

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045526.D
 Acq On : 01 Apr 2025 17:29
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 02 02:51:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	93234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8969	5.260	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.520%#
35) Dibromofluoromethane	5.391	113	6181	5.244	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.480%#
50) Toluene-d8	8.647	98	20890	5.077	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.160%#
62) 4-Bromofluorobenzene	11.079	95	6867	4.582	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	9.160%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6482	4.649	ug/l	91
3) Chloromethane	1.307	50	6846	4.779	ug/l	99
4) Vinyl Chloride	1.374	62	6169	4.706	ug/l	100
5) Bromomethane	1.593	94	3185	5.124	ug/l	90
6) Chloroethane	1.666	64	3703	5.324	ug/l	96
7) Trichlorofluoromethane	1.874	101	9316	4.766	ug/l	94
8) Diethyl Ether	2.136	74	3171	4.832	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	5589	4.879	ug/l	99
10) Methyl Iodide	2.447	142	6574	4.601	ug/l	97
11) Tert butyl alcohol	2.983	59	5186	22.633	ug/l	99
12) 1,1-Dichloroethene	2.313	96	5485	4.901	ug/l	90
13) Acrolein	2.239	56	8202	25.993	ug/l	97
14) Allyl chloride	2.654	41	9960	4.690	ug/l	95
15) Acrylonitrile	3.069	53	17811	24.624	ug/l	97
16) Acetone	2.386	43	17188	24.550	ug/l	99
17) Carbon Disulfide	2.502	76	12376	4.477	ug/l #	93
18) Methyl Acetate	2.703	43	8042	4.989	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	18314	4.677	ug/l	100
20) Methylene Chloride	2.782	84	6481	4.945	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	5534	4.840	ug/l	95
22) Diisopropyl ether	3.764	45	19765	4.725	ug/l #	82
23) Vinyl Acetate	3.721	43	78907	21.831	ug/l	98
24) 1,1-Dichloroethane	3.605	63	11562	4.887	ug/l	98
25) 2-Butanone	4.574	43	25026	24.419	ug/l	99
26) 2,2-Dichloropropane	4.477	77	7054	4.615	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	6485	4.655	ug/l	95
28) Bromochloromethane	4.898	49	5666	4.956	ug/l	95
29) Tetrahydrofuran	5.013	42	15913	23.950	ug/l	100
30) Chloroform	5.087	83	12200	5.012	ug/l	99
31) Cyclohexane	5.465	56	9731	4.653	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	9811	4.763	ug/l	99
36) 1,1-Dichloropropene	5.690	75	7354	4.621	ug/l	98
37) Ethyl Acetate	4.721	43	9384	4.679	ug/l #	91
38) Carbon Tetrachloride	5.666	117	8264	4.804	ug/l	99
39) Methylcyclohexane	7.379	83	8757	4.489	ug/l	95
40) Benzene	6.038	78	23522	4.839	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	4593	4.302	ug/l	92
42) 1,2-Dichloroethane	6.092	62	9713	4.838	ug/l	100
43) Isopropyl Acetate	6.348	43	13803	4.541	ug/l	97
44) Trichloroethene	7.129	130	5355	4.635	ug/l	99
45) 1,2-Dichloropropane	7.434	63	6060	4.997	ug/l	99
46) Dibromomethane	7.580	93	4767	5.120	ug/l	99
47) Bromodichloromethane	7.818	83	8619	4.636	ug/l #	97
48) Methyl methacrylate	7.696	41	6908	4.401	ug/l	98
49) 1,4-Dioxane	7.665	88	3205	112.864	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	48050	23.844	ug/l	97
52) Toluene	8.714	92	14391	4.893	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	6643	5.834	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	7873	4.506	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	5741	4.898	ug/l	90
56) Ethyl methacrylate	9.116	69	8012	4.417	ug/l	95
57) 1,3-Dichloropropane	9.305	76	10208	5.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	21382	23.302	ug/l	99
59) 2-Hexanone	9.433	43	35628	23.875	ug/l	99
60) Dibromochloromethane	9.519	129	5855	4.582	ug/l	99
61) 1,2-Dibromoethane	9.610	107	5837	4.920	ug/l	98
64) Tetrachloroethene	9.275	164	5373	5.287	ug/l	93
65) Chlorobenzene	10.073	112	15178	4.935	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	4945	4.631	ug/l	97
67) Ethyl Benzene	10.195	91	26180	4.753	ug/l	97
68) m/p-Xylenes	10.299	106	19268	9.617	ug/l	99
69) o-Xylene	10.640	106	9735	4.932	ug/l	99
70) Styrene	10.653	104	15017	4.610	ug/l	96
71) Bromoform	10.799	173	3634	4.558	ug/l #	95
73) Isopropylbenzene	10.964	105	24604	4.806	ug/l	100
74) N-amyl acetate	10.848	43	10750	4.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	9127	5.075	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	9211	5.909	ug/l	92
77) Bromobenzene	11.195	156	5927	5.011	ug/l	97
78) n-propylbenzene	11.305	91	27777	4.711	ug/l	98
79) 2-Chlorotoluene	11.360	91	18358	4.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	19936	4.710	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	1752	3.814	ug/l	85
82) 4-Chlorotoluene	11.457	91	20171	4.799	ug/l	99
83) tert-Butylbenzene	11.713	119	19962	4.763	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	19998	4.707	ug/l	99
85) sec-Butylbenzene	11.890	105	24465	4.753	ug/l	100
86) p-Isopropyltoluene	12.006	119	20178	4.755	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	10255	4.763	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	11016	5.047	ug/l	93
89) n-Butylbenzene	12.329	91	15887	4.317	ug/l	98
90) Hexachloroethane	12.536	117	3151	4.320	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	10510	4.910	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1661	4.417	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	5391	4.524	ug/l	95
94) Hexachlorobutadiene	13.719	225	2483	4.836	ug/l	98
95) Naphthalene	13.774	128	19618	4.424	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	5854	4.692	ug/l	97

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

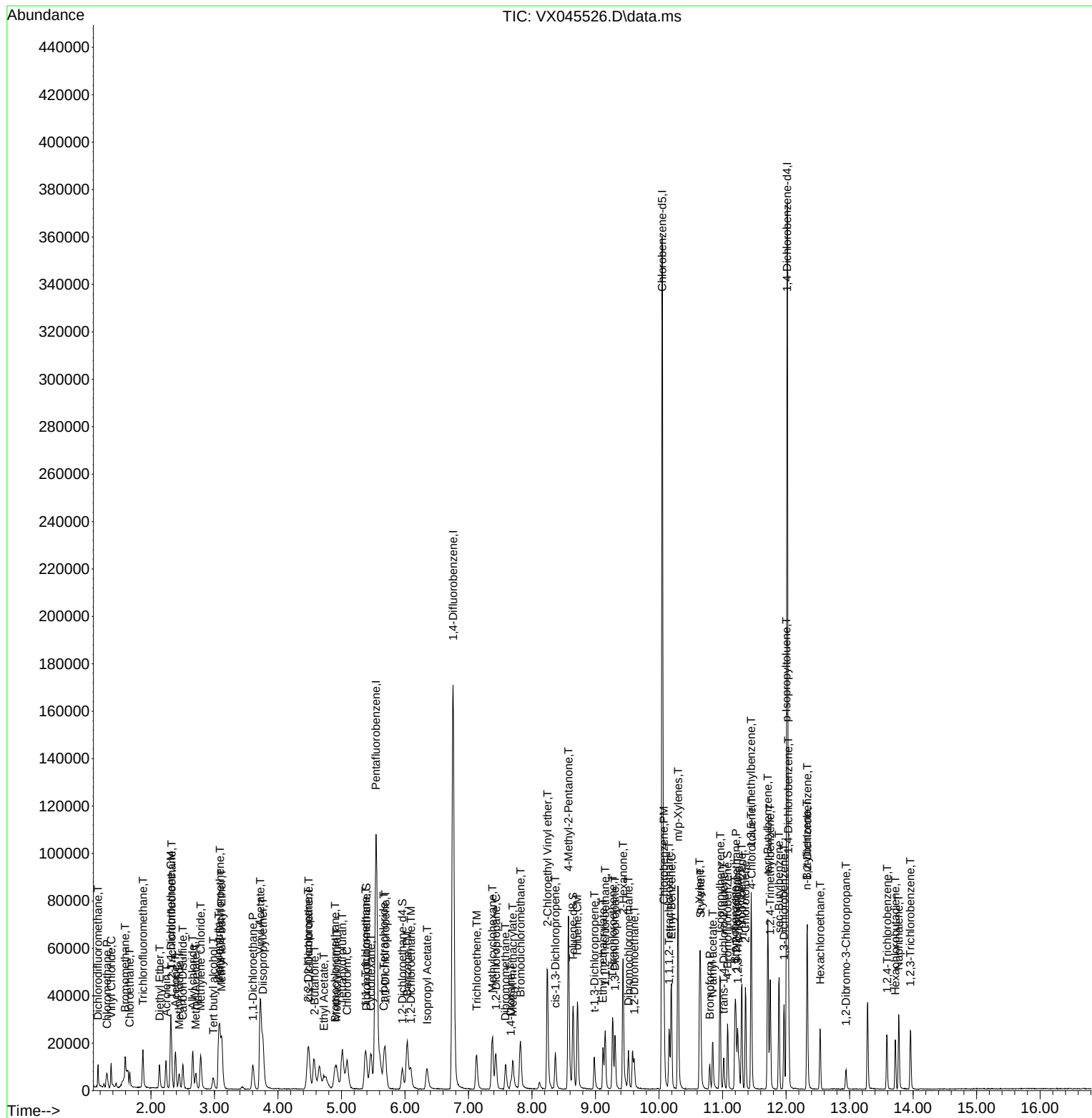
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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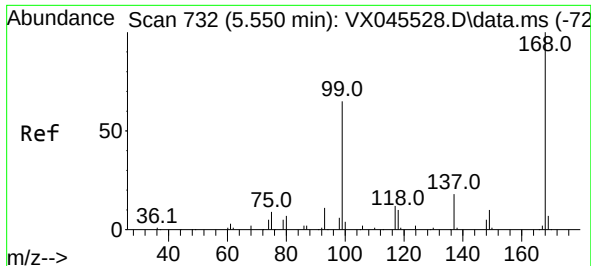
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045526.D
 Acq On : 01 Apr 2025 17:29
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

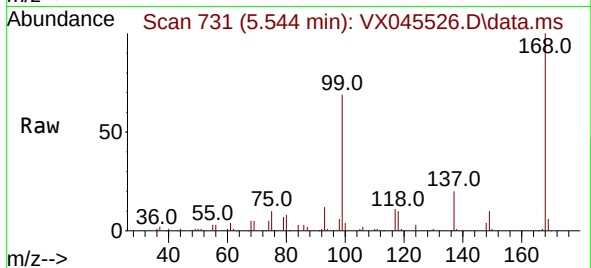
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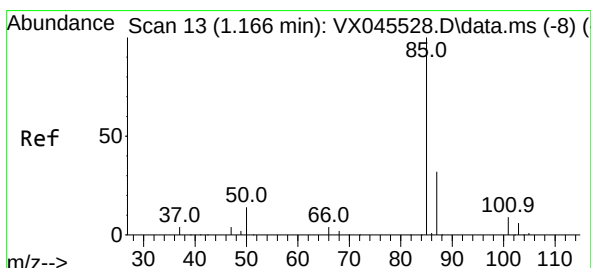
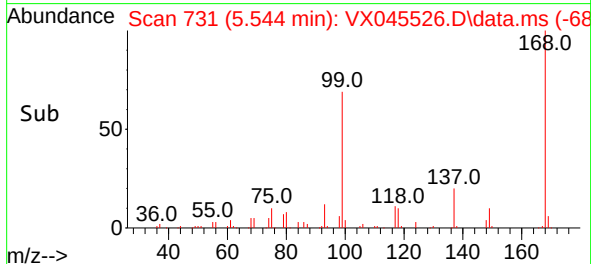
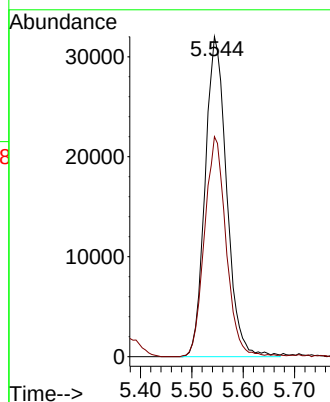


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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VSTDIC005

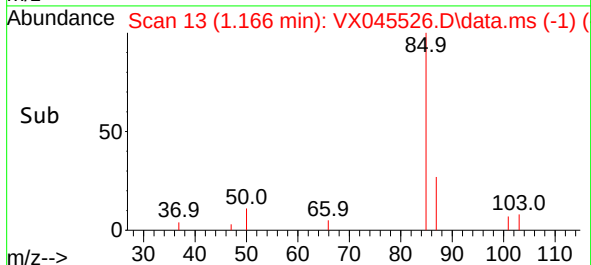
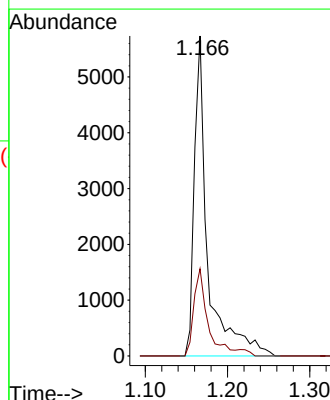
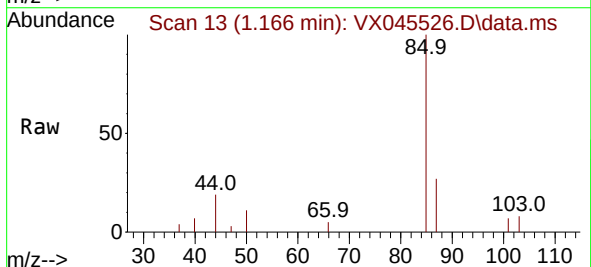


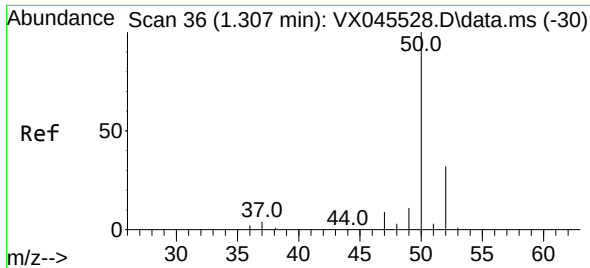
Tgt Ion:168 Resp: 93234
Ion Ratio Lower Upper
168 100
99 68.8 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 4.649 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 85 Resp: 6482
Ion Ratio Lower Upper
85 100
87 27.3 16.1 48.2

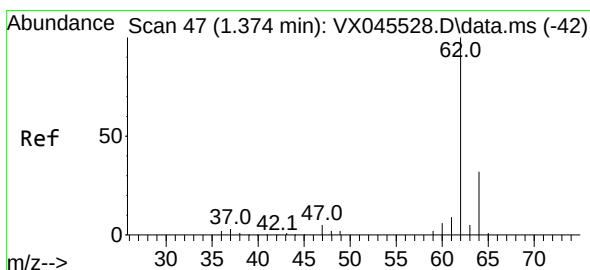
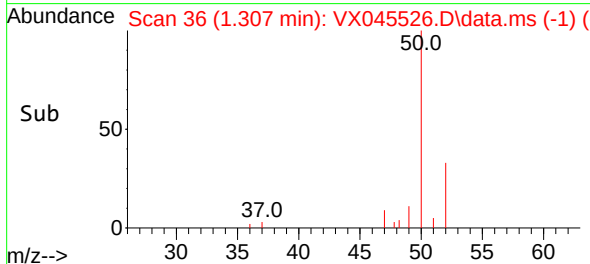
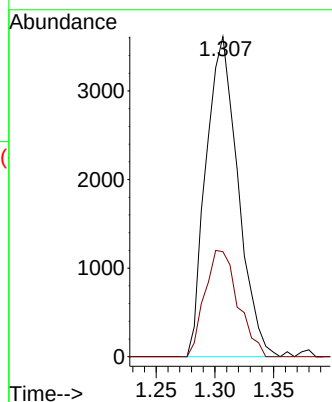
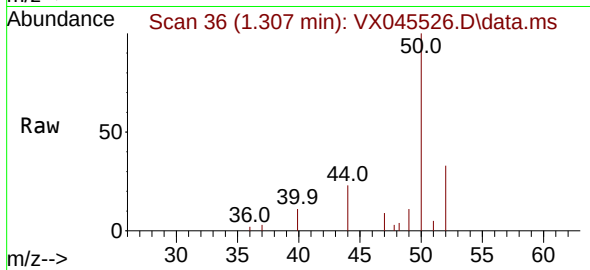




#3
Chloromethane
Concen: 4.779 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

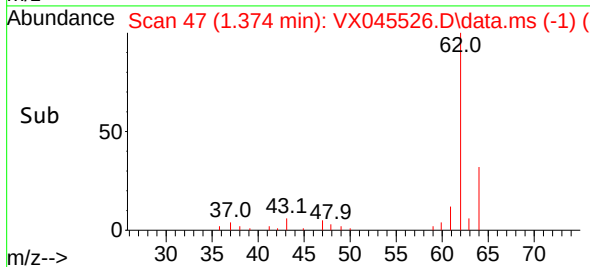
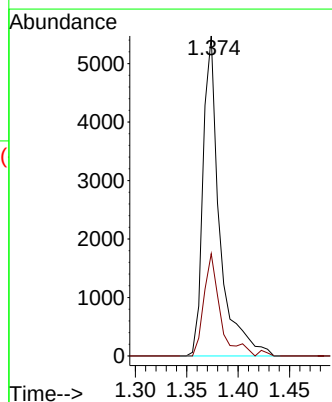
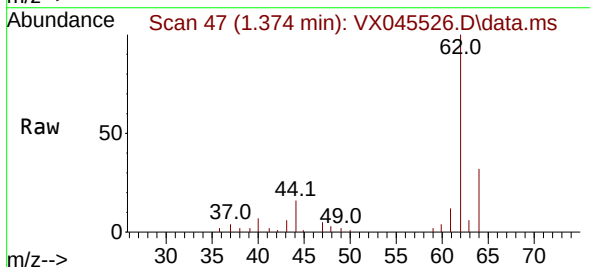
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

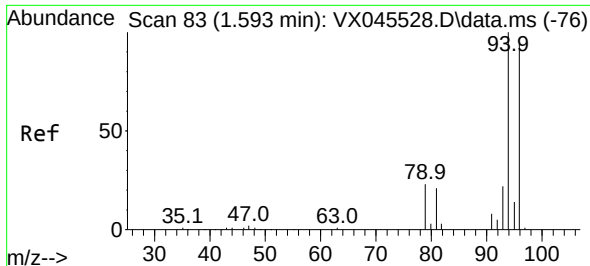
Tgt Ion: 50 Resp: 6846
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9



#4
Vinyl Chloride
Concen: 4.706 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 62 Resp: 6169
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

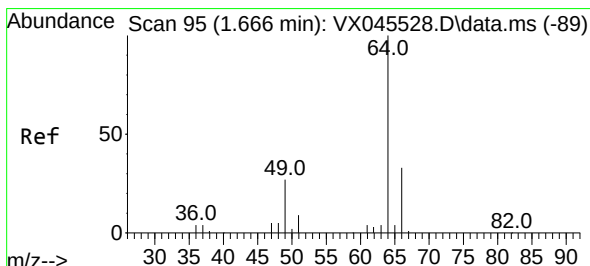
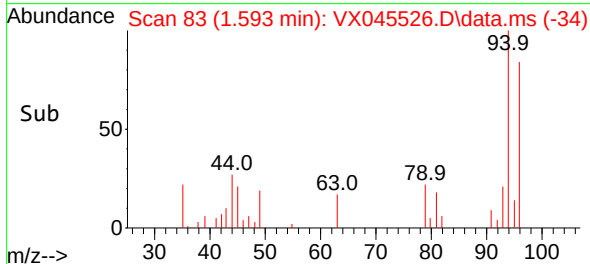
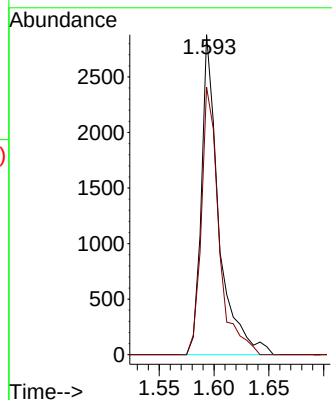
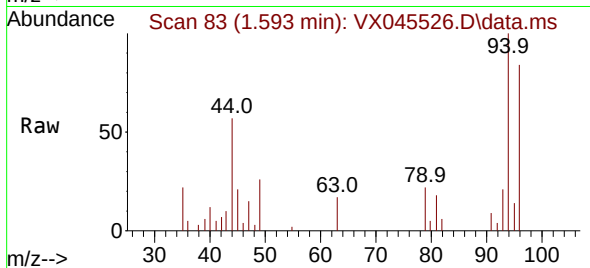




#5
Bromomethane
Concen: 5.124 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

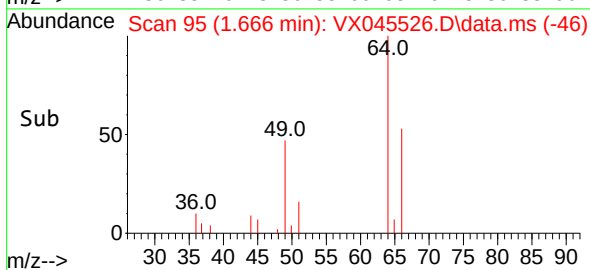
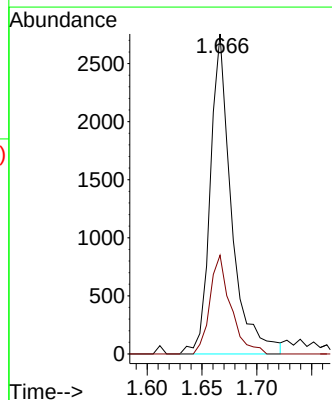
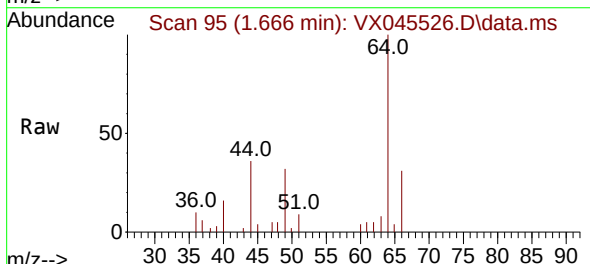
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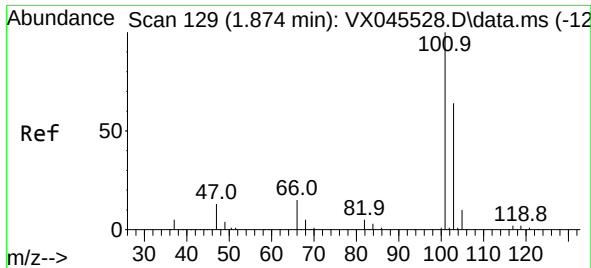
Tgt Ion: 94 Resp: 3185
Ion Ratio Lower Upper
94 100
96 83.6 74.8 112.2



#6
Chloroethane
Concen: 5.324 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 64 Resp: 3703
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5

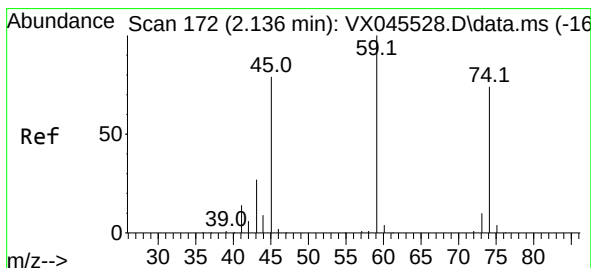
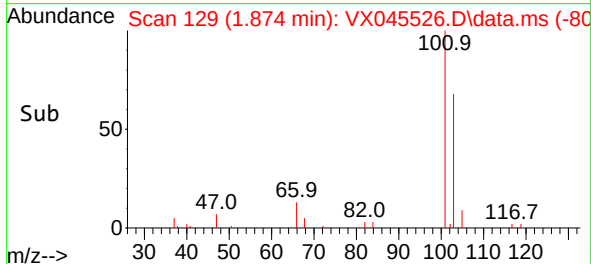
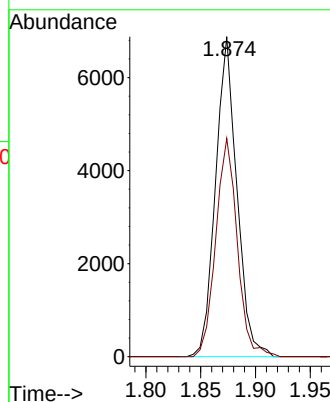
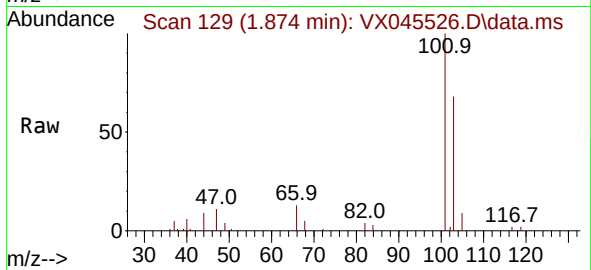




#7
Trichlorofluoromethane
Concen: 4.766 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

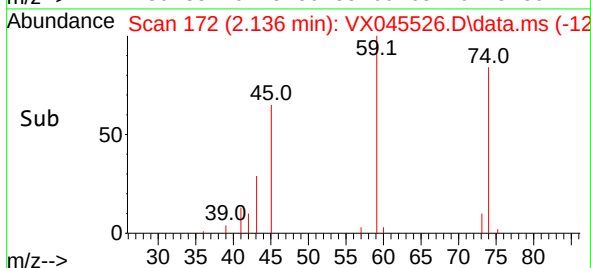
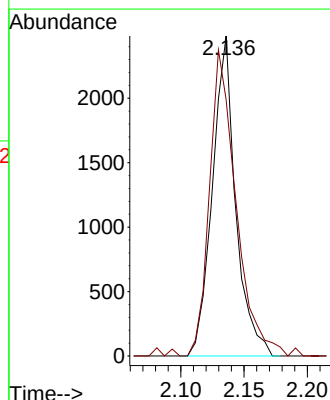
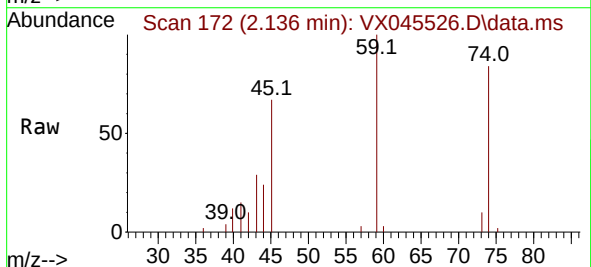
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

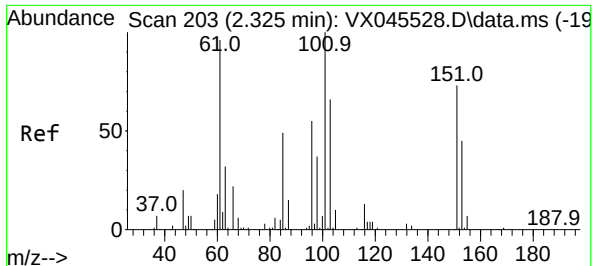
Tgt Ion:101 Resp: 9316
Ion Ratio Lower Upper
101 100
103 68.2 51.1 76.7



#8
Diethyl Ether
Concen: 4.832 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 74 Resp: 3171
Ion Ratio Lower Upper
74 100
45 110.2 53.0 159.1

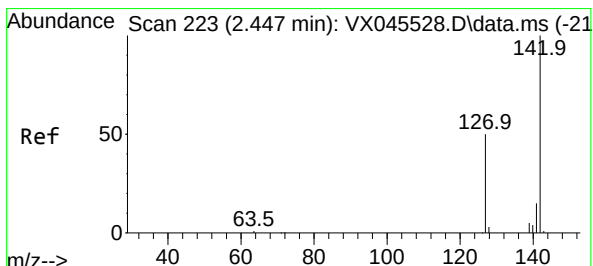
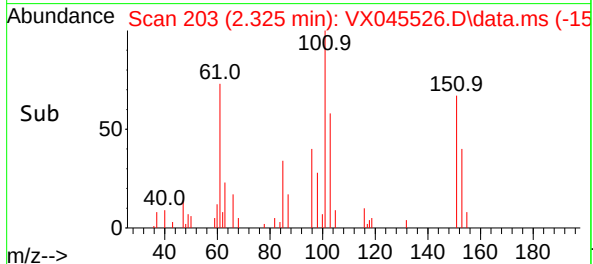
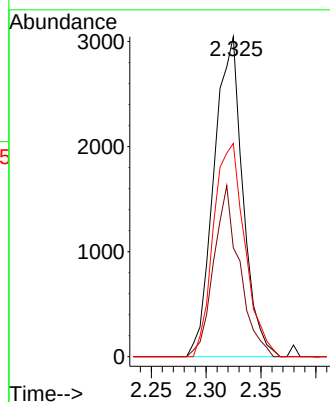
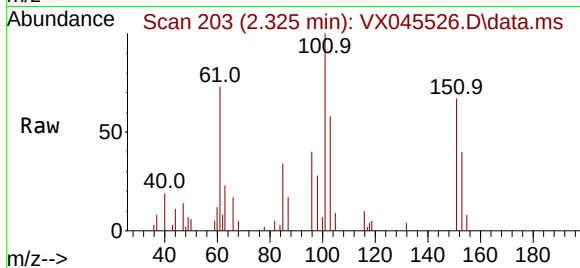




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.879 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

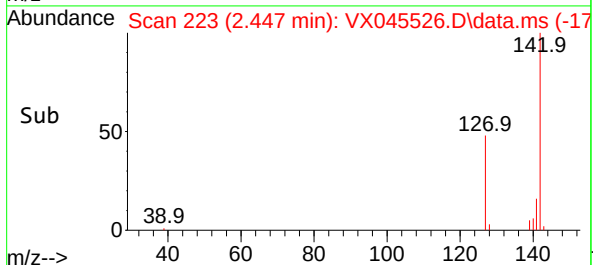
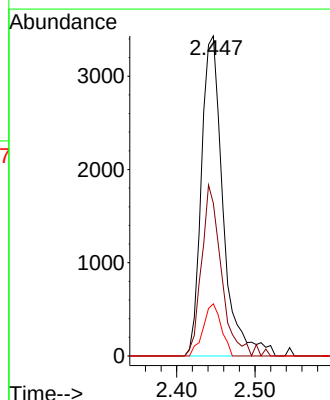
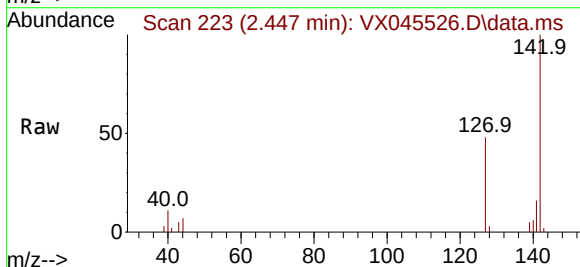
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

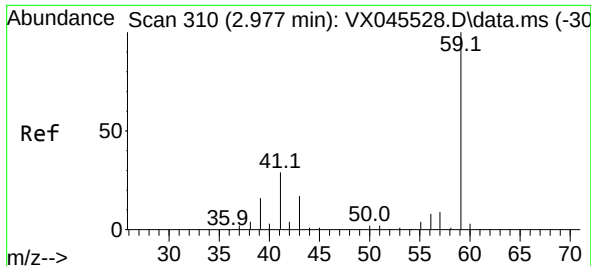
Tgt Ion:101 Resp: 5589
Ion Ratio Lower Upper
101 100
85 47.8 38.9 58.3
151 72.4 57.5 86.3



#10
Methyl Iodide
Concen: 4.601 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:142 Resp: 6574
Ion Ratio Lower Upper
142 100
127 48.4 40.2 60.4
141 13.7 11.7 17.5

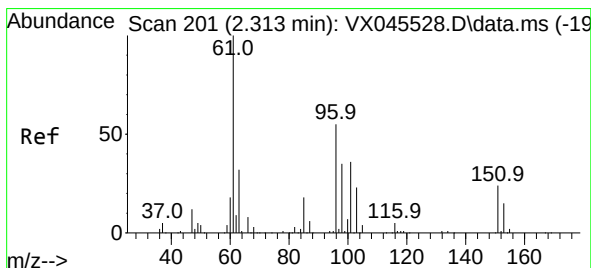
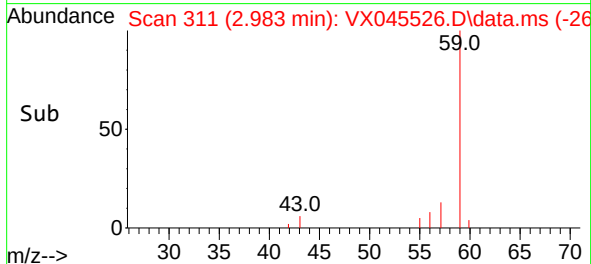
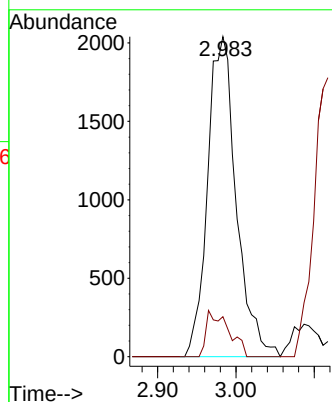
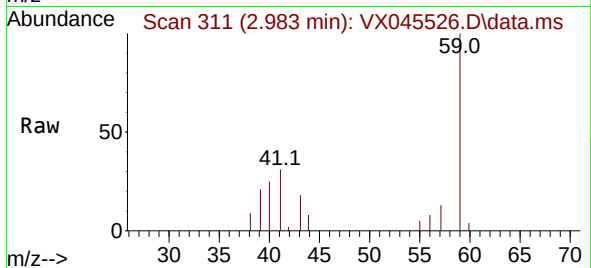




#11
Tert butyl alcohol
Concen: 22.633 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

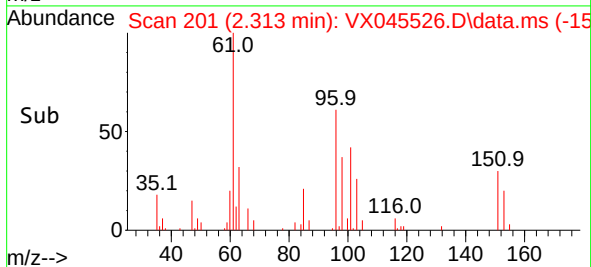
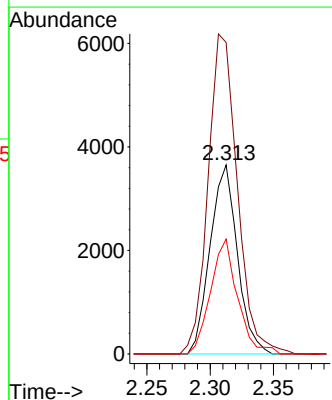
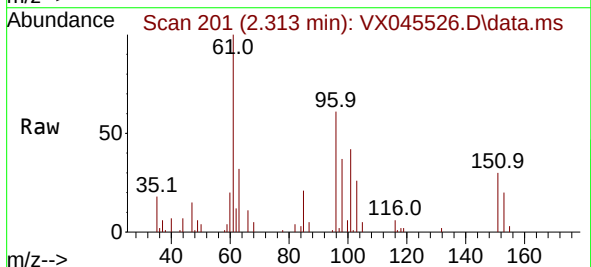
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

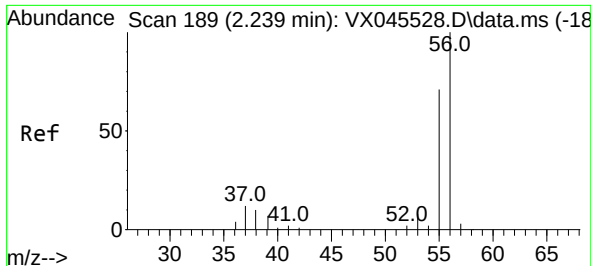
Tgt Ion: 59 Resp: 5186
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 4.901 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 96 Resp: 5485
Ion Ratio Lower Upper
96 100
61 164.9 145.7 218.5
98 60.8 51.6 77.4





#13

Acrolein

Concen: 25.993 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

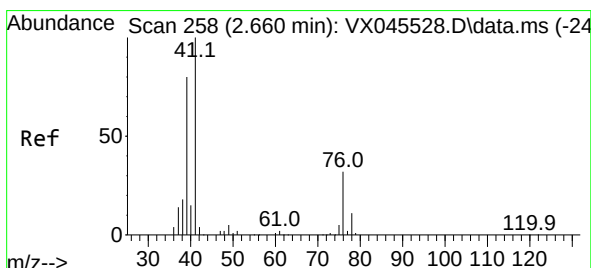
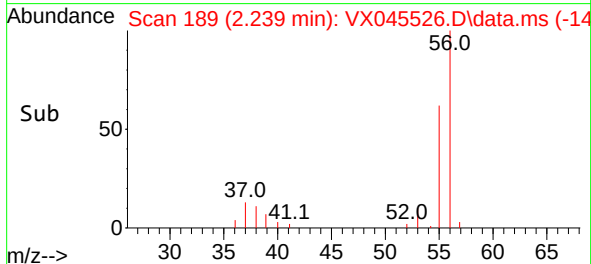
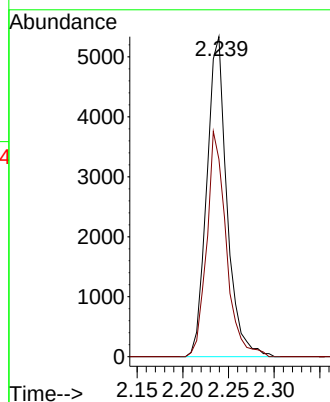
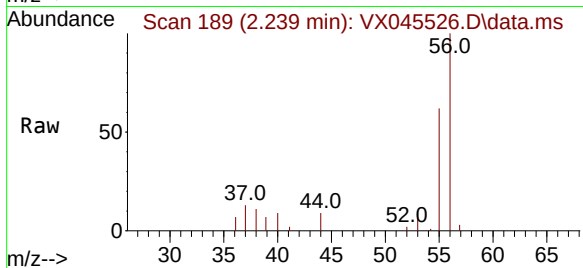
VSTDIC005

Tgt Ion: 56 Resp: 8202

Ion Ratio Lower Upper

56 100

55 67.9 56.2 84.2



#14

Allyl chloride

Concen: 4.690 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

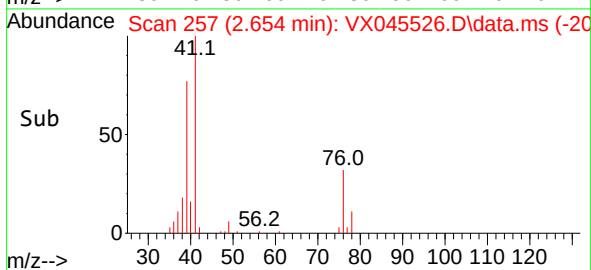
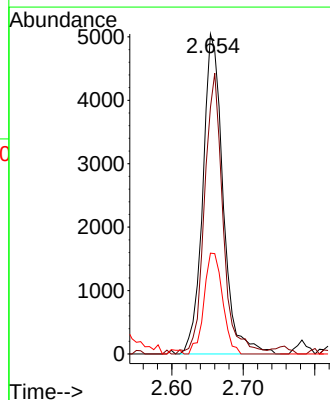
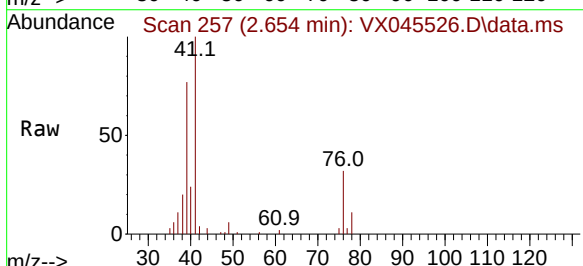
Tgt Ion: 41 Resp: 9960

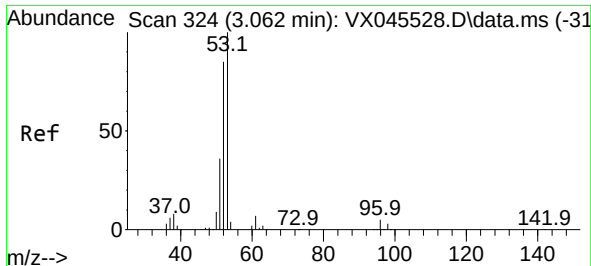
Ion Ratio Lower Upper

41 100

39 79.8 60.2 90.2

76 28.8 24.6 36.8





#15

Acrylonitrile

Concen: 24.624 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

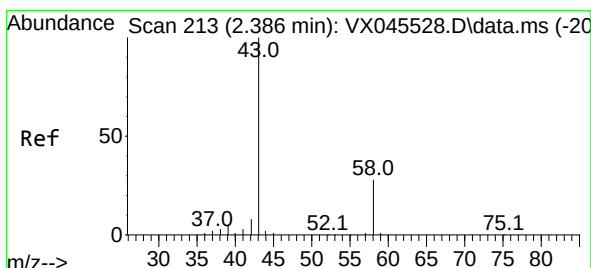
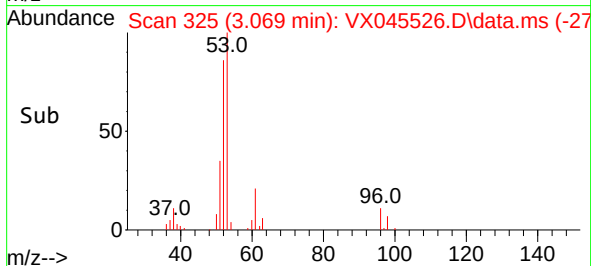
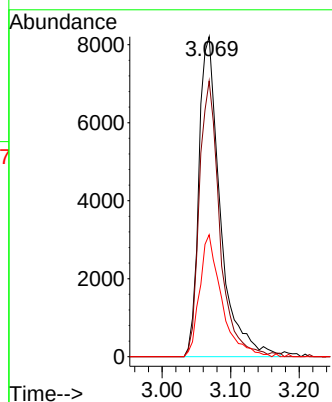
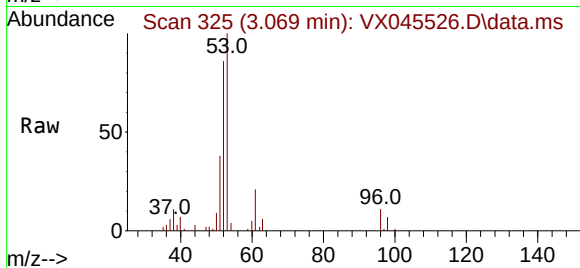
Tgt Ion: 53 Resp: 17811

Ion Ratio Lower Upper

53 100

52 82.1 67.4 101.2

51 39.3 29.9 44.9



#16

Acetone

Concen: 24.550 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045526.D

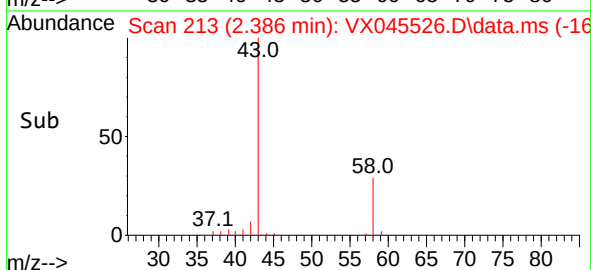
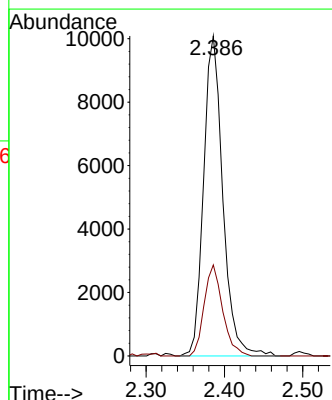
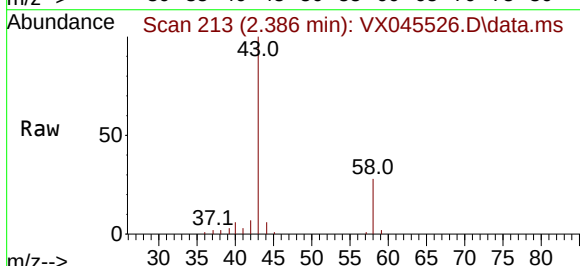
Acq: 01 Apr 2025 17:29

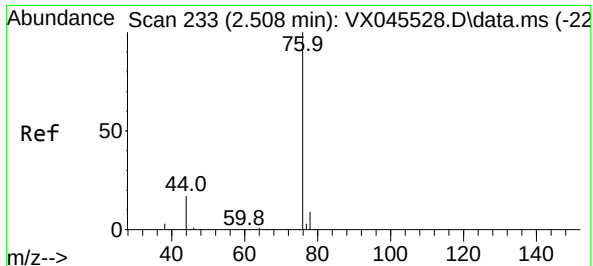
Tgt Ion: 43 Resp: 17188

Ion Ratio Lower Upper

43 100

58 28.4 22.3 33.5





#17

Carbon Disulfide

Concen: 4.477 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

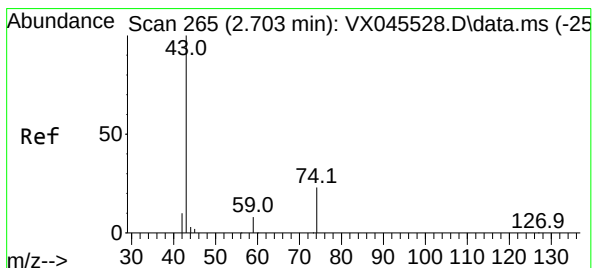
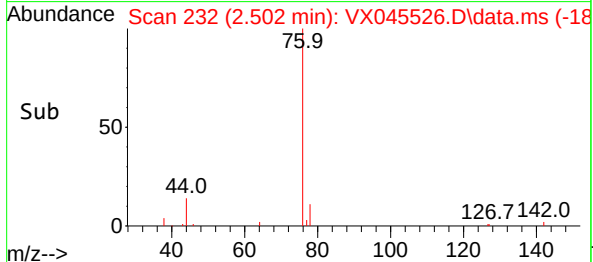
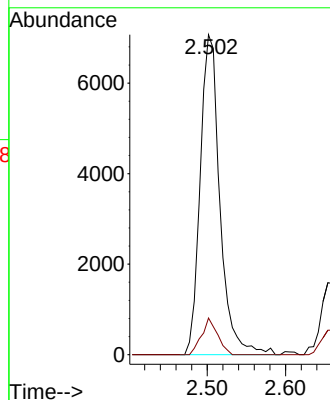
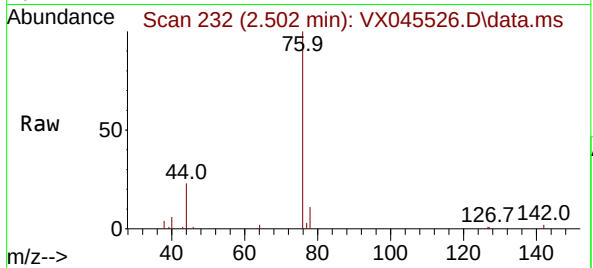
VSTDIC005

Tgt Ion: 76 Resp: 12376

Ion Ratio Lower Upper

76 100

78 11.4 7.0 10.6#



#18

Methyl Acetate

Concen: 4.989 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045526.D

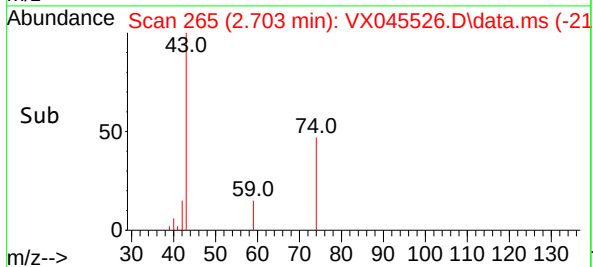
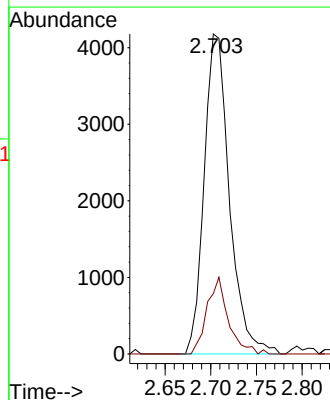
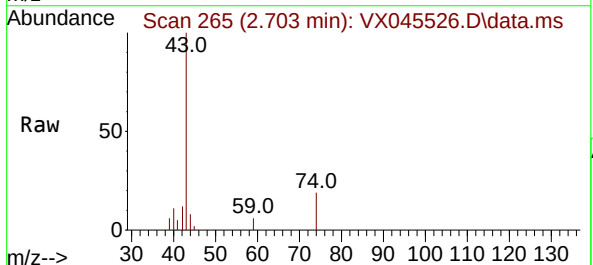
Acq: 01 Apr 2025 17:29

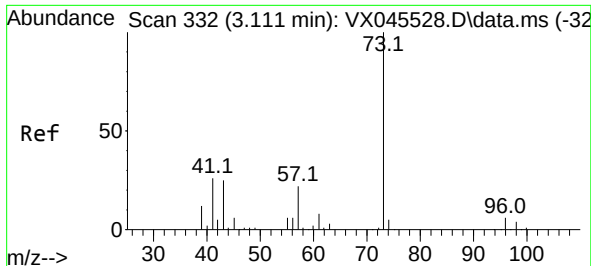
Tgt Ion: 43 Resp: 8042

Ion Ratio Lower Upper

43 100

74 20.2 17.5 26.3

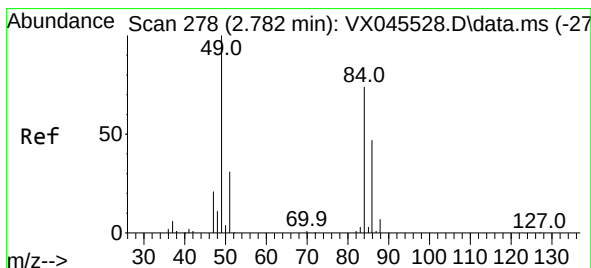
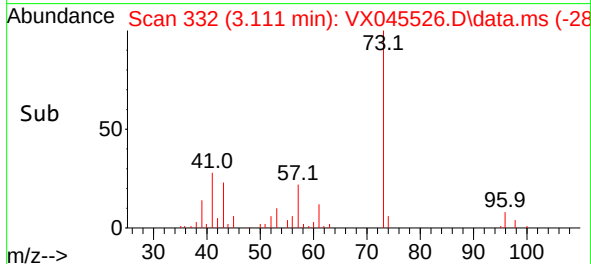
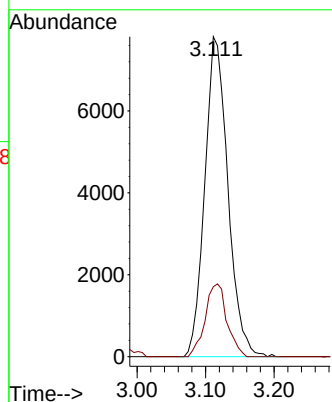
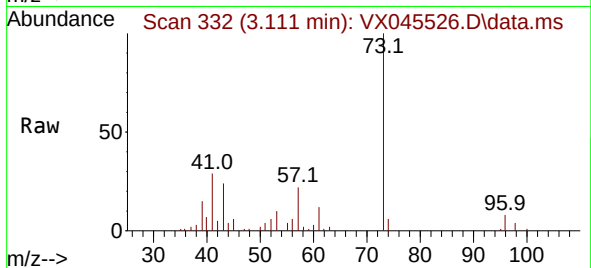




#19
Methyl tert-butyl Ether
Concen: 4.677 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

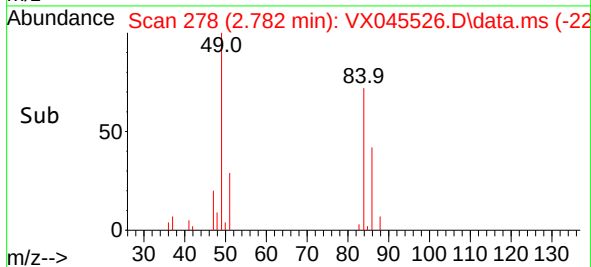
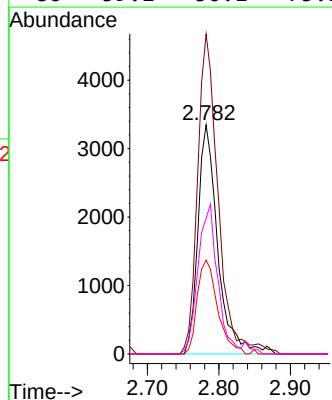
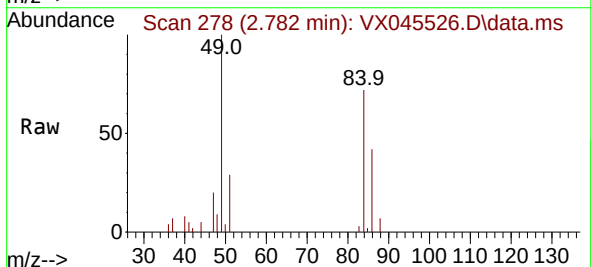
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

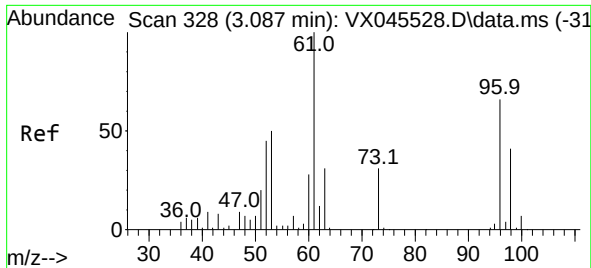
Tgt Ion: 73 Resp: 18314
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#20
Methylene Chloride
Concen: 4.945 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 84 Resp: 6481
Ion Ratio Lower Upper
84 100
49 139.6 107.5 161.3
51 40.9 33.0 49.6
86 59.1 50.1 75.1

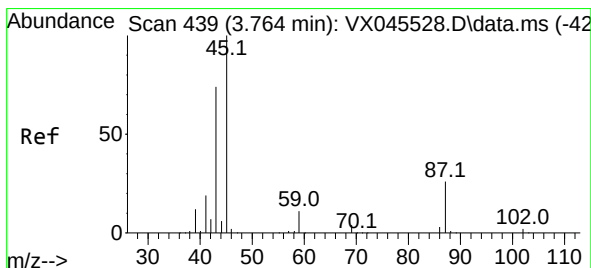
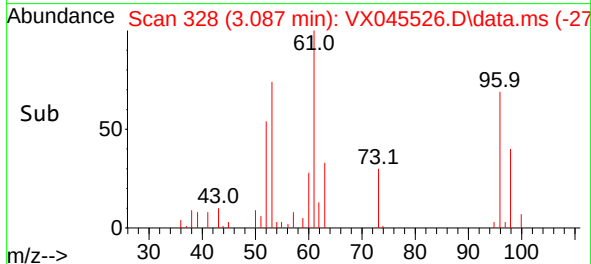
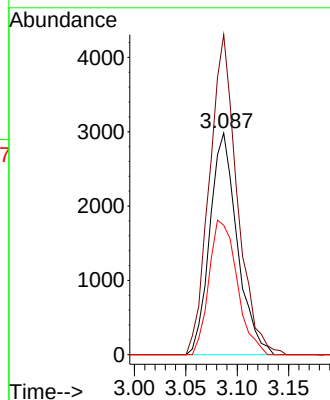
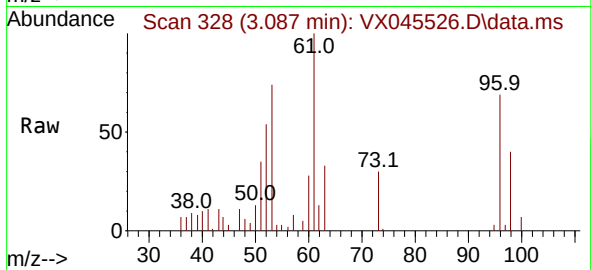




#21
trans-1,2-Dichloroethene
Concen: 4.840 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

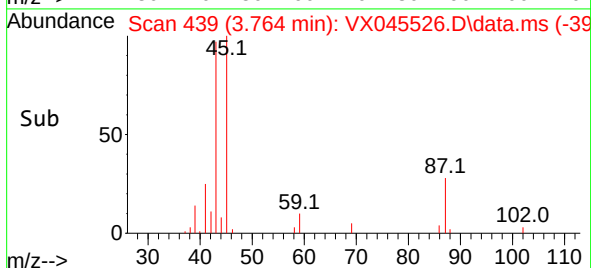
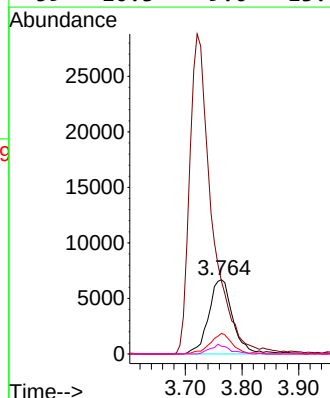
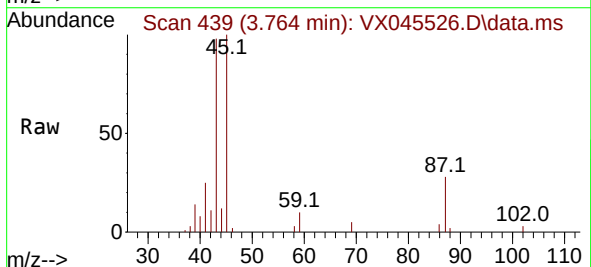
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

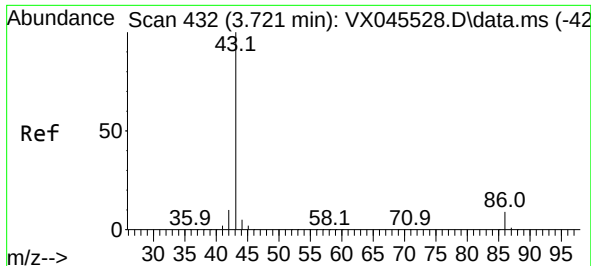
Tgt Ion: 96 Resp: 5534
Ion Ratio Lower Upper
96 100
61 144.4 121.0 181.6
98 58.5 49.7 74.5



#22
Diisopropyl ether
Concen: 4.725 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 45 Resp: 19765
Ion Ratio Lower Upper
45 100
43 94.7 59.3 88.9#
87 27.8 20.4 30.6
59 10.3 9.0 13.6

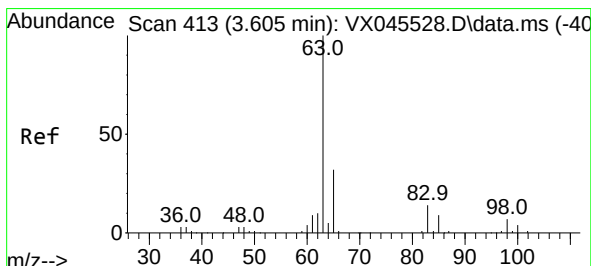
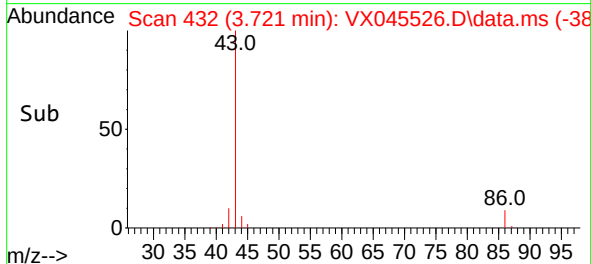
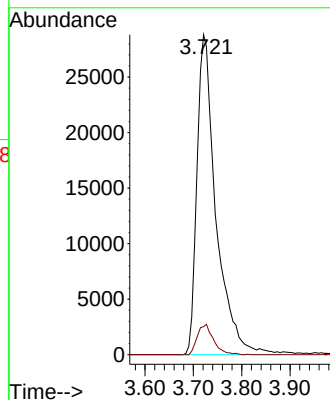
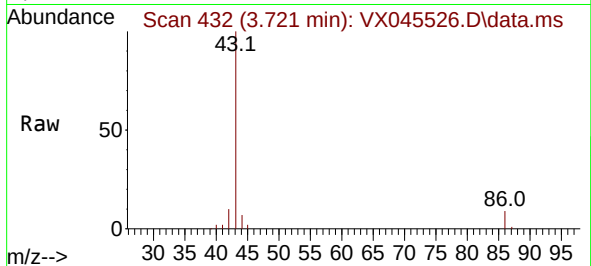




#23
 Vinyl Acetate
 Concen: 21.831 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

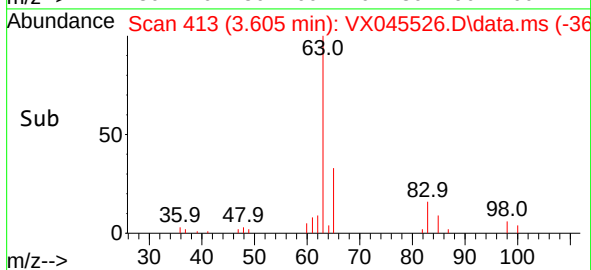
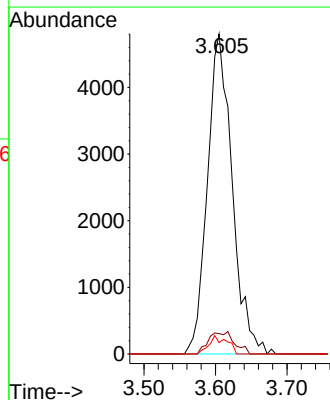
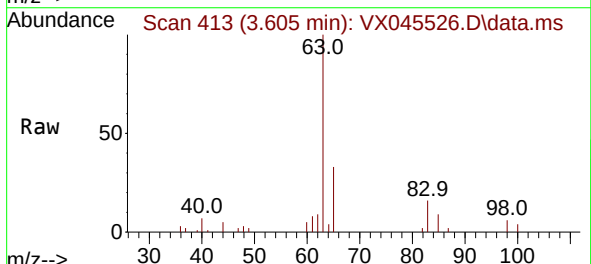
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

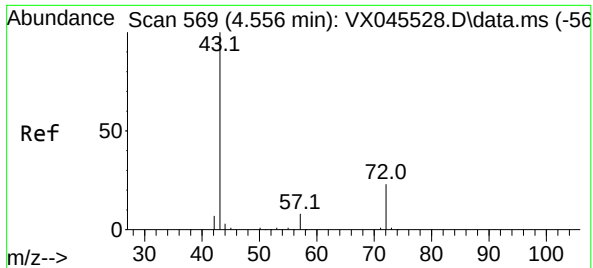
Tgt Ion: 43 Resp: 78907
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 4.887 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

Tgt Ion: 63 Resp: 11562
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 3.6 2.2 6.6

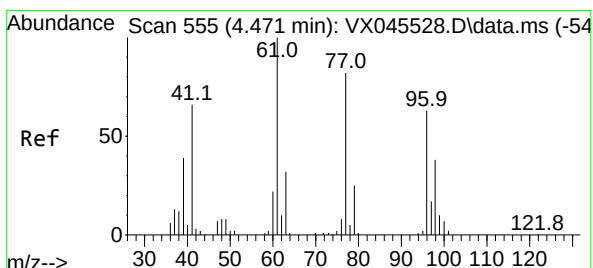
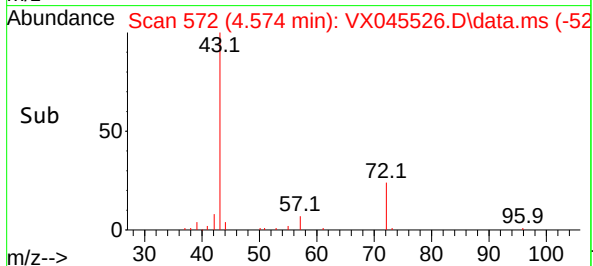
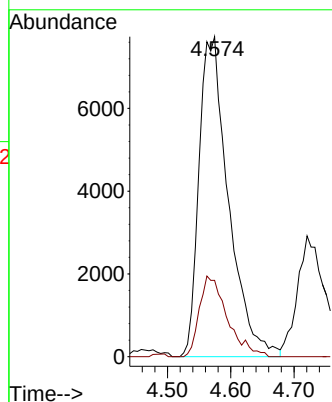
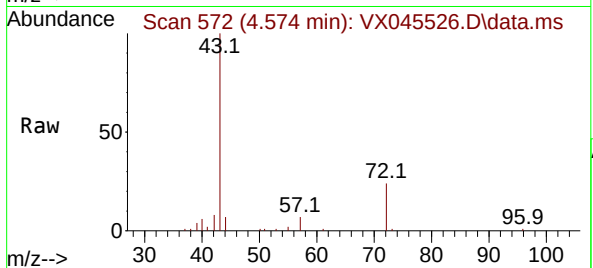




#25
2-Butanone
Concen: 24.419 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

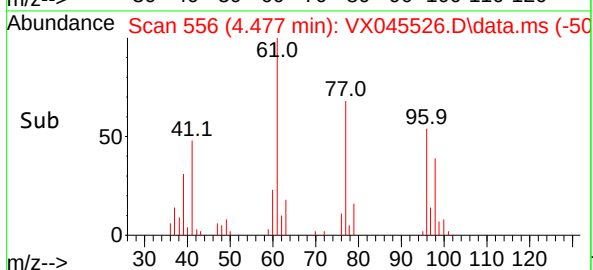
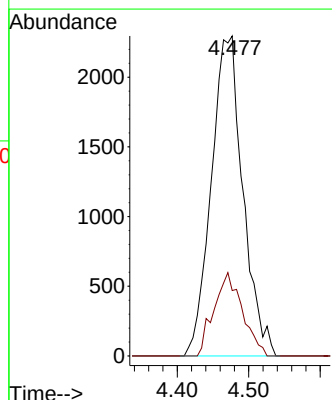
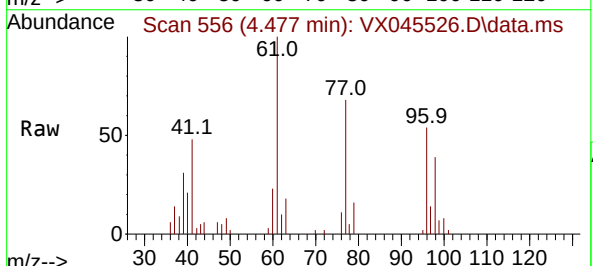
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

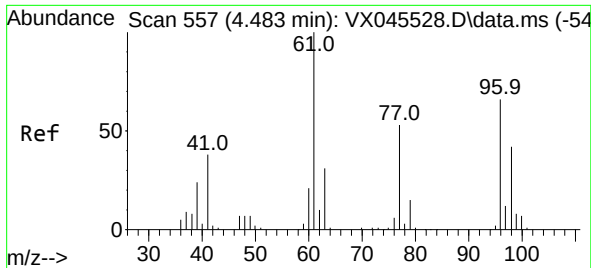
Tgt Ion: 43 Resp: 25026
Ion Ratio Lower Upper
43 100
72 23.8 18.6 28.0



#26
2,2-Dichloropropane
Concen: 4.615 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 77 Resp: 7054
Ion Ratio Lower Upper
77 100
97 23.4 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 4.655 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

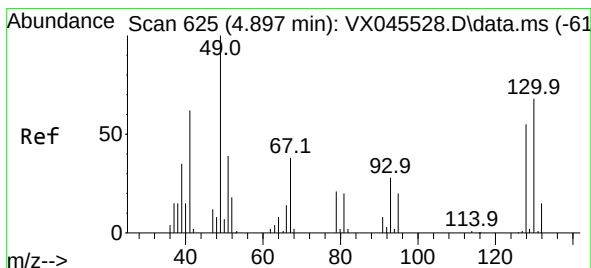
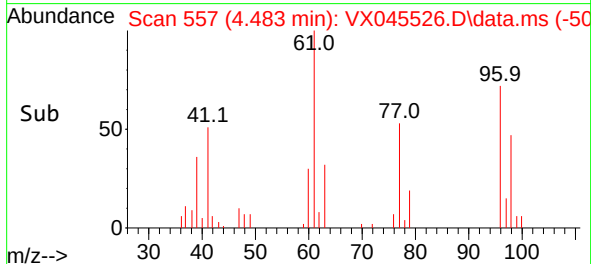
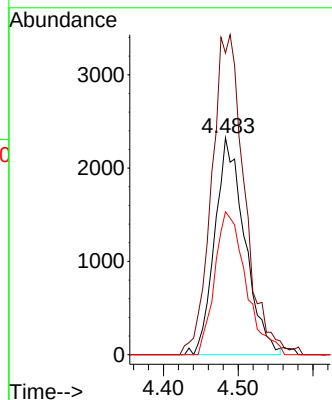
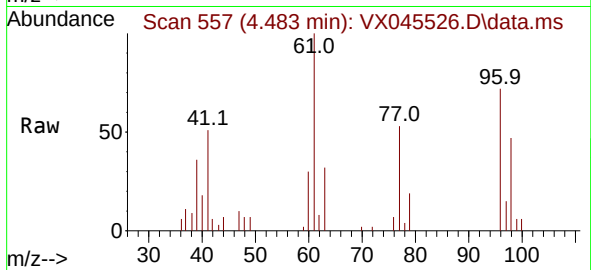
Tgt Ion: 96 Resp: 6485

Ion Ratio Lower Upper

96 100

61 162.4 0.0 313.2

98 68.5 0.0 126.4



#28

Bromochloromethane

Concen: 4.956 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

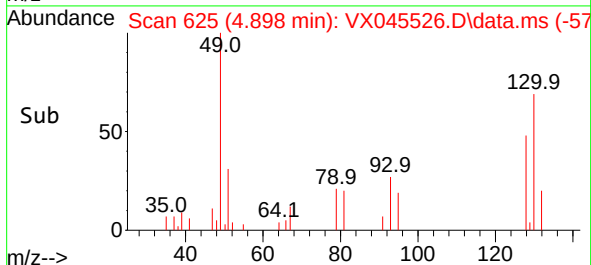
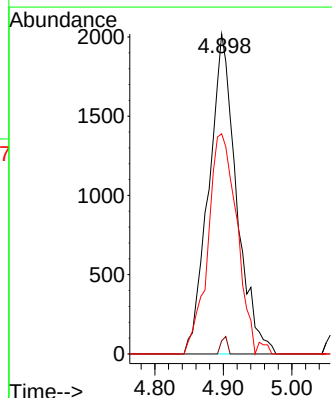
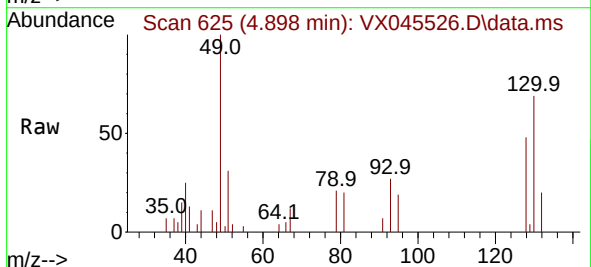
Tgt Ion: 49 Resp: 5666

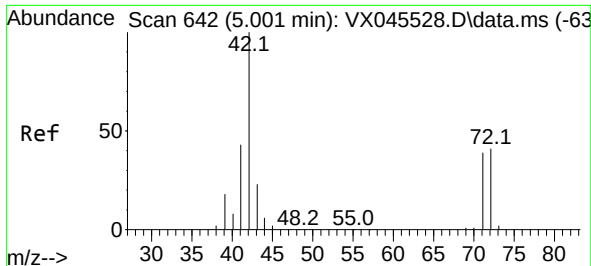
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

130 72.2 54.6 81.8





#29

Tetrahydrofuran

Concen: 23.950 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

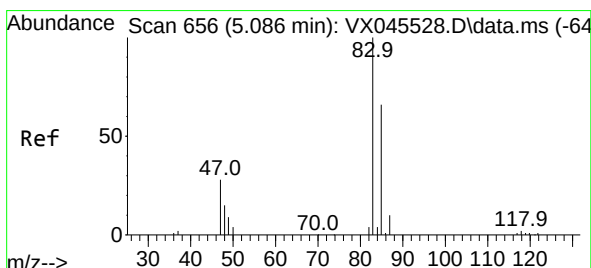
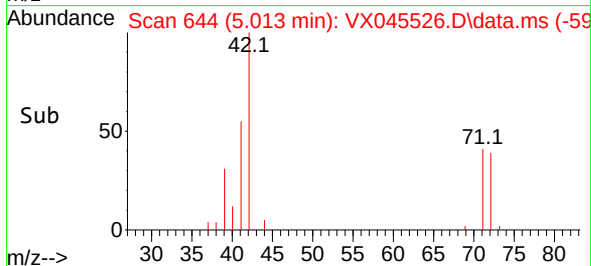
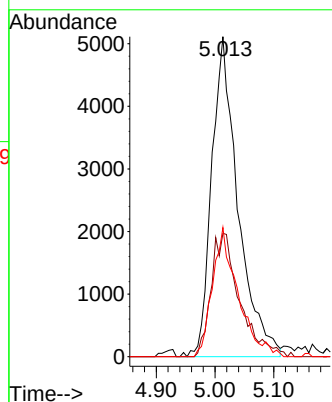
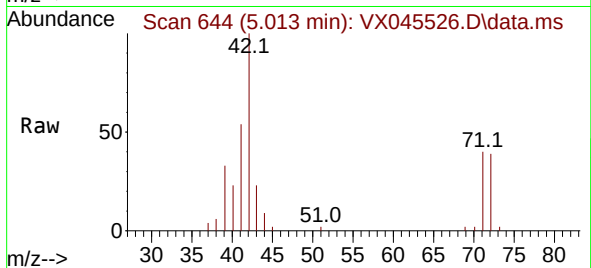
Tgt Ion: 42 Resp: 15913

Ion Ratio Lower Upper

42 100

72 41.9 33.4 50.0

71 39.2 31.4 47.0



#30

Chloroform

Concen: 5.012 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045526.D

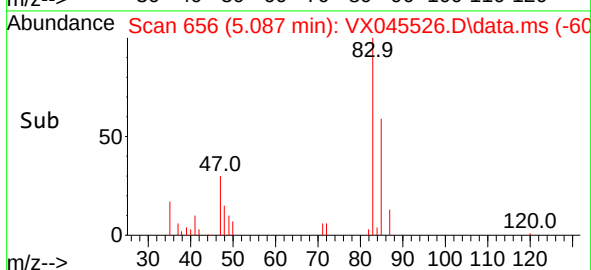
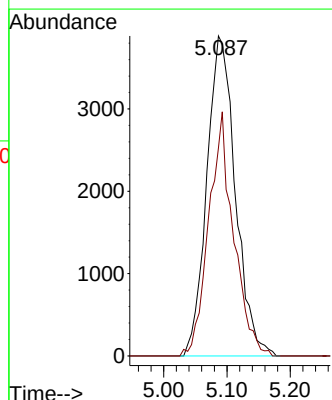
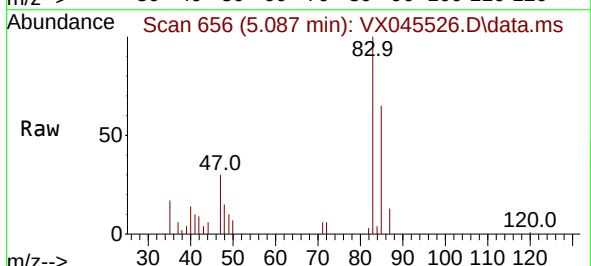
Acq: 01 Apr 2025 17:29

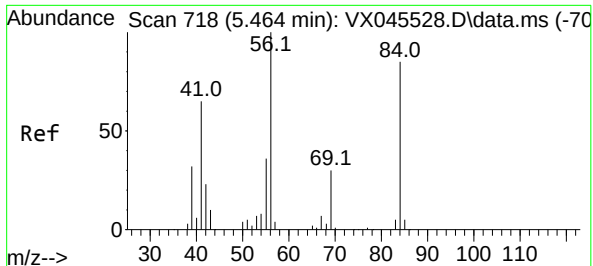
Tgt Ion: 83 Resp: 12200

Ion Ratio Lower Upper

83 100

85 65.0 52.8 79.2

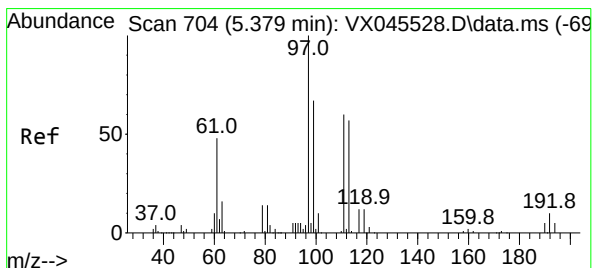
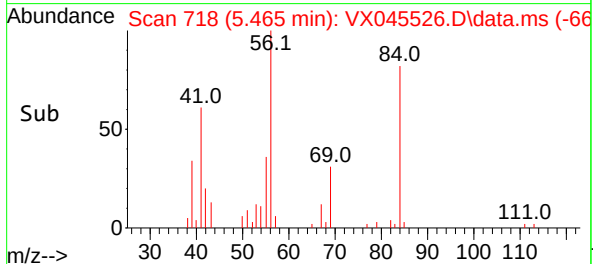
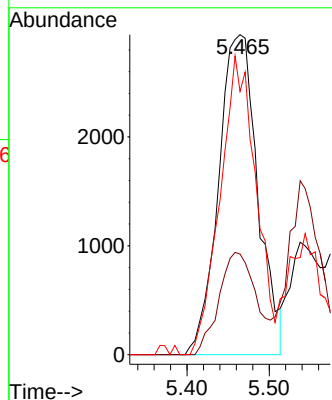
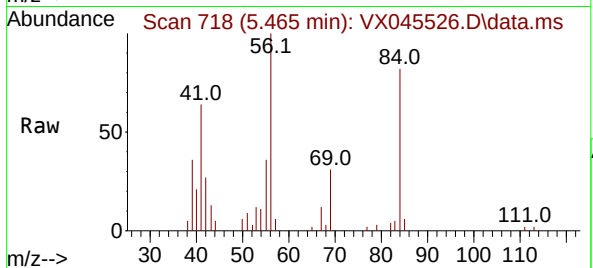




#31
Cyclohexane
Concen: 4.653 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

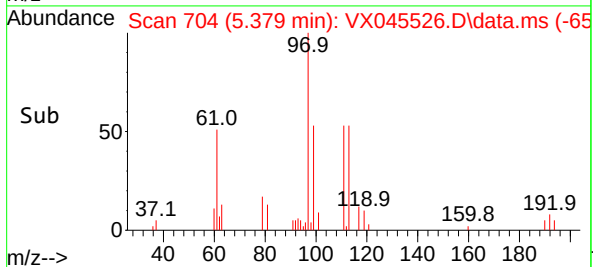
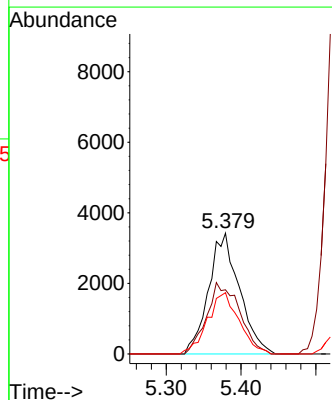
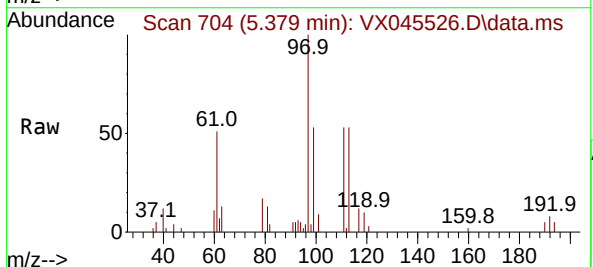
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

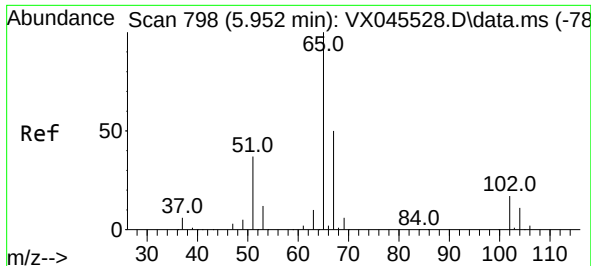
Tgt Ion:	56	Resp:	9731
Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.6	35.4
84	82.2	67.7	101.5



#32
1,1,1-Trichloroethane
Concen: 4.763 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:	97	Resp:	9811
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.7	77.5
61	52.0	41.0	61.4





#33

1,2-Dichloroethane-d4

Concen: 5.260 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

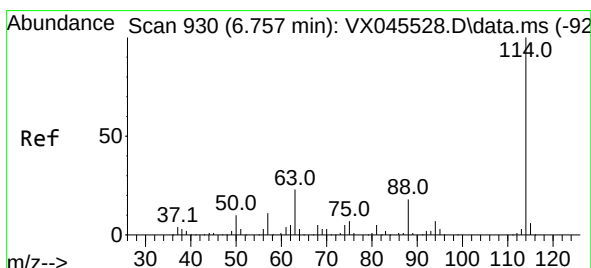
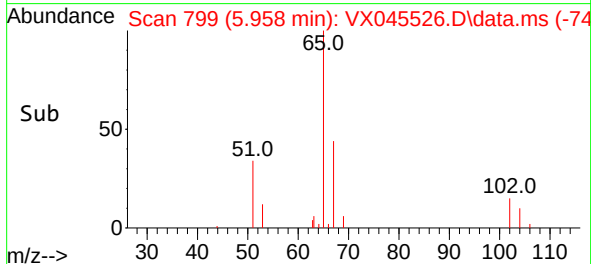
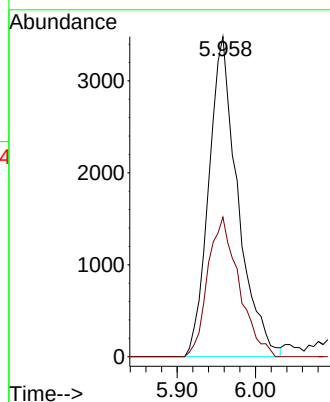
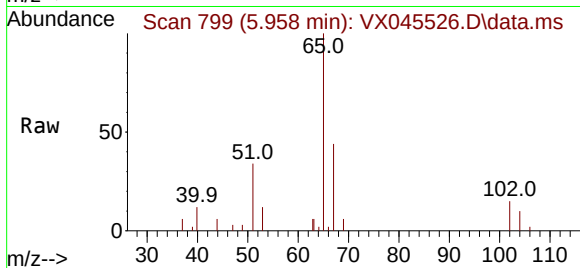
VSTDIC005

Tgt Ion: 65 Resp: 8969

Ion Ratio Lower Upper

65 100

67 46.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

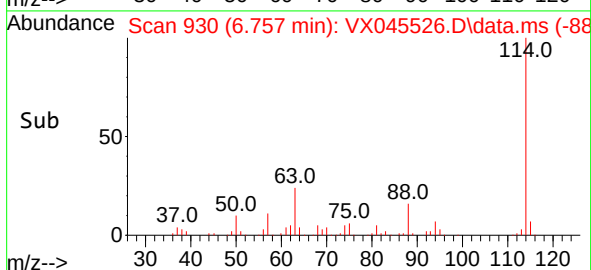
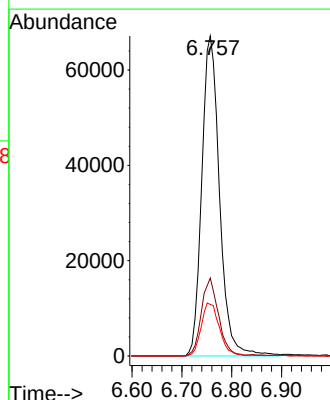
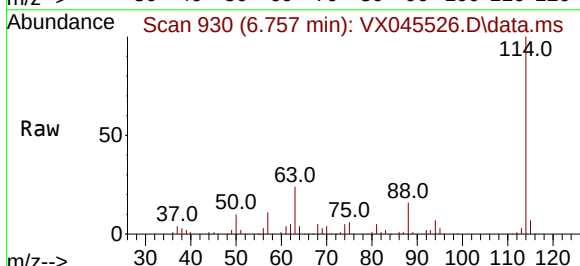
Tgt Ion: 114 Resp: 166137

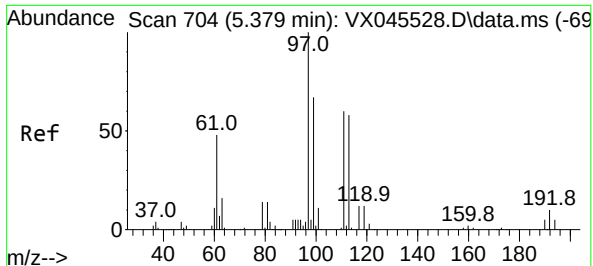
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 16.1 0.0 35.4

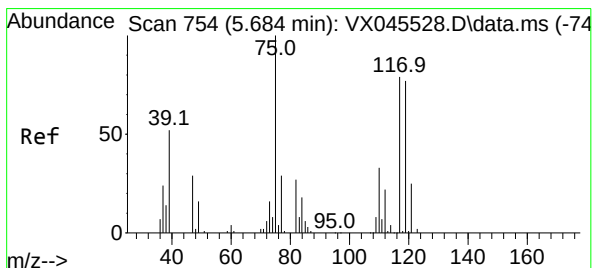
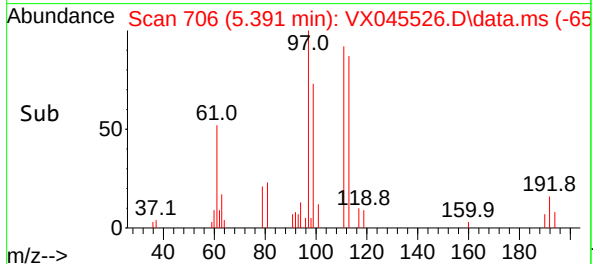
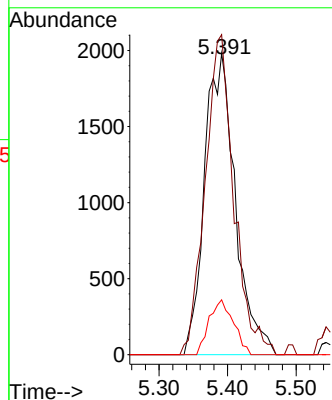
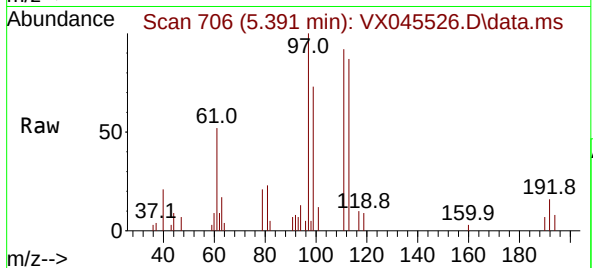




#35
Dibromofluoromethane
Concen: 5.244 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

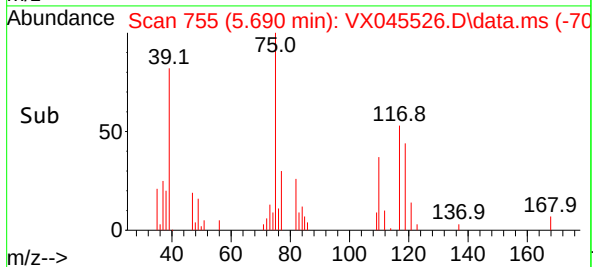
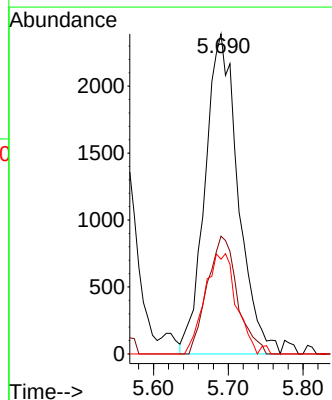
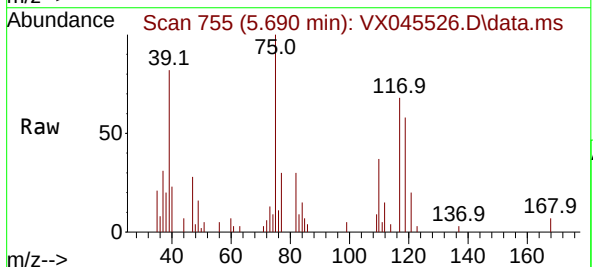
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

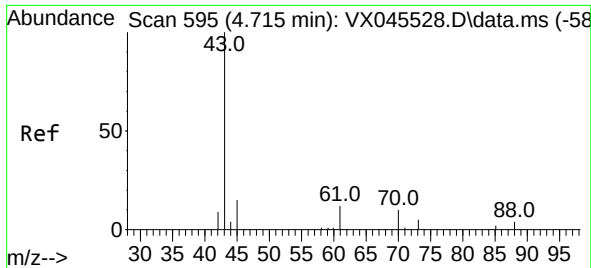
Tgt Ion:113 Resp: 6181
Ion Ratio Lower Upper
113 100
111 98.8 81.8 122.6
192 14.4 13.8 20.6



#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 75 Resp: 7354
Ion Ratio Lower Upper
75 100
110 33.3 16.9 50.6
77 29.8 25.0 37.4





#37

Ethyl Acetate

Concen: 4.679 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

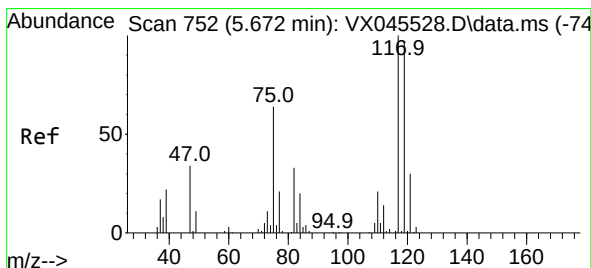
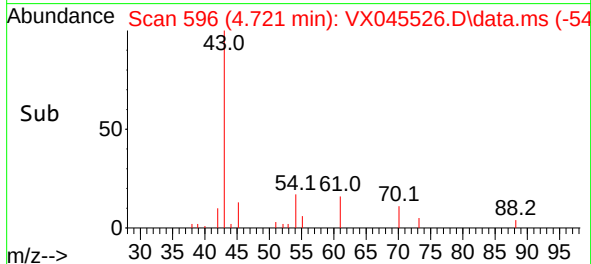
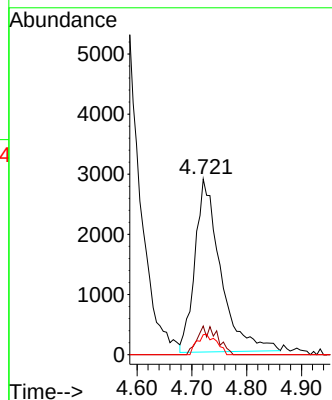
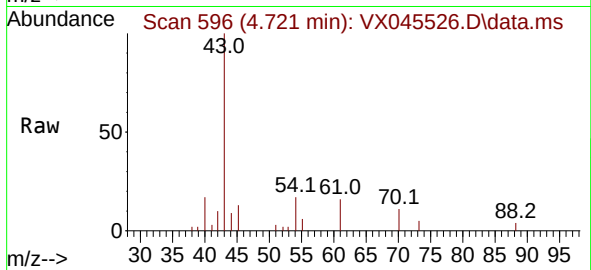
Tgt Ion: 43 Resp: 9384

Ion Ratio Lower Upper

43 100

61 6.3 9.9 14.9#

70 8.9 7.5 11.3



#38

Carbon Tetrachloride

Concen: 4.804 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

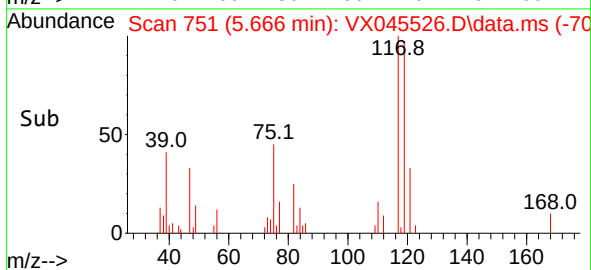
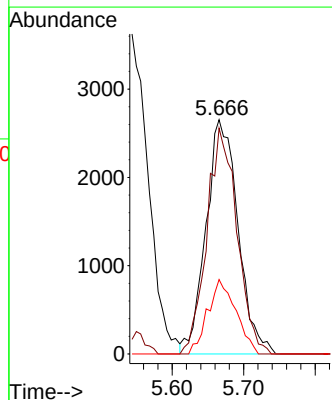
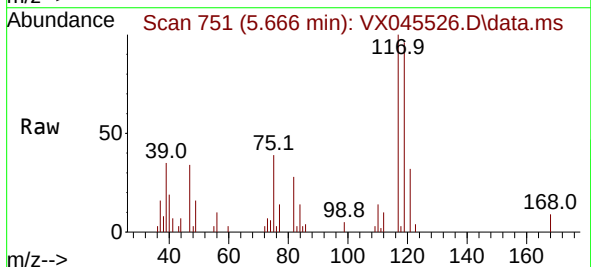
Tgt Ion: 117 Resp: 8264

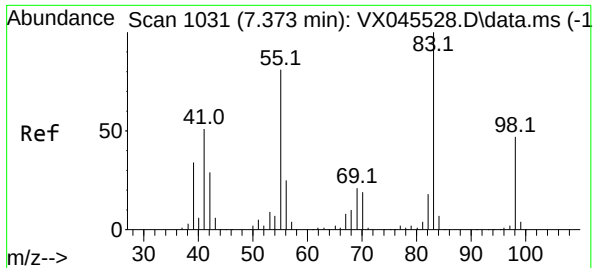
Ion Ratio Lower Upper

117 100

119 96.4 76.9 115.3

121 31.7 24.2 36.2

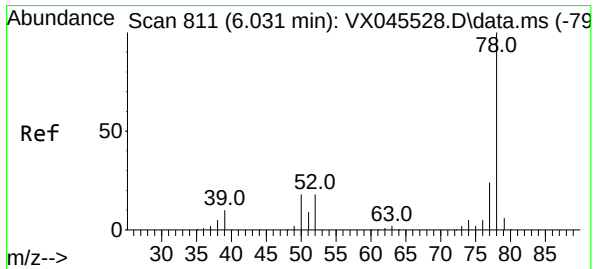
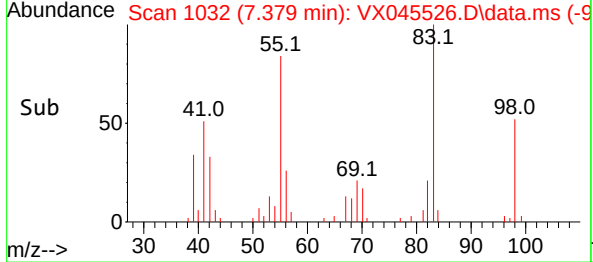
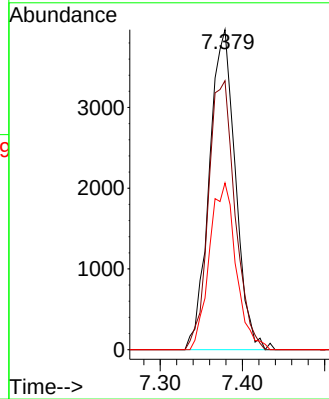
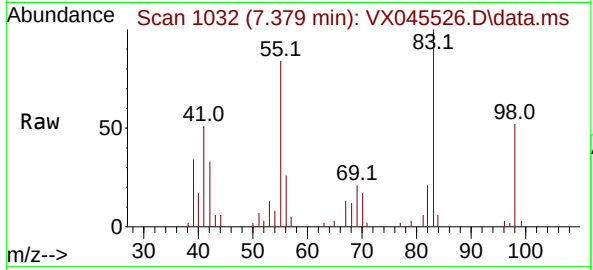




#39
Methylcyclohexane
Concen: 4.489 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

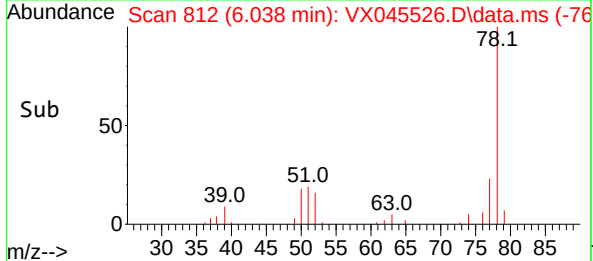
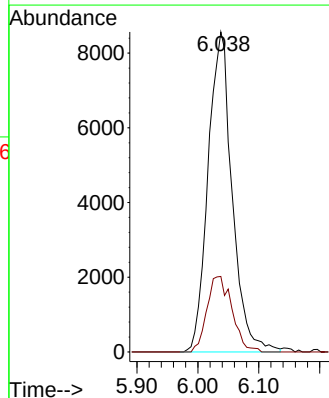
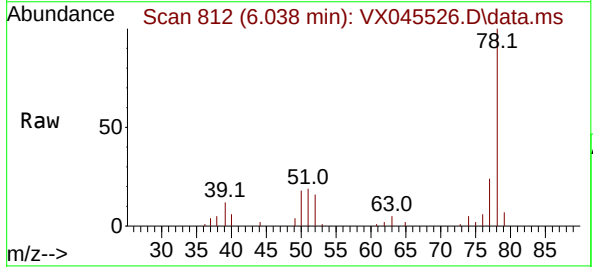
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

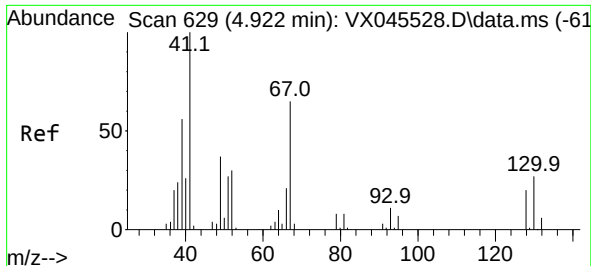
Tgt Ion: 83	Resp: 8757
Ion Ratio	Lower Upper
83 100	
55 84.0	64.9 97.3
98 52.1	37.4 56.0



#40
Benzene
Concen: 4.839 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 78	Resp: 23522
Ion Ratio	Lower Upper
78 100	
77 23.6	19.0 28.6

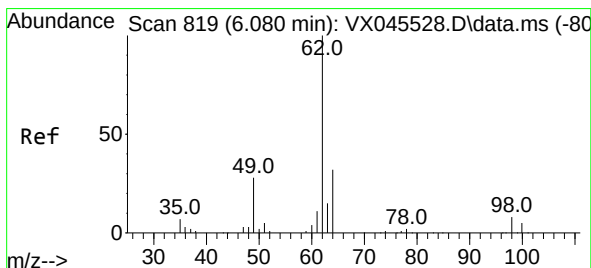
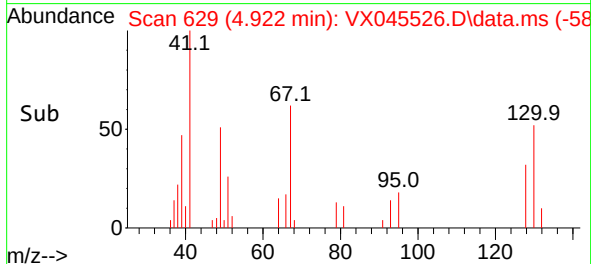
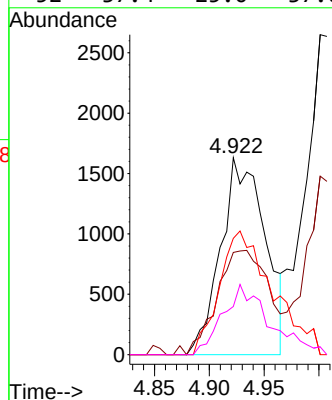
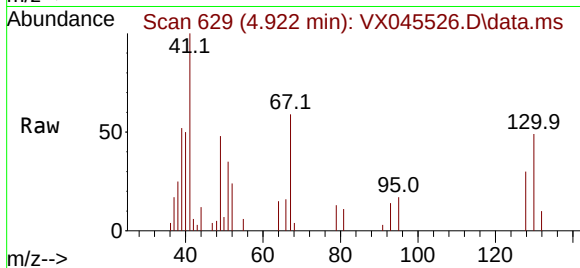




#41
Methacrylonitrile
Concen: 4.302 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

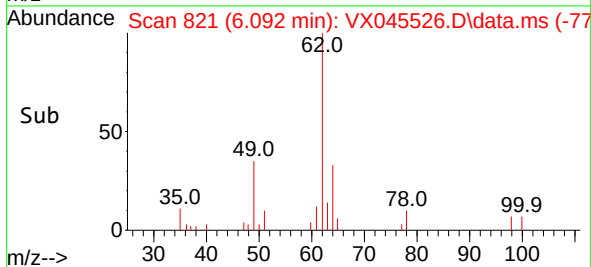
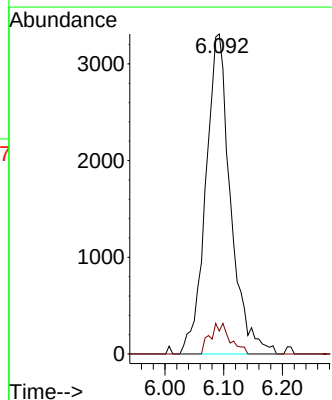
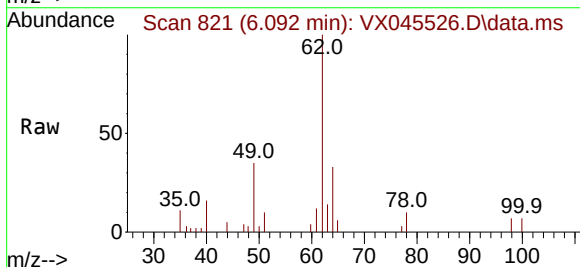
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

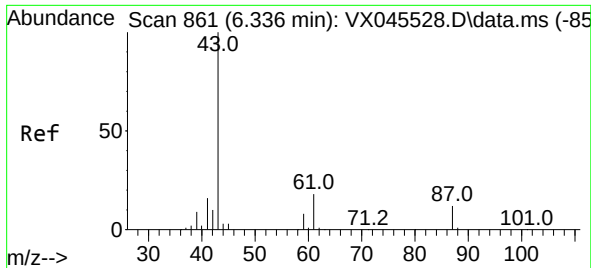
Tgt Ion:	41	Resp:	4593
Ion	Ratio	Lower	Upper
41	100		
39	61.4	47.0	70.6
67	75.2	53.2	79.8
52	37.4	25.0	37.6



#42
1,2-Dichloroethane
Concen: 4.838 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:	62	Resp:	9713
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.2

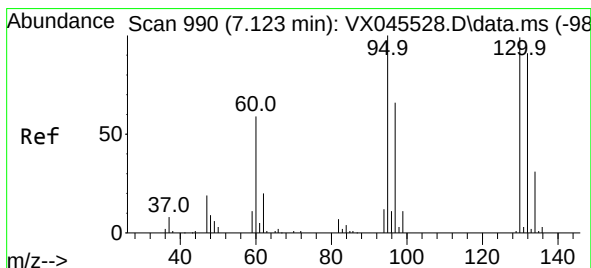
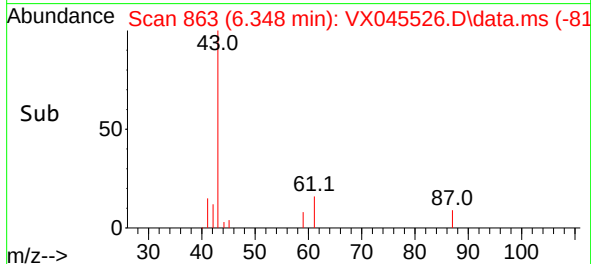
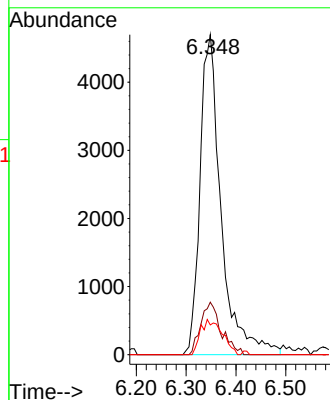
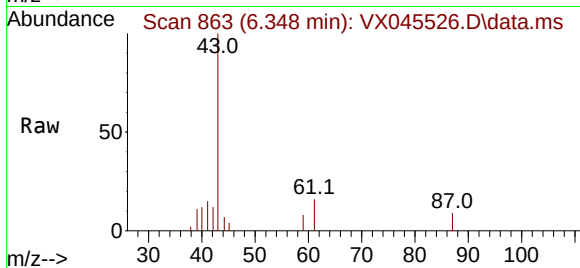




#43
Isopropyl Acetate
Concen: 4.541 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

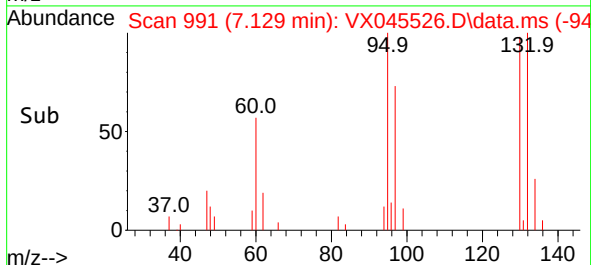
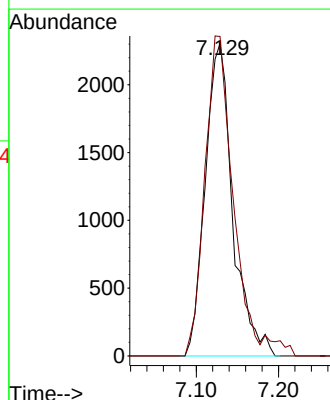
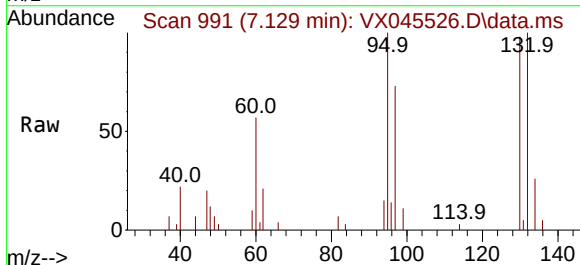
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

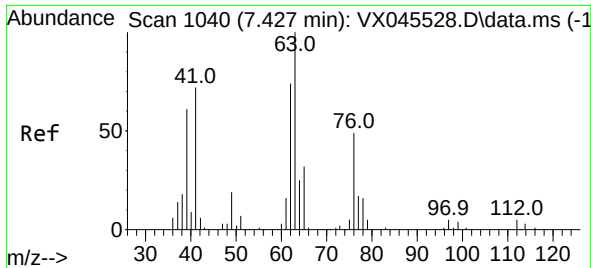
Tgt Ion: 43 Resp: 13803
Ion Ratio Lower Upper
43 100
61 15.8 14.1 21.1
87 11.3 9.2 13.8



#44
Trichloroethene
Concen: 4.635 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:130 Resp: 5355
Ion Ratio Lower Upper
130 100
95 102.2 0.0 202.0

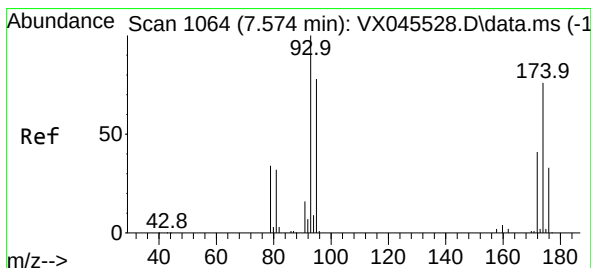
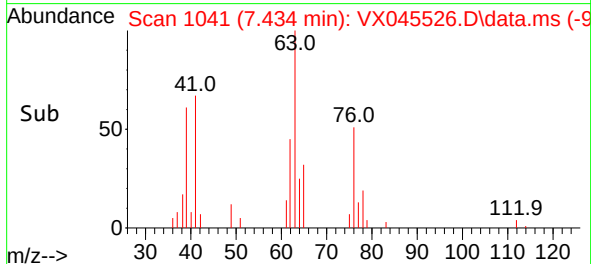
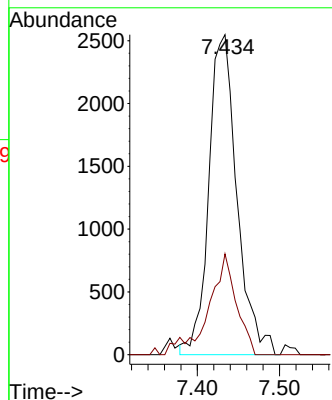
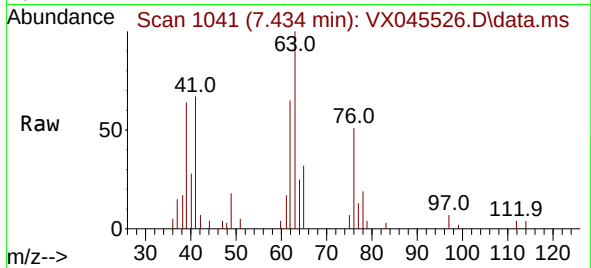




#45
1,2-Dichloropropane
Concen: 4.997 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

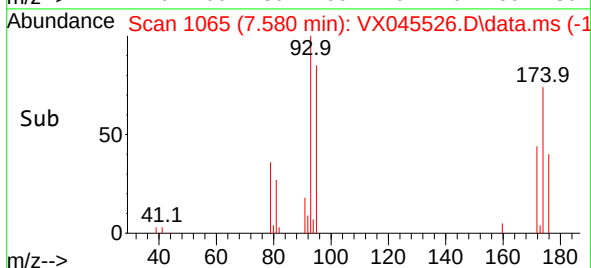
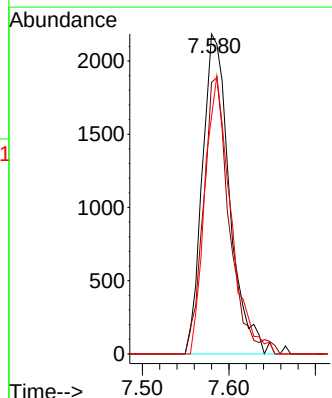
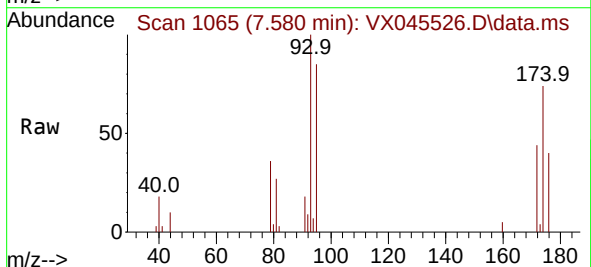
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

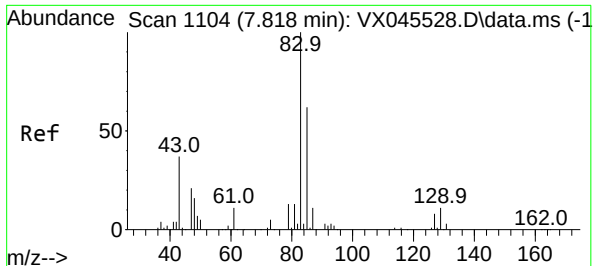
Tgt Ion: 63 Resp: 6060
Ion Ratio Lower Upper
63 100
65 31.5 25.8 38.6



#46
Dibromomethane
Concen: 5.120 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 93 Resp: 4767
Ion Ratio Lower Upper
93 100
95 81.0 64.8 97.2
174 83.1 65.4 98.0

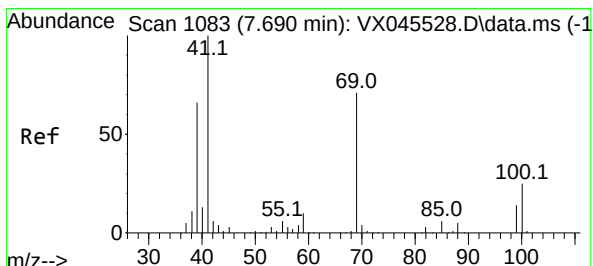
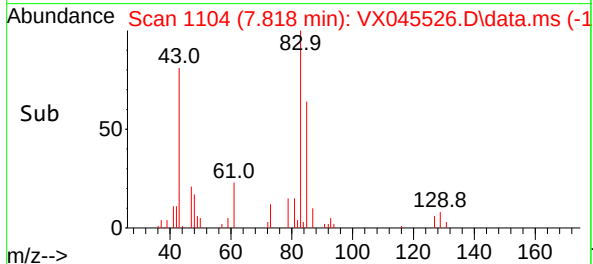
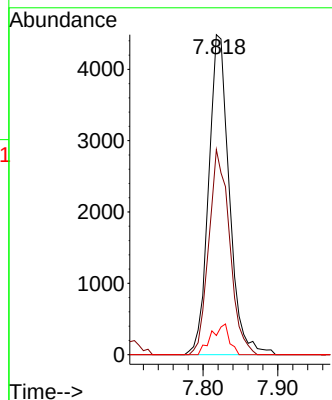
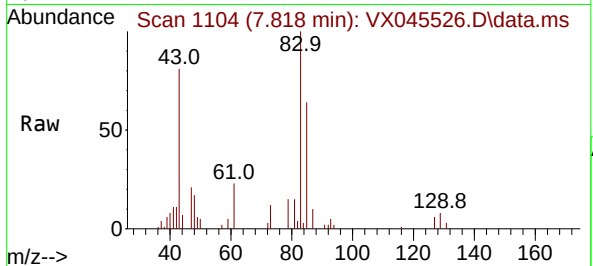




#47
Bromodichloromethane
Concen: 4.636 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

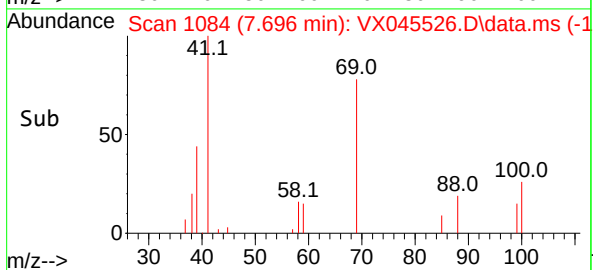
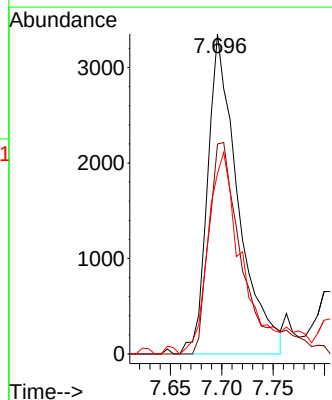
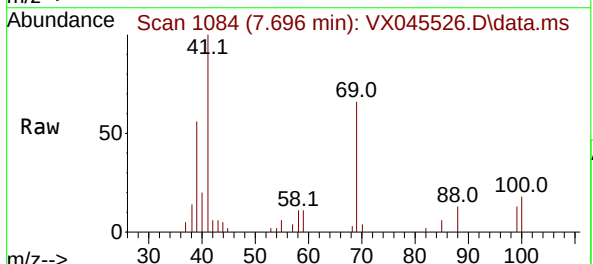
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

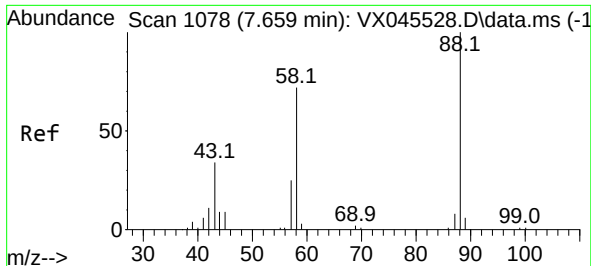
Tgt Ion: 83 Resp: 8619
Ion Ratio Lower Upper
83 100
85 64.1 49.7 74.5
127 6.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 4.401 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 41 Resp: 6908
Ion Ratio Lower Upper
41 100
69 74.6 58.2 87.2
39 68.3 53.6 80.4





#49

1,4-Dioxane

Concen: 112.864 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

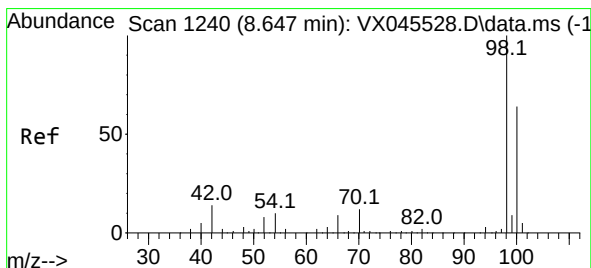
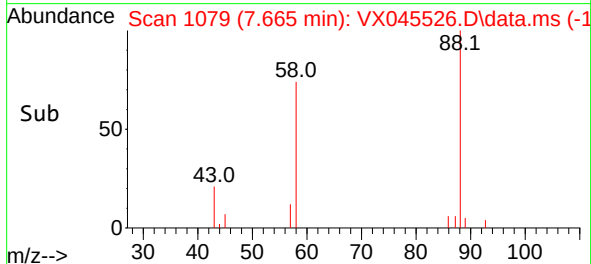
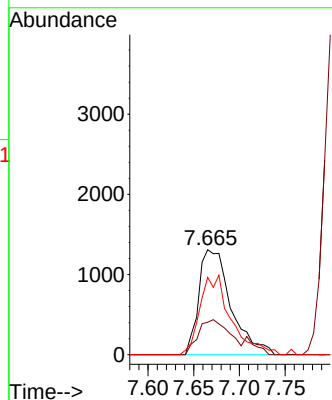
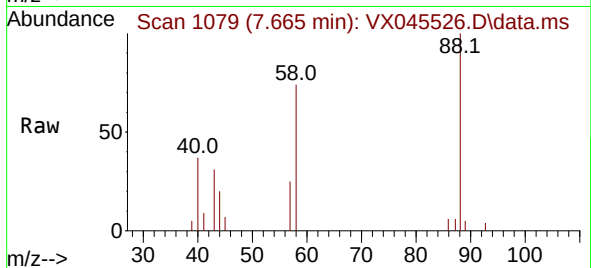
Tgt Ion: 88 Resp: 3205

Ion Ratio Lower Upper

88 100

43 32.4 32.2 48.4

58 72.7 58.6 88.0



#50

Toluene-d8

Concen: 5.077 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045526.D

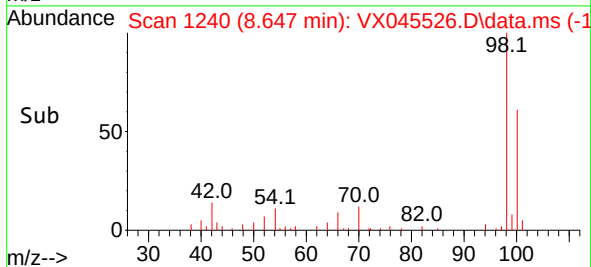
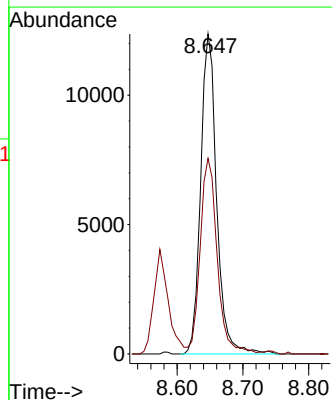
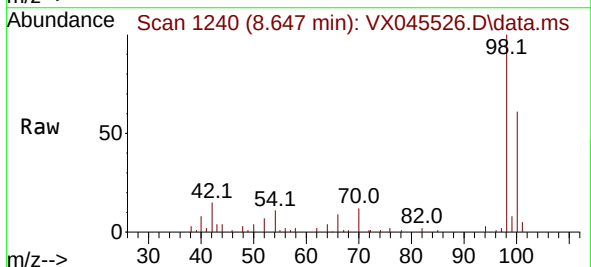
Acq: 01 Apr 2025 17:29

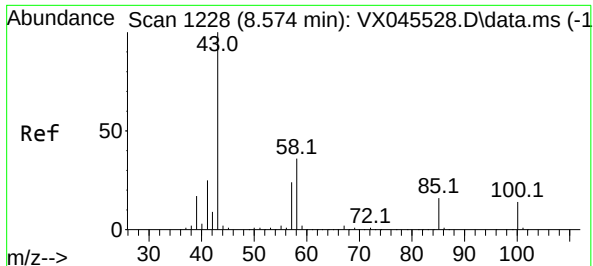
Tgt Ion: 98 Resp: 20890

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.4

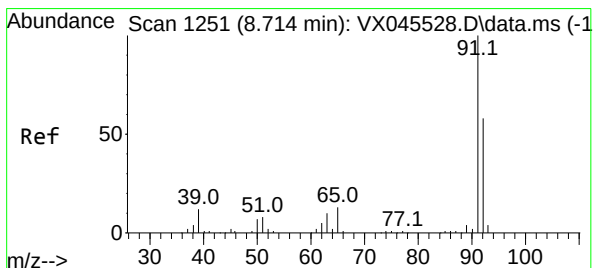
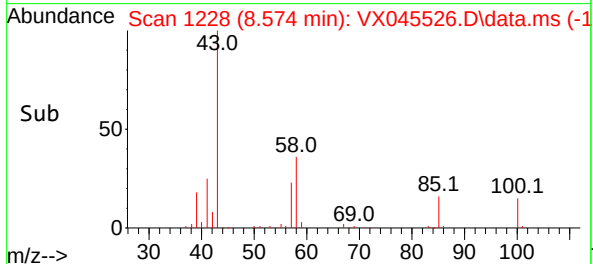
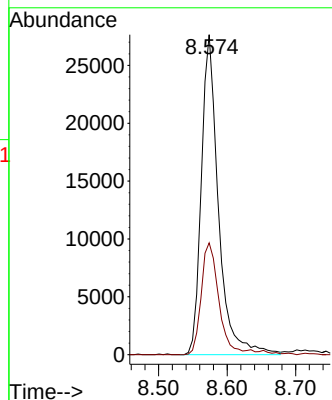
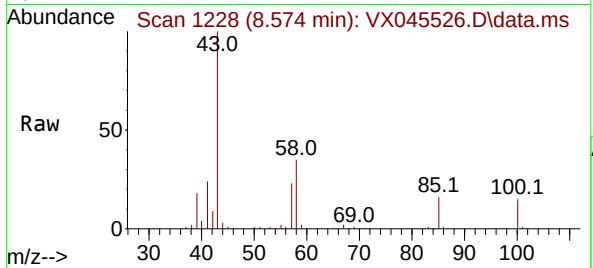




#51
4-Methyl-2-Pentanone
Concen: 23.844 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

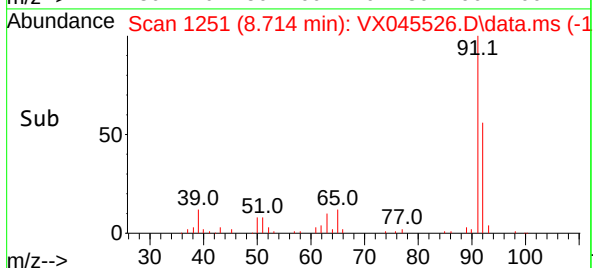
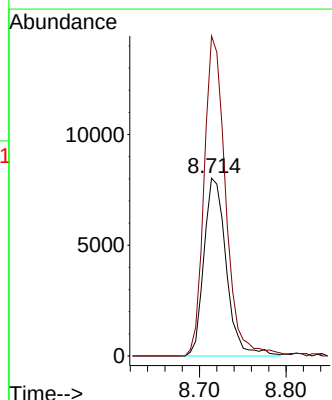
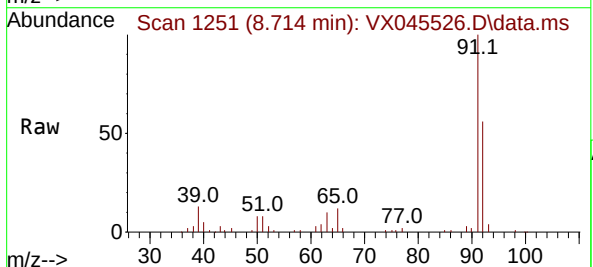
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

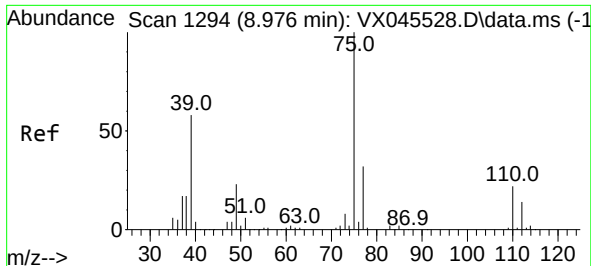
Tgt Ion: 43 Resp: 48050
Ion Ratio Lower Upper
43 100
58 37.3 28.5 42.7



#52
Toluene
Concen: 4.893 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 92 Resp: 14391
Ion Ratio Lower Upper
92 100
91 173.1 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 5.834 ug/l

RT: 8.982 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

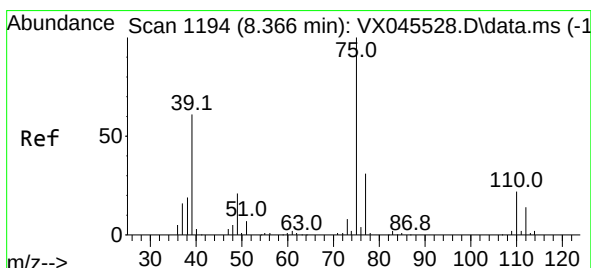
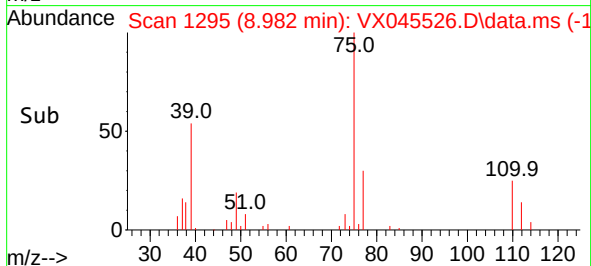
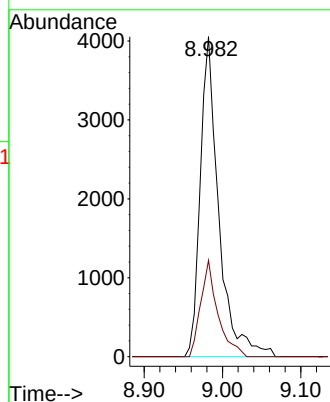
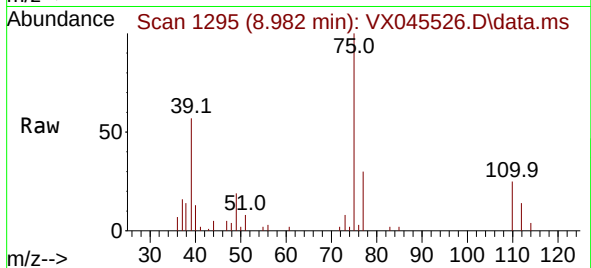
VSTDIC005

Tgt Ion: 75 Resp: 6643

Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 4.506 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

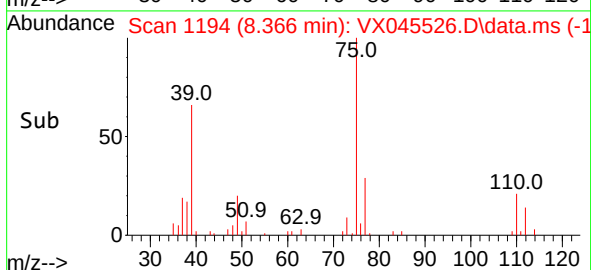
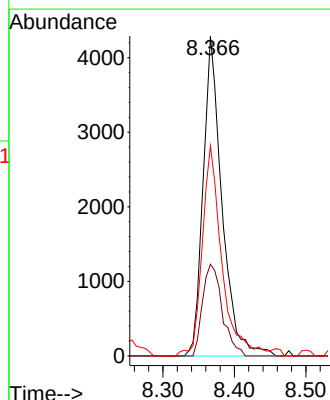
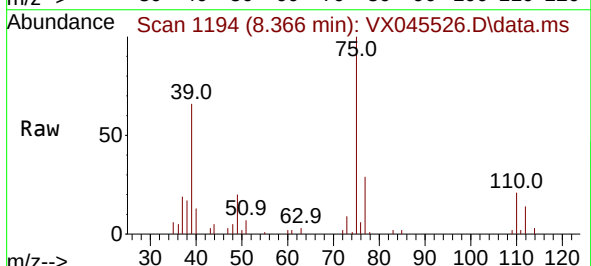
Tgt Ion: 75 Resp: 7873

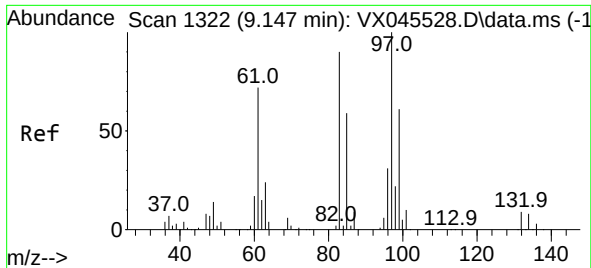
Ion Ratio Lower Upper

75 100

77 28.6 24.6 36.8

39 64.4 48.4 72.6

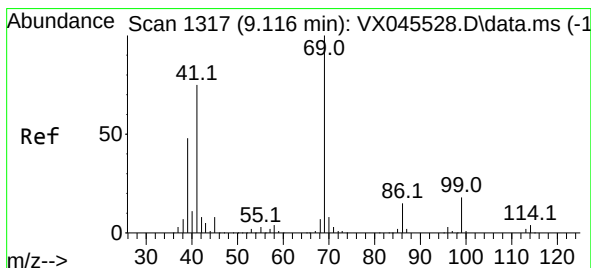
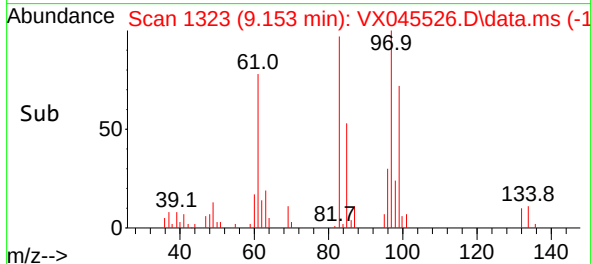
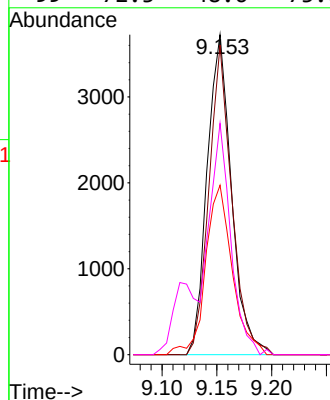
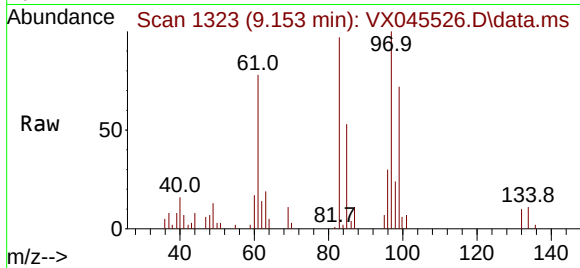




#55
 1,1,2-Trichloroethane
 Concen: 4.898 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

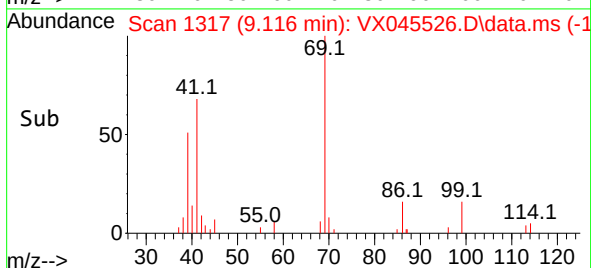
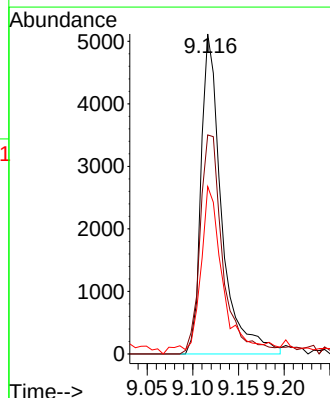
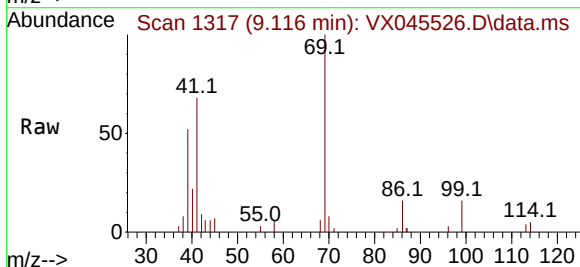
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

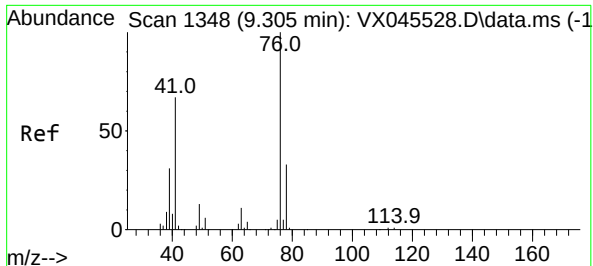
Tgt Ion:	97	Resp:	5741
Ion	Ratio	Lower	Upper
97	100		
83	96.8	71.8	107.8
85	52.9	47.0	70.6
99	72.3	48.6	73.0



#56
 Ethyl methacrylate
 Concen: 4.417 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

Tgt Ion:	69	Resp:	8012
Ion	Ratio	Lower	Upper
69	100		
41	75.8	61.3	91.9
39	58.5	40.2	60.2





#57

1,3-Dichloropropane

Concen: 5.002 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

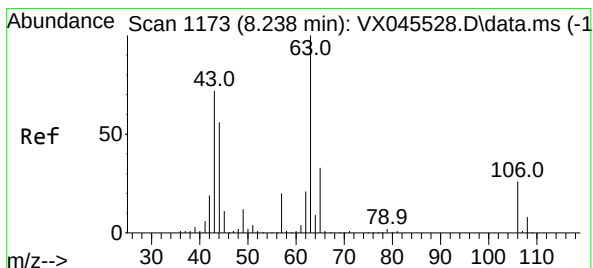
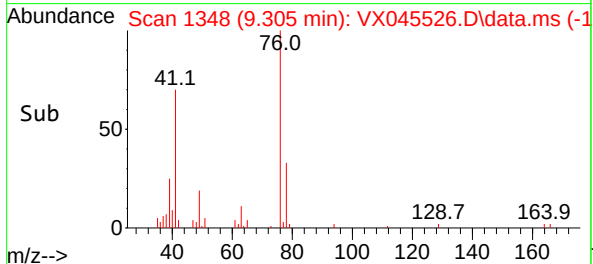
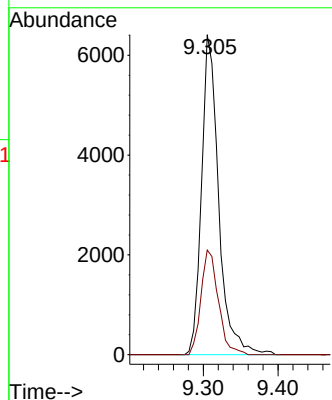
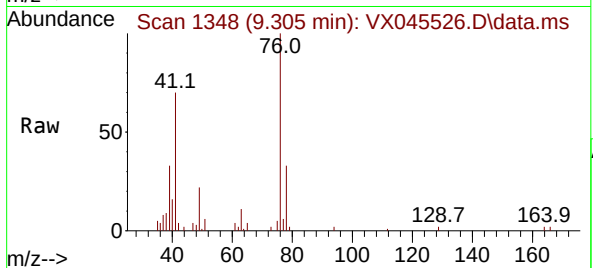
VSTDICC005

Tgt Ion: 76 Resp: 10208

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 23.302 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX045526.D

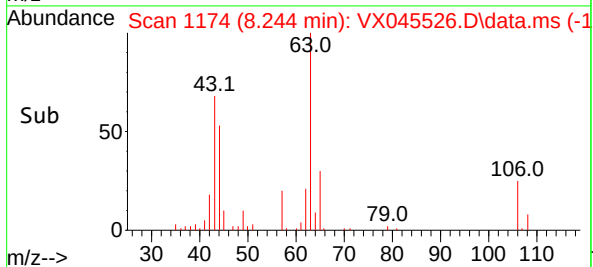
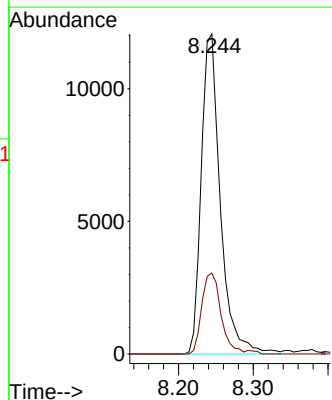
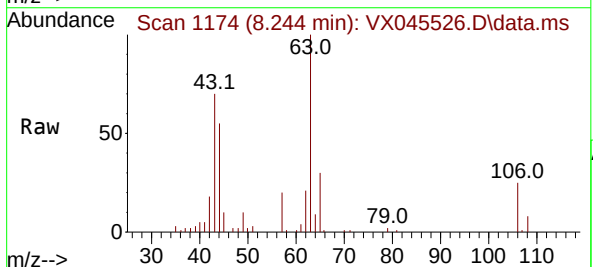
Acq: 01 Apr 2025 17:29

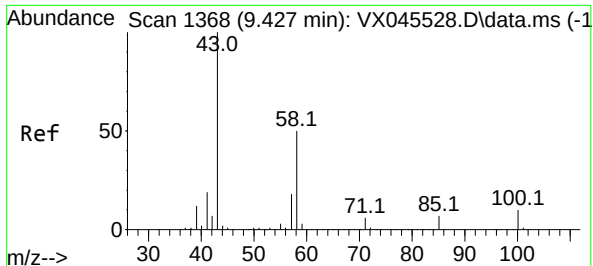
Tgt Ion: 63 Resp: 21382

Ion Ratio Lower Upper

63 100

106 25.8 21.0 31.6





#59

2-Hexanone

Concen: 23.875 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

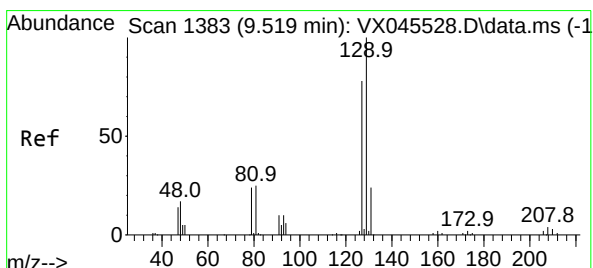
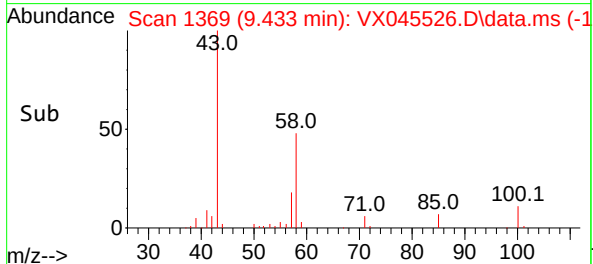
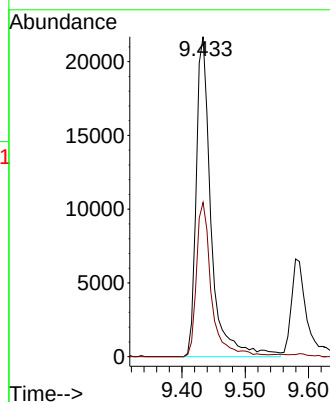
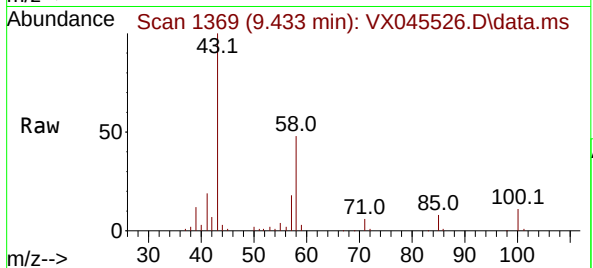
VSTDICC005

Tgt Ion: 43 Resp: 35628

Ion Ratio Lower Upper

43 100

58 48.7 24.9 74.6



#60

Dibromochloromethane

Concen: 4.582 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045526.D

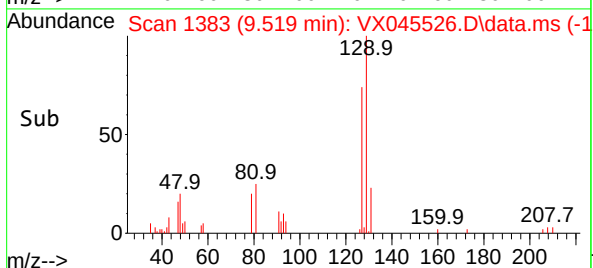
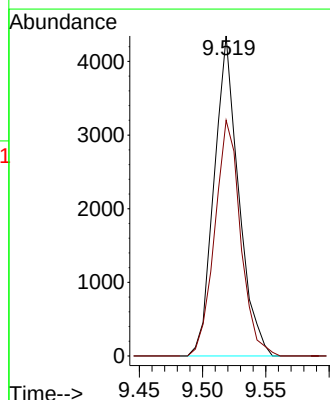
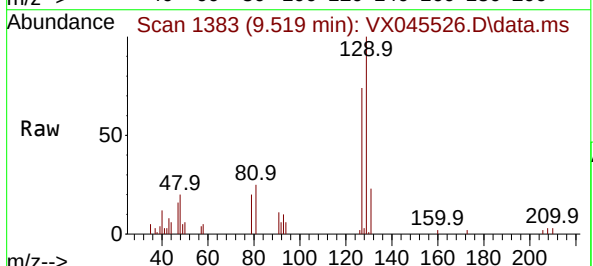
Acq: 01 Apr 2025 17:29

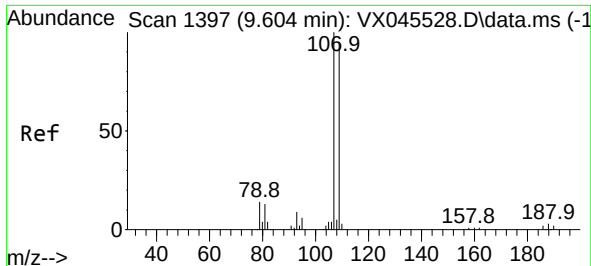
Tgt Ion: 129 Resp: 5855

Ion Ratio Lower Upper

129 100

127 77.5 39.4 118.2

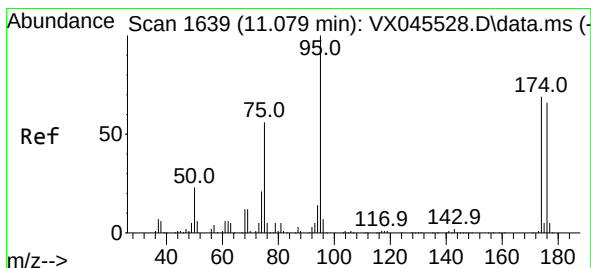
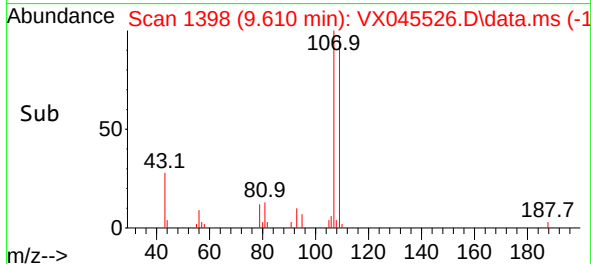
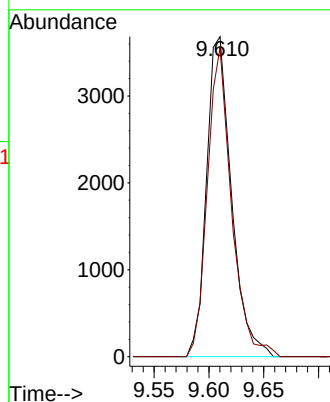
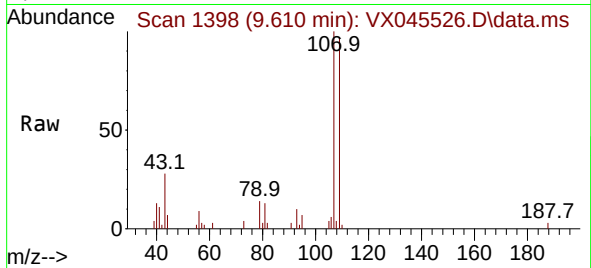




#61
1,2-Dibromoethane
Concen: 4.920 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

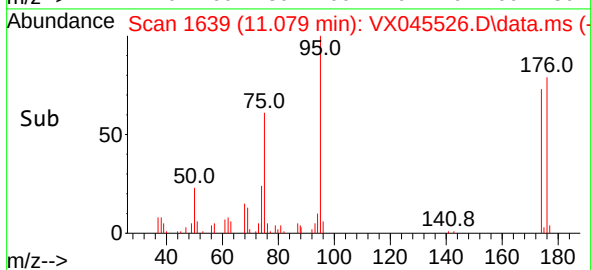
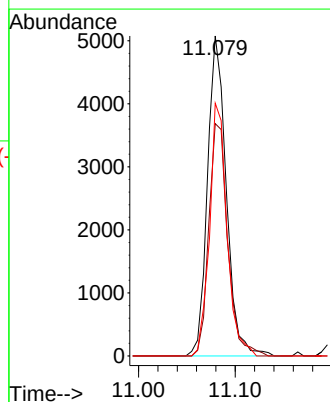
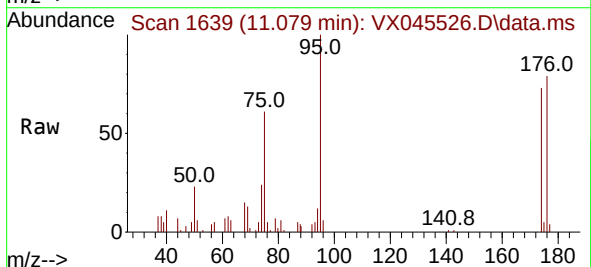
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

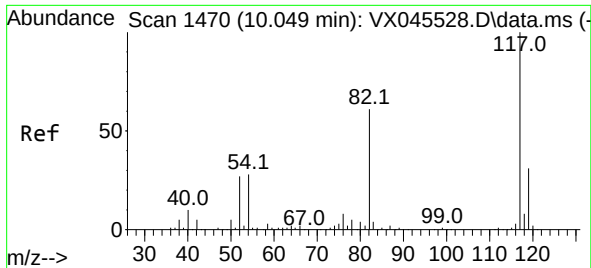
Tgt Ion:107 Resp: 5837
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 4.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 95 Resp: 6867
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.8
176 73.3 0.0 131.4

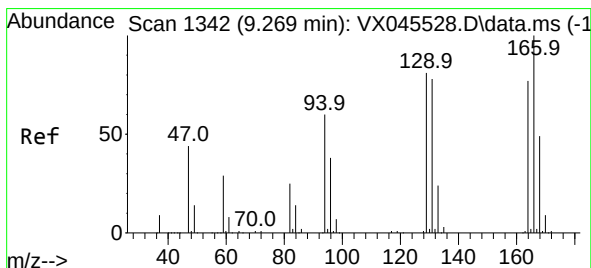
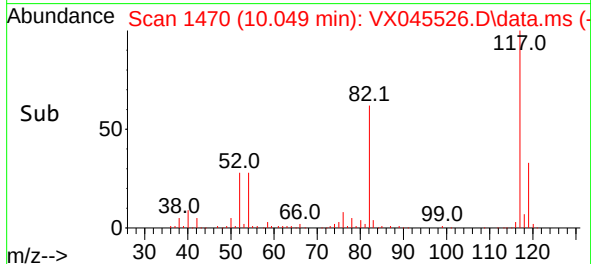
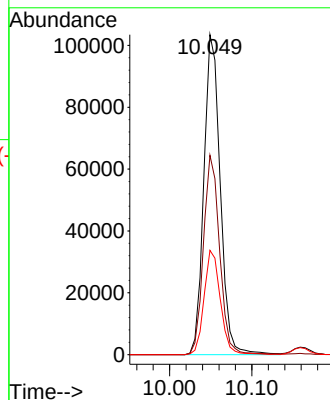
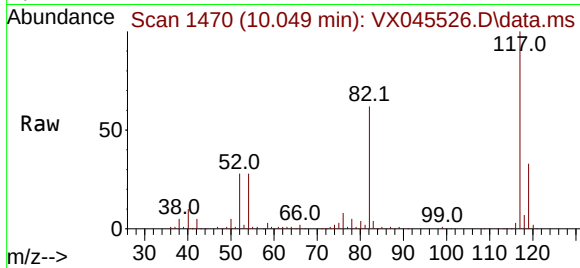




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

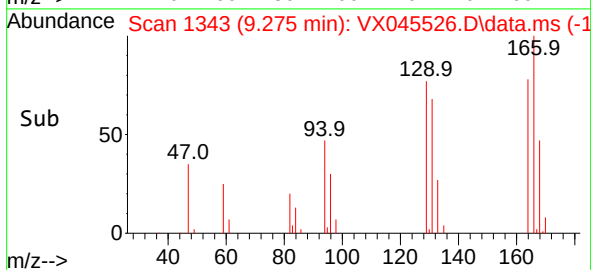
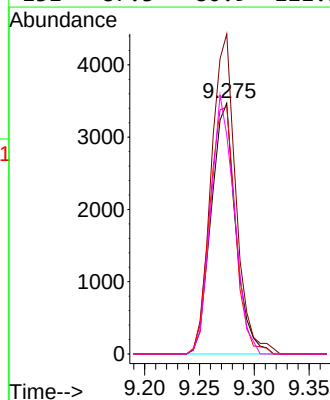
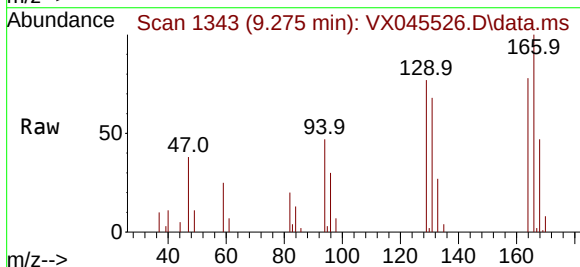
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

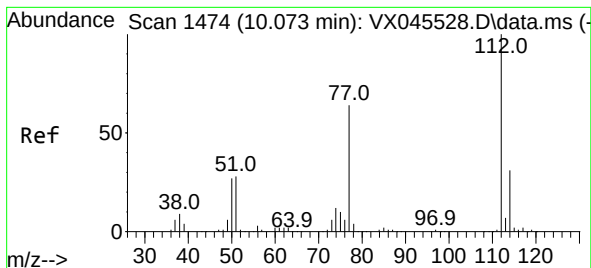
Tgt Ion:117 Resp: 143937
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 32.6 25.1 37.7



#64
Tetrachloroethene
Concen: 5.287 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:164 Resp: 5373
Ion Ratio Lower Upper
164 100
166 127.6 103.8 155.8
129 98.6 84.3 126.5
131 87.3 80.9 121.3

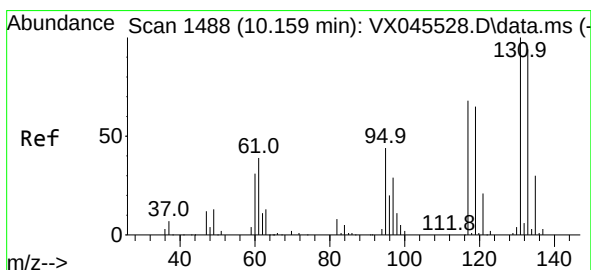
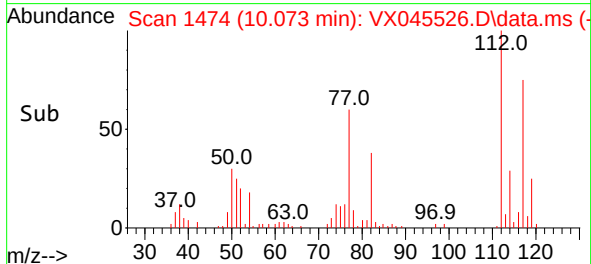
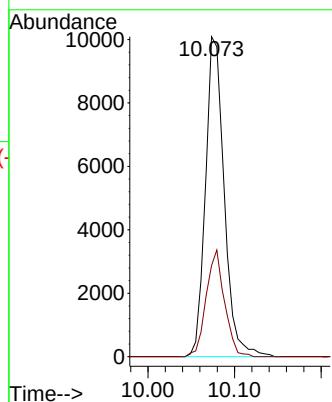
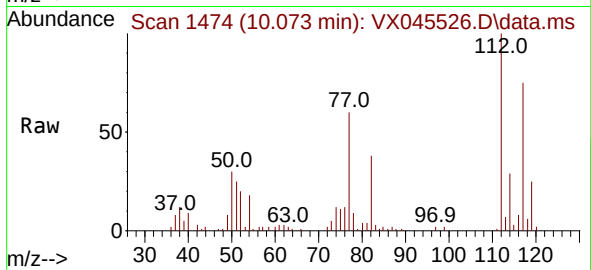




#65
Chlorobenzene
Concen: 4.935 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

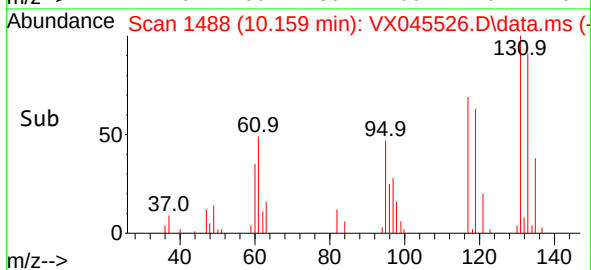
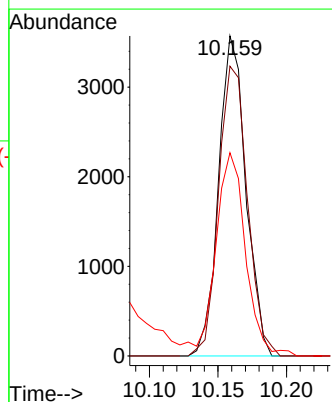
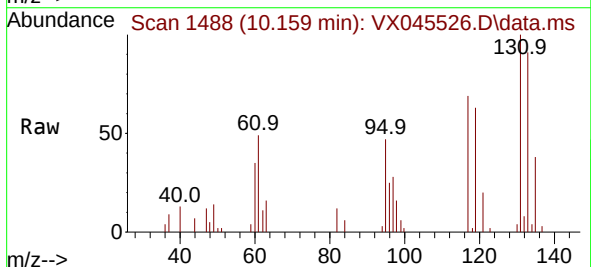
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

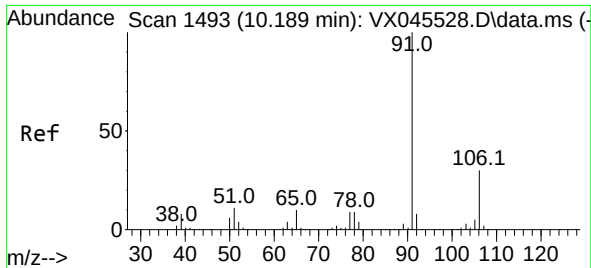
Tgt Ion:112 Resp: 15178
Ion Ratio Lower Upper
112 100
114 28.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 4.631 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:131 Resp: 4945
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 70.0 32.9 98.6

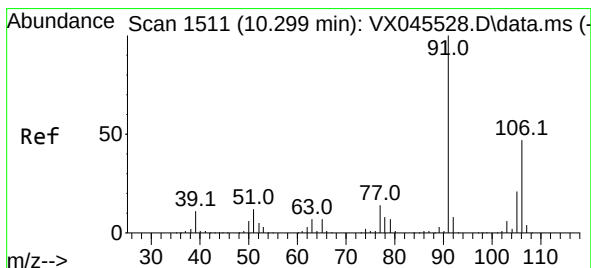
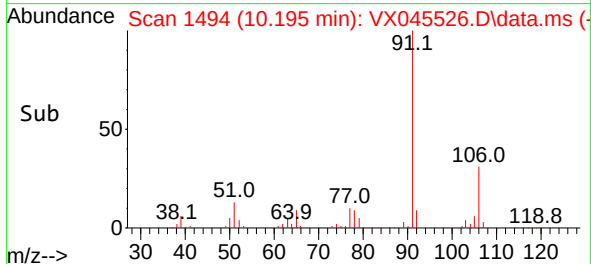
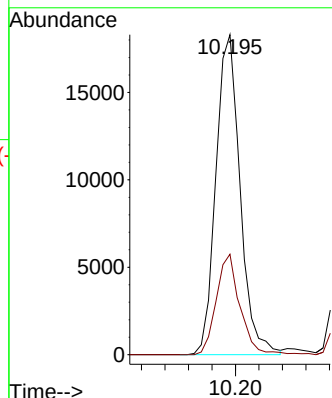
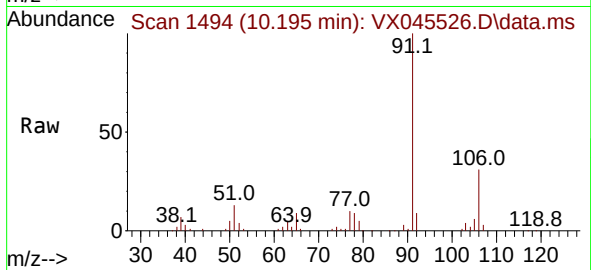




#67
Ethyl Benzene
Concen: 4.753 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

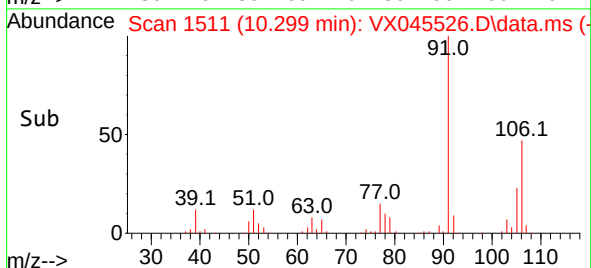
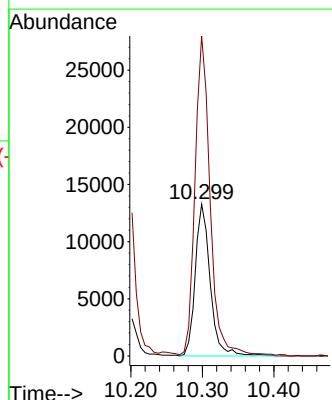
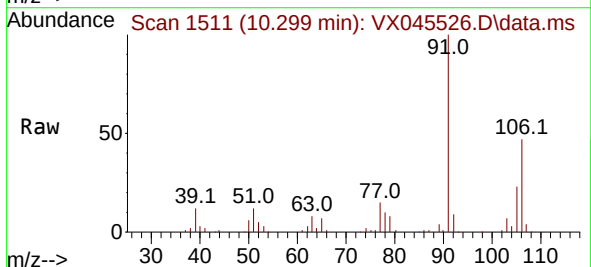
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

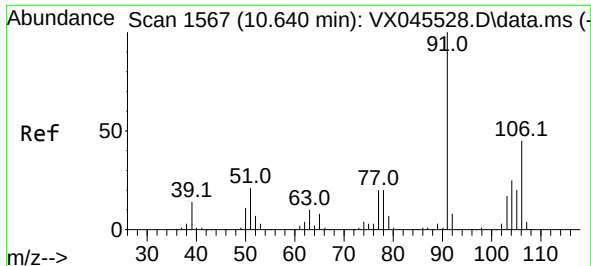
Tgt Ion: 91 Resp: 26180
Ion Ratio Lower Upper
91 100
106 31.4 23.7 35.5



#68
m/p-Xylenes
Concen: 9.617 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 106 Resp: 19268
Ion Ratio Lower Upper
106 100
91 213.6 172.6 258.8

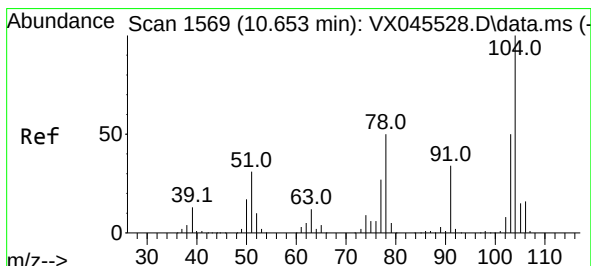
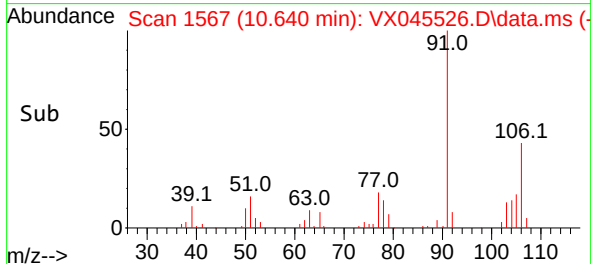
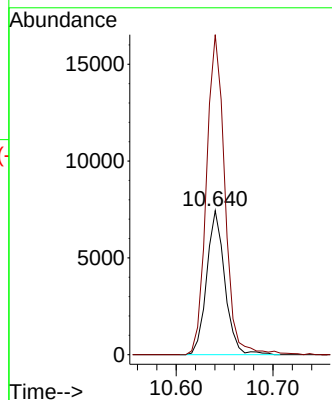
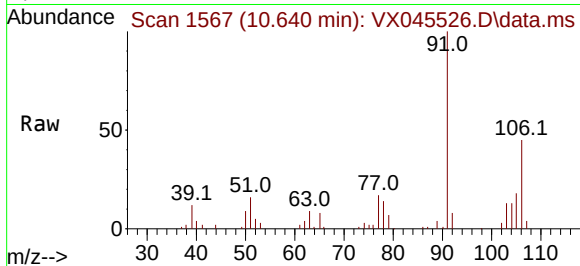




#69
o-Xylene
Concen: 4.932 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

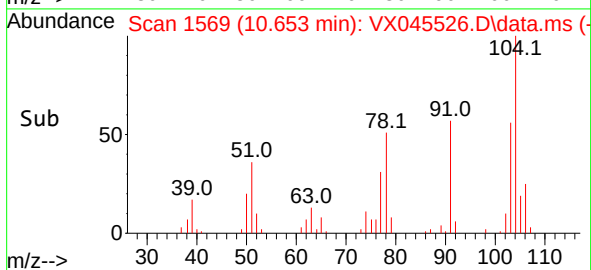
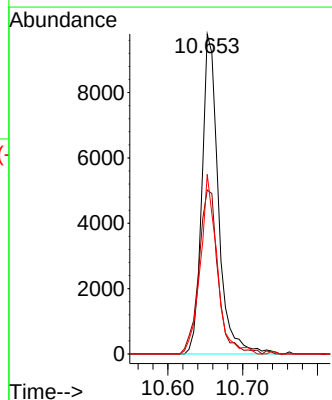
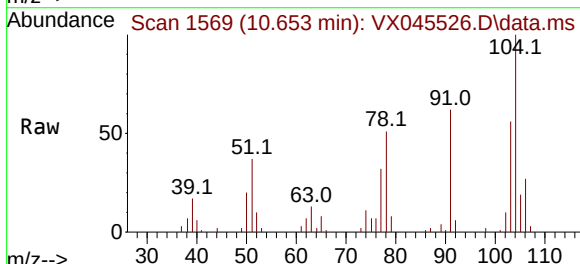
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

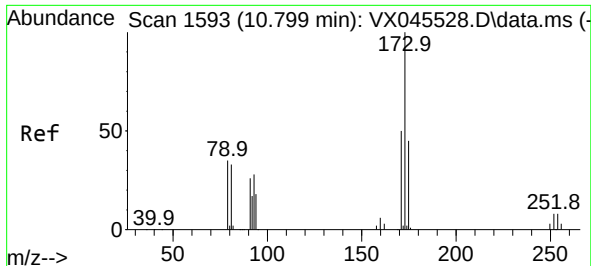
Tgt Ion:106 Resp: 9735
Ion Ratio Lower Upper
106 100
91 225.8 113.6 340.6



#70
Styrene
Concen: 4.610 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:104 Resp: 15017
Ion Ratio Lower Upper
104 100
78 59.8 45.4 68.2
103 57.1 43.8 65.8

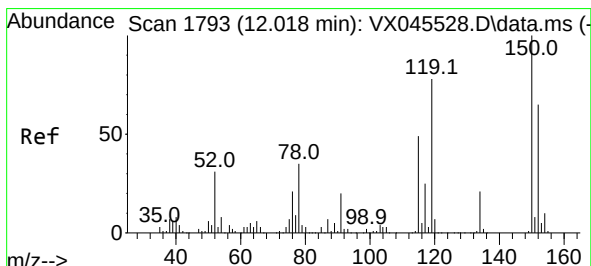
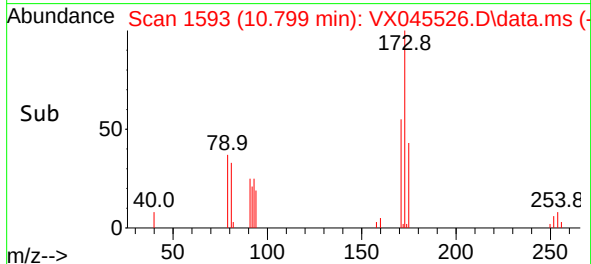
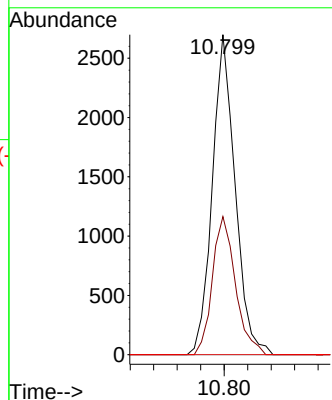
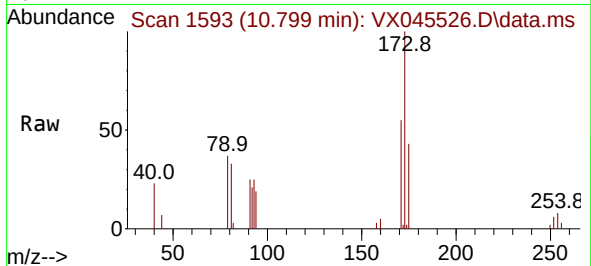




#71
Bromoform
Concen: 4.558 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

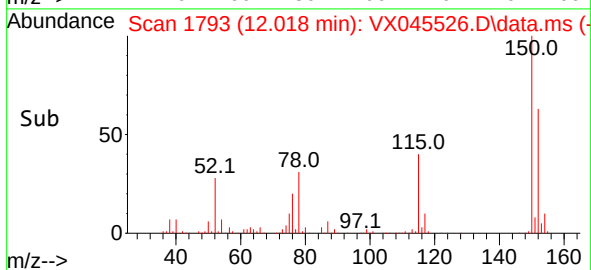
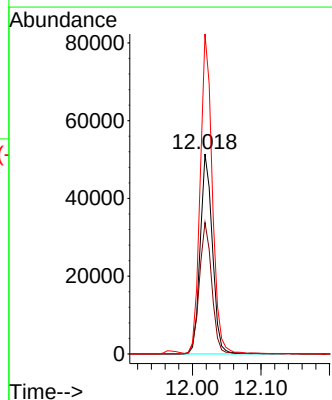
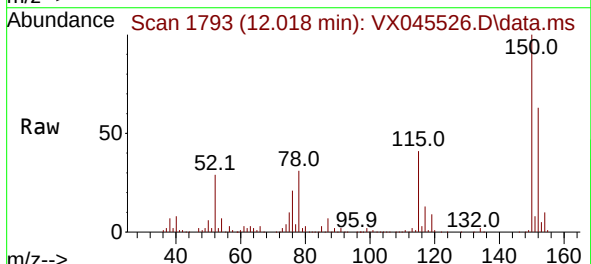
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

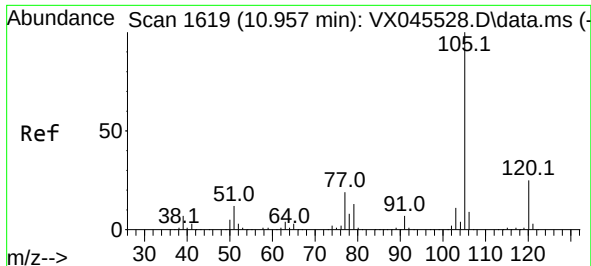
Tgt Ion:173 Resp: 3634
Ion Ratio Lower Upper
173 100
175 43.7 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:152 Resp: 63909
Ion Ratio Lower Upper
152 100
115 66.5 46.9 140.7
150 157.5 0.0 349.4

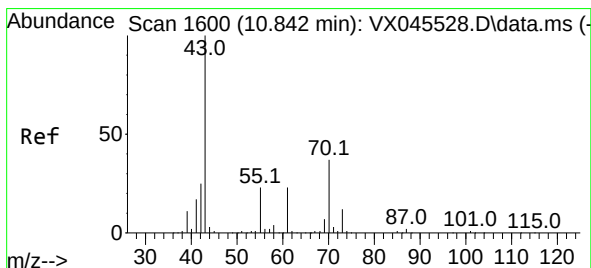
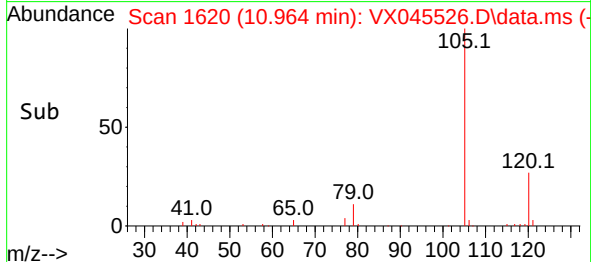
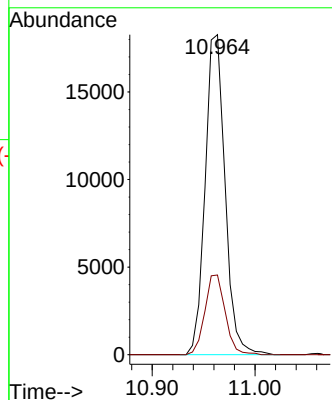
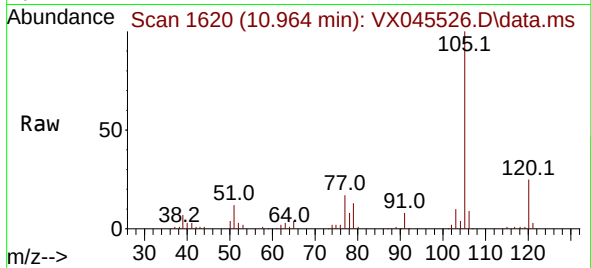




#73
Isopropylbenzene
Concen: 4.806 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

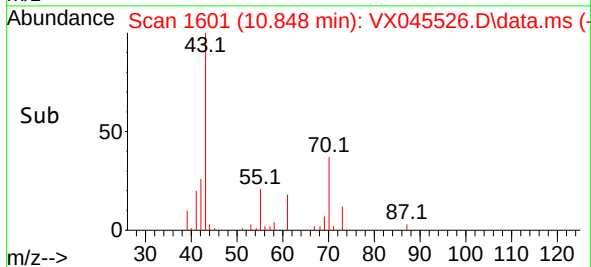
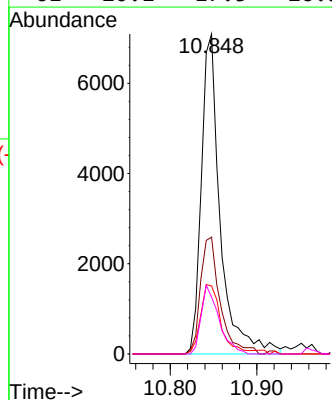
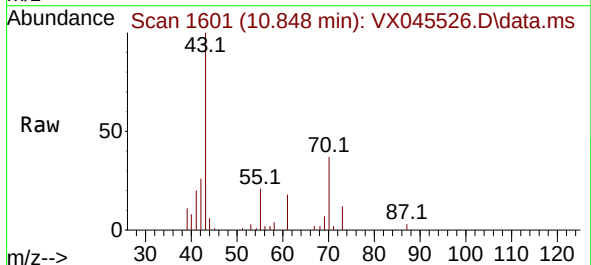
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

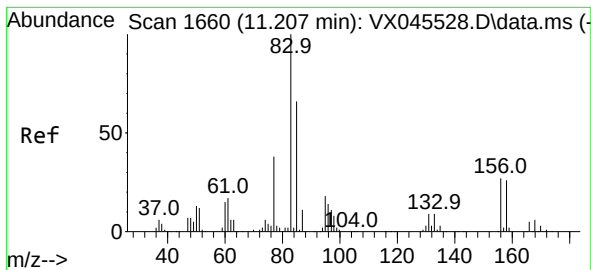
Tgt Ion:105 Resp: 24604
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0



#74
N-ethyl acetate
Concen: 4.390 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 10750
Ion Ratio Lower Upper
43 100
70 37.8 30.1 45.1
55 23.0 18.3 27.5
61 20.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.075 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

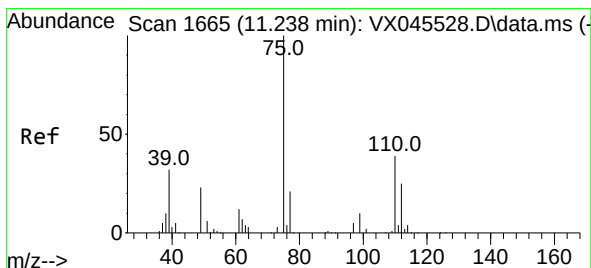
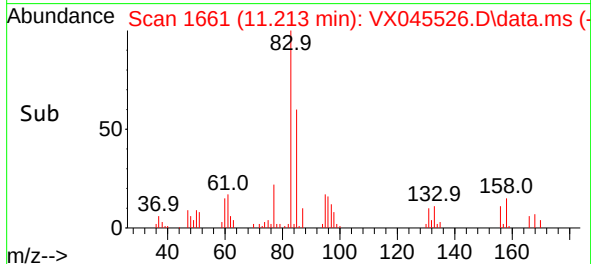
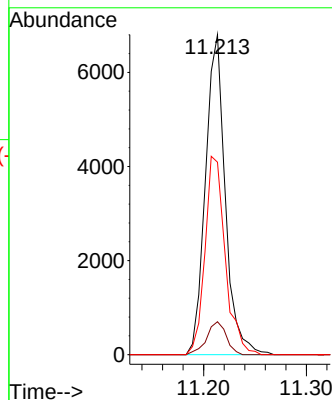
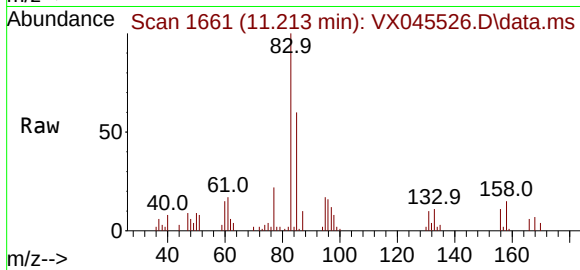
Tgt Ion: 83 Resp: 9127

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.1

85 63.5 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 5.909 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX045526.D

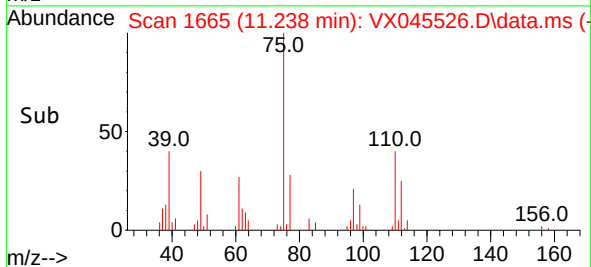
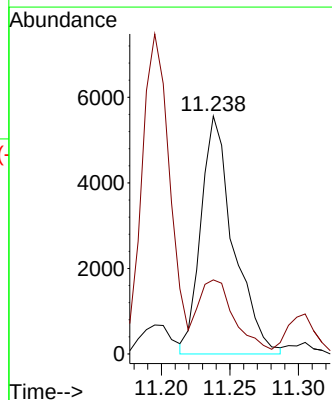
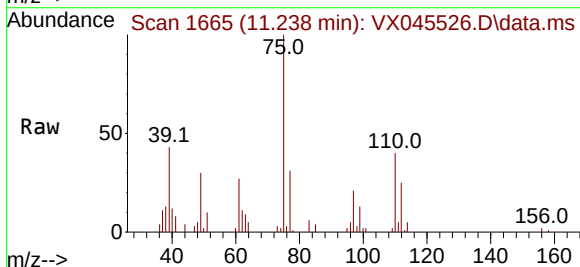
Acq: 01 Apr 2025 17:29

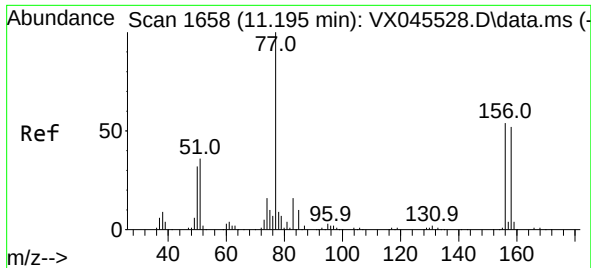
Tgt Ion: 75 Resp: 9211

Ion Ratio Lower Upper

75 100

77 35.1 20.0 59.9

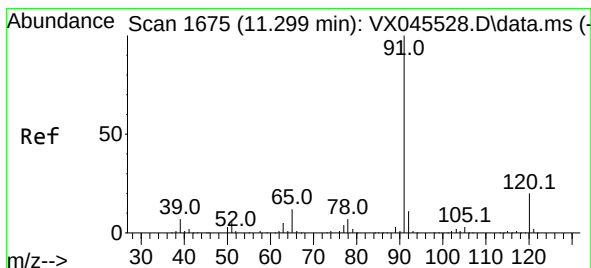
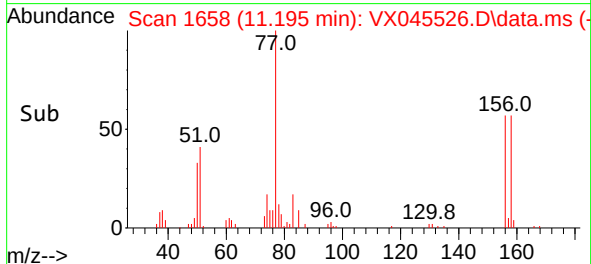
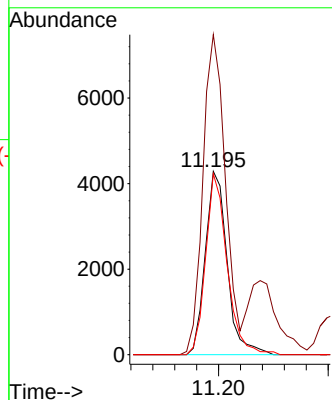
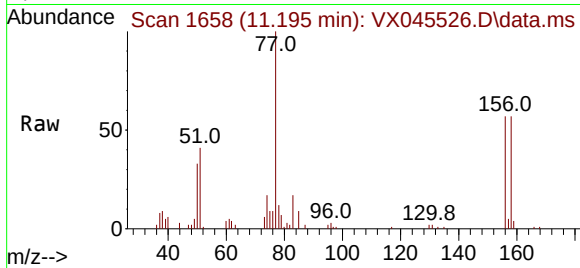




#77
Bromobenzene
Concen: 5.011 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

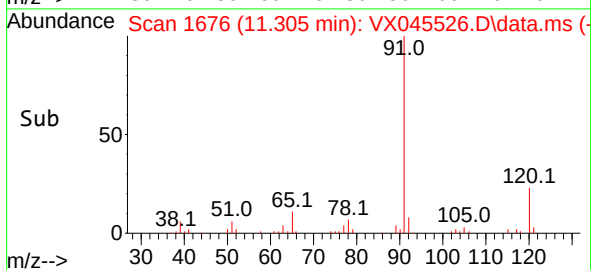
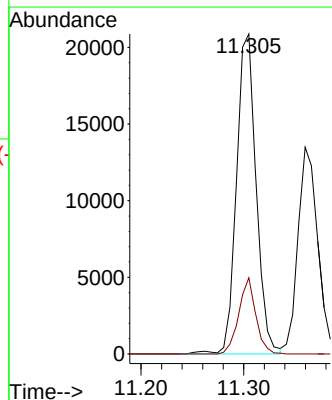
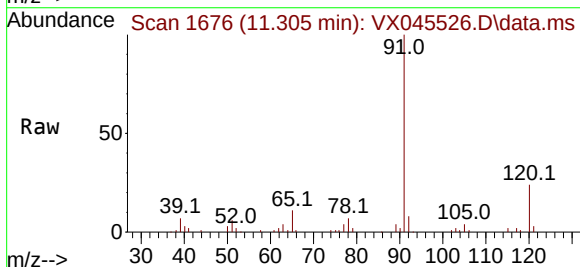
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

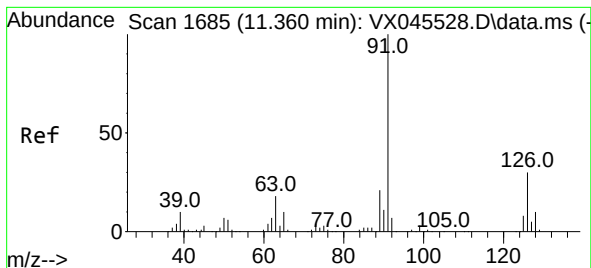
Tgt Ion:156 Resp: 5927
Ion Ratio Lower Upper
156 100
77 178.8 92.6 277.8
158 97.0 48.1 144.4



#78
n-propylbenzene
Concen: 4.711 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 91 Resp: 27777
Ion Ratio Lower Upper
91 100
120 20.6 10.8 32.3





#79

2-Chlorotoluene

Concen: 4.870 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

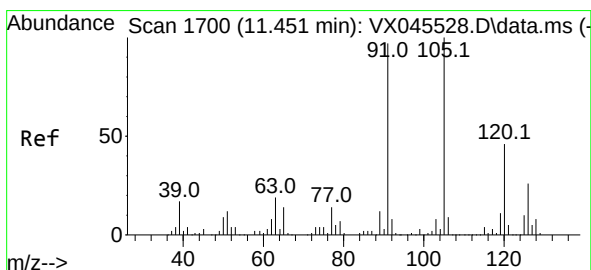
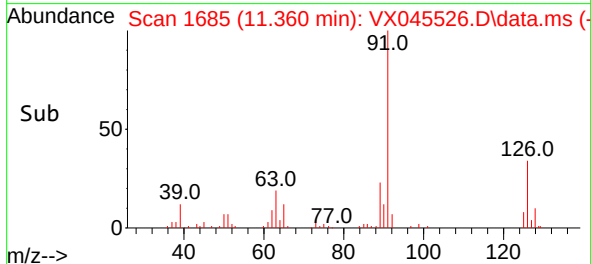
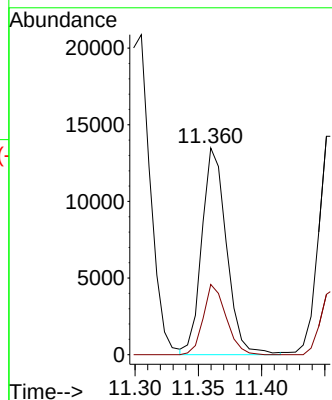
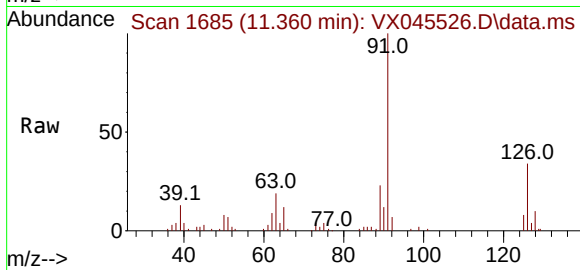
VSTDIC005

Tgt Ion: 91 Resp: 18358

Ion Ratio Lower Upper

91 100

126 31.3 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 4.710 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045526.D

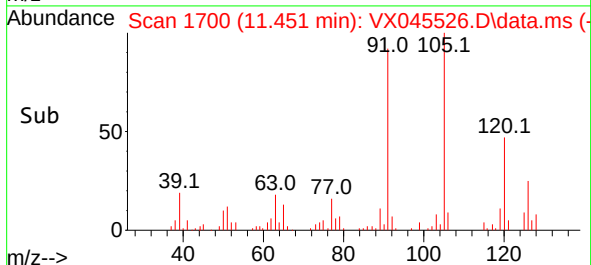
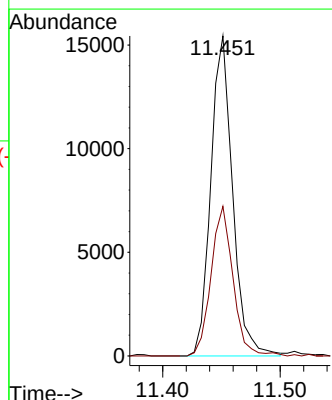
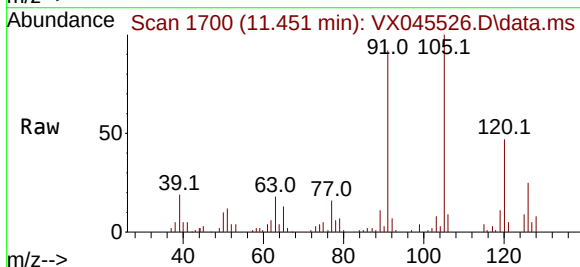
Acq: 01 Apr 2025 17:29

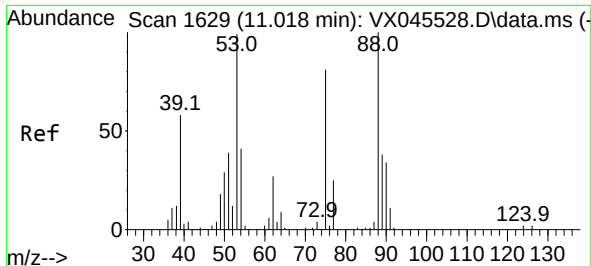
Tgt Ion: 105 Resp: 19936

Ion Ratio Lower Upper

105 100

120 47.1 23.0 69.0

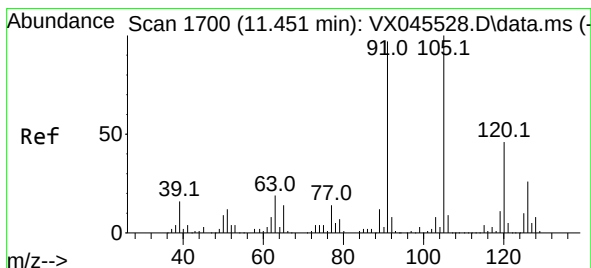
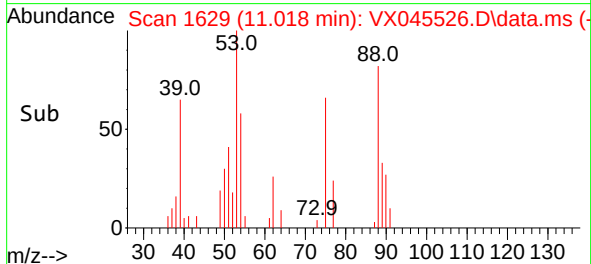
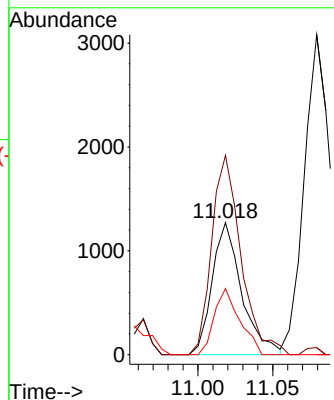
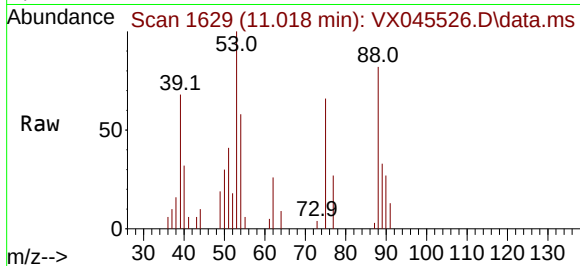




#81
trans-1,4-Dichloro-2-butene
Concen: 3.814 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

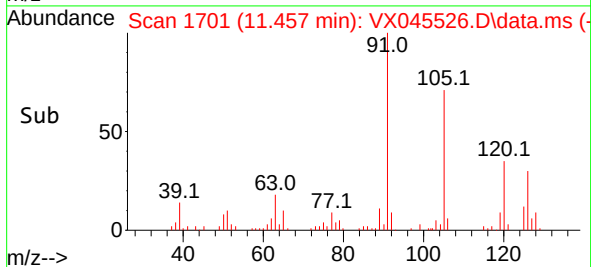
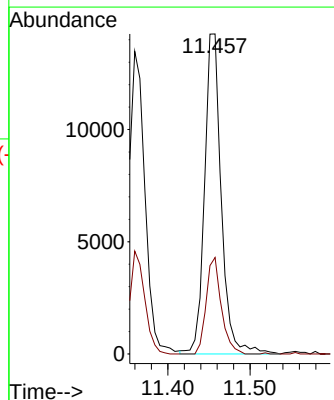
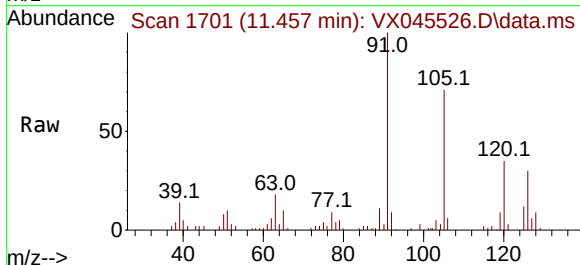
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

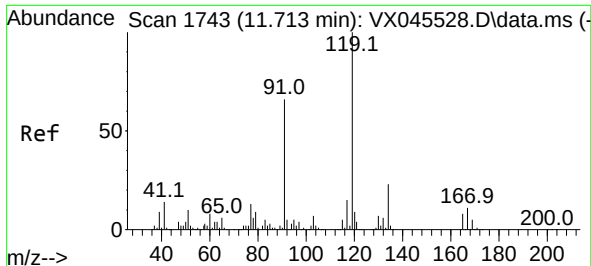
Tgt Ion:	75	Resp:	1752
Ion	Ratio	Lower	Upper
75	100		
53	149.1	101.8	152.6
89	43.1	37.2	55.8



#82
4-Chlorotoluene
Concen: 4.799 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:	91	Resp:	20171
Ion	Ratio	Lower	Upper
91	100		
126	27.2	13.3	39.9

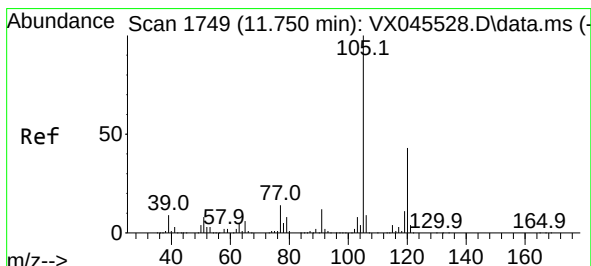
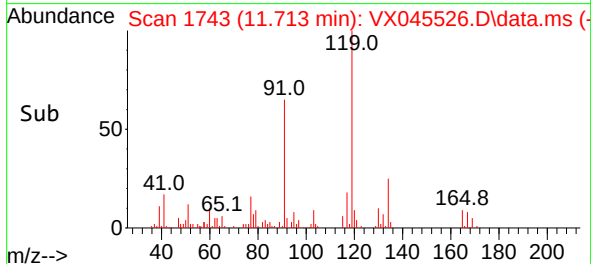
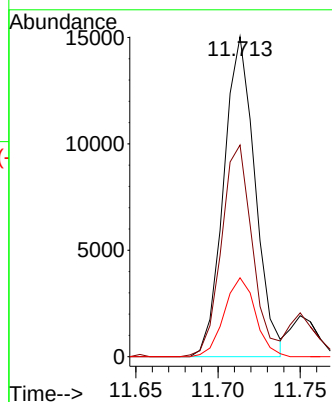
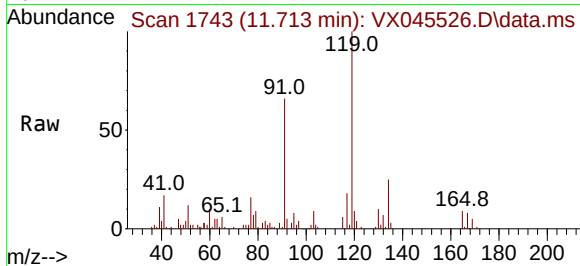




#83
 tert-Butylbenzene
 Concen: 4.763 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

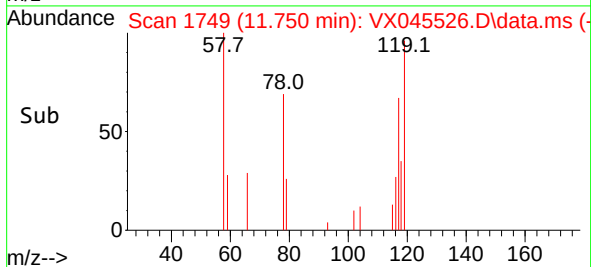
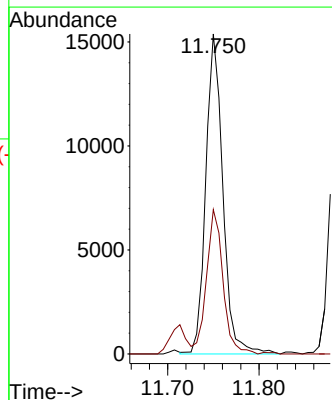
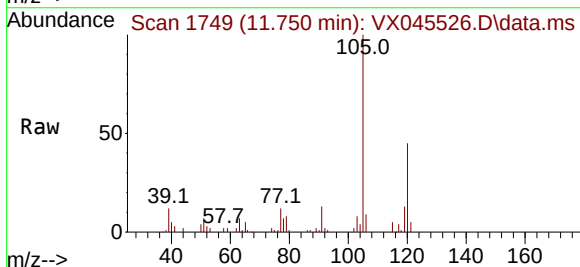
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

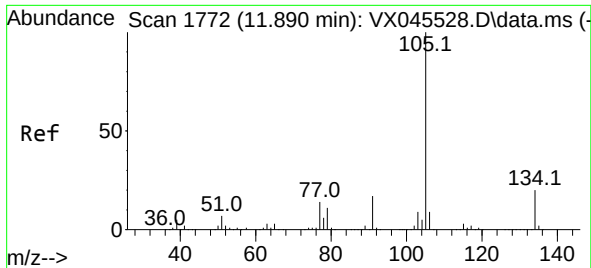
Tgt Ion:	119	Resp:	19962
Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.4	97.2
134	24.6	11.5	34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 4.707 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

Tgt Ion:	105	Resp:	19998
Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.4	64.3

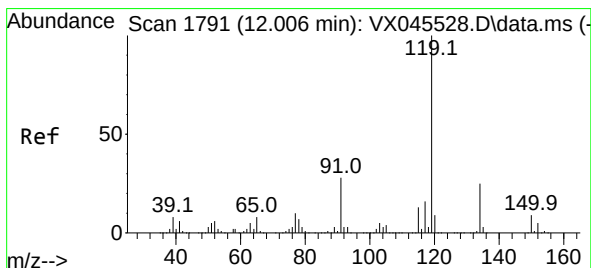
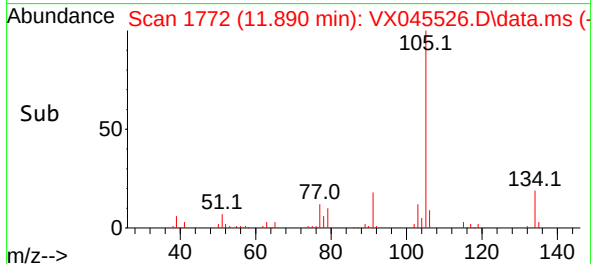
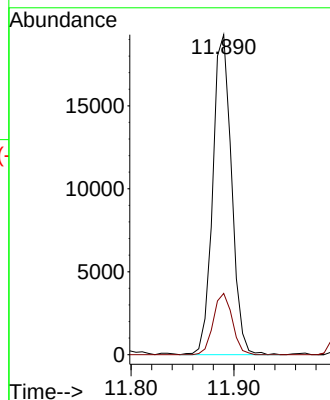
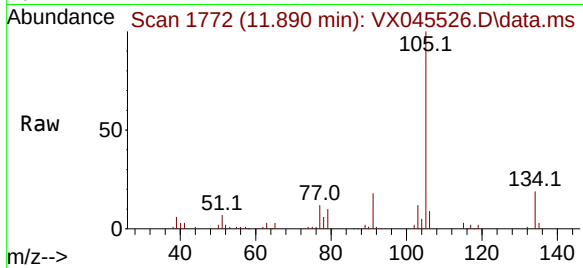




#85
 sec-Butylbenzene
 Concen: 4.753 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

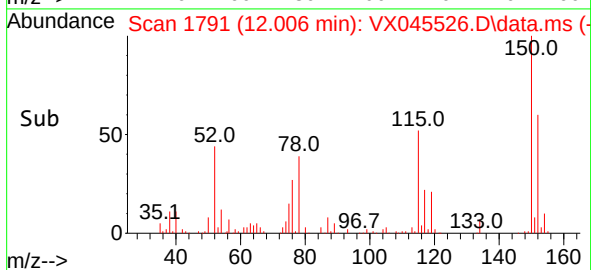
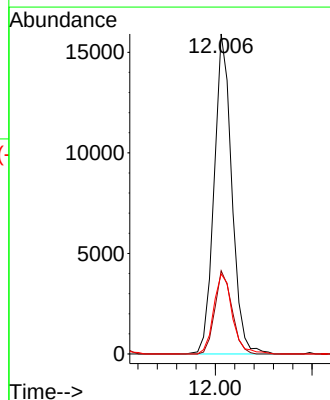
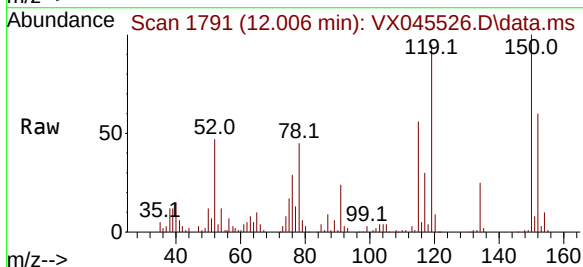
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

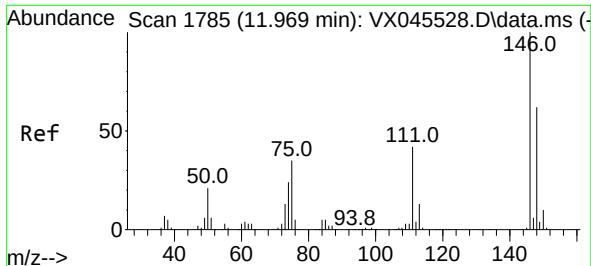
Tgt Ion:105 Resp: 24465
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 4.755 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

Tgt Ion:119 Resp: 20178
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 26.4 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 4.763 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

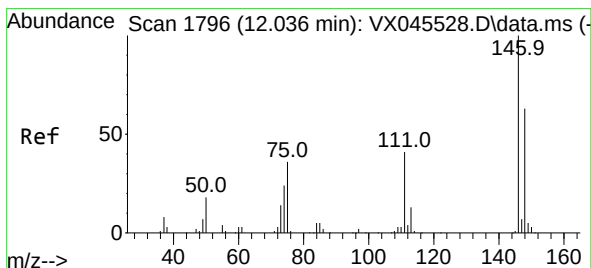
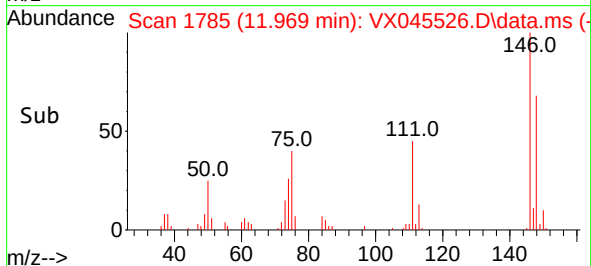
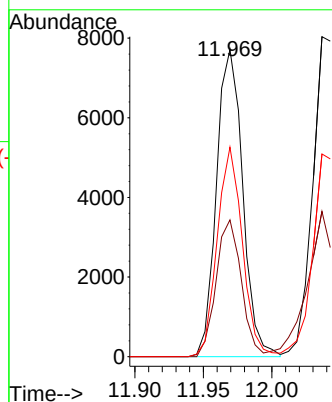
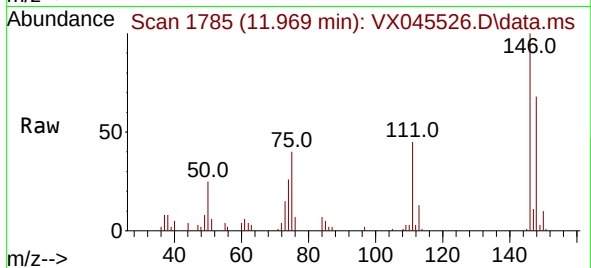
Tgt Ion:146 Resp: 10255

Ion Ratio Lower Upper

146 100

111 42.9 22.2 66.6

148 65.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 5.047 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

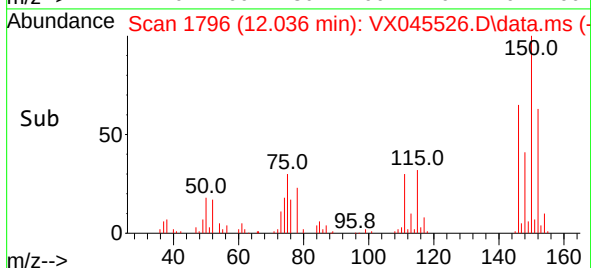
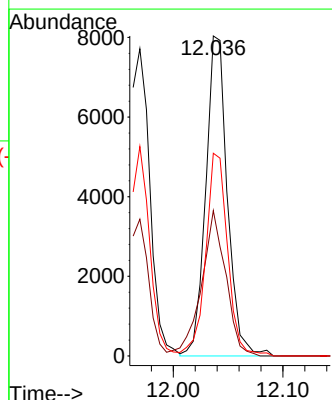
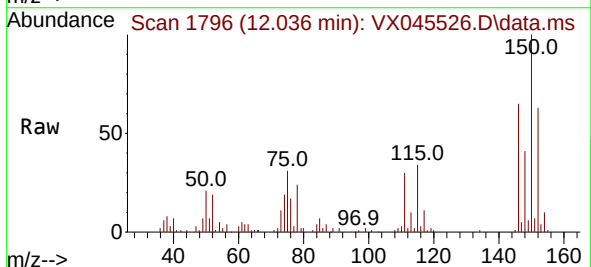
Tgt Ion:146 Resp: 11016

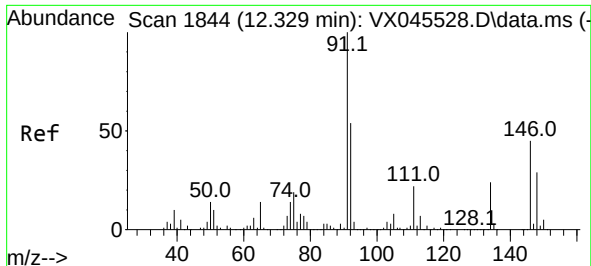
Ion Ratio Lower Upper

146 100

111 51.4 20.9 62.8

148 64.2 31.5 94.5

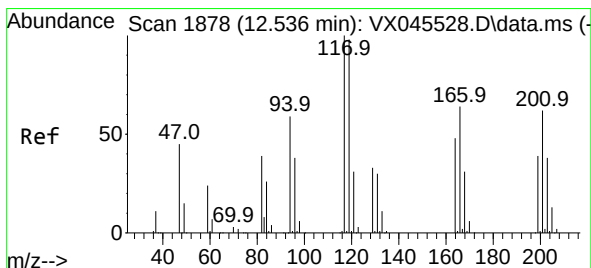
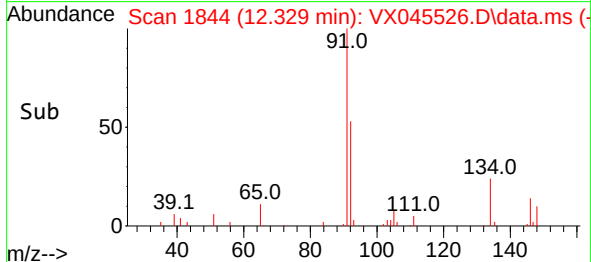
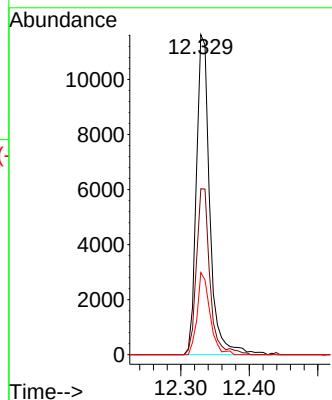
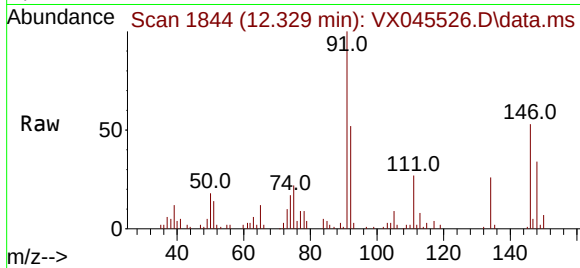




#89
n-Butylbenzene
Concen: 4.317 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

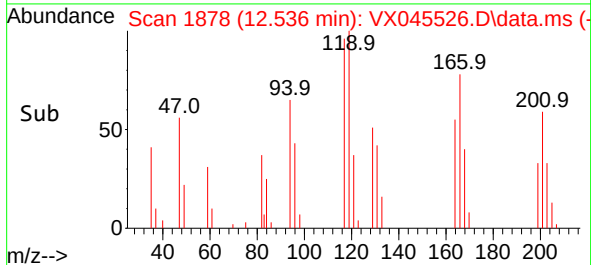
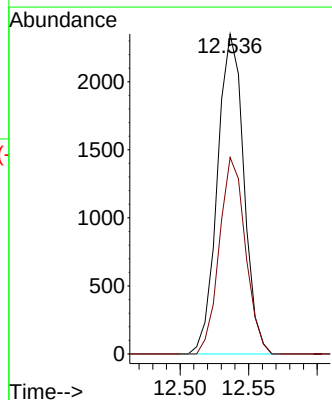
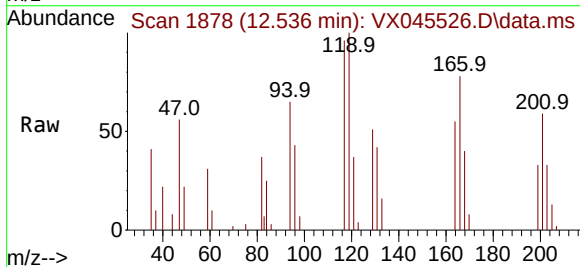
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

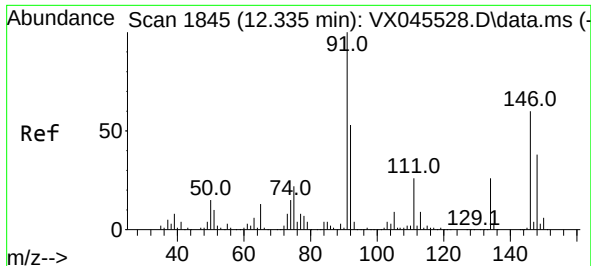
Tgt Ion: 91 Resp: 15887
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.6
134 24.4 11.9 35.7



#90
Hexachloroethane
Concen: 4.320 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 117 Resp: 3151
Ion Ratio Lower Upper
117 100
201 60.6 31.2 93.6

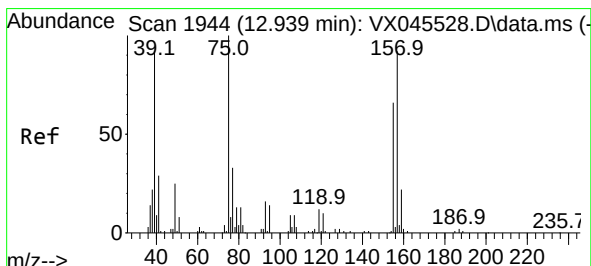
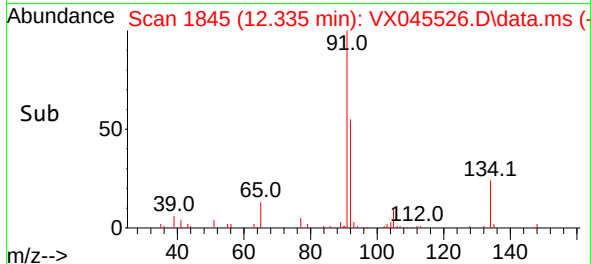
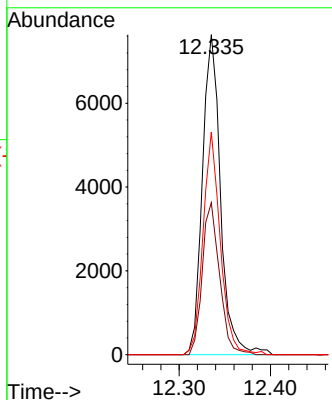
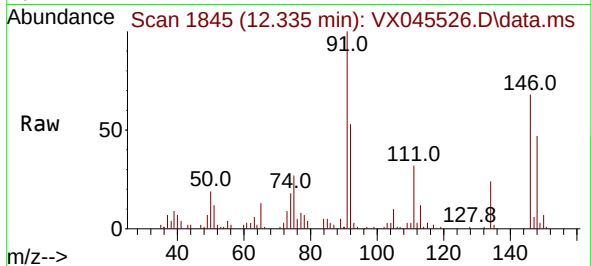




#91
 1,2-Dichlorobenzene
 Concen: 4.910 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

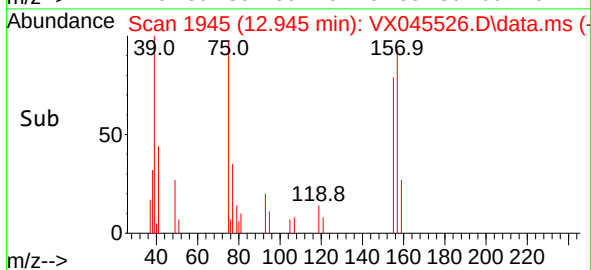
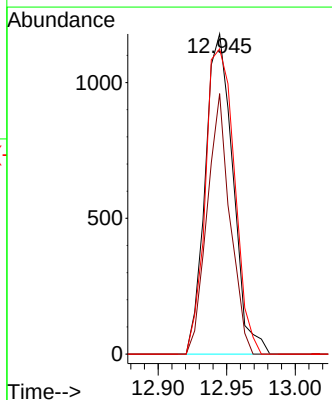
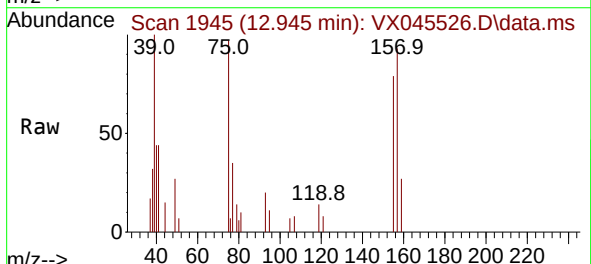
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

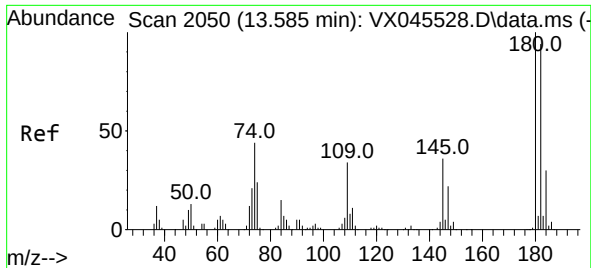
Tgt Ion:	146	Resp:	10510
Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.9	68.8
148	66.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.417 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

Tgt Ion:	75	Resp:	1661
Ion	Ratio	Lower	Upper
75	100		
155	67.3	34.9	104.7
157	100.4	44.9	134.7

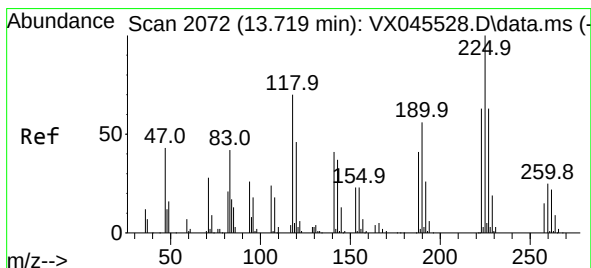
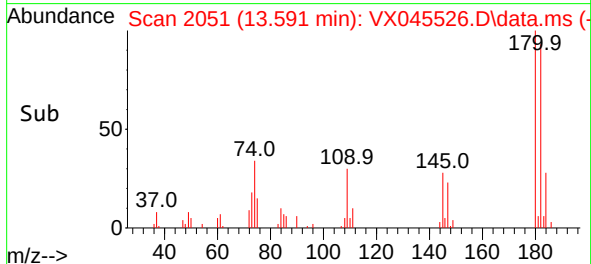
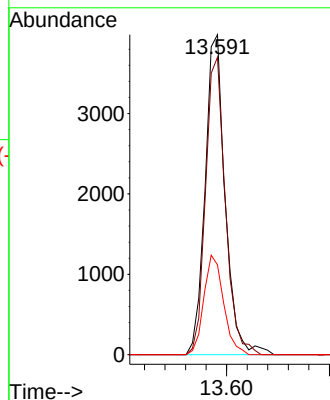
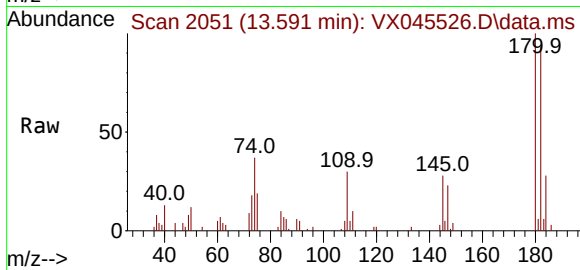




#93
1,2,4-Trichlorobenzene
Concen: 4.524 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

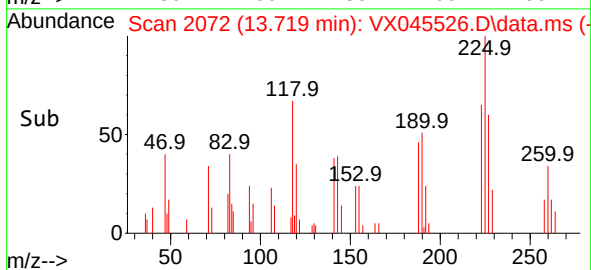
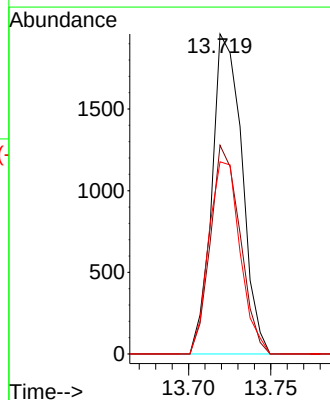
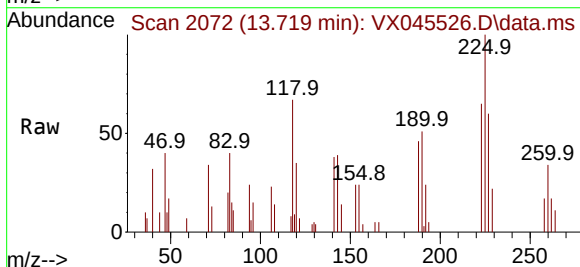
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

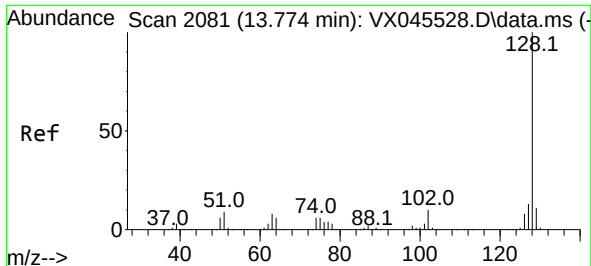
Tgt Ion:180 Resp: 5391
Ion Ratio Lower Upper
180 100
182 91.7 47.9 143.6
145 30.7 17.9 53.8



#94
Hexachlorobutadiene
Concen: 4.836 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:225 Resp: 2483
Ion Ratio Lower Upper
225 100
223 64.4 31.1 93.3
227 62.8 32.2 96.6

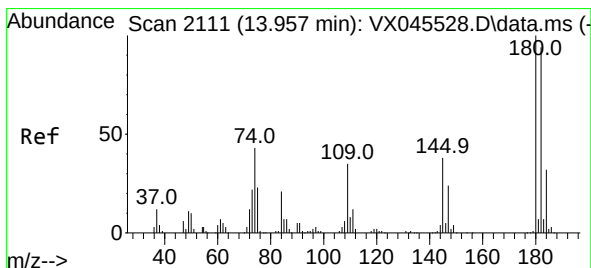
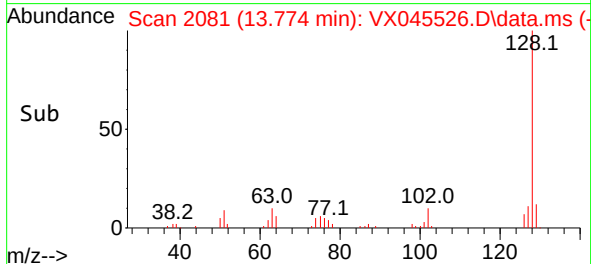
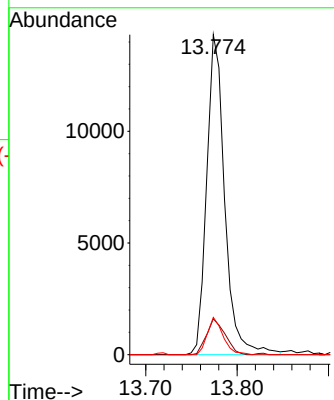
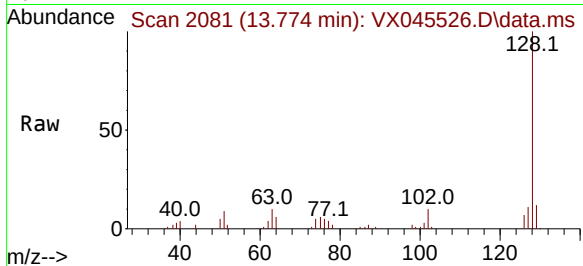




#95
Naphthalene
Concen: 4.424 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	19618
Ion	Ratio	Lower Upper
128	100	
127	11.5	10.3 15.5
129	10.2	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 4.692 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:180	Resp:	5854
Ion	Ratio	Lower Upper
180	100	
182	90.7	47.3 141.8
145	35.2	18.2 54.6

