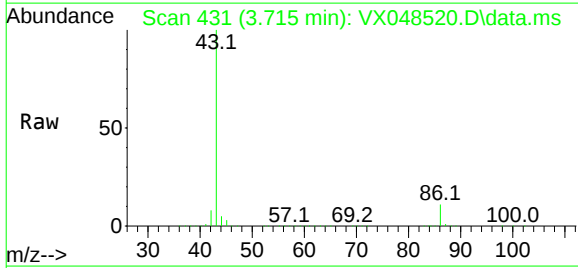
VSTDICC100

Tgt Ion: 43 Resp: 3136295

Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.6



#24

1,1-Dichloroethane

Concen: 94.862 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

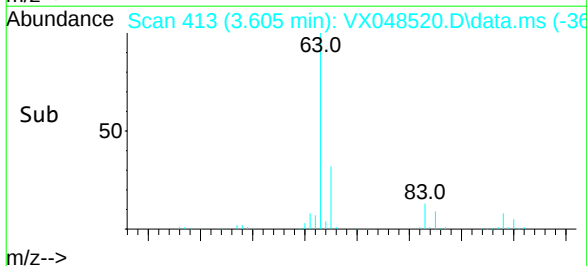
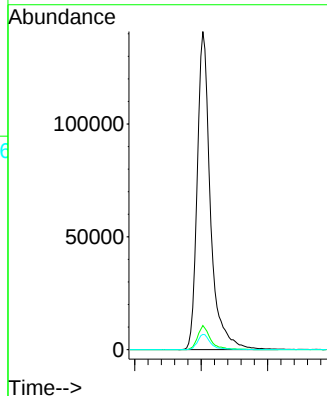
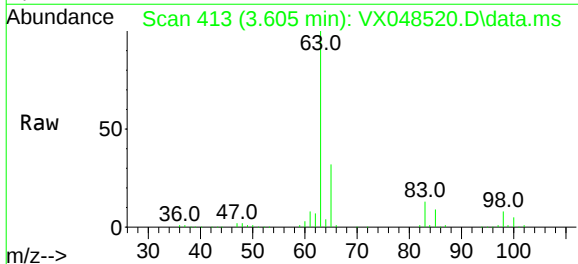
Tgt Ion: 63 Resp: 388811

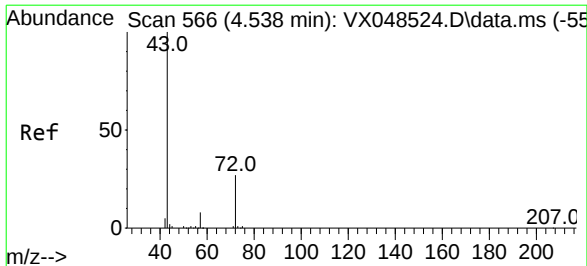
Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

100 4.8 2.5 7.4

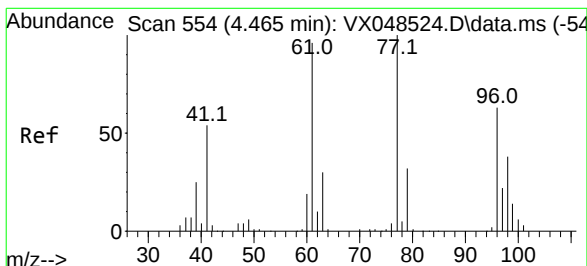
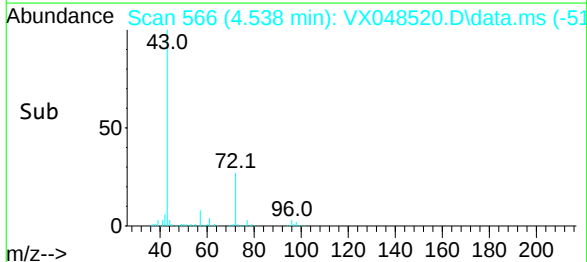
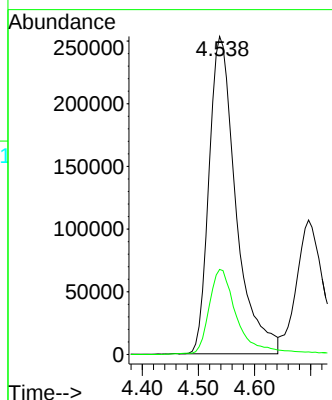
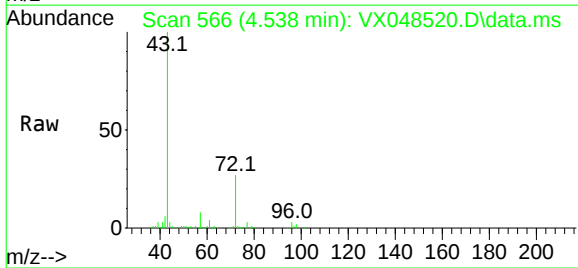




#25
2-Butanone
Concen: 481.750 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

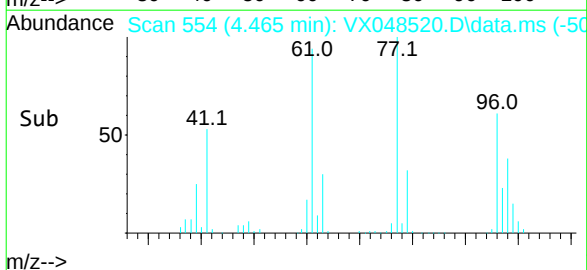
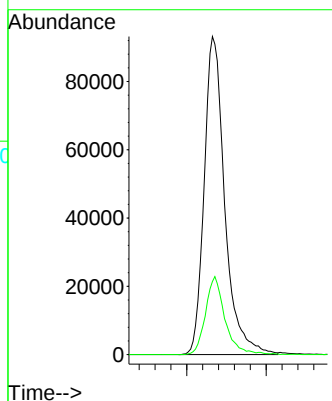
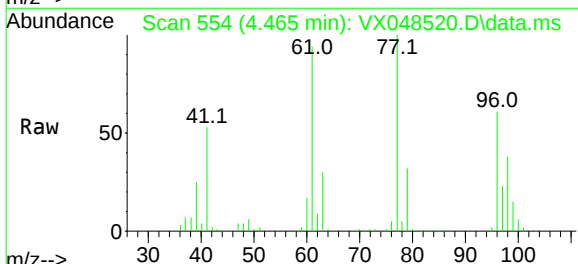
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

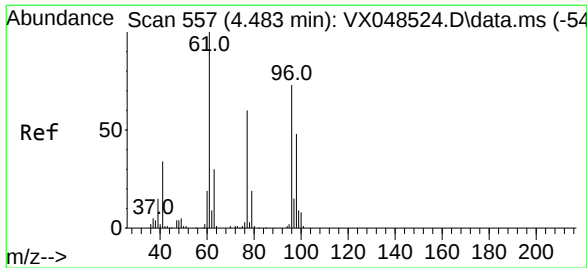
Tgt Ion: 43 Resp: 843690
Ion Ratio Lower Upper
43 100
72 26.5 21.5 32.3



#26
2,2-Dichloropropane
Concen: 95.939 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 77 Resp: 335236
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.1

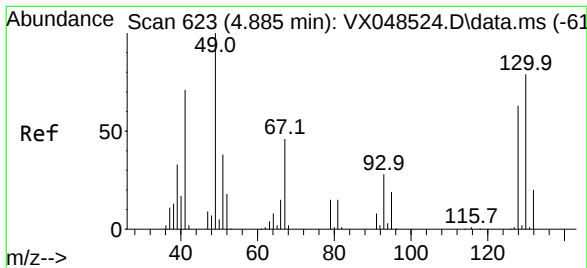
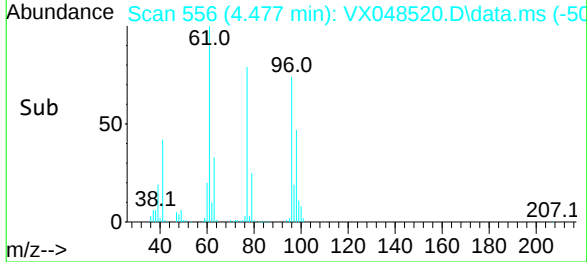
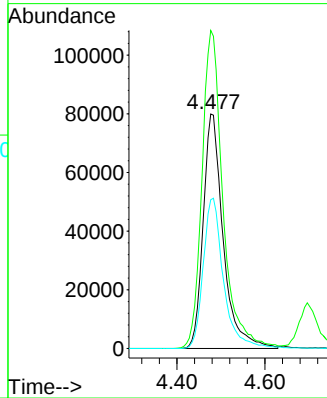
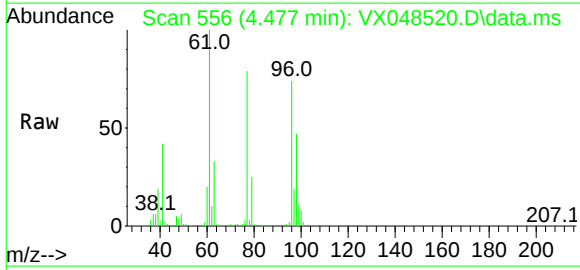




#27
 cis-1,2-Dichloroethene
 Concen: 93.248 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX048520.D
 Acq: 07 Nov 2025 14:58

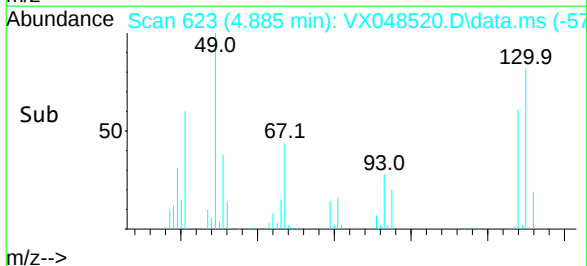
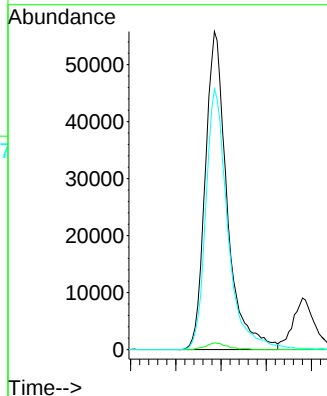
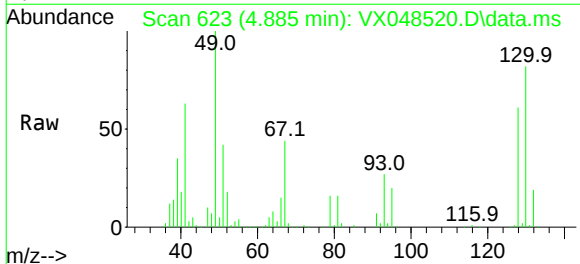
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

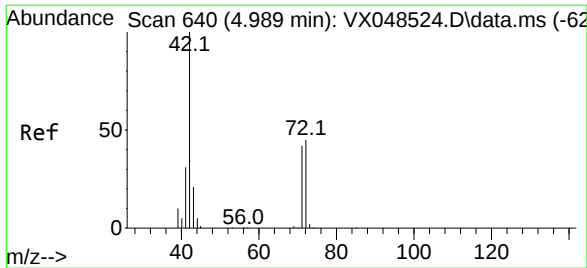
Tgt Ion: 96 Resp: 252407
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 279.6
 98 65.2 0.0 128.2



#28
 Bromochloromethane
 Concen: 93.016 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.000 min
 Lab File: VX048520.D
 Acq: 07 Nov 2025 14:58

Tgt Ion: 49 Resp: 187288
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 82.9 65.9 98.9

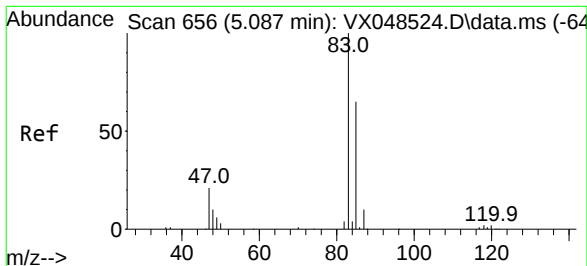
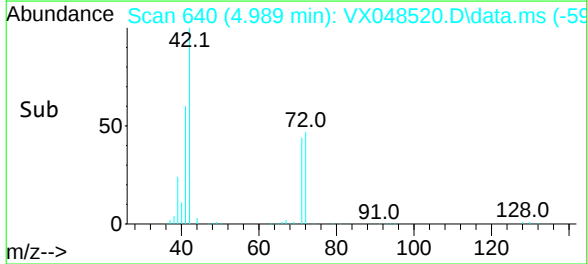
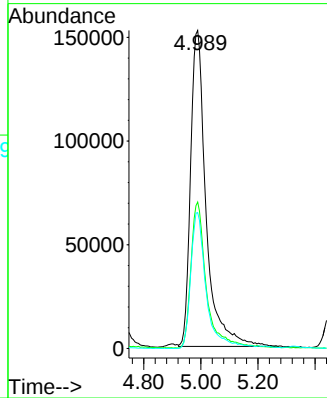
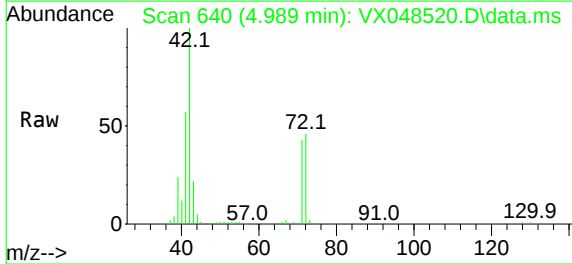




#29
Tetrahydrofuran
Concen: 461.240 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

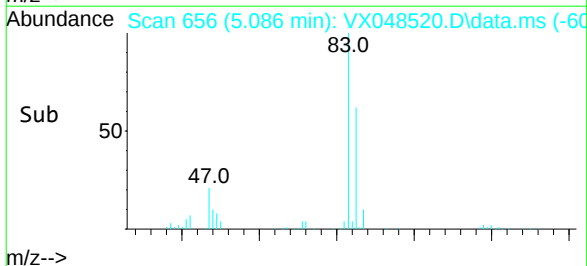
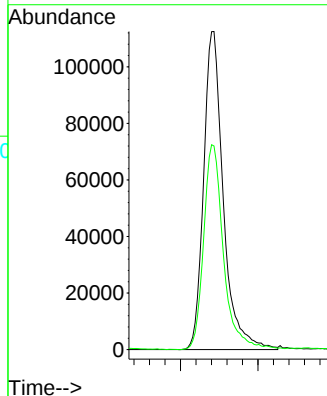
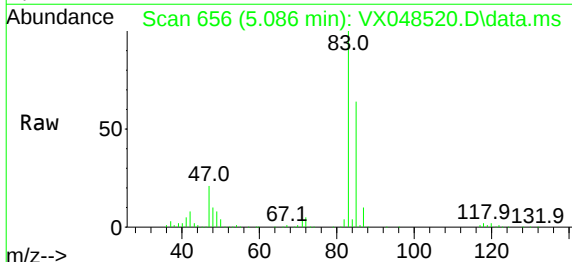
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

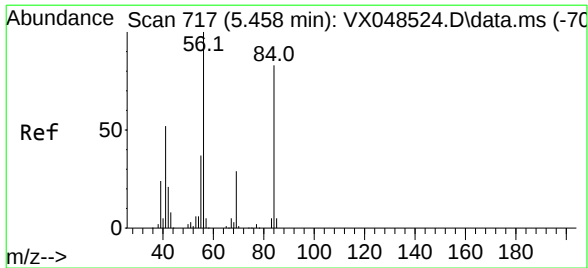
Tgt Ion: 42 Resp: 575336
Ion Ratio Lower Upper
42 100
72 45.9 36.3 54.5
71 42.9 34.1 51.1



#30
Chloroform
Concen: 93.738 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 83 Resp: 396642
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6





#31

Cyclohexane

Concen: 95.734 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

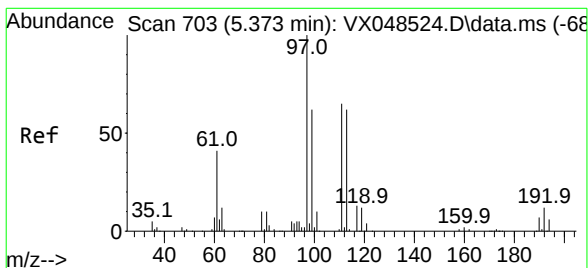
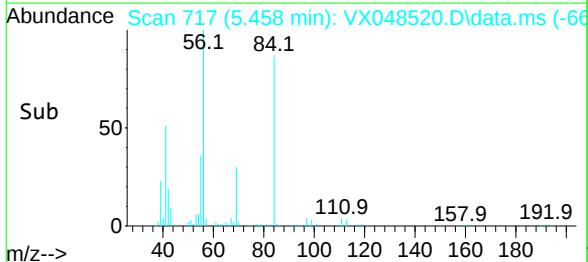
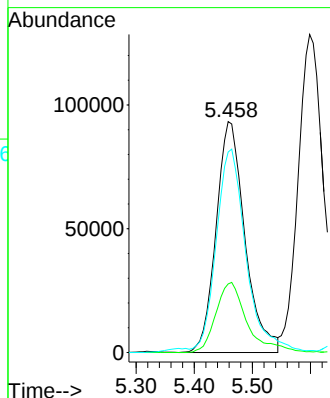
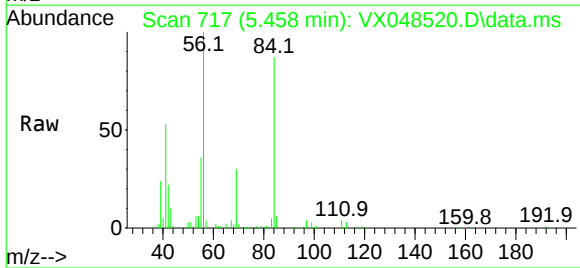
Tgt Ion: 56 Resp: 321505

Ion Ratio Lower Upper

56 100

69 29.7 23.4 35.2

84 85.0 66.3 99.5



#32

1,1,1-Trichloroethane

Concen: 95.136 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

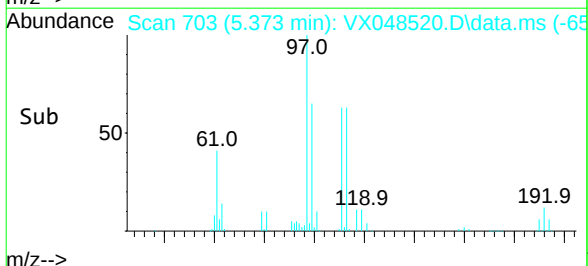
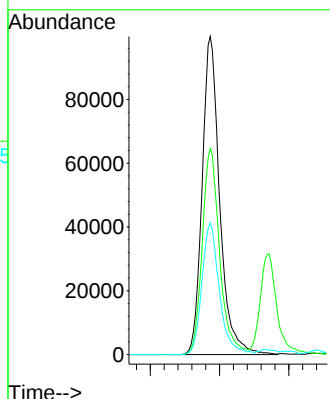
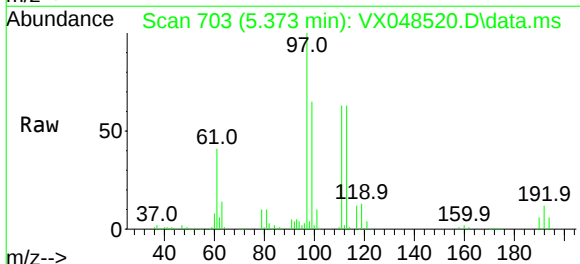
Tgt Ion: 97 Resp: 351320

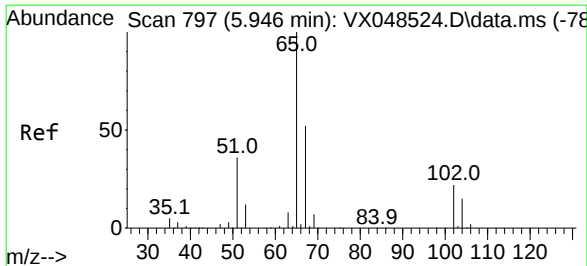
Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 41.3 33.4 50.2

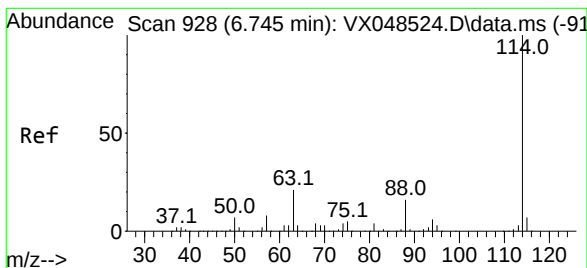
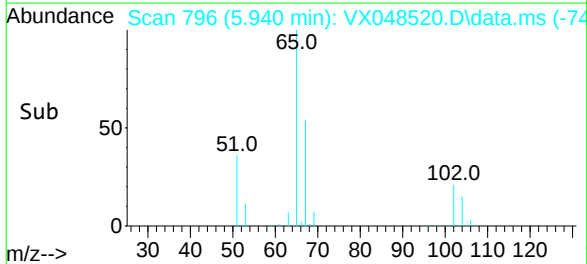
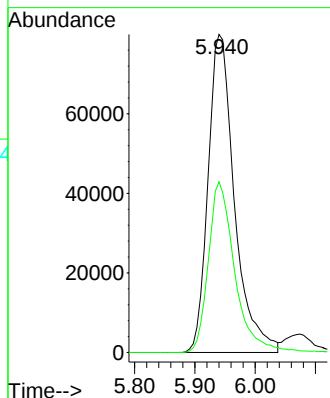
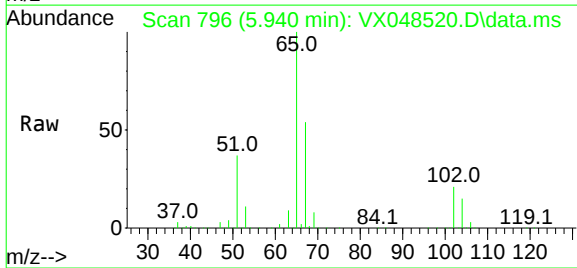




#33
1,2-Dichloroethane-d4
Concen: 97.224 ug/l
RT: 5.940 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

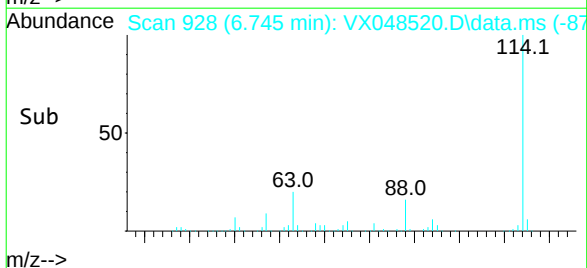
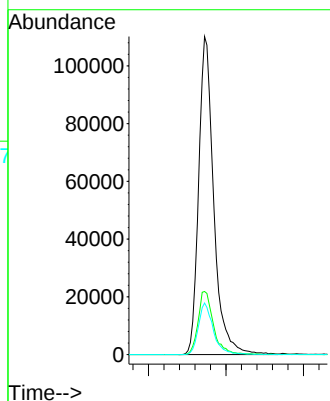
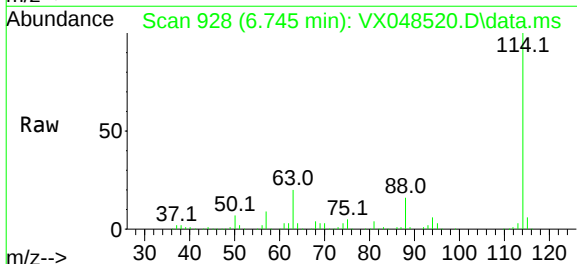
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

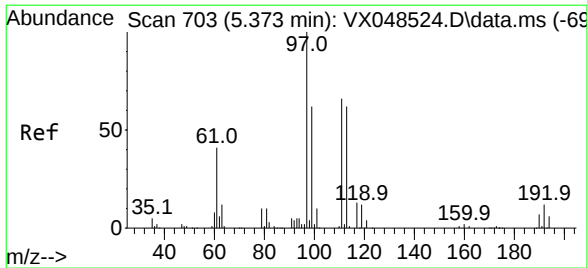
Tgt Ion: 65 Resp: 243155
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 114 Resp: 297765
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.2
88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 94.182 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

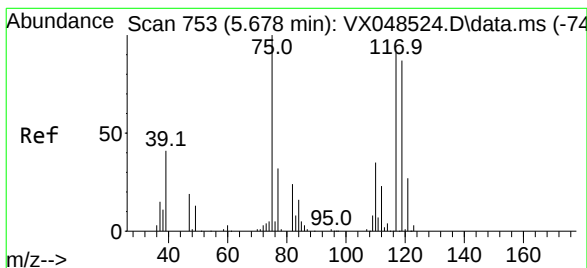
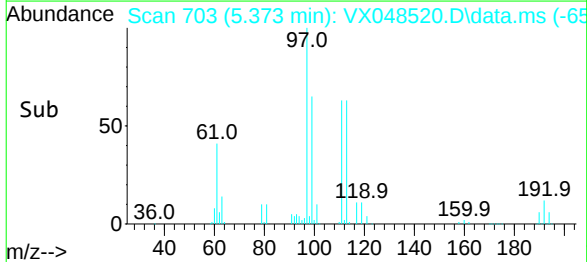
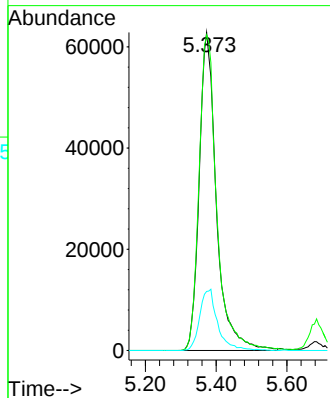
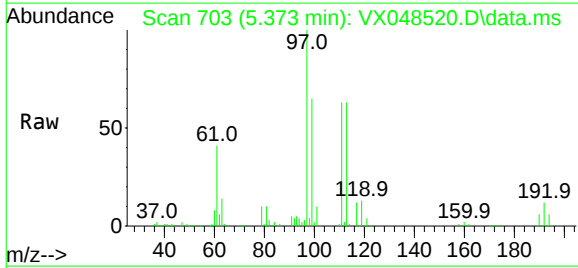
Tgt Ion:113 Resp: 212256

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 19.9 15.8 23.6



#36

1,1-Dichloropropene

Concen: 89.431 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

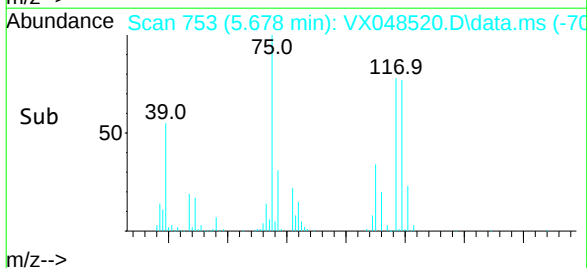
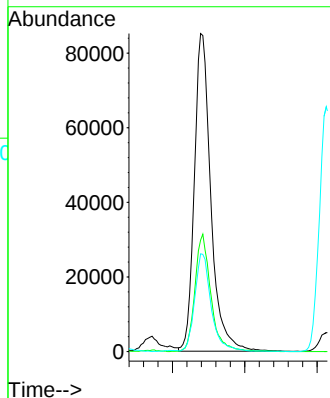
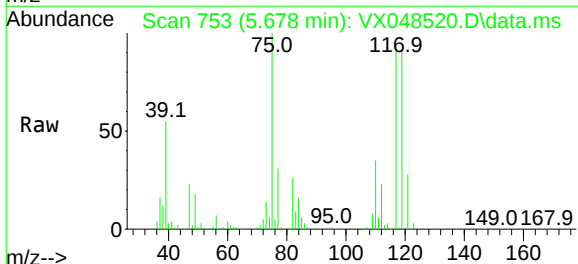
Tgt Ion: 75 Resp: 269881

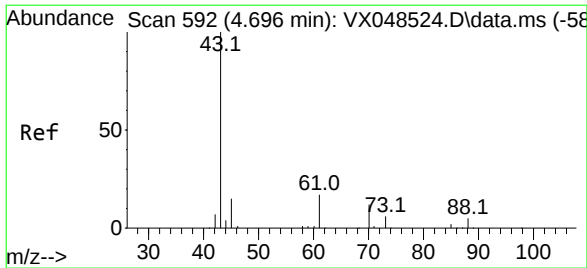
Ion Ratio Lower Upper

75 100

110 35.7 18.4 55.4

77 30.3 24.6 37.0

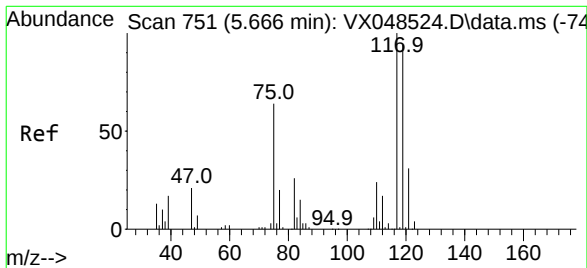
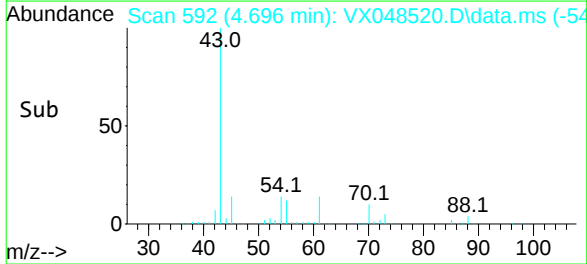
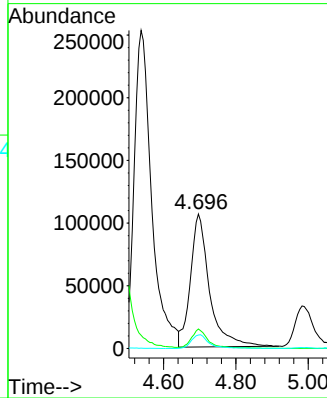
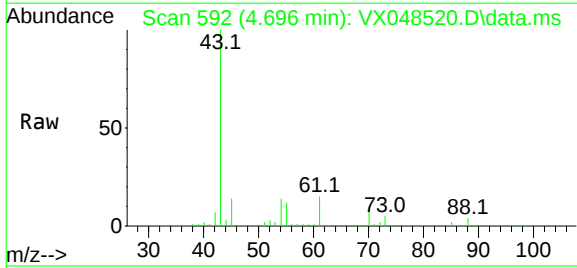




#37
Ethyl Acetate
Concen: 90.900 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

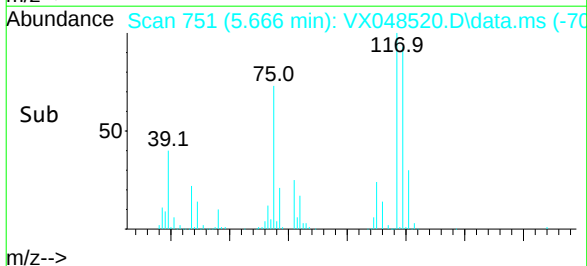
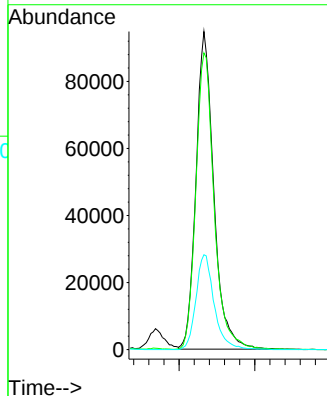
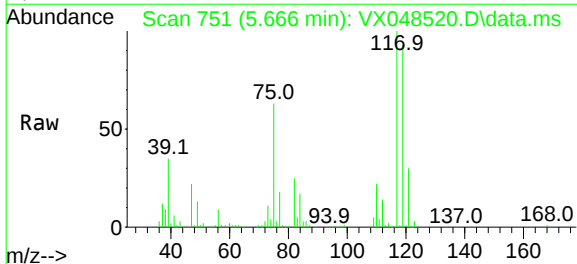
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

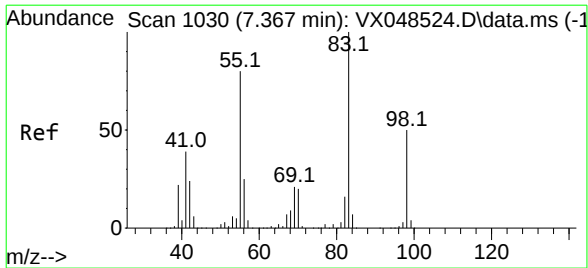
Tgt Ion: 43 Resp: 386137
Ion Ratio Lower Upper
43 100
61 11.7 9.7 14.5
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 90.070 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 117 Resp: 309414
Ion Ratio Lower Upper
117 100
119 93.2 74.5 111.7
121 29.9 24.8 37.2

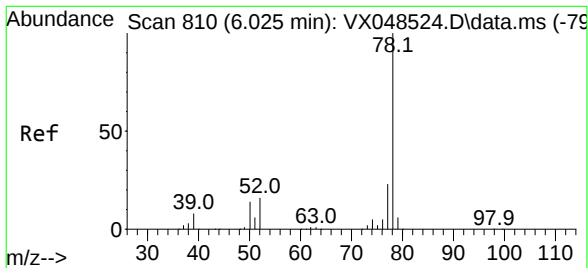
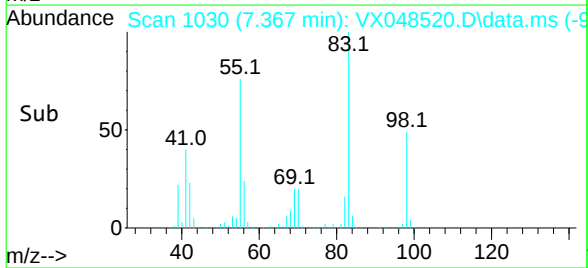
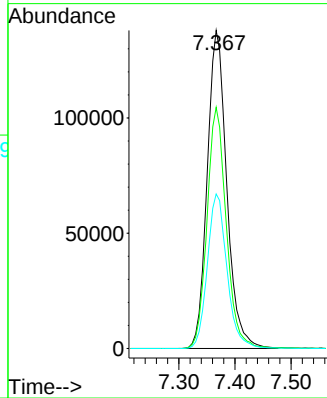
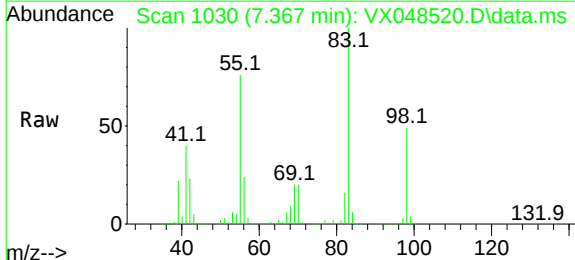




#39
Methylcyclohexane
Concen: 98.656 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

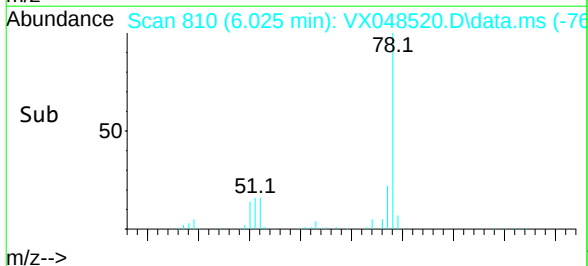
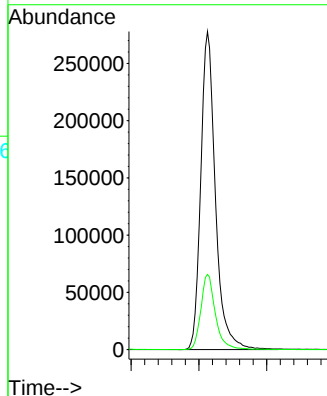
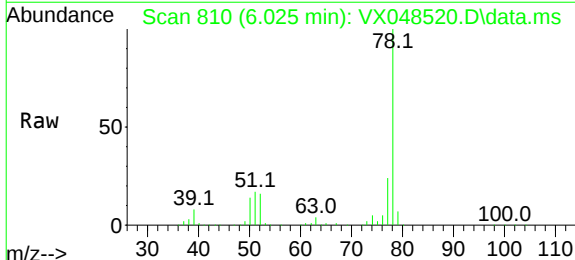
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

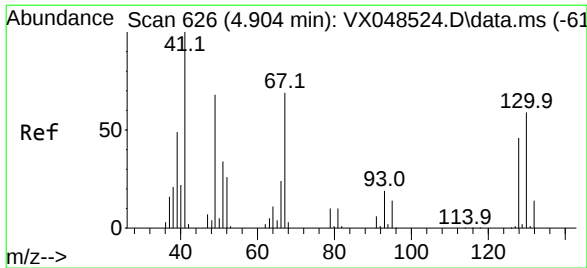
Tgt Ion:	83	Resp:	334291
Ion	Ratio	Lower	Upper
83	100		
55	75.8	63.8	95.6
98	48.6	40.3	60.5



#40
Benzene
Concen: 88.867 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	78	Resp:	831305
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5

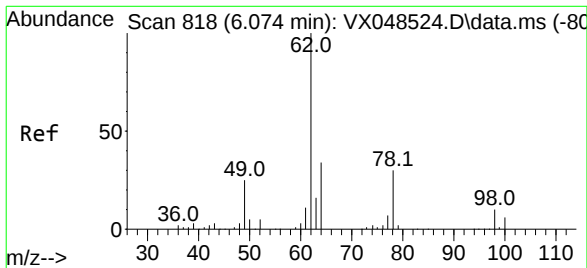
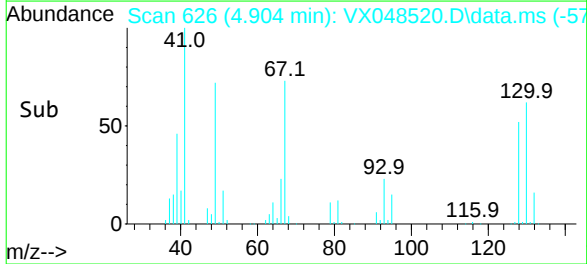
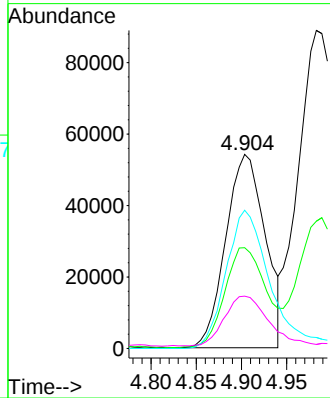
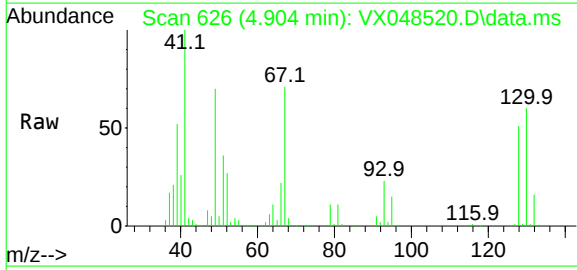




#41
Methacrylonitrile
Concen: 87.935 ug/l
RT: 4.904 min Scan# 62
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

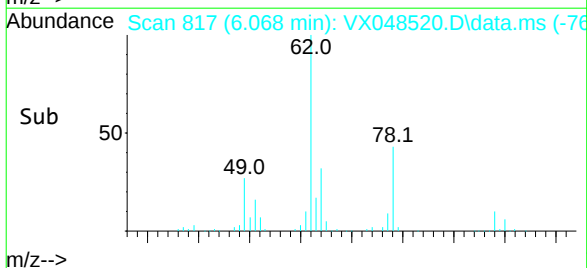
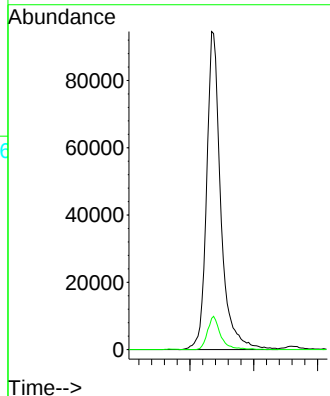
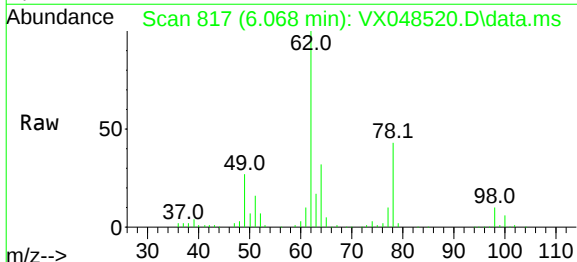
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

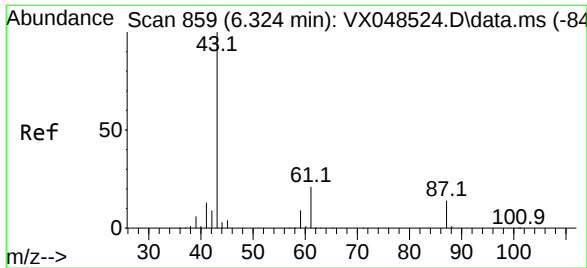
Tgt Ion:	41	Resp:	164274
Ion	Ratio	Lower	Upper
41	100		
39	55.8	41.1	61.7
67	84.2	64.2	96.2
52	28.5	25.6	38.4



#42
1,2-Dichloroethane
Concen: 90.918 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	62	Resp:	291402
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.6





#43

Isopropyl Acetate

Concen: 90.535 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

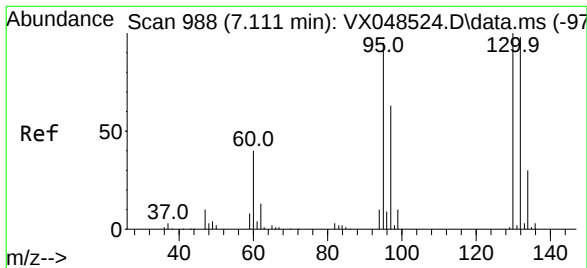
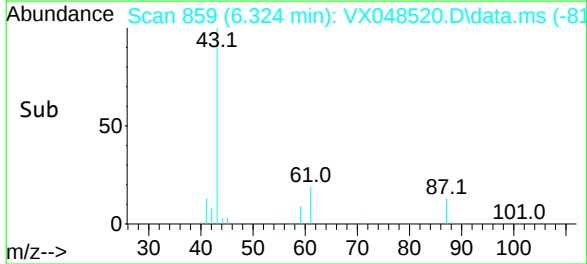
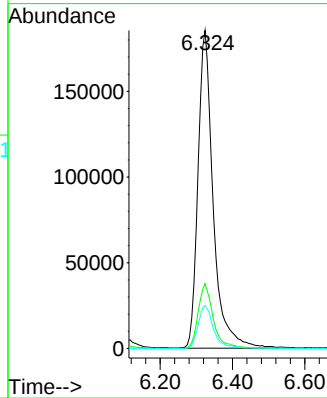
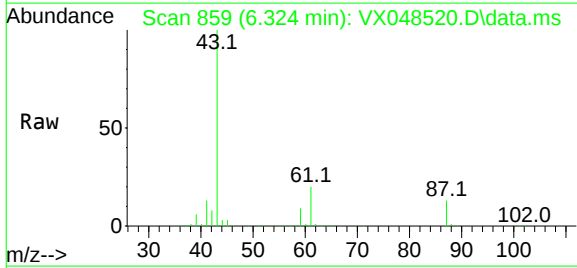
Tgt Ion: 43 Resp: 540612

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.4

87 13.9 10.9 16.3



#44

Trichloroethene

Concen: 97.499 ug/l

RT: 7.110 min Scan# 988

Delta R.T. -0.000 min

Lab File: VX048520.D

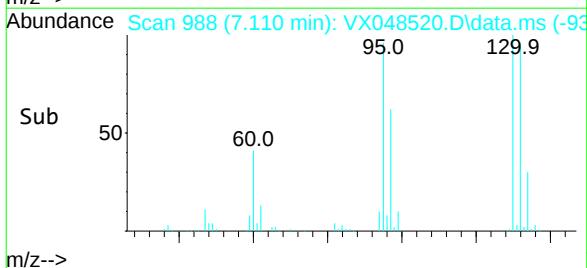
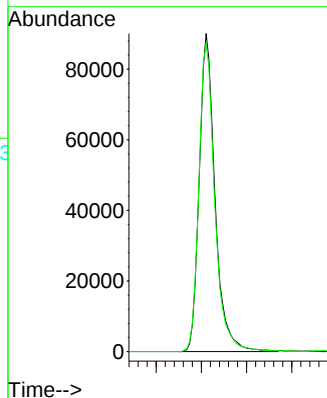
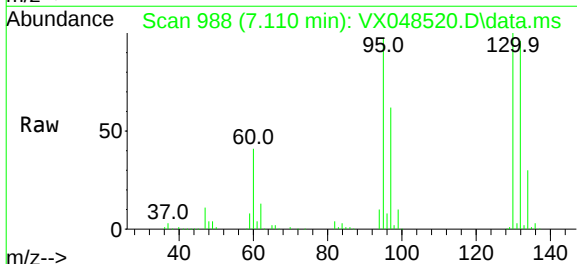
Acq: 07 Nov 2025 14:58

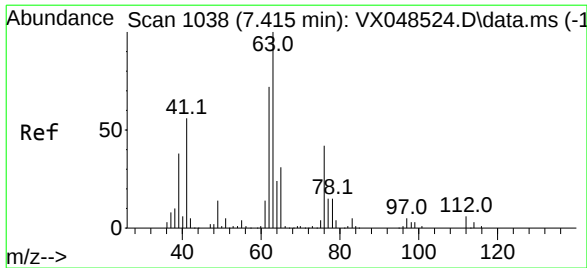
Tgt Ion:130 Resp: 218005

Ion Ratio Lower Upper

130 100

95 96.6 0.0 190.2





#45

1,2-Dichloropropane

Concen: 97.368 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

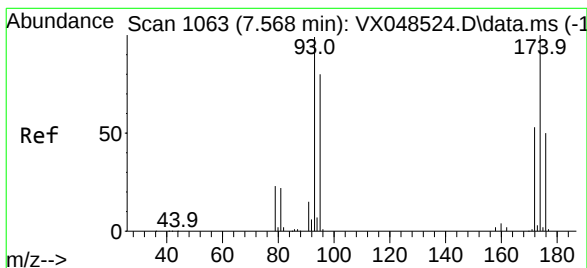
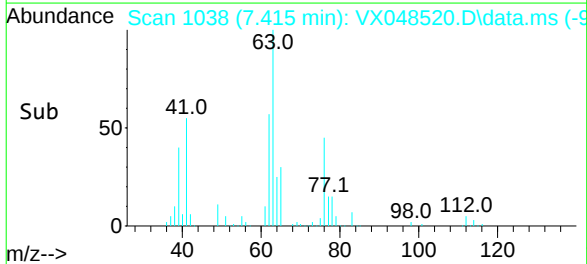
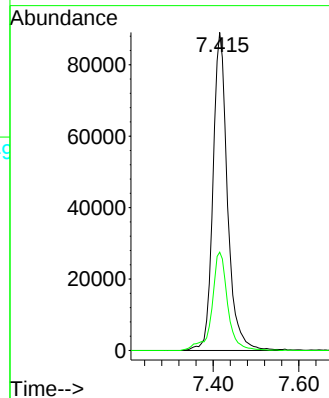
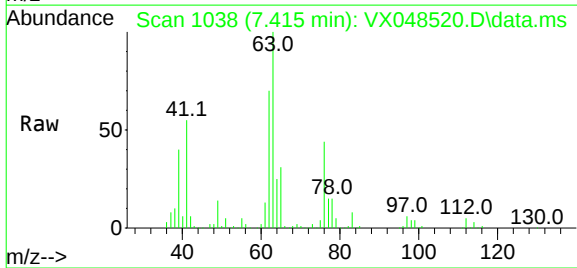
VSTDICC100

Tgt Ion: 63 Resp: 209425

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 100.030 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

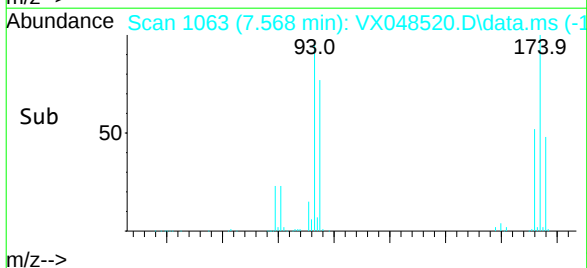
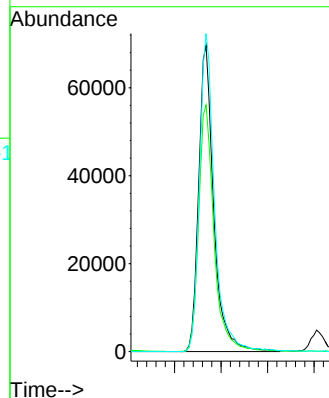
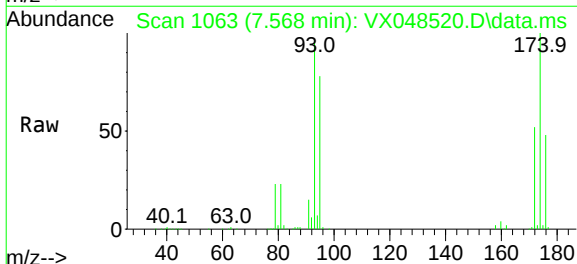
Tgt Ion: 93 Resp: 156924

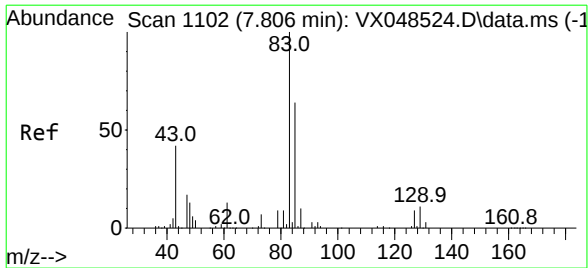
Ion Ratio Lower Upper

93 100

95 81.6 67.6 101.4

174 104.0 83.0 124.6

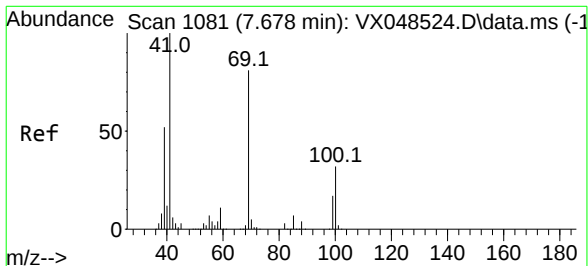
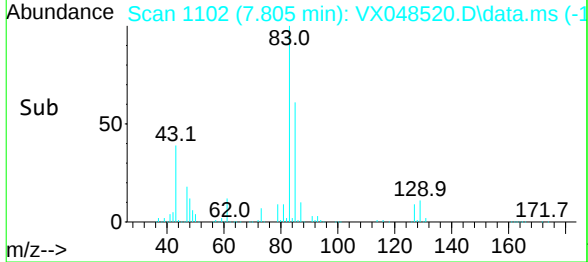
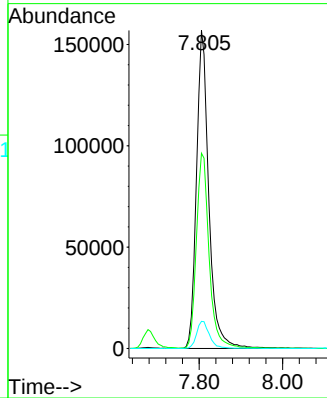
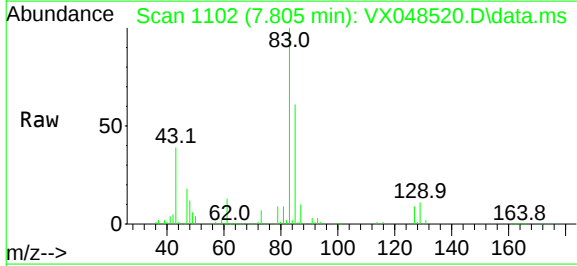




#47
Bromodichloromethane
Concen: 102.623 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

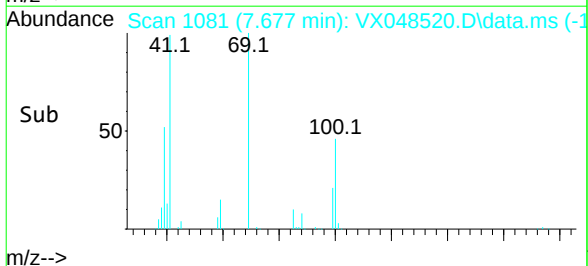
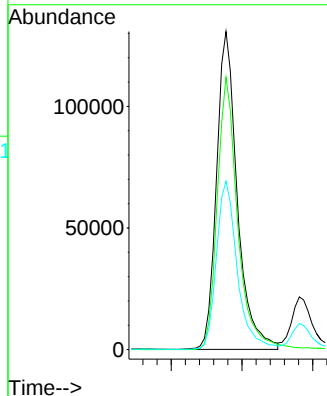
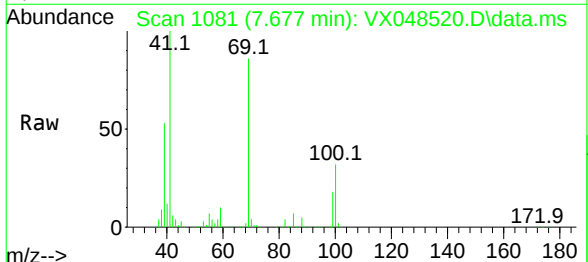
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

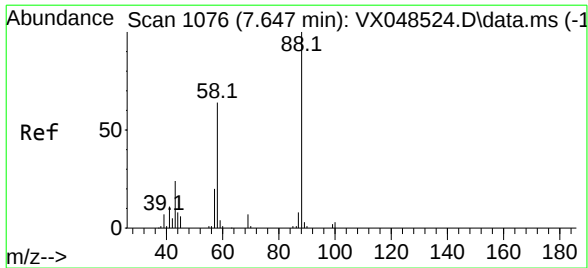
Tgt Ion: 83 Resp: 321173
Ion Ratio Lower Upper
83 100
85 61.3 51.4 77.0
127 8.5 7.0 10.4



#48
Methyl methacrylate
Concen: 100.420 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 41 Resp: 266560
Ion Ratio Lower Upper
41 100
69 85.0 67.9 101.9
39 53.1 42.2 63.2

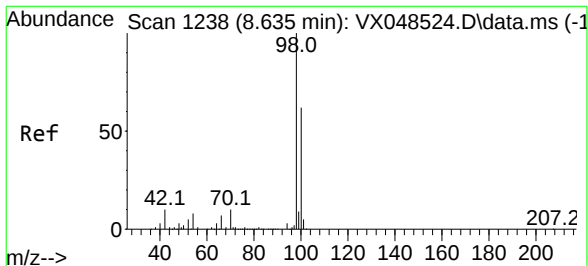
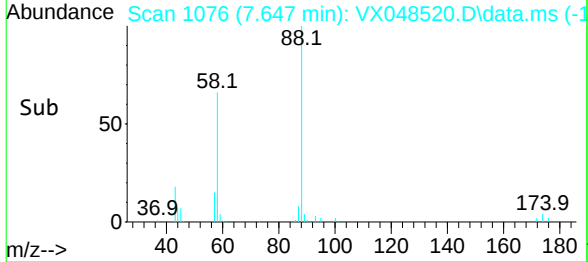
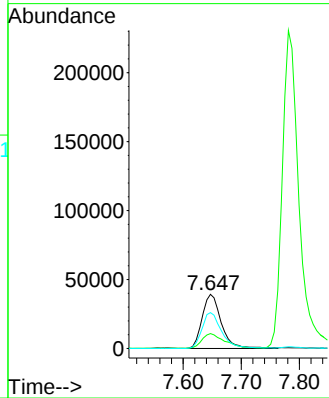
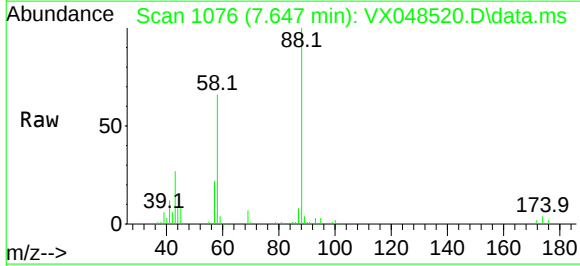




#49
1,4-Dioxane
Concen: 2215.601 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

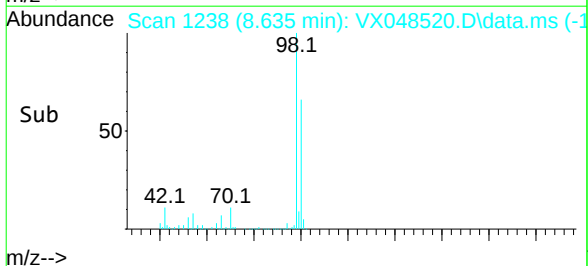
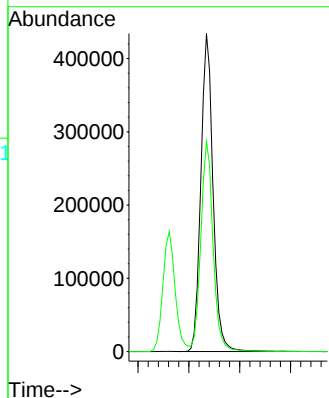
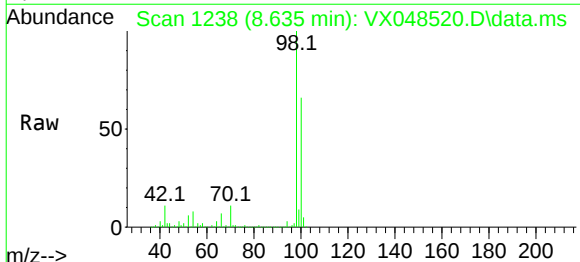
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

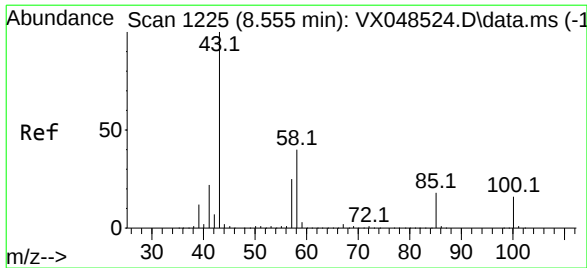
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.1	37.7
58	68.0	56.7	85.1



#50
Toluene-d8
Concen: 102.495 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.6	80.4





#51

4-Methyl-2-Pentanone

Concen: 501.730 ug/l

RT: 8.561 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

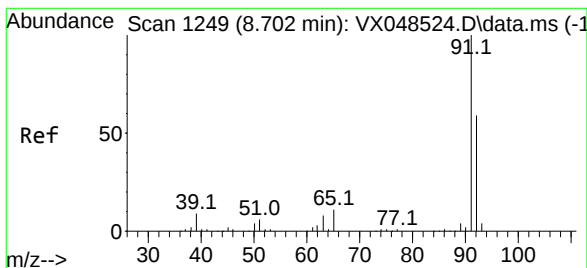
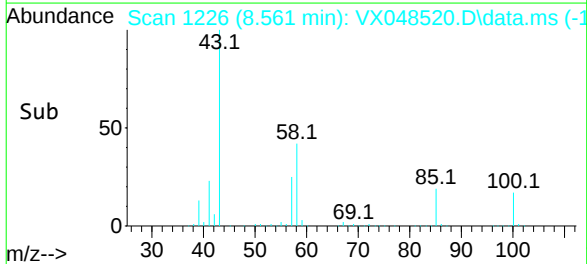
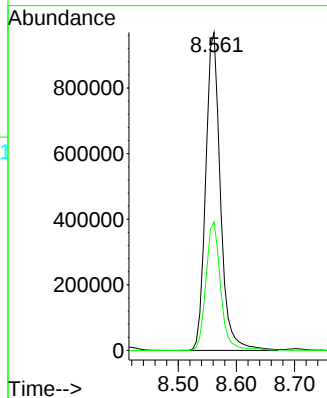
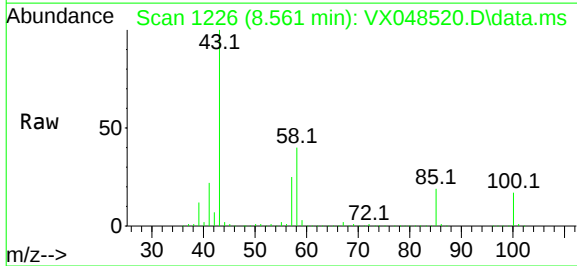
VSTDICC100

Tgt Ion: 43 Resp: 1705402

Ion Ratio Lower Upper

43 100

58 40.8 32.3 48.5



#52

Toluene

Concen: 104.979 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048520.D

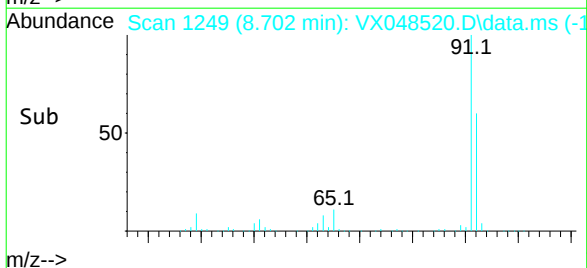
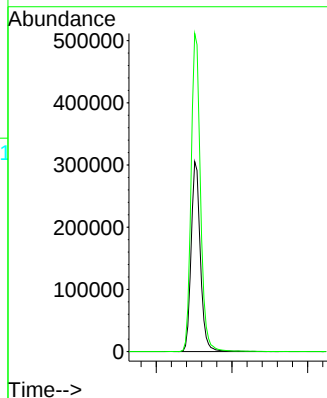
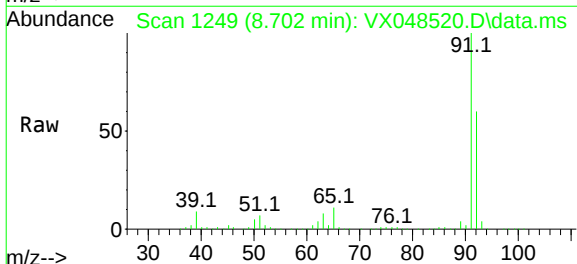
Acq: 07 Nov 2025 14:58

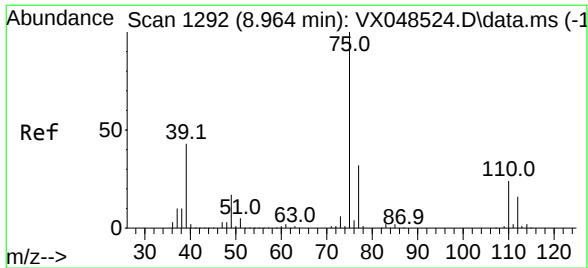
Tgt Ion: 92 Resp: 517017

Ion Ratio Lower Upper

92 100

91 170.1 137.0 205.6

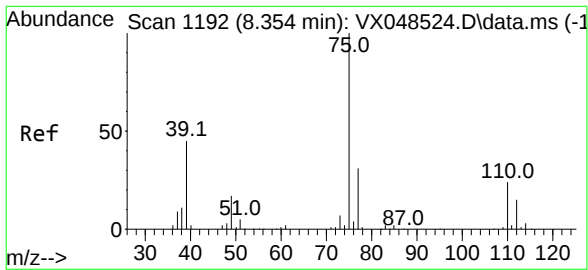
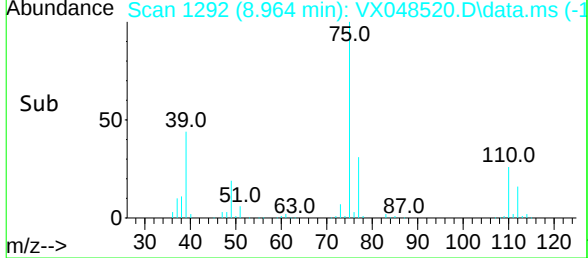
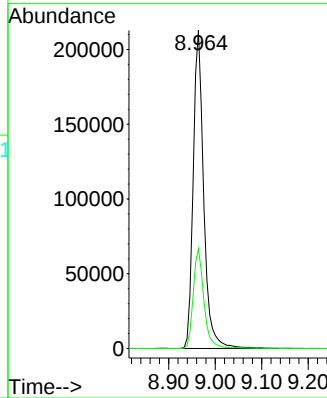
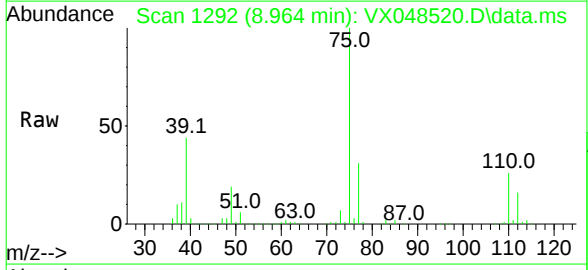




#53
 t-1,3-Dichloropropene
 Concen: 103.593 ug/l
 RT: 8.964 min Scan# 1292
 Delta R.T. -0.000 min
 Lab File: VX048520.D
 Acq: 07 Nov 2025 14:58

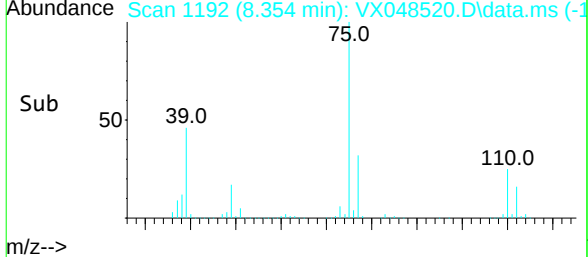
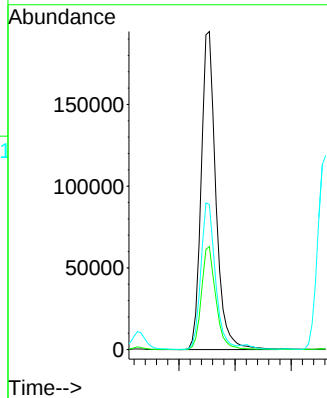
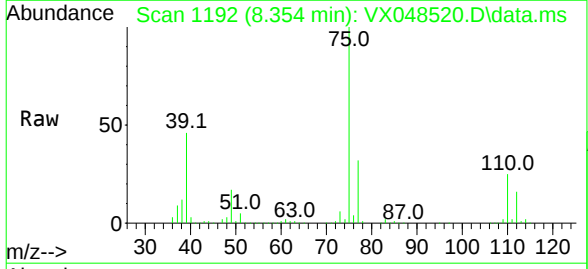
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

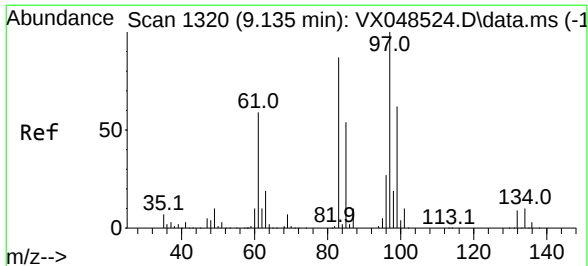
Tgt Ion: 75 Resp: 334066
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 106.080 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: VX048520.D
 Acq: 07 Nov 2025 14:58

Tgt Ion: 75 Resp: 354217
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.7 37.1
 39 45.6 36.1 54.1

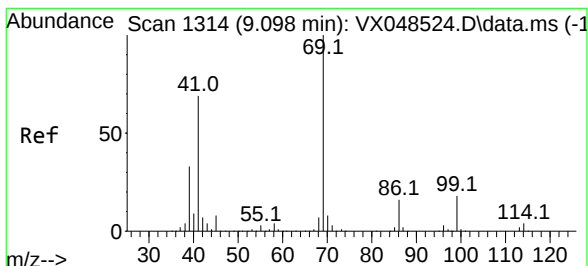
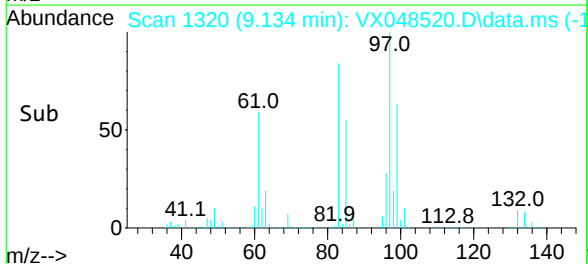
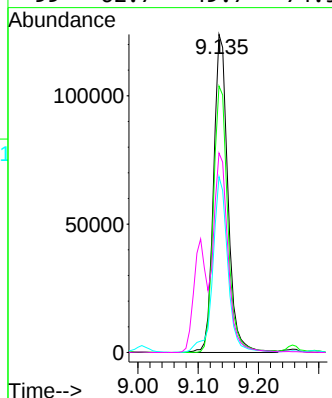
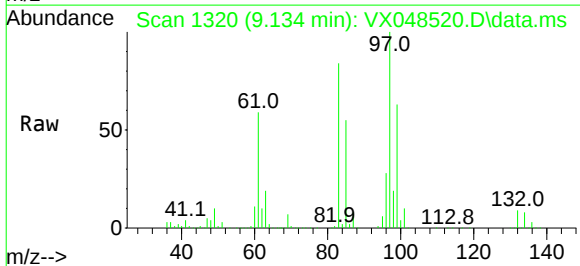




#55
1,1,2-Trichloroethane
Concen: 104.430 ug/l
RT: 9.134 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

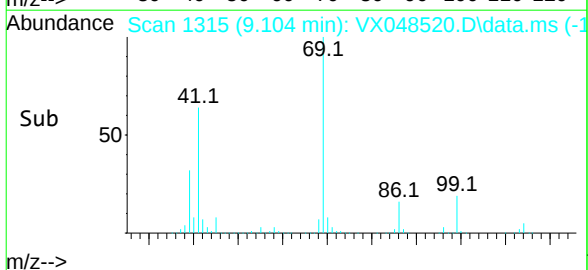
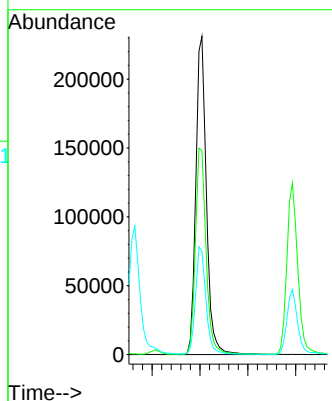
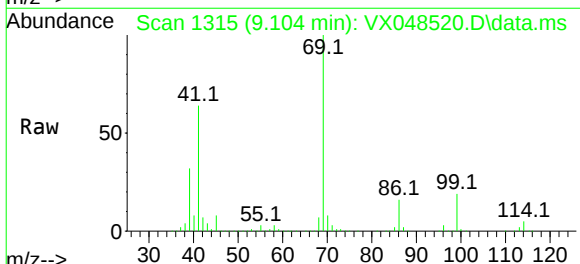
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

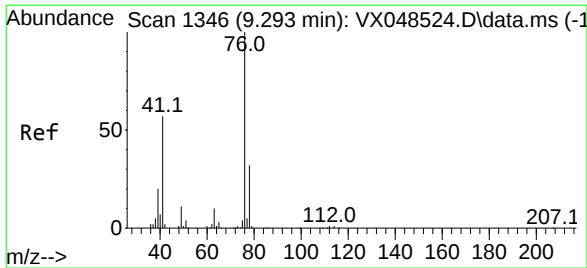
Tgt Ion:	97	Resp:	205483
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.2	103.8
85	55.2	42.8	64.2
99	62.7	49.7	74.5



#56
Ethyl methacrylate
Concen: 108.118 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	69	Resp:	353946
Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.3	79.9
39	33.5	26.1	39.1

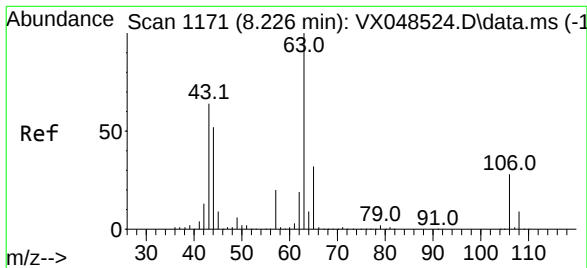
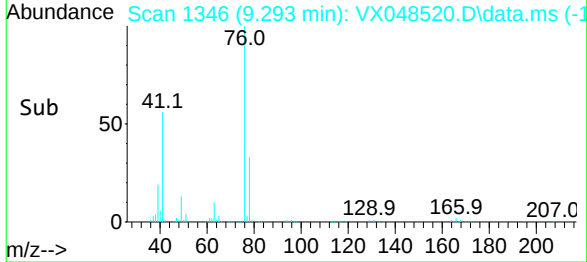
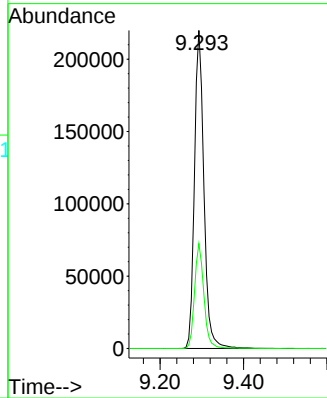
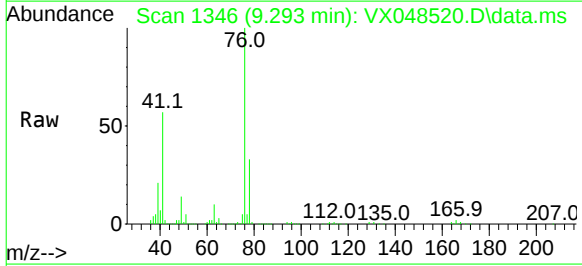




#57
1,3-Dichloropropane
Concen: 100.991 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

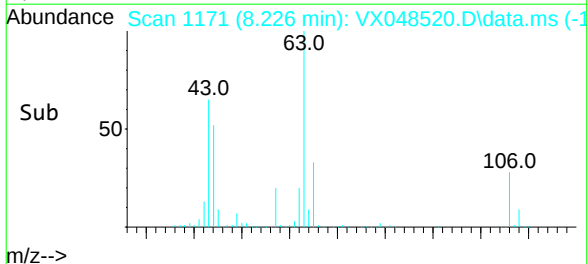
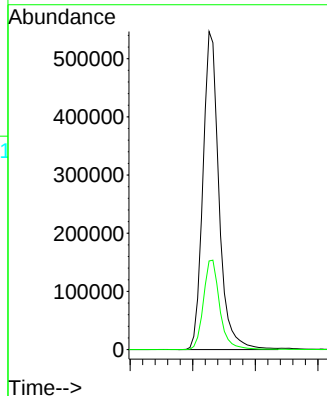
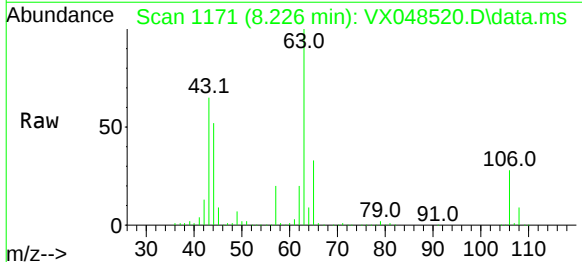
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

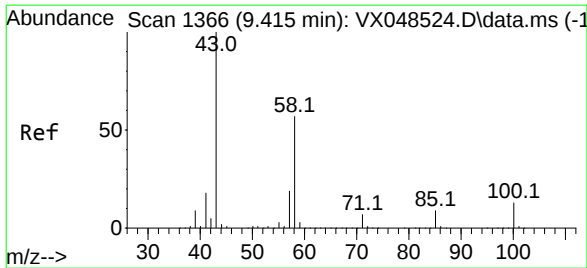
Tgt Ion: 76 Resp: 345885
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 557.345 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 63 Resp: 972237
Ion Ratio Lower Upper
63 100
106 28.8 23.0 34.4

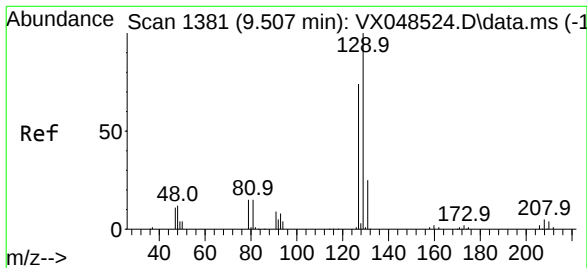
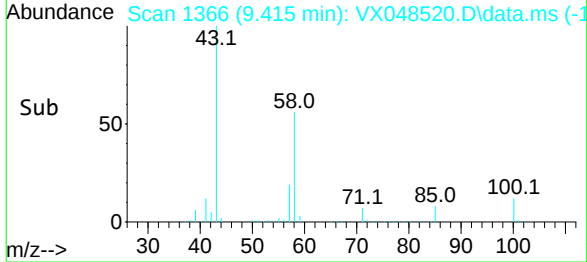
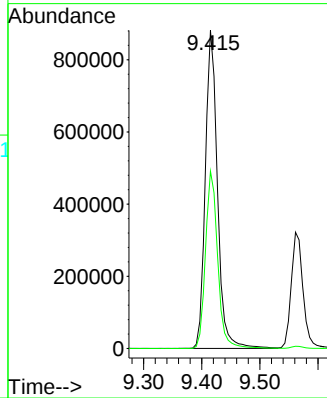
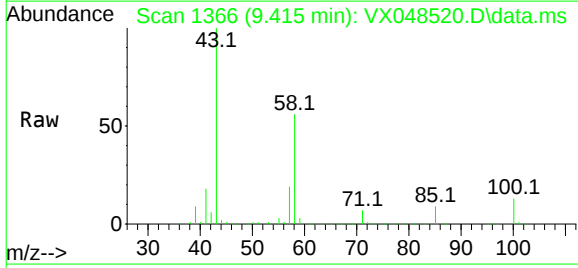




#59
2-Hexanone
Concen: 505.516 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

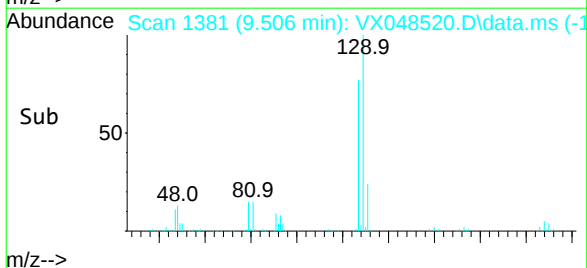
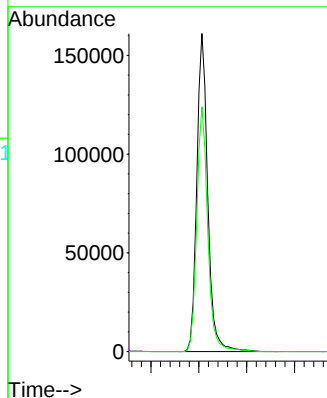
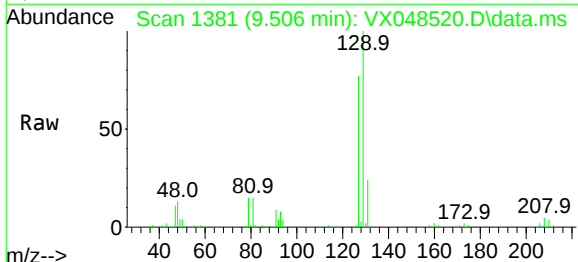
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

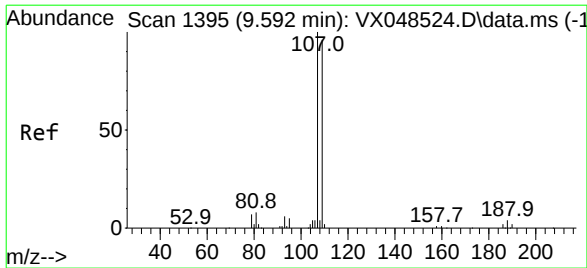
Tgt Ion: 43 Resp: 1278151
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.2



#60
Dibromochloromethane
Concen: 105.596 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 129 Resp: 255107
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.0





#61

1,2-Dibromoethane

Concen: 104.402 ug/l

RT: 9.592 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

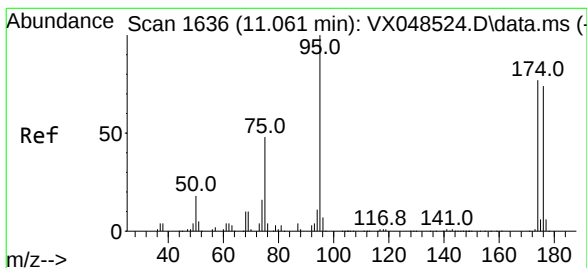
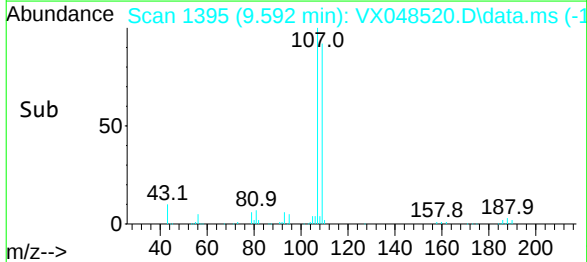
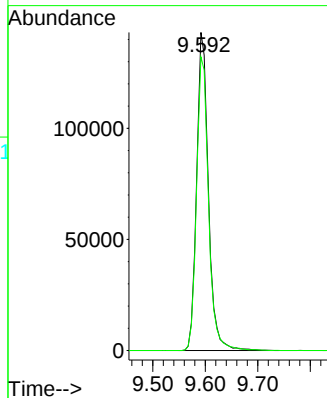
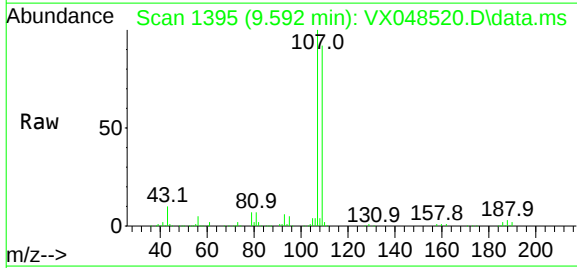
VSTDIC100

Tgt Ion:107 Resp: 222500

Ion Ratio Lower Upper

107 100

109 94.3 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 101.109 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

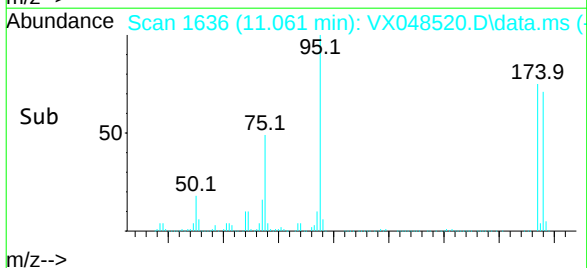
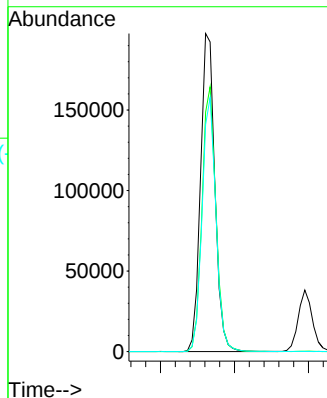
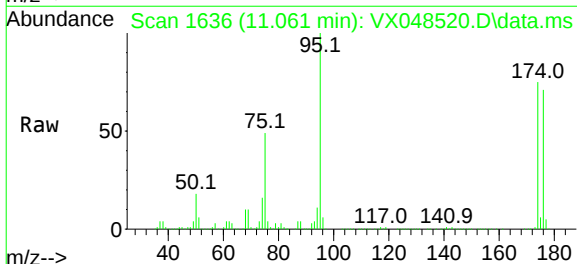
Tgt Ion: 95 Resp: 264846

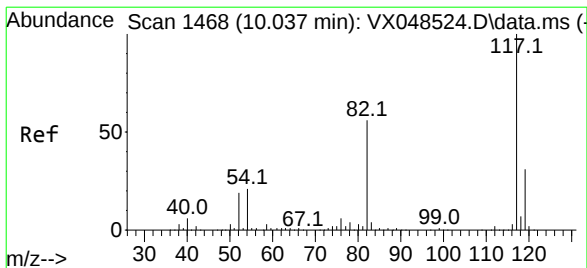
Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.8

176 77.6 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: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

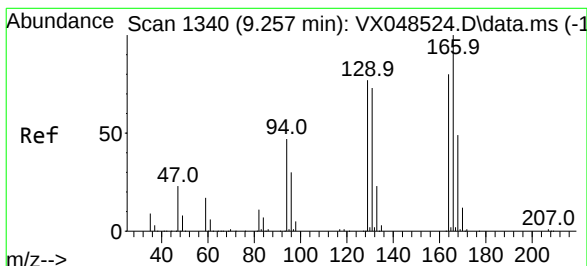
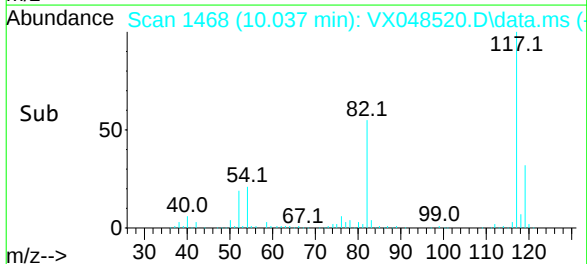
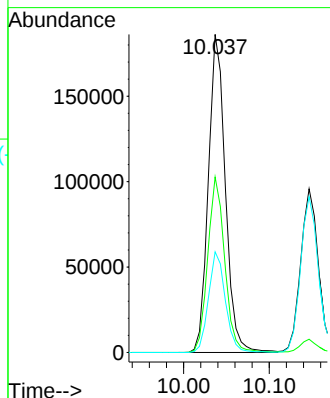
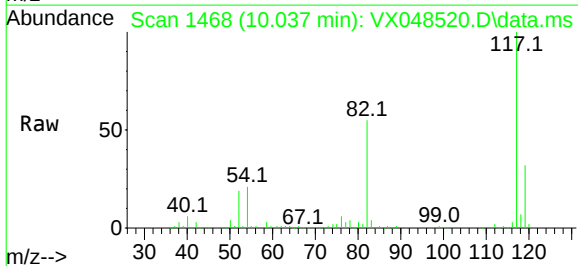
Tgt Ion:117 Resp: 257038

Ion Ratio Lower Upper

117 100

82 55.2 44.4 66.6

119 31.7 25.1 37.7



#64

Tetrachloroethene

Concen: 94.858 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Tgt Ion:164 Resp: 177093

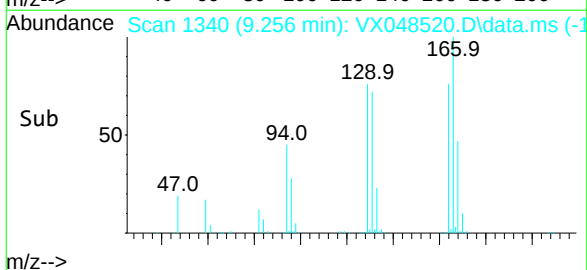
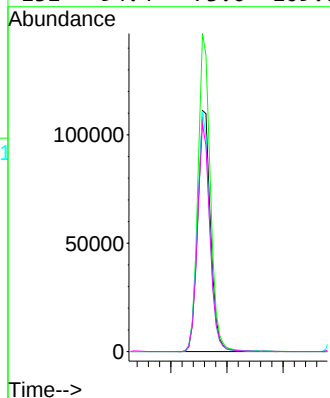
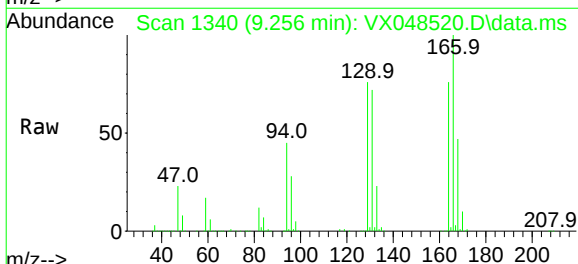
Ion Ratio Lower Upper

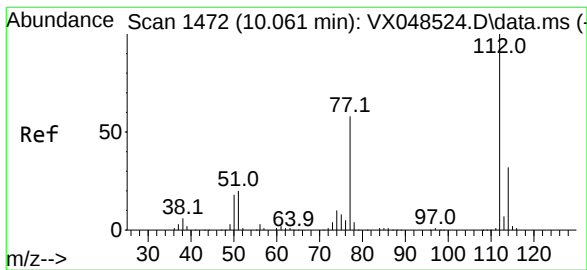
164 100

166 132.0 100.6 150.8

129 99.9 77.6 116.4

131 94.4 73.0 109.6

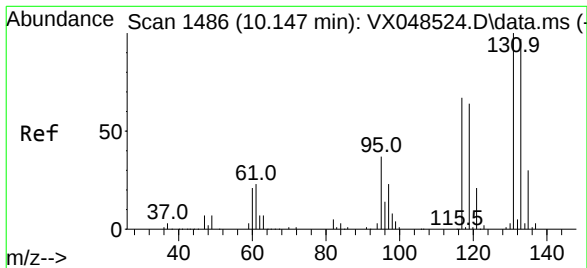
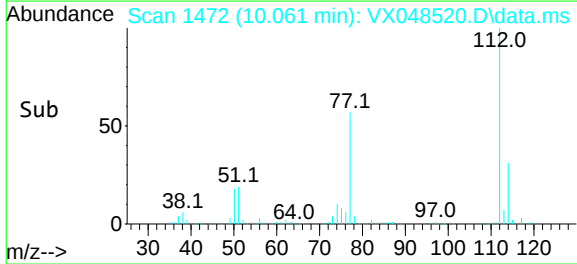
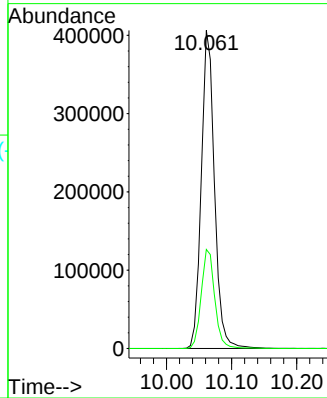
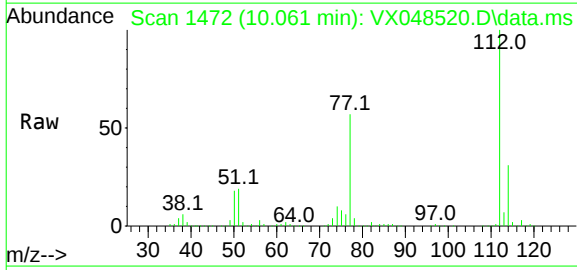




#65
Chlorobenzene
Concen: 93.674 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

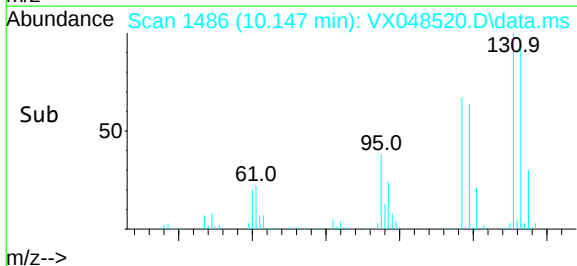
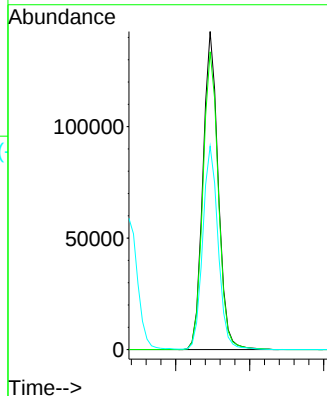
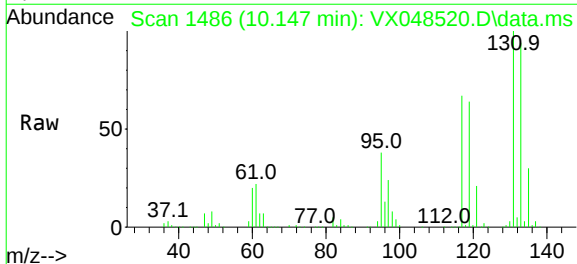
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

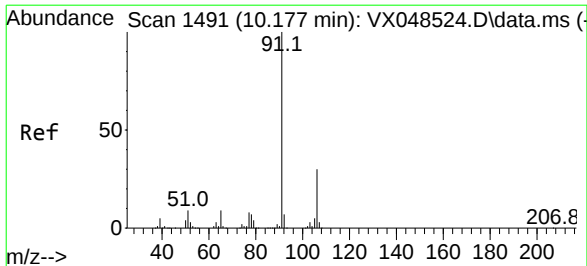
Tgt Ion:112 Resp: 571492
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 100.159 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion:131 Resp: 204743
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.6 32.8 98.3





#67

Ethyl Benzene

Concen: 95.307 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

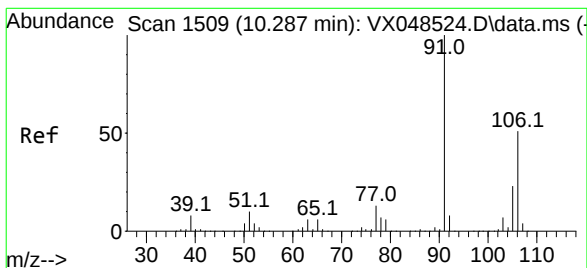
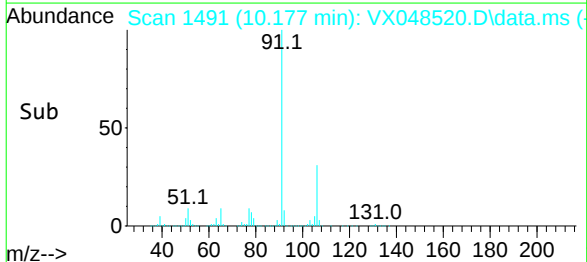
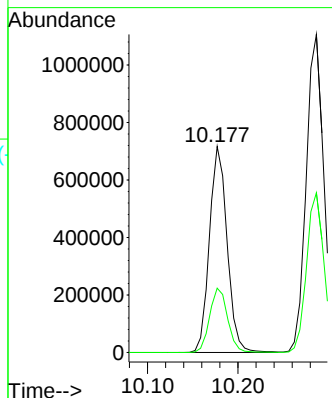
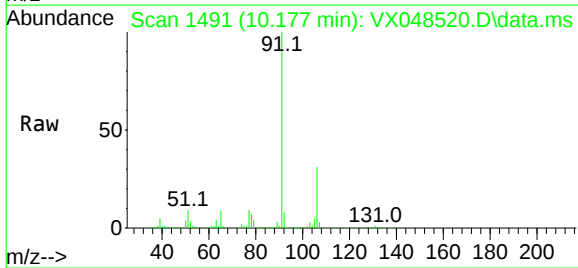
VSTDICC100

Tgt Ion: 91 Resp: 976399

Ion Ratio Lower Upper

91 100

106 31.2 24.1 36.1



#68

m/p-Xylenes

Concen: 196.183 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048520.D

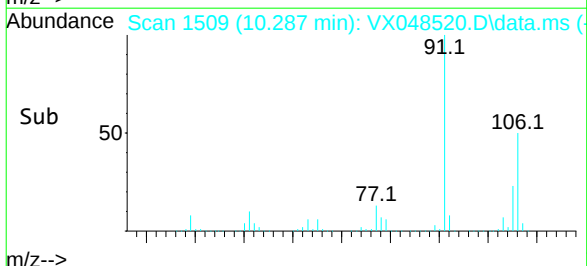
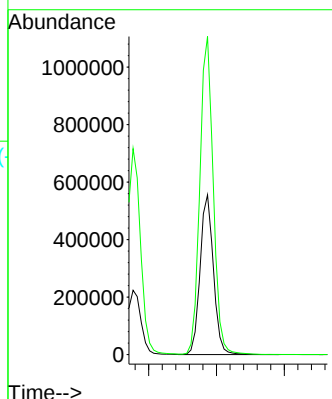
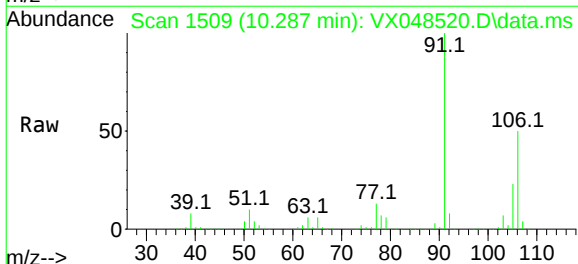
Acq: 07 Nov 2025 14:58

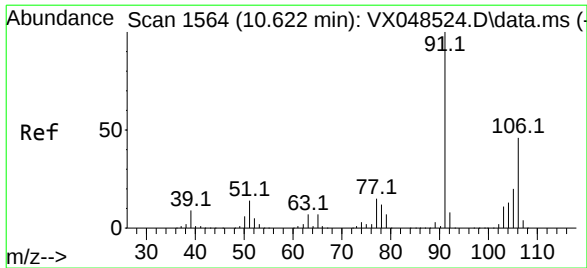
Tgt Ion:106 Resp: 756955

Ion Ratio Lower Upper

106 100

91 200.7 159.6 239.4





#69

o-Xylene

Concen: 97.252 ug/l

RT: 10.628 min Scan# 1564

Delta R.T. 0.006 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

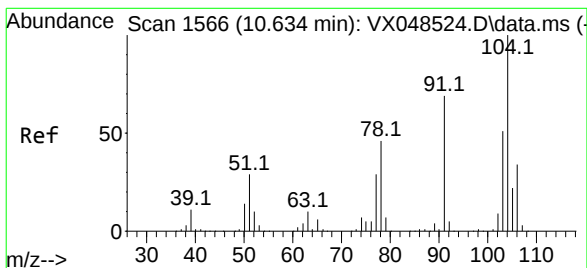
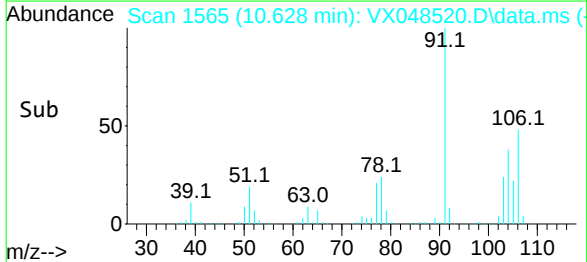
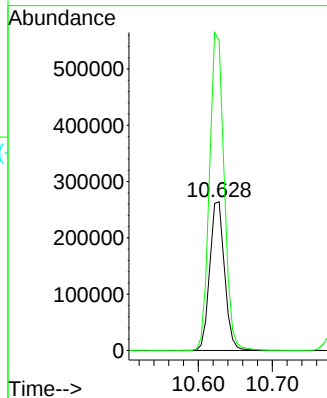
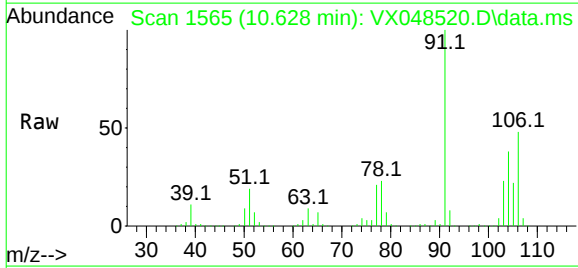
VSTDICC100

Tgt Ion:106 Resp: 367131

Ion Ratio Lower Upper

106 100

91 212.5 106.4 319.2



#70

Styrene

Concen: 99.544 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

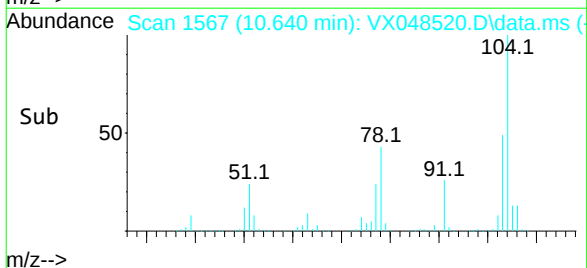
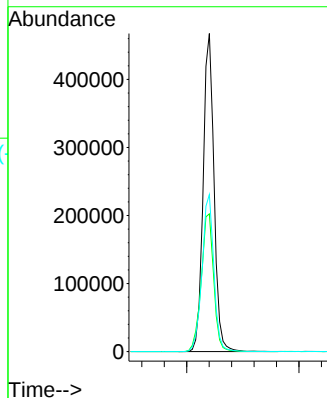
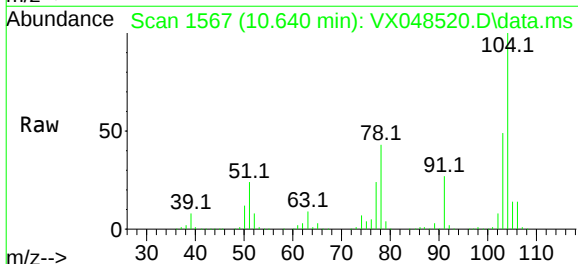
Tgt Ion:104 Resp: 630372

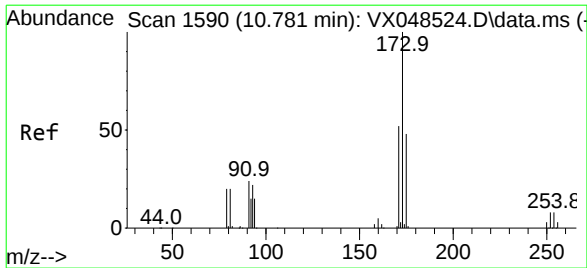
Ion Ratio Lower Upper

104 100

78 49.3 39.4 59.2

103 53.5 43.1 64.7

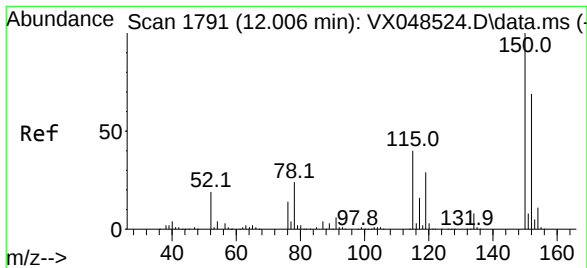
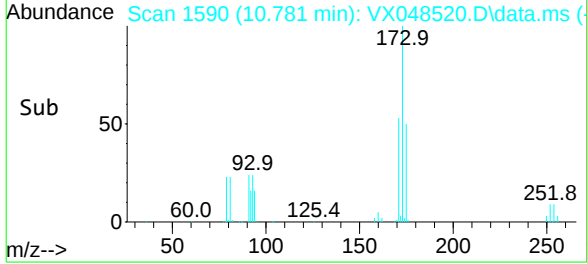
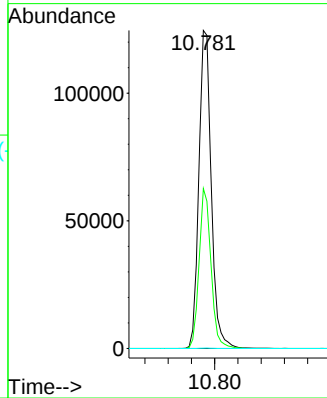
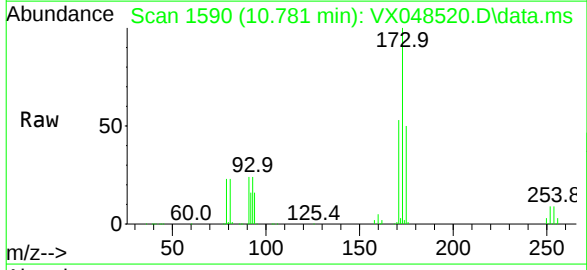




#71
Bromoform
Concen: 97.773 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

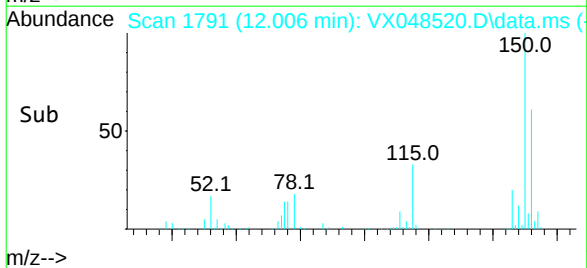
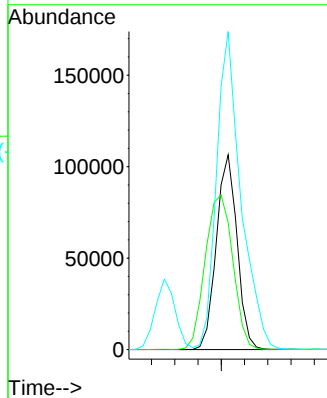
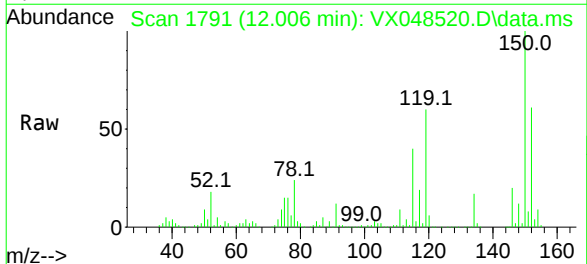
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

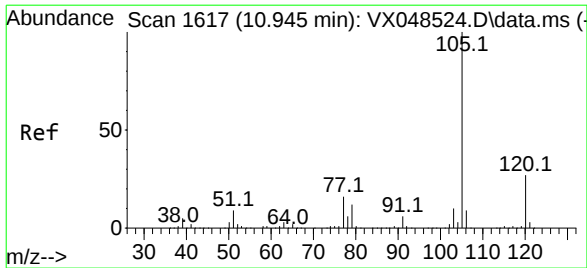
Tgt Ion:173 Resp: 184392
Ion Ratio Lower Upper
173 100
175 48.1 24.4 73.4
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion:152 Resp: 132080
Ion Ratio Lower Upper
152 100
115 105.8 39.2 117.6
150 192.2 0.0 347.0

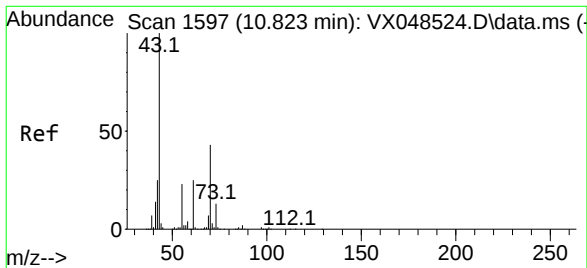
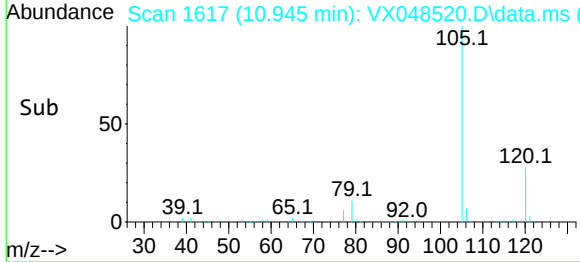
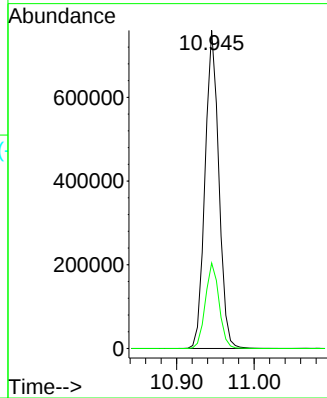
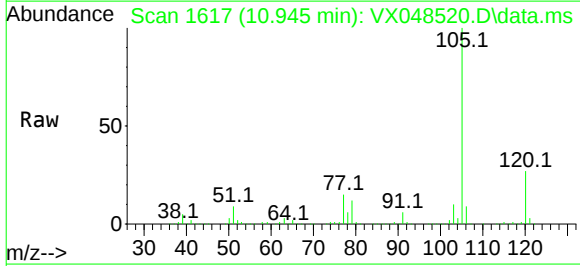




#73
Isopropylbenzene
Concen: 97.838 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

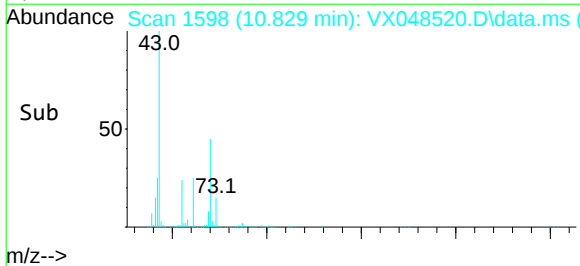
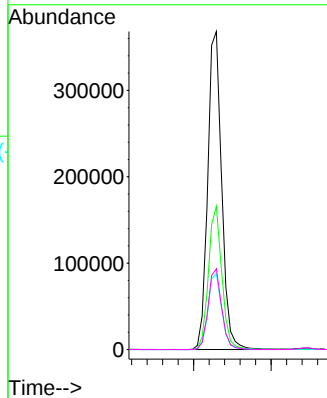
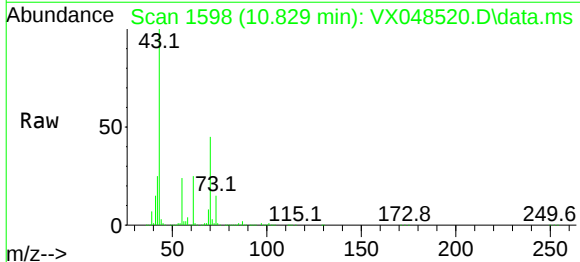
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

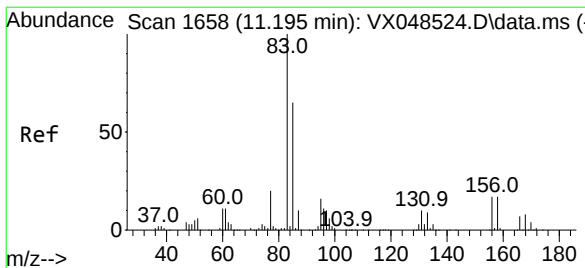
Tgt Ion:105 Resp: 937990
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7



#74
N-ethyl acetate
Concen: 95.409 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 43 Resp: 459285
Ion Ratio Lower Upper
43 100
70 43.5 35.1 52.7
55 23.7 19.3 28.9
61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 94.300 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

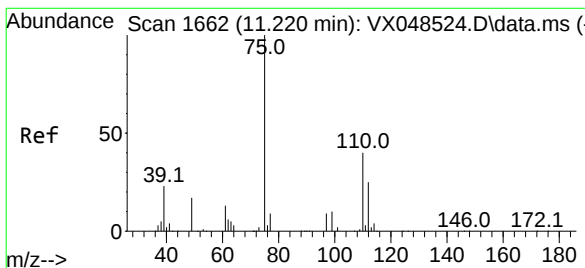
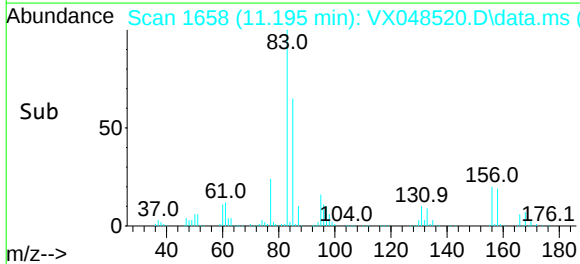
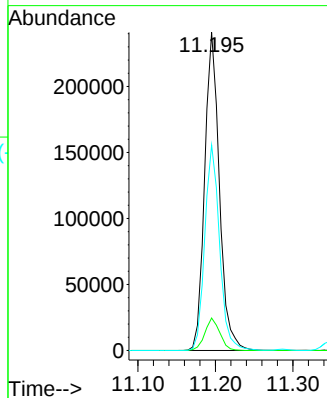
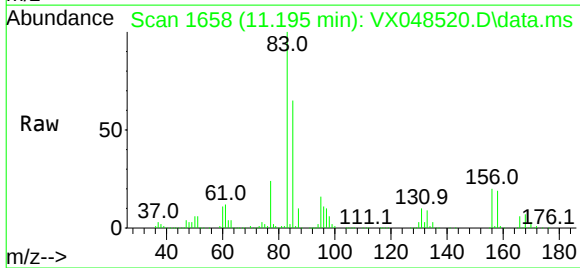
Tgt Ion: 83 Resp: 318823

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

85 64.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 135.475 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. -0.000 min

Lab File: VX048520.D

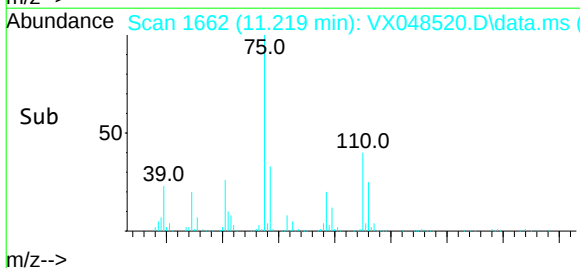
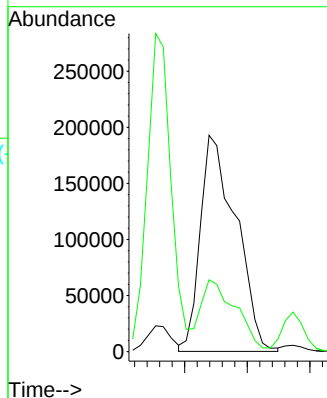
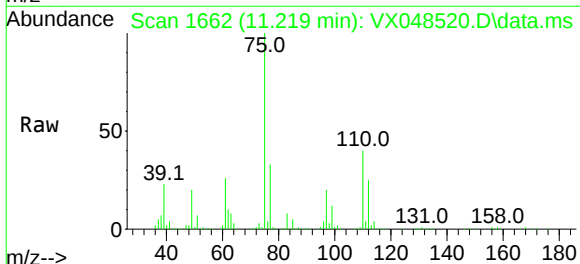
Acq: 07 Nov 2025 14:58

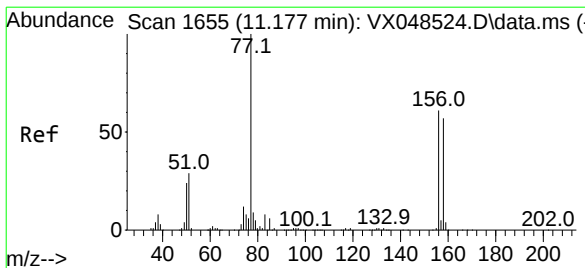
Tgt Ion: 75 Resp: 381515

Ion Ratio Lower Upper

75 100

77 31.7 24.3 72.8





#77

Bromobenzene

Concen: 97.018 ug/l

RT: 11.183 min Scan# 1655

Delta R.T. 0.006 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

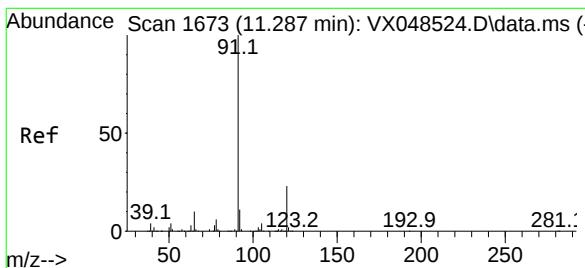
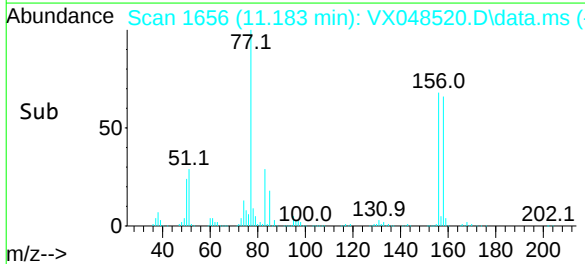
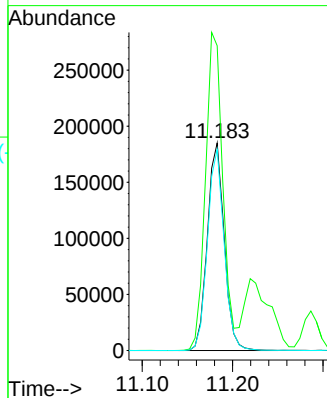
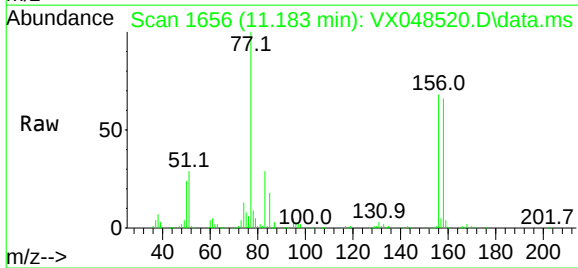
Tgt Ion:156 Resp: 240181

Ion Ratio Lower Upper

156 100

77 156.1 78.1 234.4

158 95.6 48.5 145.5



#78

n-propylbenzene

Concen: 96.002 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048520.D

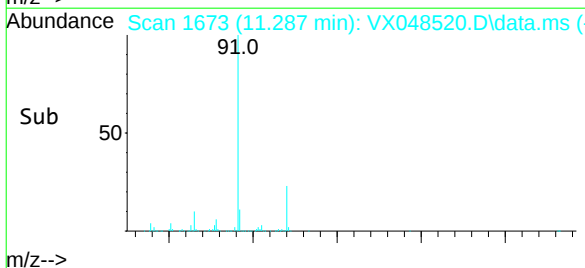
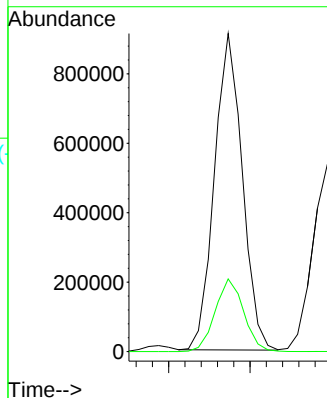
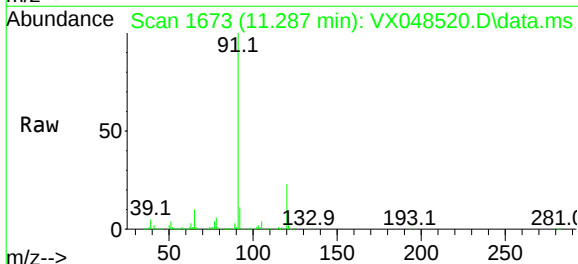
Acq: 07 Nov 2025 14:58

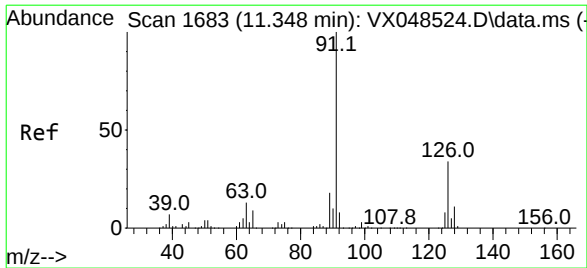
Tgt Ion: 91 Resp: 1082239

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.8





#79

2-Chlorotoluene

Concen: 96.659 ug/l

RT: 11.348 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

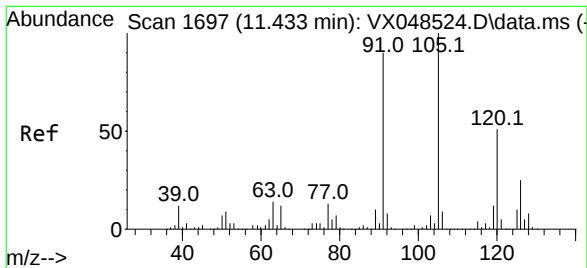
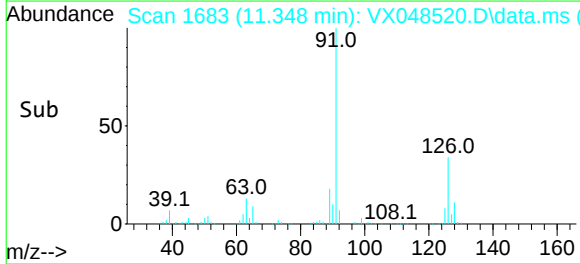
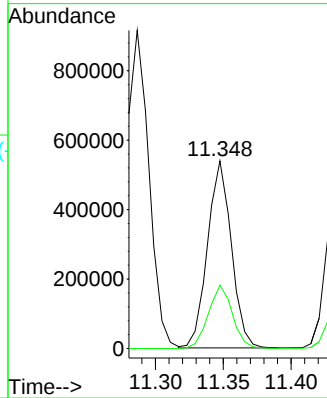
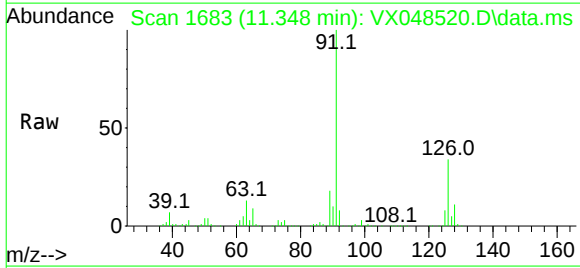
VSTDIC100

Tgt Ion: 91 Resp: 658434

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 98.464 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048520.D

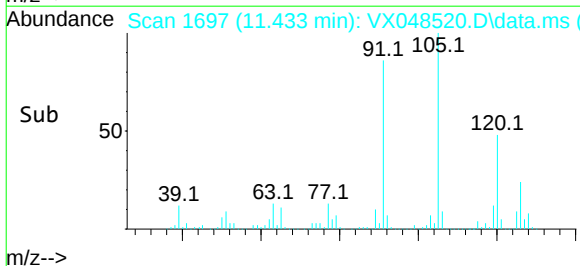
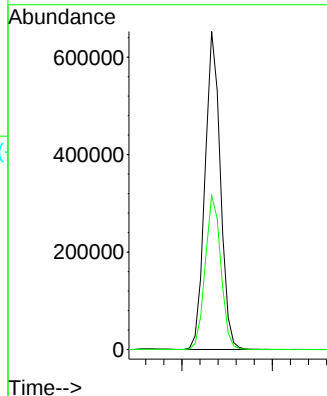
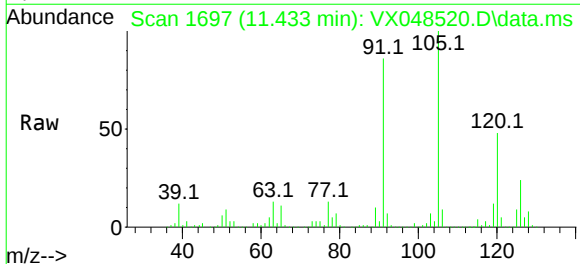
Acq: 07 Nov 2025 14:58

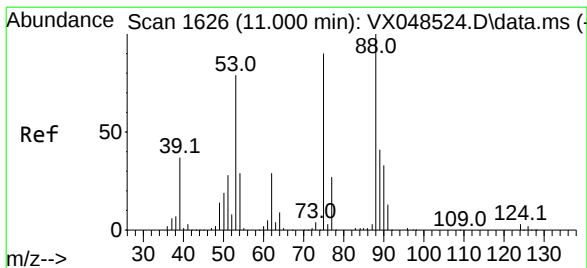
Tgt Ion:105 Resp: 769561

Ion Ratio Lower Upper

105 100

120 49.2 25.1 75.2

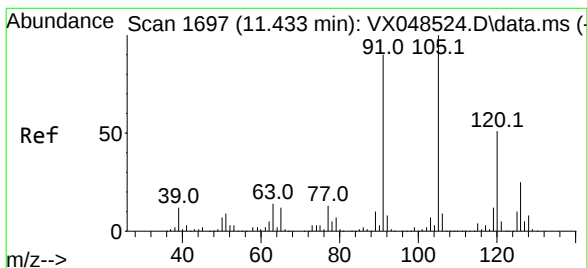
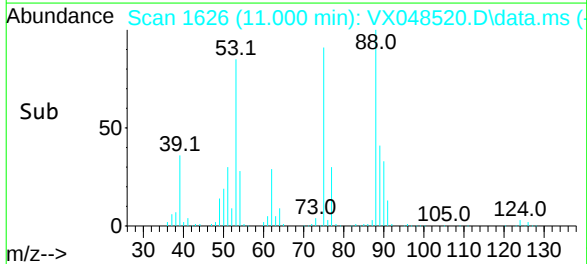
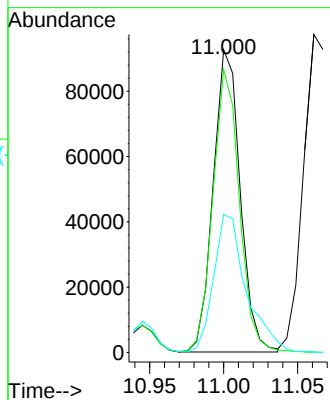
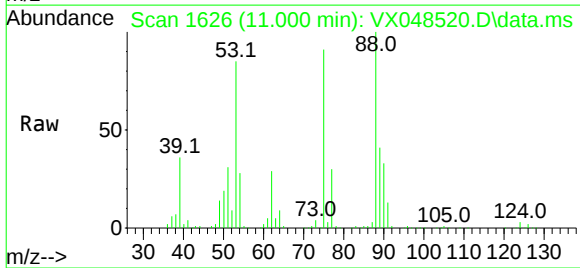




#81
trans-1,4-Dichloro-2-butene
Concen: 105.450 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

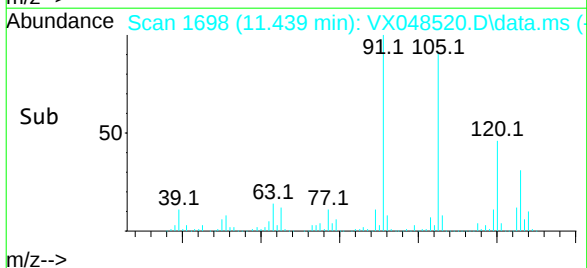
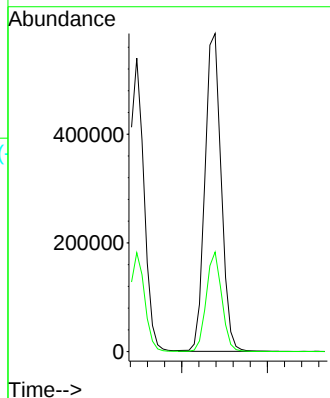
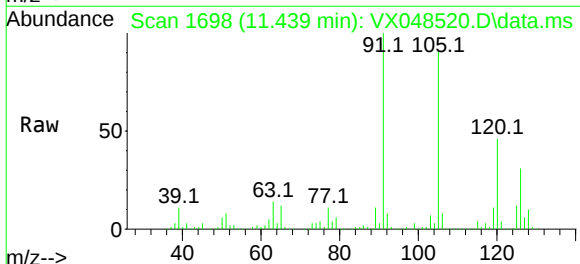
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

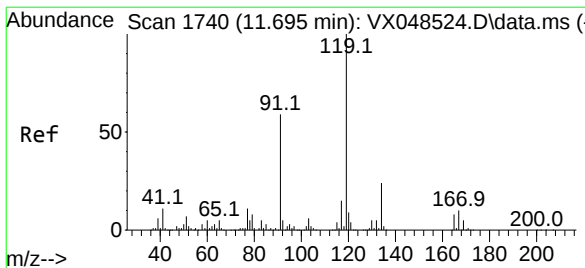
Tgt Ion: 75 Resp: 117309
Ion Ratio Lower Upper
75 100
53 92.2 72.4 108.6
89 55.6 43.6 65.4



#82
4-Chlorotoluene
Concen: 96.385 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 91 Resp: 770164
Ion Ratio Lower Upper
91 100
126 29.9 14.9 44.7





#83

tert-Butylbenzene

Concen: 99.204 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

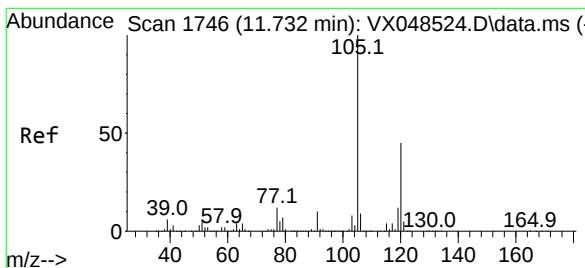
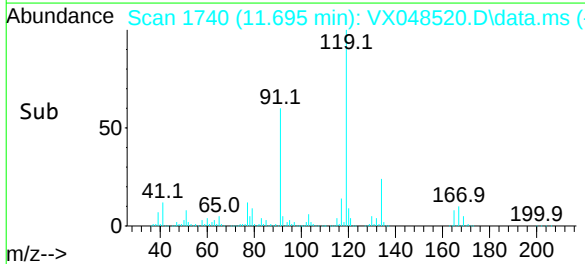
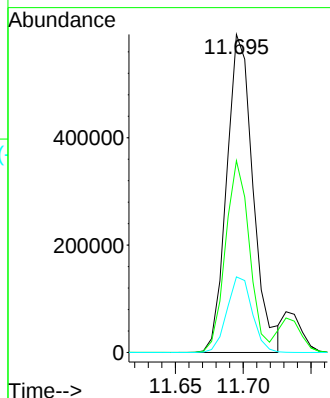
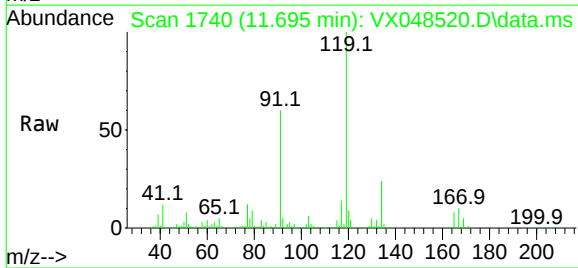
Tgt Ion:119 Resp: 801942

Ion Ratio Lower Upper

119 100

91 54.9 27.1 81.3

134 22.7 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 98.837 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048520.D

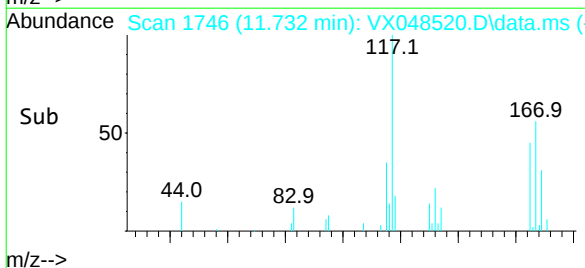
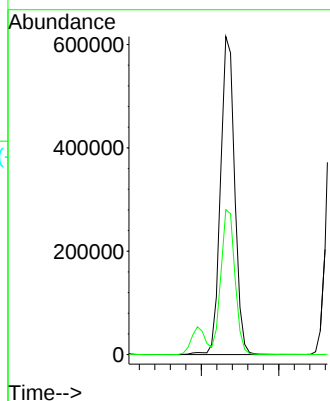
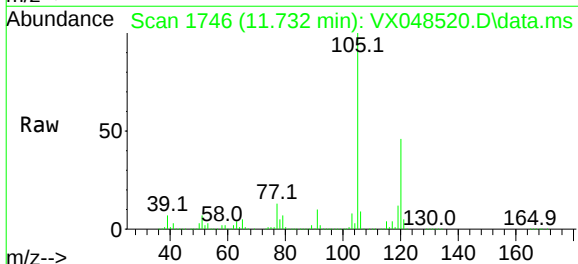
Acq: 07 Nov 2025 14:58

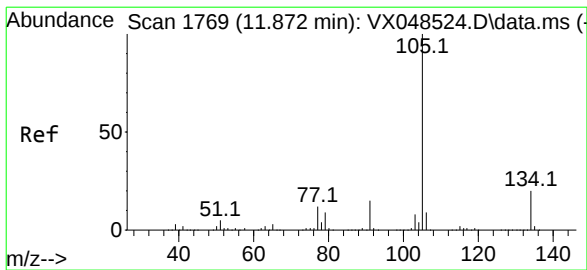
Tgt Ion:105 Resp: 779410

Ion Ratio Lower Upper

105 100

120 45.2 22.4 67.0

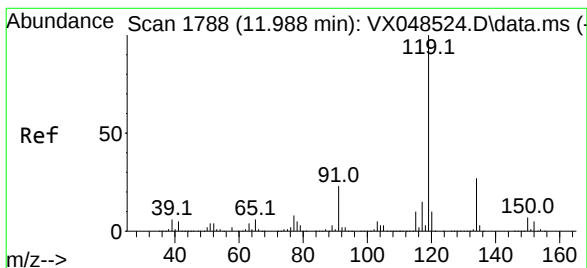
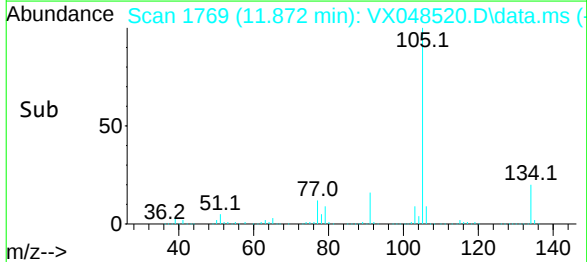
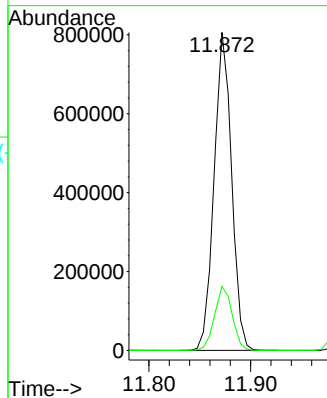
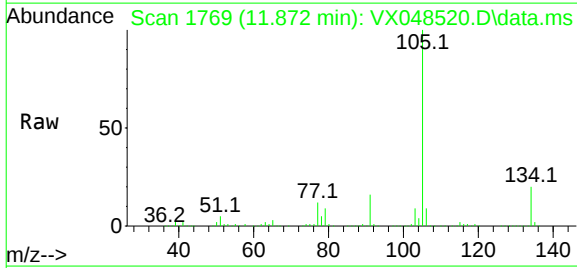




#85
sec-Butylbenzene
Concen: 96.323 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

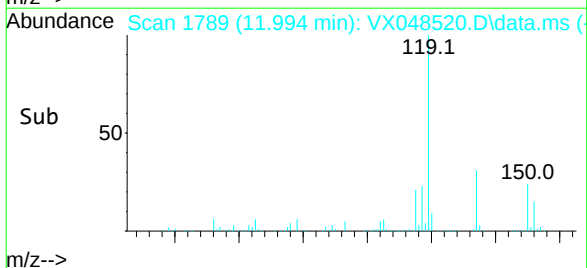
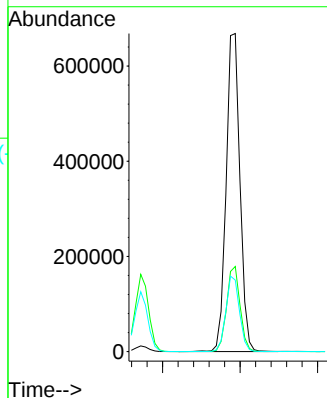
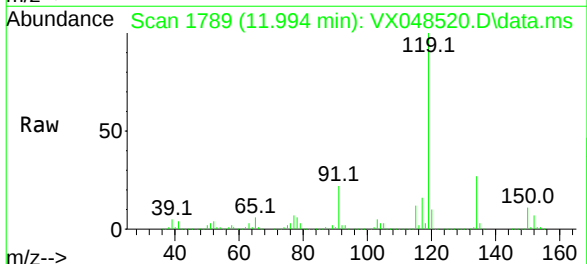
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

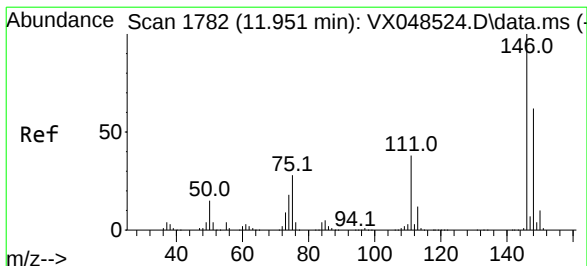
Tgt Ion:105 Resp: 962376
Ion Ratio Lower Upper
105 100
134 20.4 10.2 30.4



#86
p-Isopropyltoluene
Concen: 98.227 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048520.D
Acq: 07 Nov 2025 14:58

Tgt Ion:119 Resp: 825080
Ion Ratio Lower Upper
119 100
134 26.1 13.2 39.5
91 23.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 95.645 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048520.D

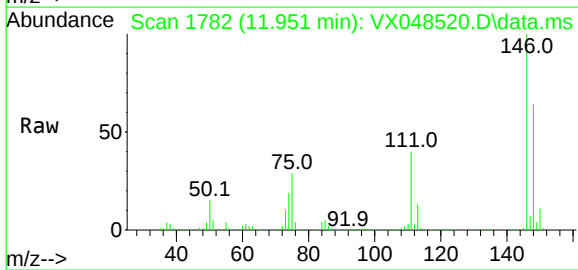
Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



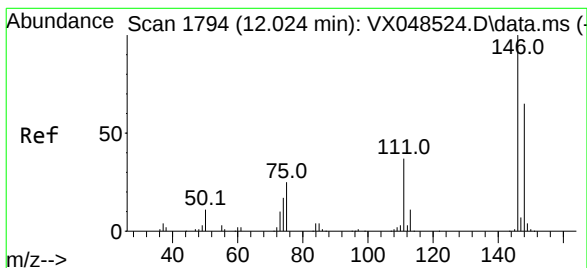
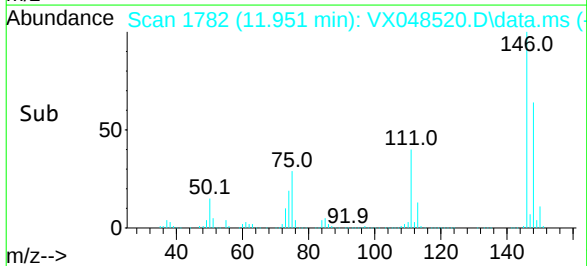
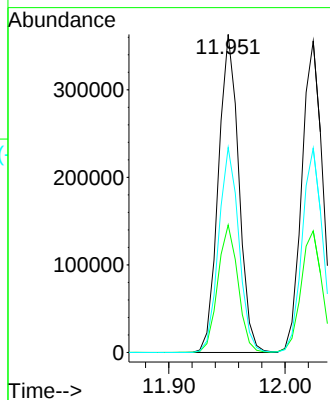
Tgt Ion:146 Resp: 443784

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.4

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 94.299 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

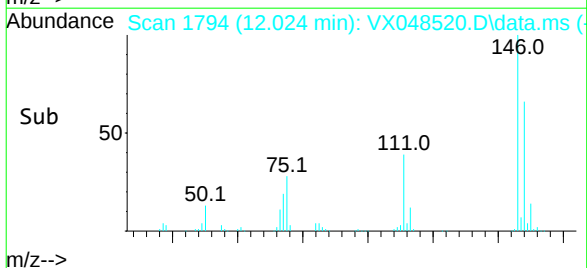
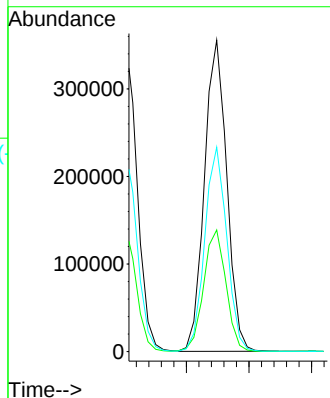
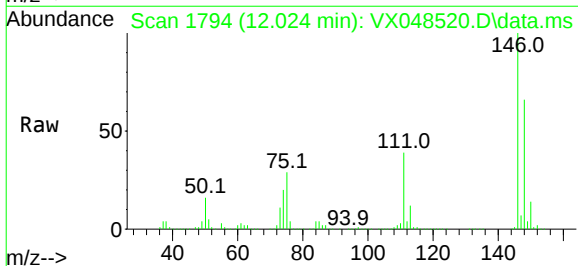
Tgt Ion:146 Resp: 441447

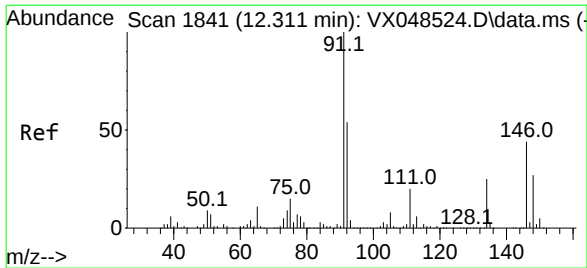
Ion Ratio Lower Upper

146 100

111 39.0 19.2 57.6

148 64.8 31.9 95.9





#89

n-Butylbenzene

Concen: 96.635 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX048520.D

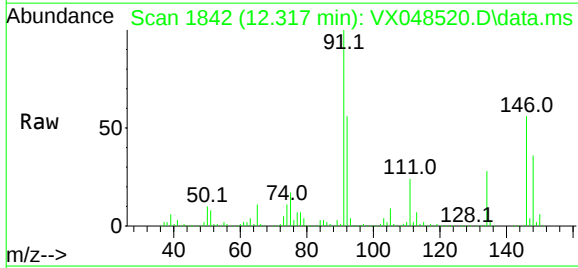
Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



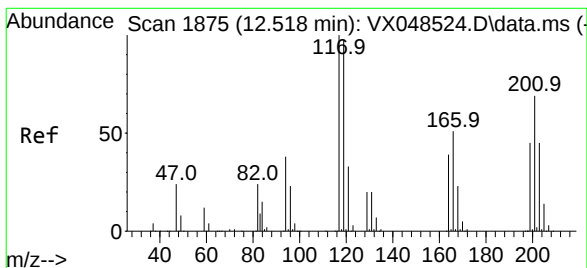
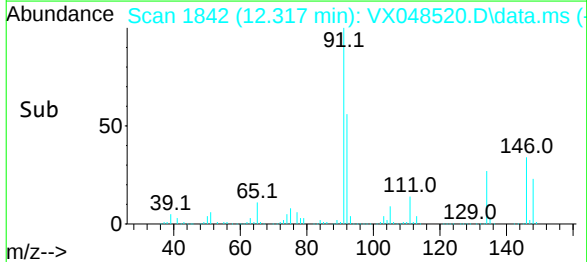
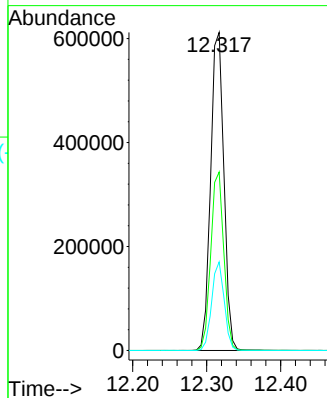
Tgt Ion: 91 Resp: 761466

Ion Ratio Lower Upper

91 100

92 55.3 27.2 81.5

134 26.4 13.0 39.0



#90

Hexachloroethane

Concen: 98.594 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048520.D

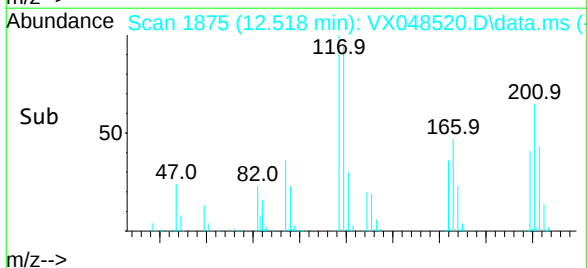
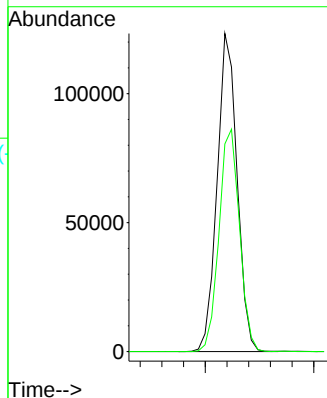
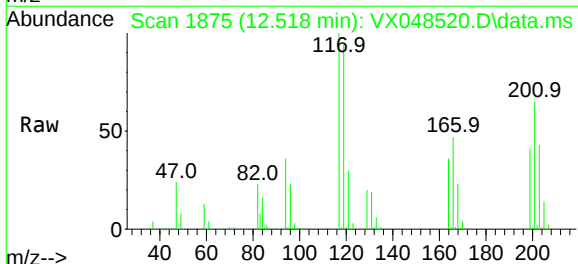
Acq: 07 Nov 2025 14:58

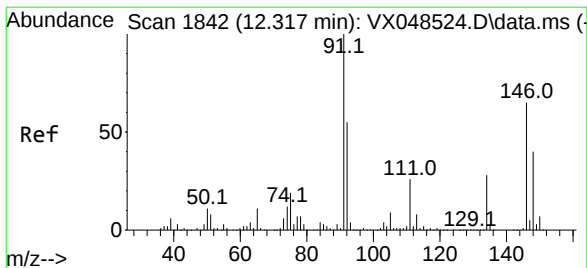
Tgt Ion: 117 Resp: 157787

Ion Ratio Lower Upper

117 100

201 71.7 35.9 107.8





#91

1,2-Dichlorobenzene

Concen: 96.491 ug/l

RT: 12.317 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX048520.D

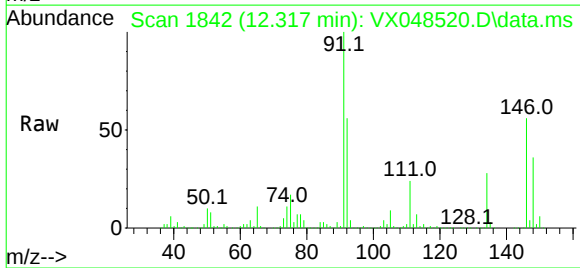
Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



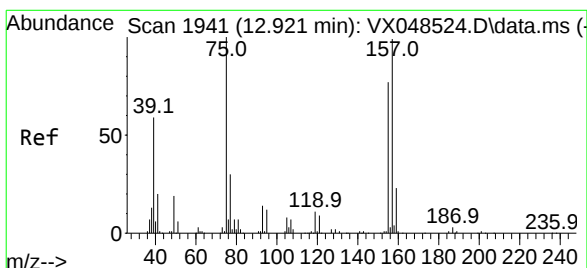
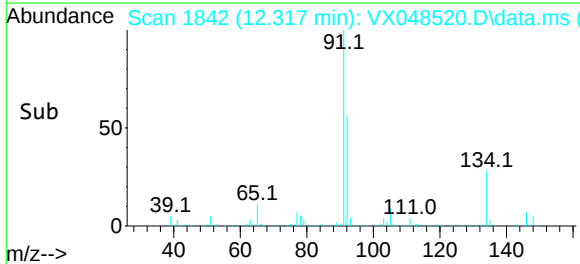
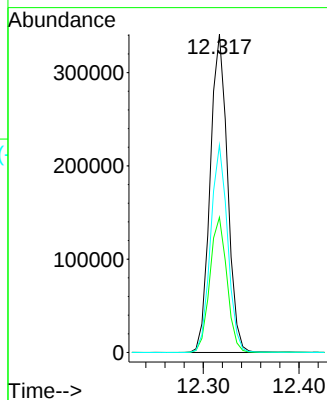
Tgt Ion:146 Resp: 429792

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

148 64.1 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.084 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

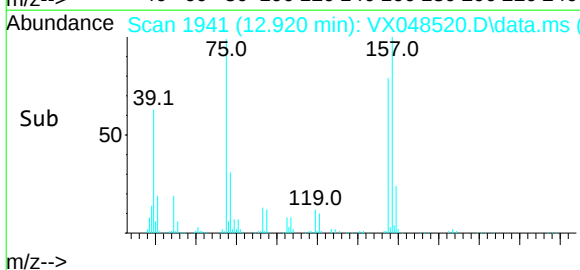
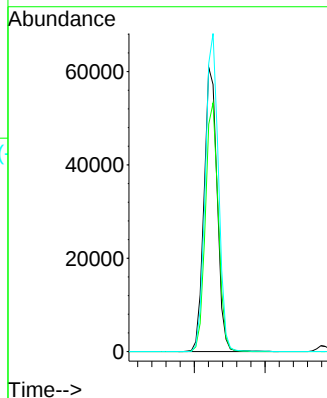
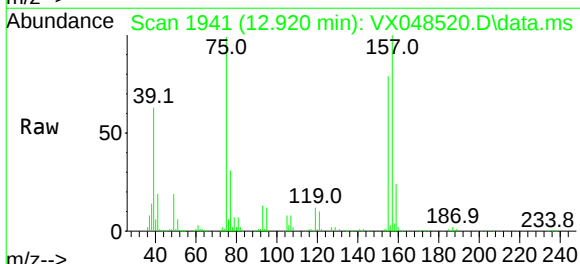
Tgt Ion: 75 Resp: 78635

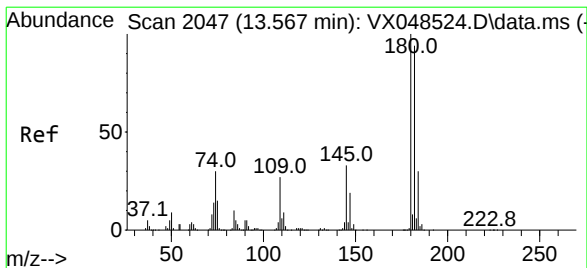
Ion Ratio Lower Upper

75 100

155 85.7 43.5 130.7

157 111.4 54.8 164.4





#93

1,2,4-Trichlorobenzene

Concen: 97.941 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

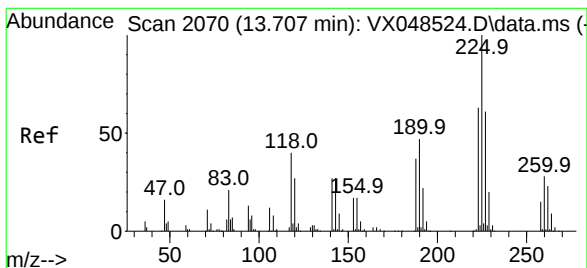
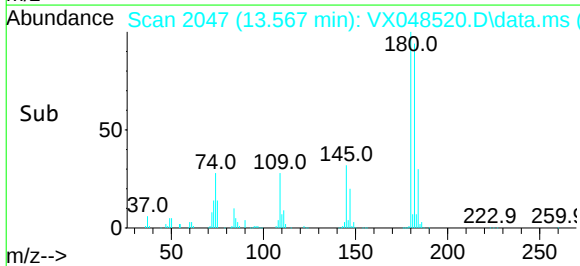
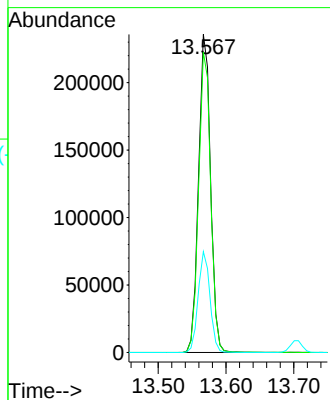
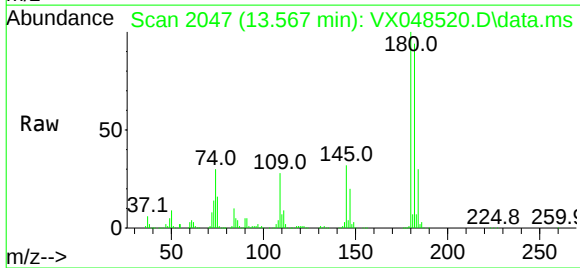
Tgt Ion:180 Resp: 289894

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.6

145 31.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 89.932 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

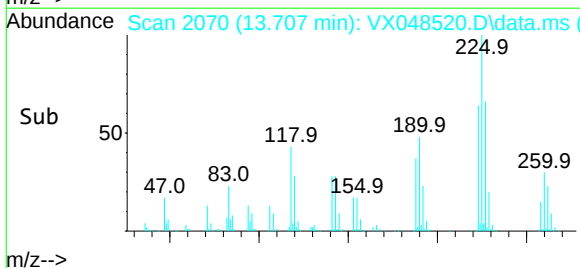
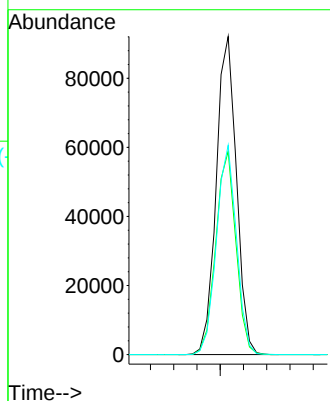
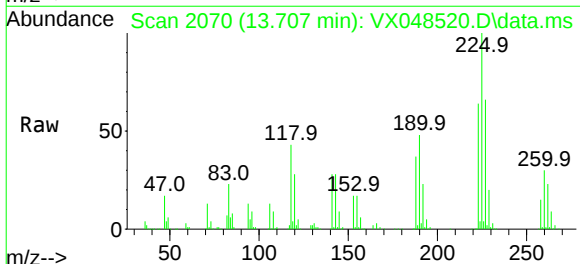
Tgt Ion:225 Resp: 111275

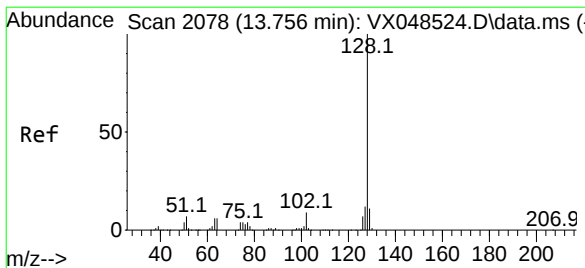
Ion Ratio Lower Upper

225 100

223 63.5 30.6 92.0

227 65.0 32.5 97.4





#95

Naphthalene

Concen: 103.580 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

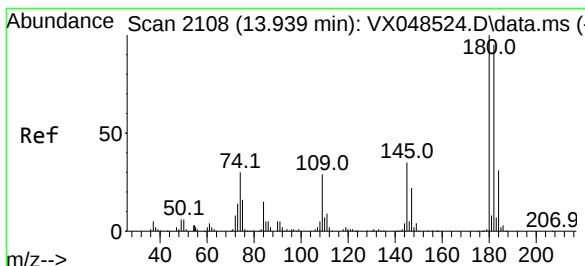
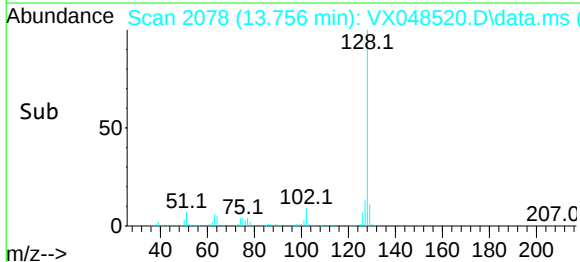
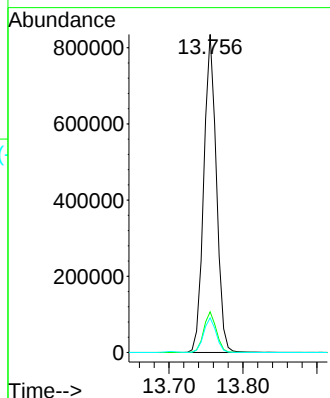
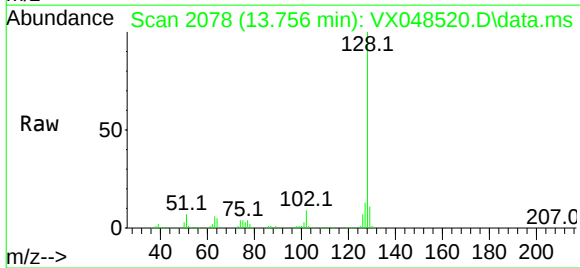
Tgt Ion:128 Resp: 985717

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 100.642 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048520.D

Acq: 07 Nov 2025 14:58

Tgt Ion:180 Resp: 277082

Ion Ratio Lower Upper

180 100

182 94.5 47.3 142.0

145 32.5 16.7 50.0

