

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX032825\
 Data File : WX045500.D
 Acq On : 28 Mar 2025 10:45
 Operator : JC/MD
 Sample : VSTD05069
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD05069

Quant Time: Mar 28 13:11:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 28 12:45:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	159375	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	142745	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	64162	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60902	50.765	ug/L	0.00
7) Chloroethane-d5	1.642	69	38269	83.969	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	31597	61.617	ug/L	0.00
21) 2-Butanone-d5	4.465	46	84370	164.506	ug/L	0.01
24) Chloroform-d	5.056	84	134884	63.984	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.946	65	91033	71.942	ug/L	0.00
32) Benzene-d6	5.971	84	240389	53.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	76258	53.979	ug/L	0.00
41) Toluene-d8	8.647	98	217186	54.979	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	32321	48.232	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	59220	141.639	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	100375	57.176	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	70222	55.934	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	88071	77.268	ug/L	100
3) Chloromethane	1.307	50	77116	54.873	ug/L	99
5) Vinyl chloride	1.374	62	72708	56.335	ug/L	98
6) Bromomethane	1.593	94	31897	91.312	ug/L	96
8) Chloroethane	1.666	64	37304	72.390	ug/L	97
9) Trichlorofluoromethane	1.874	101	100052	69.530	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	63413	59.904	ug/L	96
12) 1,1-Dichloroethene	2.307	96	56465	57.163	ug/L #	70
13) Acetone	2.386	43	71334	139.481	ug/L	93
14) Carbon disulfide	2.502	76	149347	49.373	ug/L	100
15) Methyl Acetate	2.703	43	77435	65.431	ug/L	95
16) Methylene chloride	2.782	84	66038	58.452	ug/L	92
17) trans-1,2-Dichloroethene	3.087	96	56998	55.161	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	199113	55.891	ug/L	96
19) 1,1-Dichloroethane	3.605	63	119536	59.164	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	66303	53.604	ug/L	96
22) 2-Butanone	4.562	43	111763	132.528	ug/L	91
23) Bromochloromethane	4.891	128	32847	53.846	ug/L	93
25) Chloroform	5.087	83	124741	60.852	ug/L	99
27) 1,2-Dichloroethane	6.080	62	108159	70.329	ug/L	95
29) Cyclohexane	5.458	56	115920	52.901	ug/L	95
30) 1,1,1-Trichloroethane	5.373	97	103438	57.275	ug/L	95
31) Carbon tetrachloride	5.672	117	88687	57.262	ug/L	99
33) Benzene	6.031	78	249806	53.102	ug/L	100
34) Trichloroethene	7.123	95	65962	55.100	ug/L	99
35) Methylcyclohexane	7.379	83	104871	51.206	ug/L	95
37) 1,2-Dichloropropane	7.428	63	66878	52.559	ug/L	100
38) Bromodichloromethane	7.818	83	91649	57.389	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	101656	49.209	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	214915	127.766	ug/L	93
42) Toluene	8.714	91	259208	53.706	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	93062	50.322	ug/L	98

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 Response via : Initial Calibration

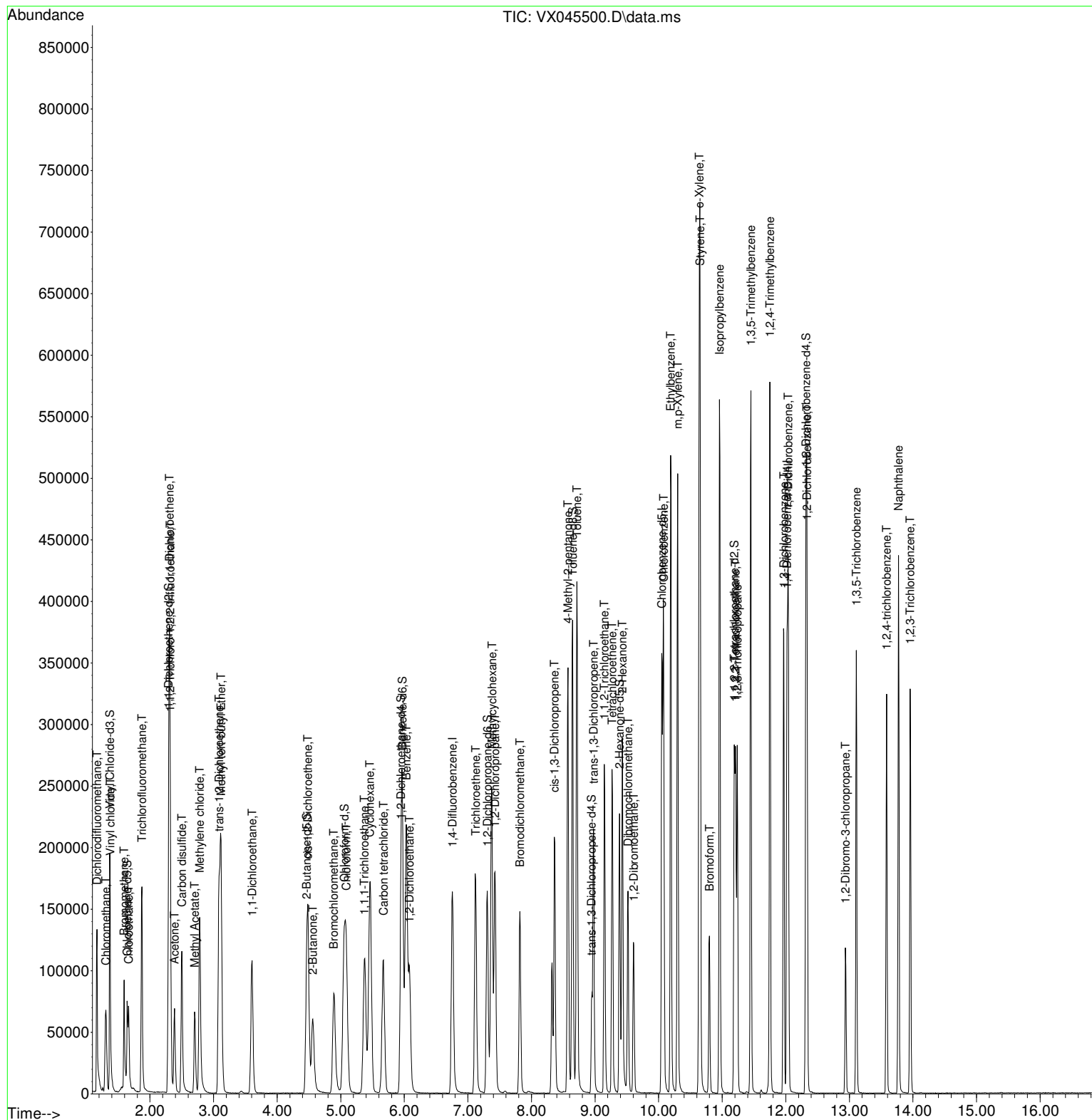
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	64560	54.357	ug/L	98
46) Tetrachloroethene	9.269	164	45672	53.725	ug/L	98
48) 2-Hexanone	9.427	43	162672	134.963	ug/L	94
49) Dibromochloromethane	9.519	129	65039	54.298	ug/L	97
50) 1,2-Dibromoethane	9.610	107	67138	53.934	ug/L #	97
51) Chlorobenzene	10.080	112	160353	53.220	ug/L	99
52) Ethylbenzene	10.189	91	292903	55.520	ug/L	97
53) m,p-Xylene	10.299	106	106961	54.005	ug/L	100
54) o-Xylene	10.640	106	104500	53.528	ug/L	90
55) Styrene	10.653	104	176737	54.852	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.207	83	100678	54.634	ug/L	99
59) Bromoform	10.799	173	42531	50.110	ug/L	99
60) Isopropylbenzene	10.957	105	282225	54.770	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	81964	57.862	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	235629	55.740	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	231908	55.388	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	111895	52.823	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	111586	52.920	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	112326	53.483	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	21987	56.964	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	71783	51.714	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	62073	49.603	ug/L	99
71) Naphthalene	13.774	128	244768	50.434	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	64858	51.112	ug/L	100

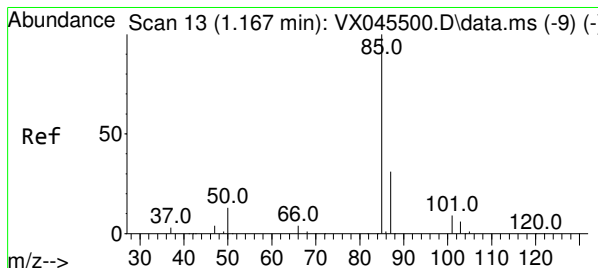
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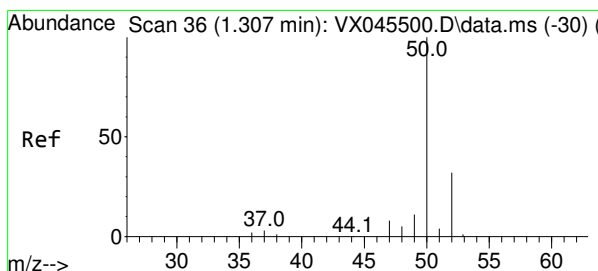
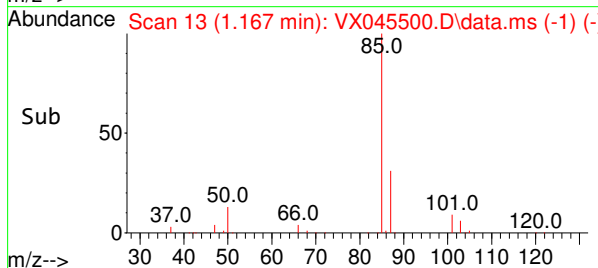
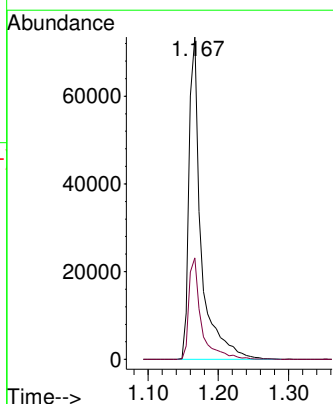
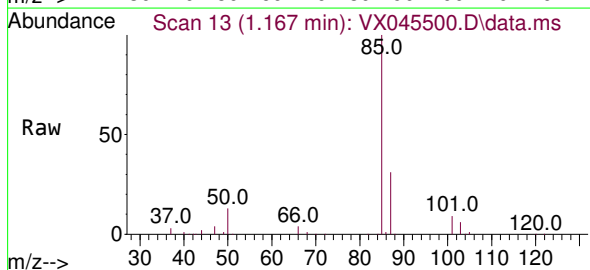




#2
Dichlorodifluoromethane
Concen: 77.268 ug/L
RT: 1.167 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

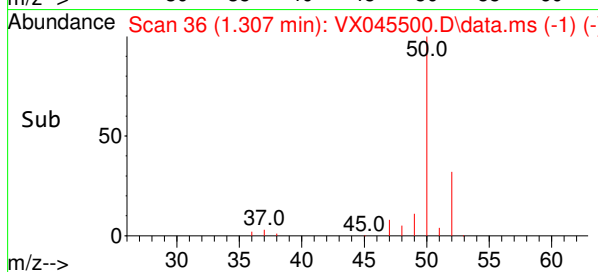
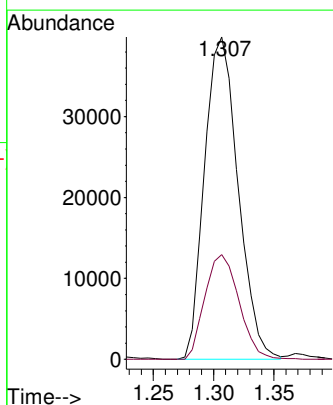
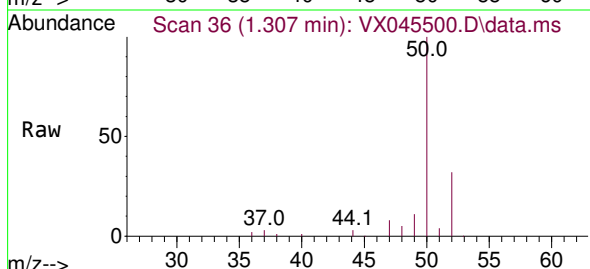
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

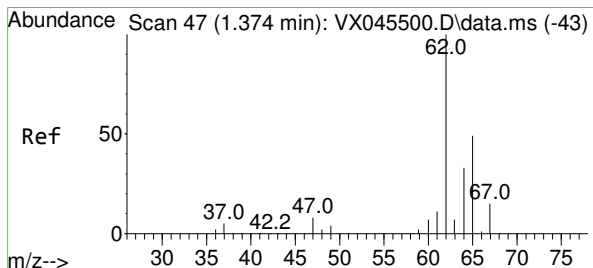
Tgt Ion: 85 Resp: 88071
Ion Ratio Lower Upper
85 100
87 32.3 25.9 38.9



#3
Chloromethane
Concen: 54.873 ug/L
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion: 50 Resp: 77116
Ion Ratio Lower Upper
50 100
52 32.5 23.3 43.3





#5

Vinyl chloride

Concen: 56.335 ug/L

RT: 1.374 min Scan# 4

Delta R.T. -0.000 min

Lab File: VX045500.D

Acq: 28 Mar 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

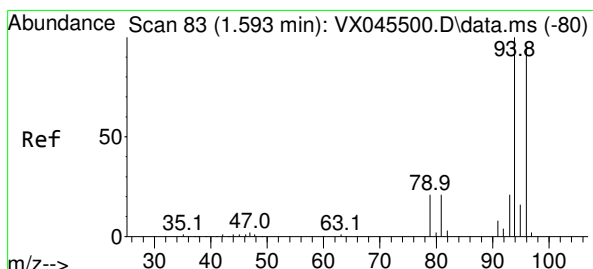
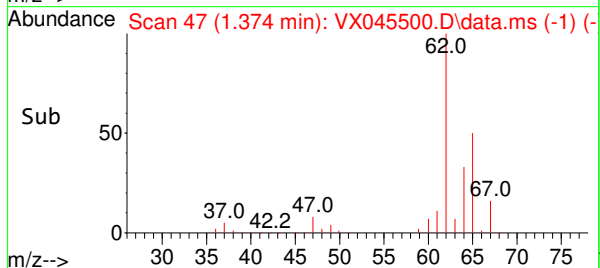
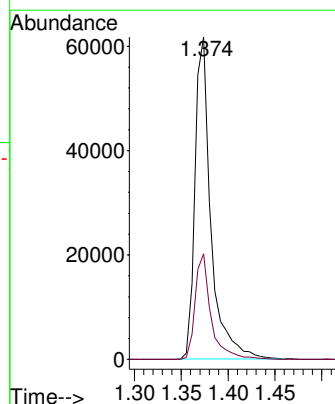
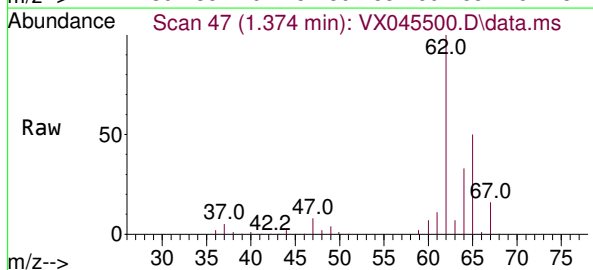
VSTD050669

Tgt Ion: 62 Resp: 72708

Ion Ratio Lower Upper

62 100

64 32.8 23.7 44.1



#6

Bromomethane

Concen: 91.312 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX045500.D

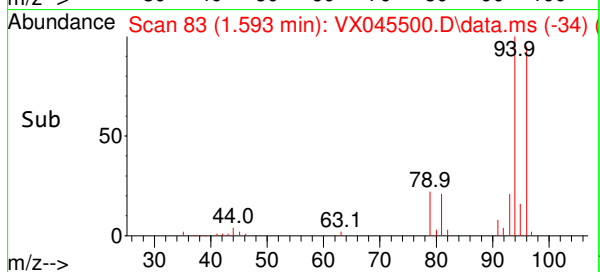
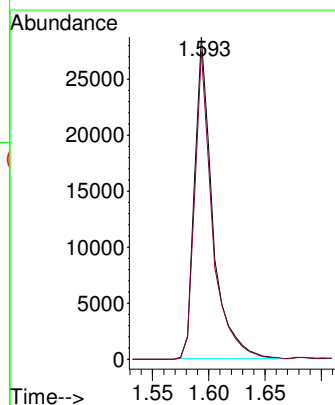
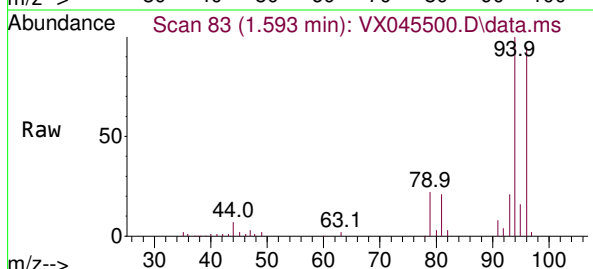
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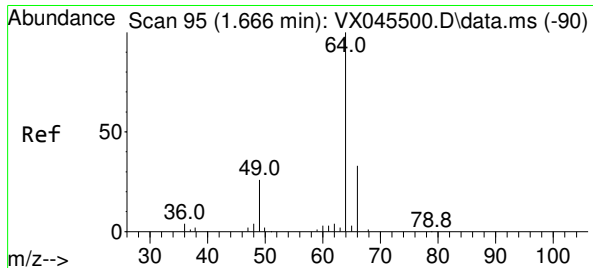
Tgt Ion: 94 Resp: 31897

Ion Ratio Lower Upper

94 100

96 95.5 64.3 119.3

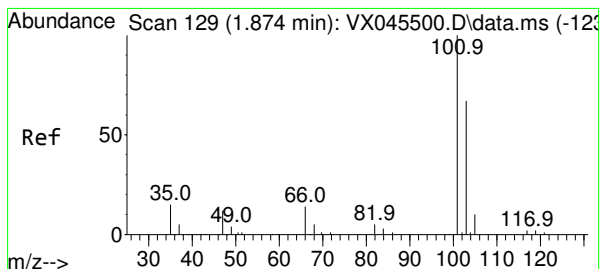
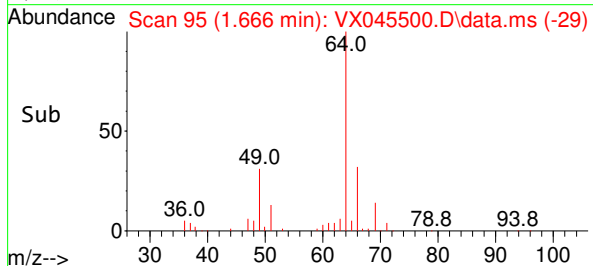
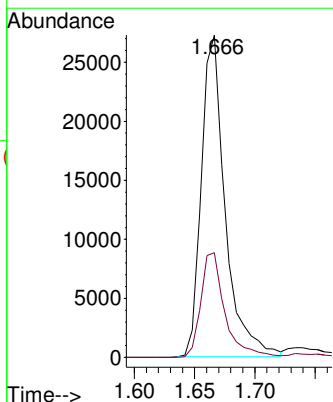
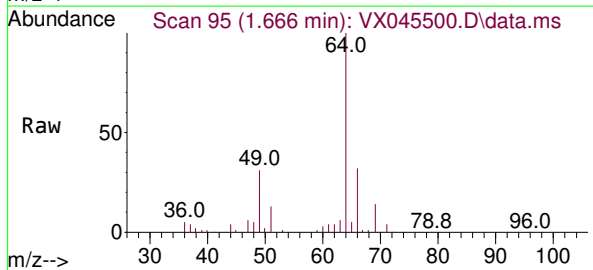




#8
Chloroethane
Concen: 72.390 ug/L
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

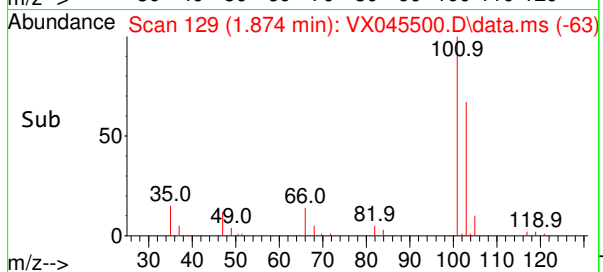
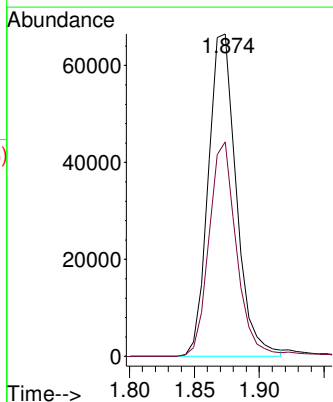
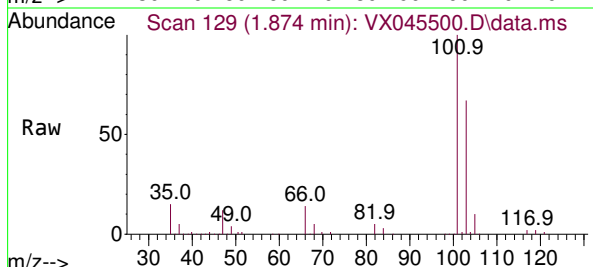
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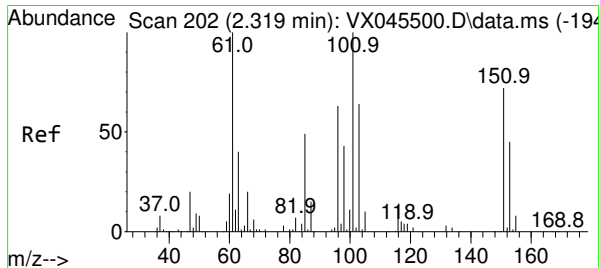
Tgt Ion: 64 Resp: 37304
Ion Ratio Lower Upper
64 100
66 32.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 69.530 ug/L
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion: 101 Resp: 100052
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2

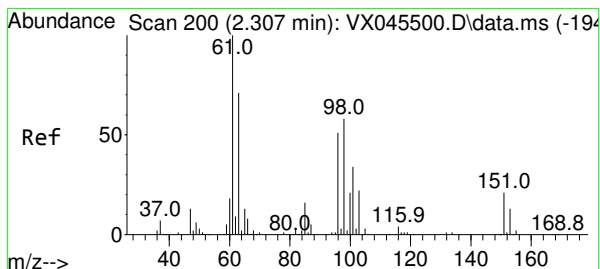
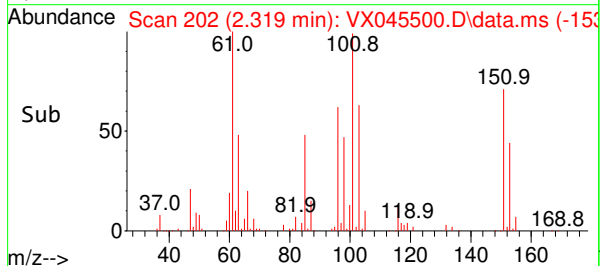
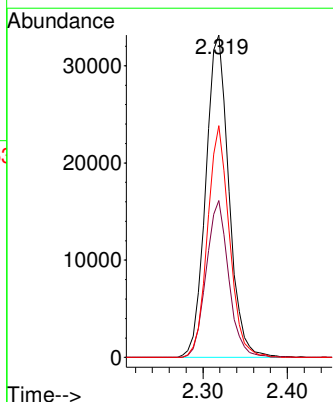
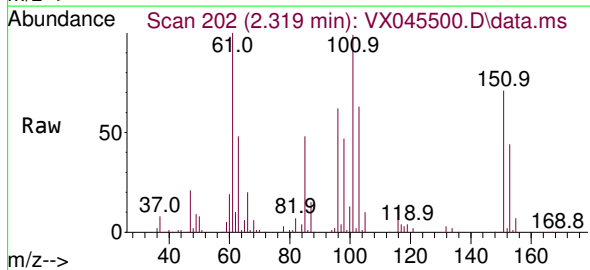




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 59.904 ug/L
 RT: 2.319 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX045500.D
 Acq: 28 Mar 2025 10:45

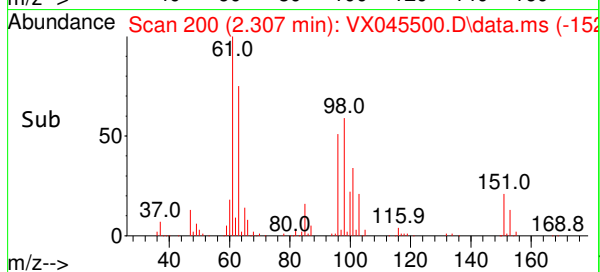
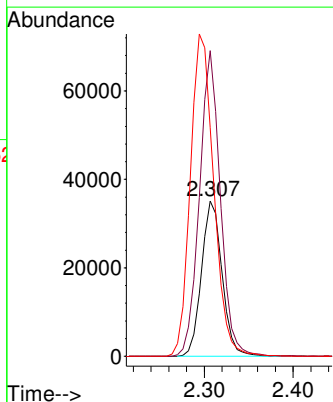
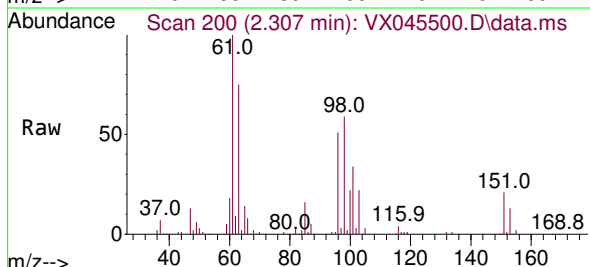
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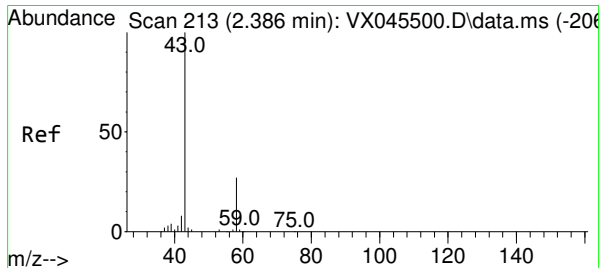
Tgt Ion:	101	Resp:	63413
Ion	Ratio	Lower	Upper
101	100		
85	47.2	35.4	53.0
151	67.9	57.0	85.4



#12
 1,1-Dichloroethene
 Concen: 57.163 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX045500.D
 Acq: 28 Mar 2025 10:45

Tgt Ion:	96	Resp:	56465
Ion	Ratio	Lower	Upper
96	100		
61	196.8	115.1	213.8
63	147.3	74.1	137.5#

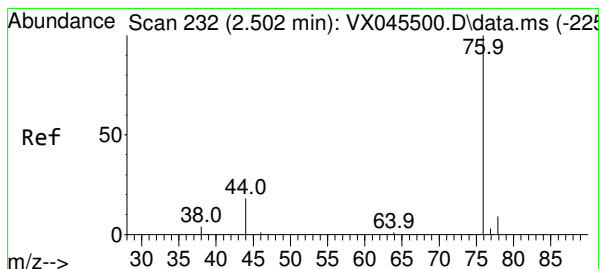
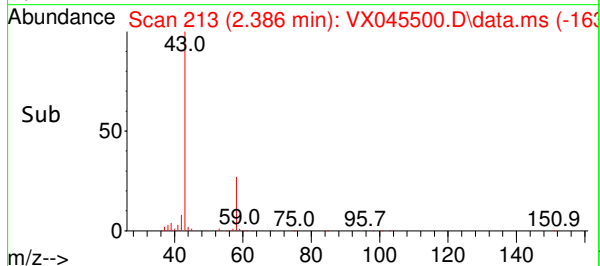
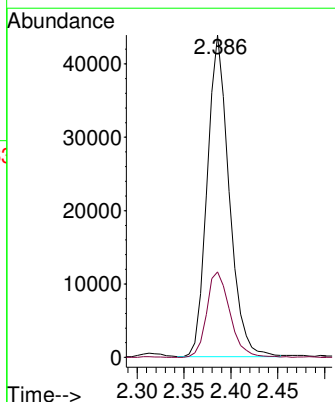
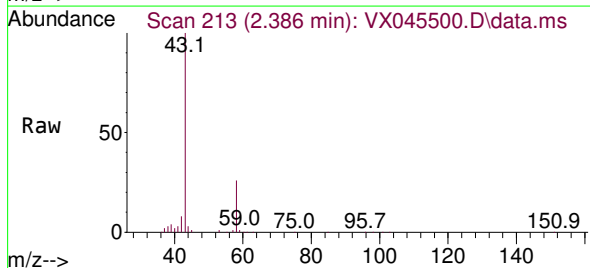




#13
Acetone
Concen: 139.481 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

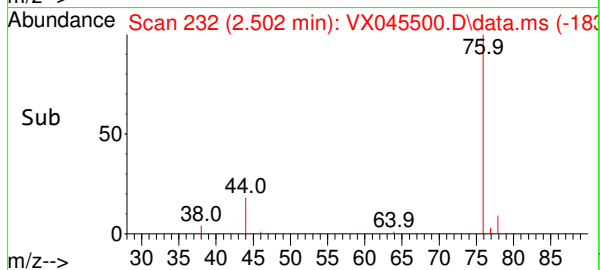
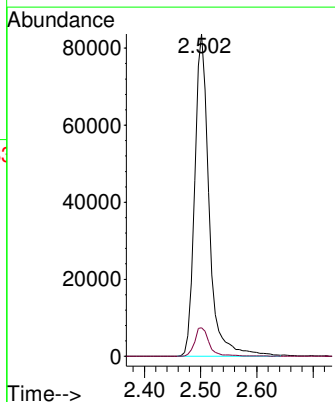
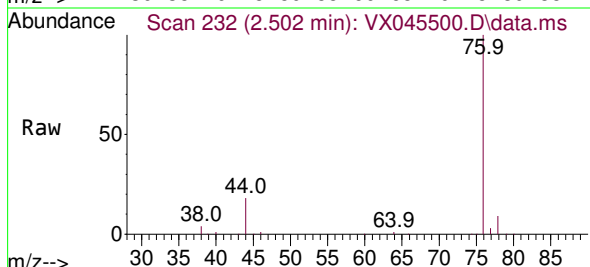
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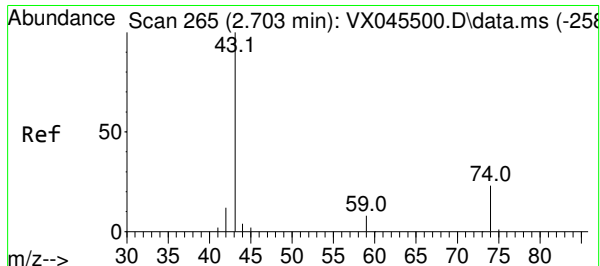
Tgt Ion: 43 Resp: 71334
Ion Ratio Lower Upper
43 100
58 28.2 0.0 64.6



#14
Carbon disulfide
Concen: 49.373 ug/L
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion: 76 Resp: 149347
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

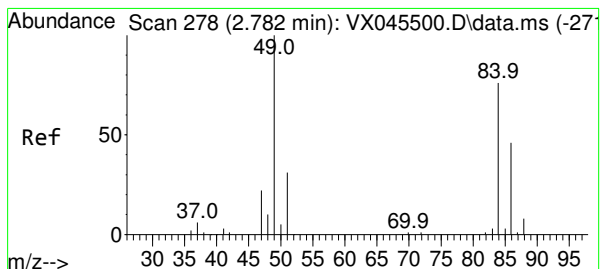
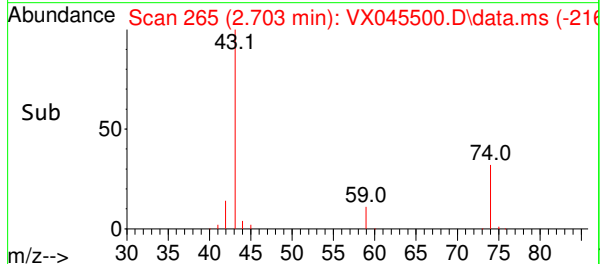
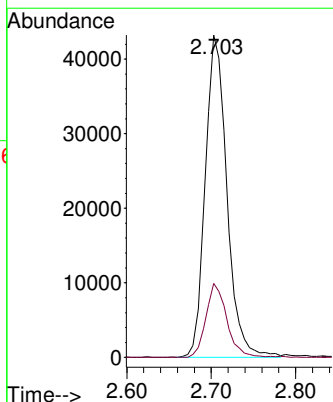
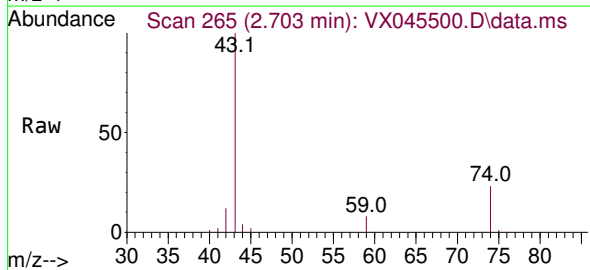




#15
Methyl Acetate
Concen: 65.431 ug/L
RT: 2.703 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

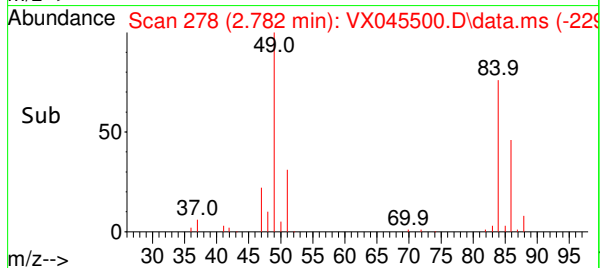
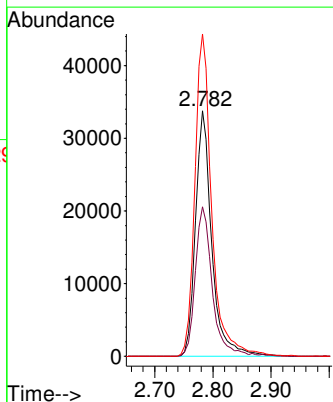
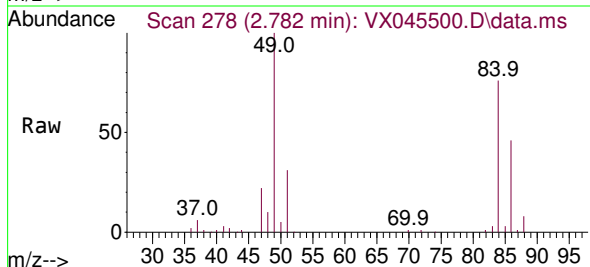
Instrument : MSVOA_X
ClientSampleId : VSTD050669

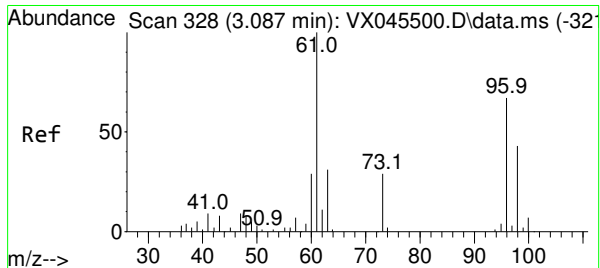
Tgt Ion: 43 Resp: 77435
Ion Ratio Lower Upper
43 100
74 22.1 19.7 29.5



#16
Methylene chloride
Concen: 58.452 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion: 84 Resp: 66038
Ion Ratio Lower Upper
84 100
86 60.8 45.6 84.8
49 131.3 84.6 157.0

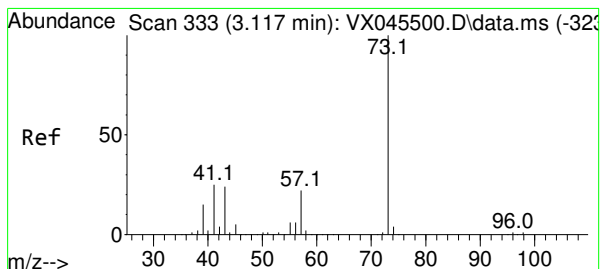
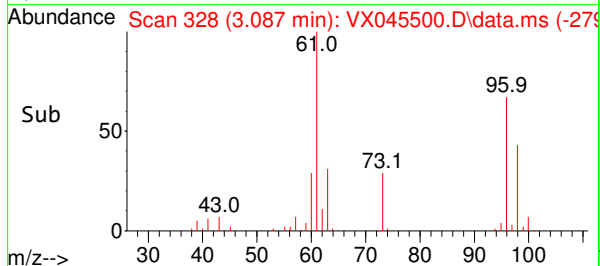
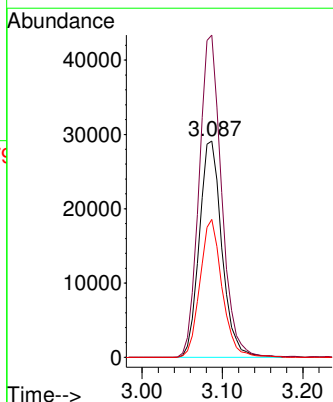
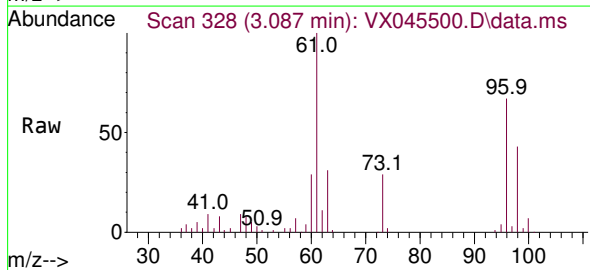




#17
trans-1,2-Dichloroethene
Concen: 55.161 ug/L
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

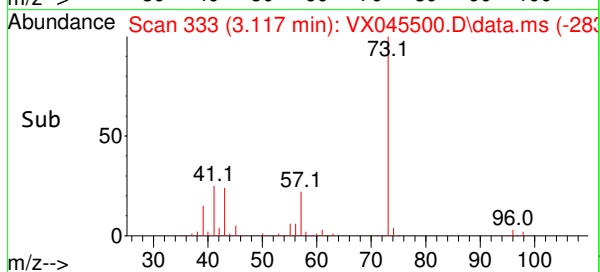
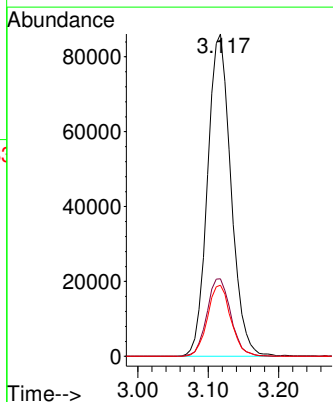
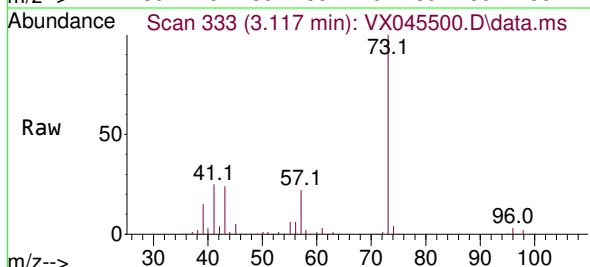
Instrument : MSVOA_X
ClientSampleId : VSTD050669

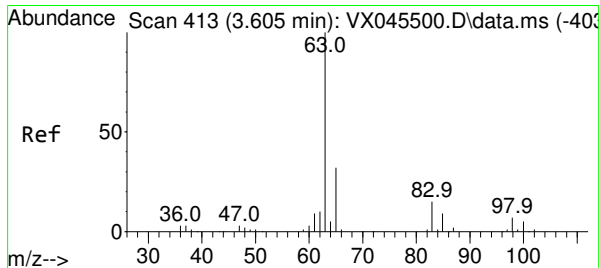
Tgt Ion:	96	Resp:	56998
Ion	Ratio	Lower	Upper
96	100		
61	149.0	98.3	182.7
98	63.8	44.1	81.9



#18
Methyl tert-butyl Ether
Concen: 55.891 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion:	73	Resp:	199113
Ion	Ratio	Lower	Upper
73	100		
43	24.6	16.9	25.3
57	22.0	17.4	26.0

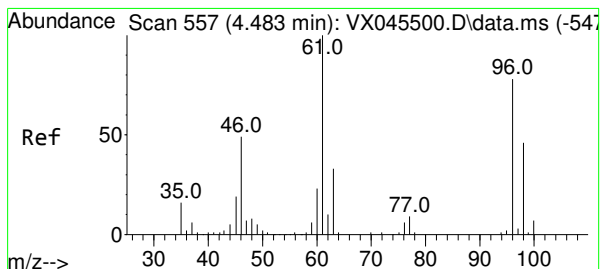
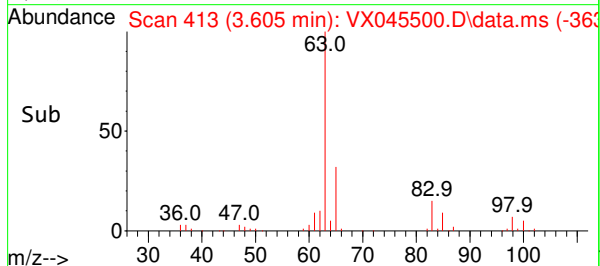
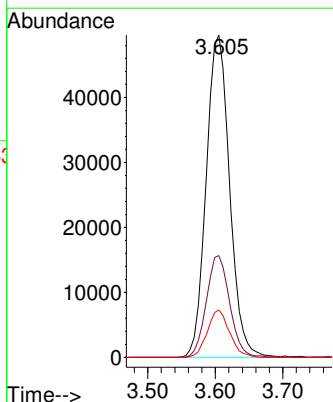
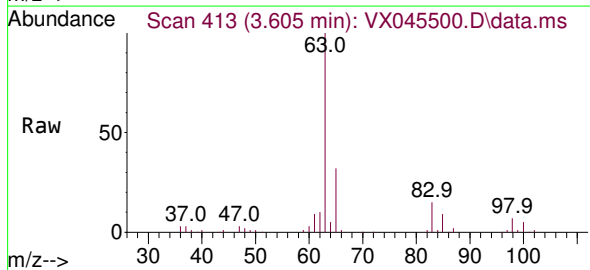




#19
1,1-Dichloroethane
Concen: 59.164 ug/L
RT: 3.605 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

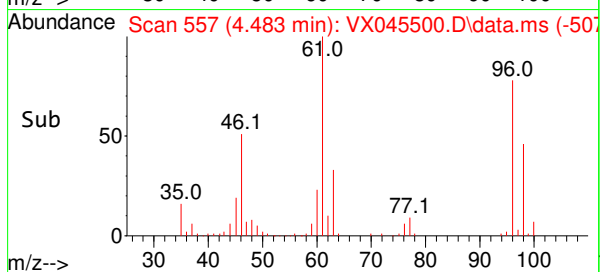
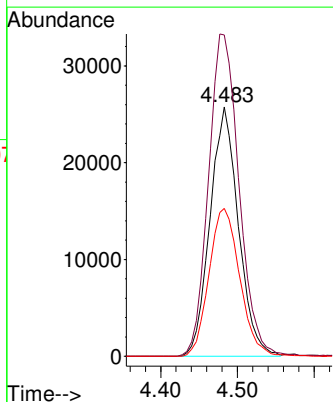
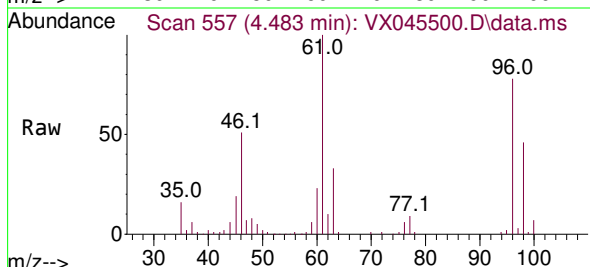
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

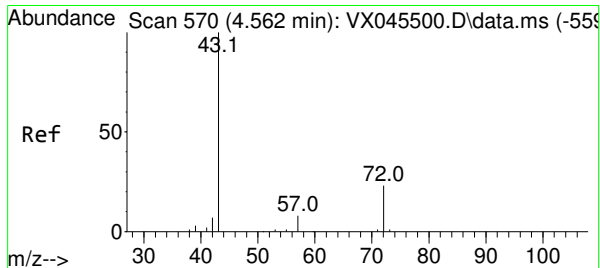
Tgt Ion:	63	Resp:	119536
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.8	40.6
83	14.7	9.4	17.4



#20
cis-1,2-Dichloroethene
Concen: 53.604 ug/L
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion:	96	Resp:	66303
Ion	Ratio	Lower	Upper
96	100		
61	129.0	88.3	163.9
98	59.4	44.6	82.8

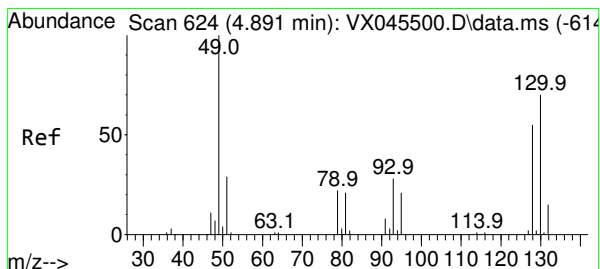
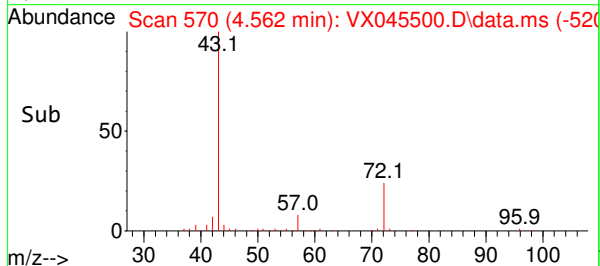
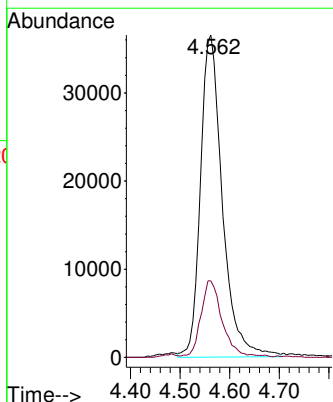
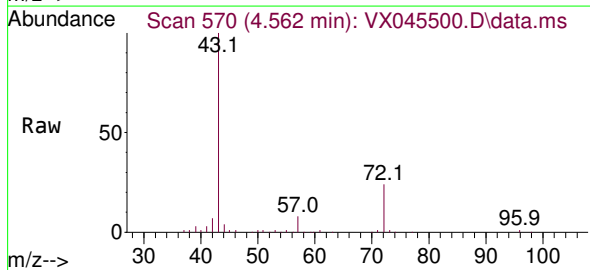




#22
2-Butanone
Concen: 132.528 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

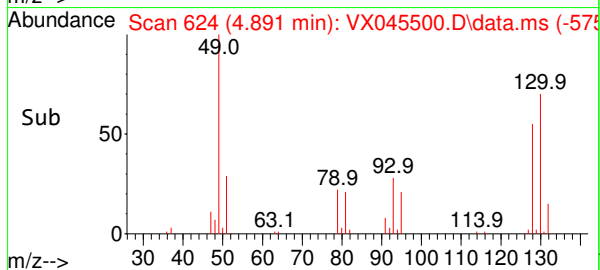
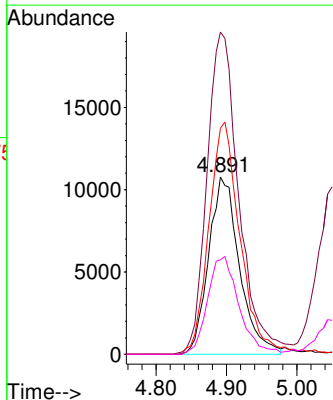
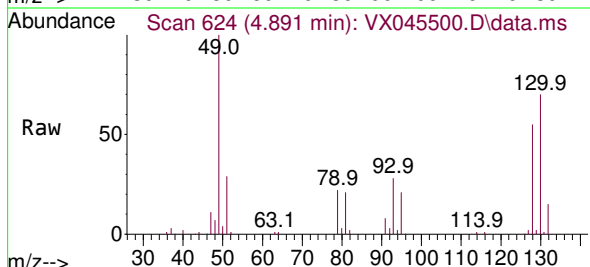
Instrument : MSVOA_X
ClientSampleId : VSTD050669

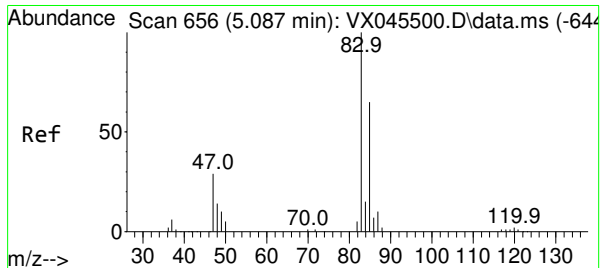
Tgt Ion: 43 Resp: 111763
Ion Ratio Lower Upper
43 100
72 22.0 13.4 40.2



#23
Bromochloromethane
Concen: 53.846 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion: 128 Resp: 32847
Ion Ratio Lower Upper
128 100
49 181.9 117.6 218.4
130 127.5 92.0 170.9
51 53.2 44.2 66.4

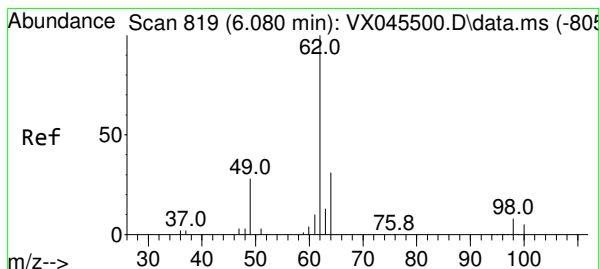
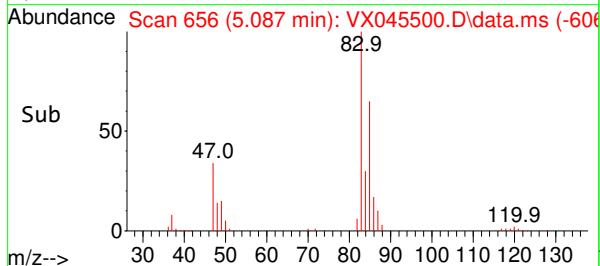
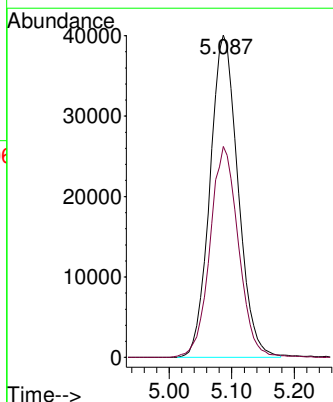
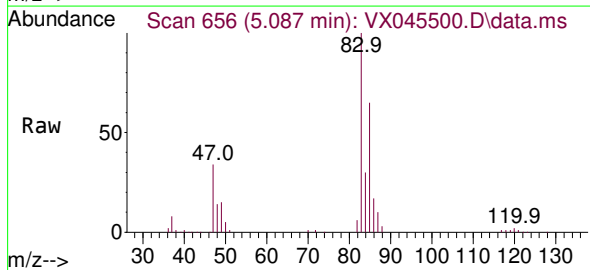




#25
Chloroform
Concen: 60.852 ug/L
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

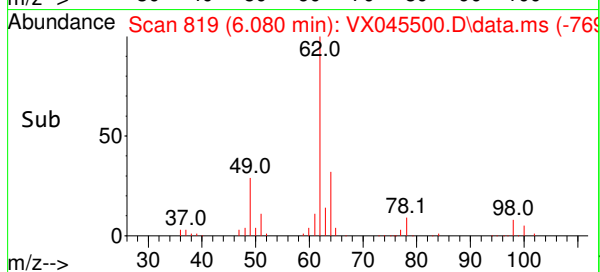
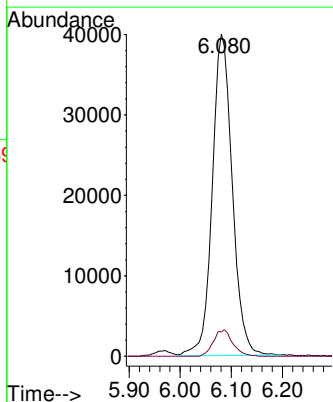
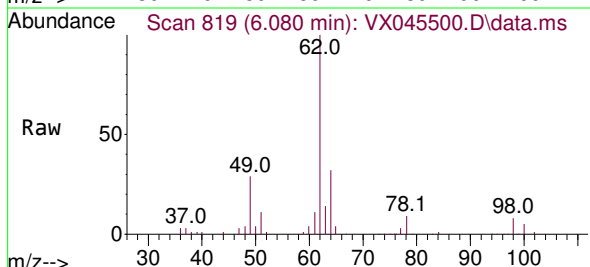
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

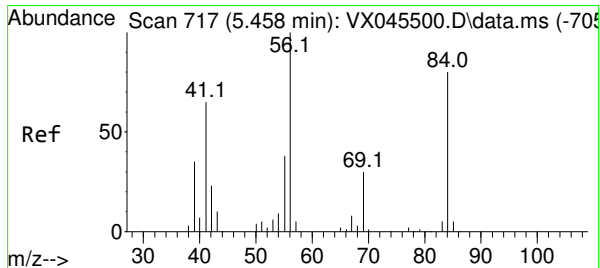
Tgt Ion: 83 Resp: 124741
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 70.329 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion: 62 Resp: 108159
Ion Ratio Lower Upper
62 100
98 7.6 7.4 11.2

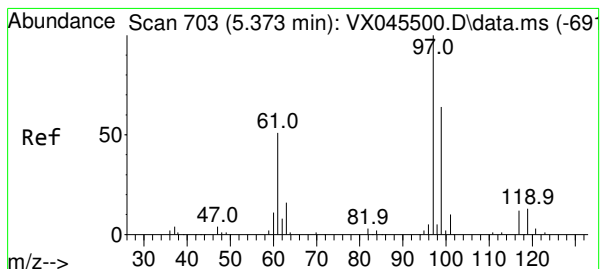
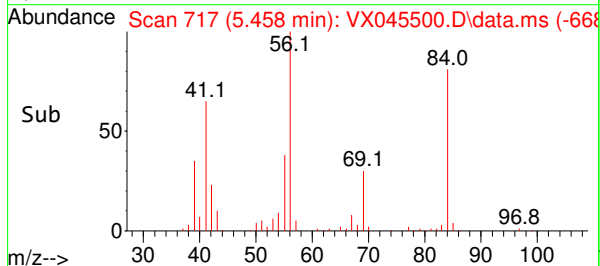
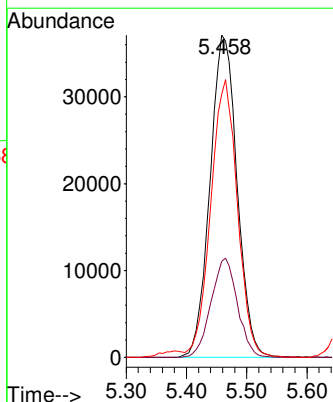
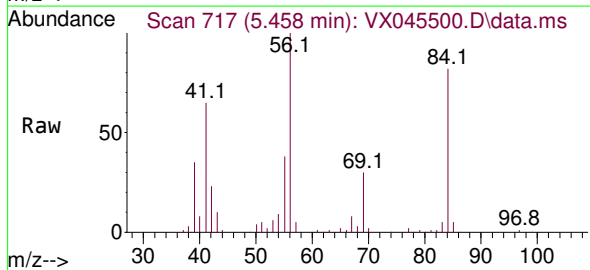




#29
Cyclohexane
Concen: 52.901 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

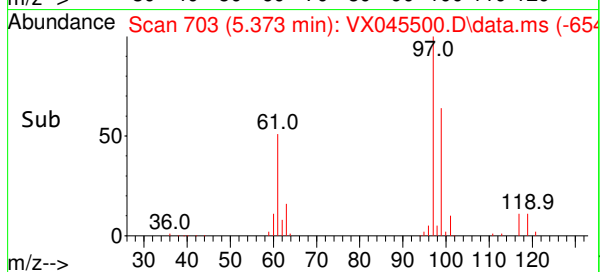
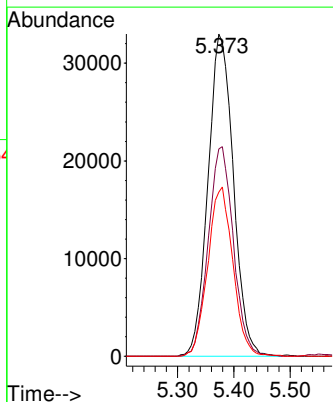
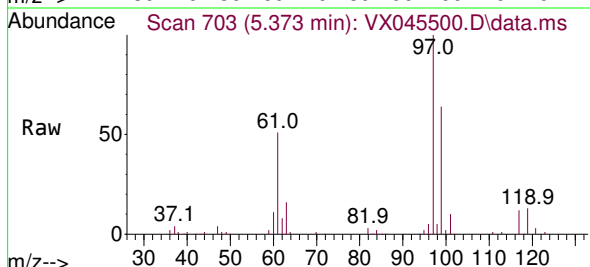
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

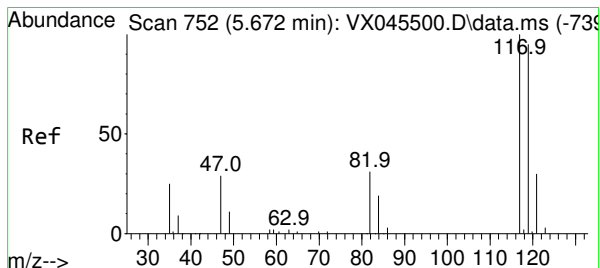
Tgt Ion: 56 Resp: 115920
Ion Ratio Lower Upper
56 100
69 30.0 25.4 38.2
84 84.8 71.6 107.4



#30
1,1,1-Trichloroethane
Concen: 57.275 ug/L
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion: 97 Resp: 103438
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 51.8 35.8 53.6

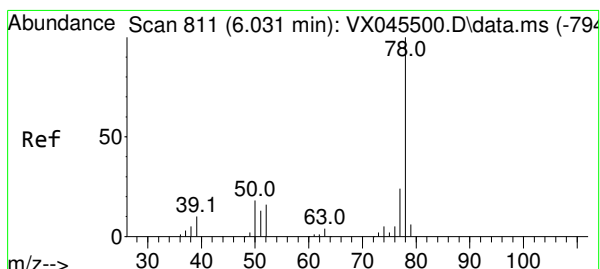
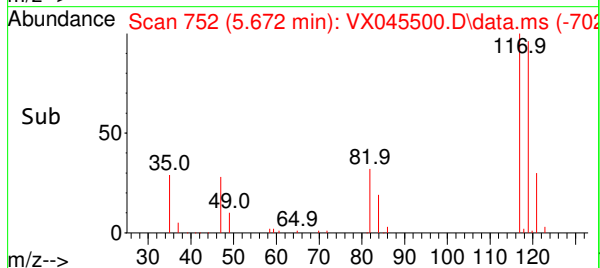
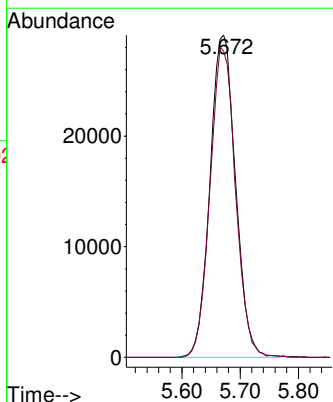
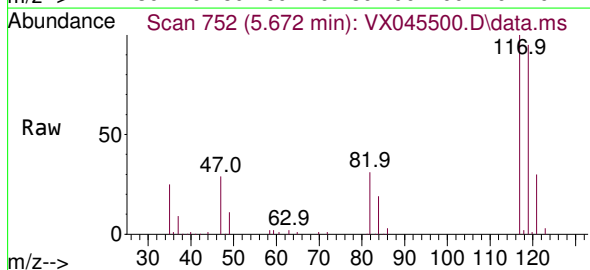




#31
Carbon tetrachloride
Concen: 57.262 ug/L
RT: 5.672 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

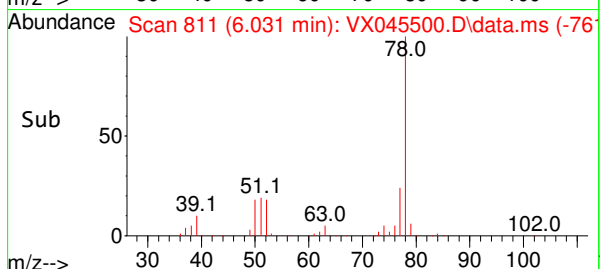
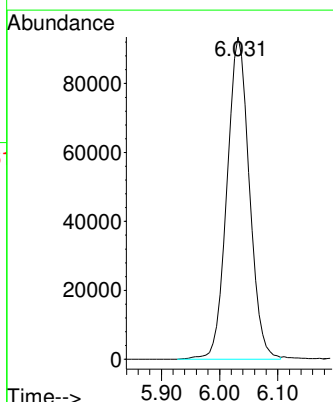
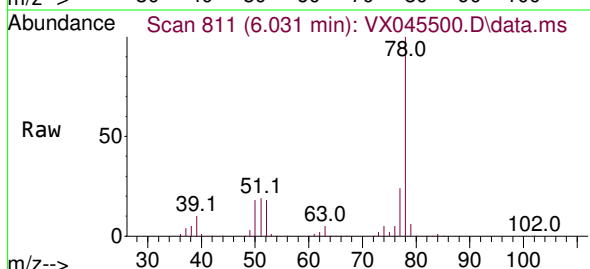
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

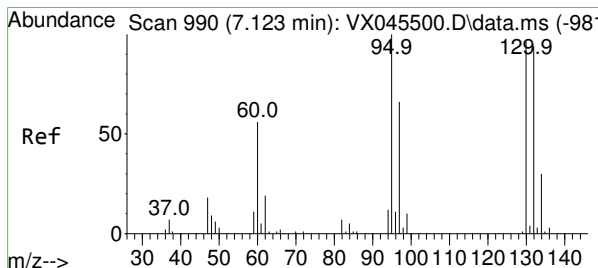
Tgt Ion:117 Resp: 88687
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7



#33
Benzene
Concen: 53.102 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion: 78 Resp: 249806

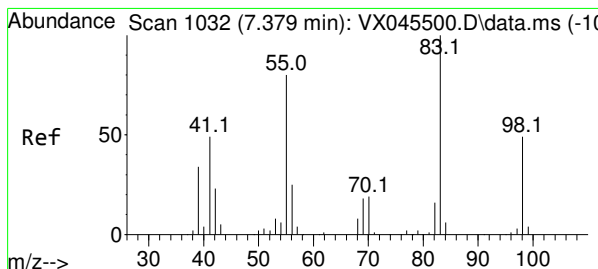
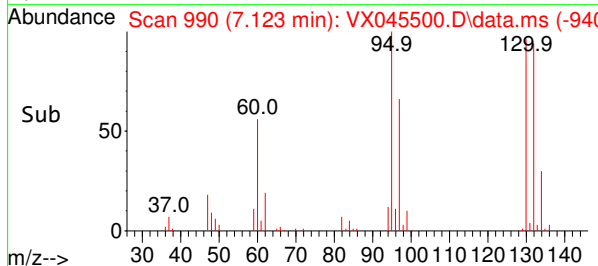
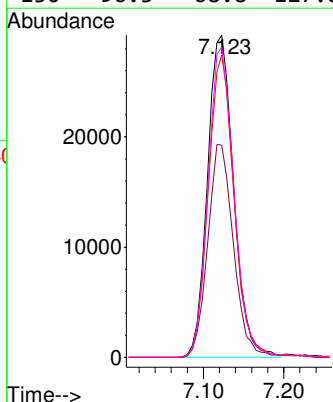
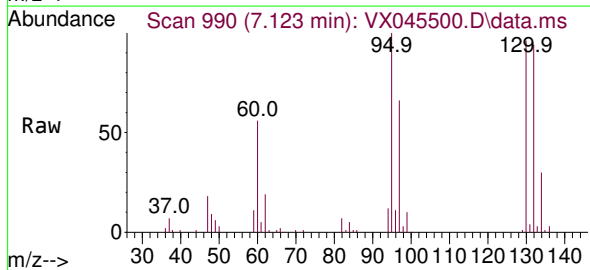




#34
Trichloroethene
Concen: 55.100 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

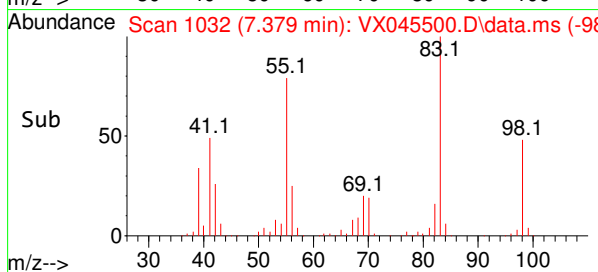
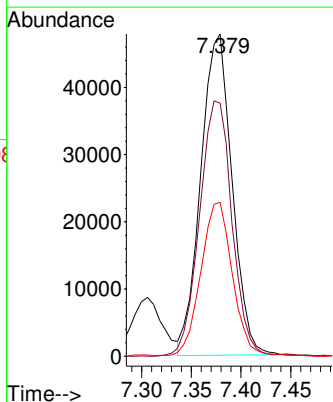
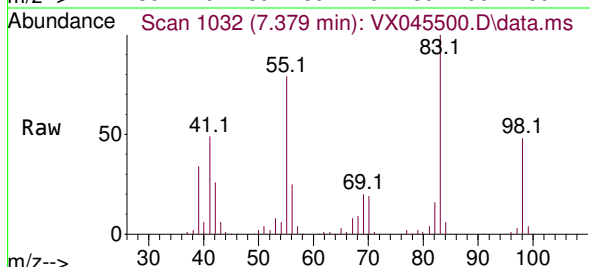
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

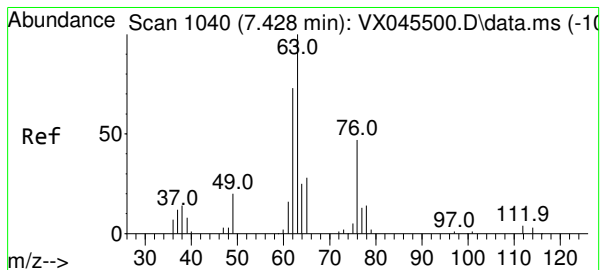
Tgt Ion:	95	Resp:	65962
Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.1	85.5
132	93.8	64.5	119.9
130	96.3	68.8	127.8



#35
Methylcyclohexane
Concen: 51.206 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion:	83	Resp:	104871
Ion	Ratio	Lower	Upper
83	100		
55	82.6	60.6	90.8
98	48.7	38.9	58.3

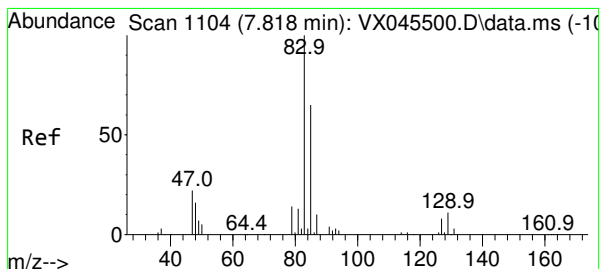
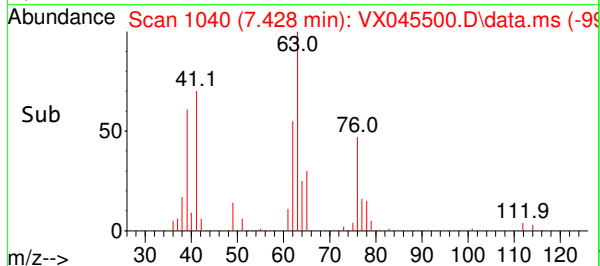
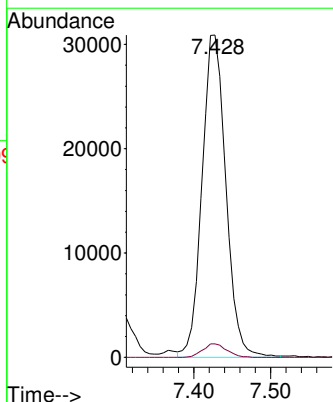
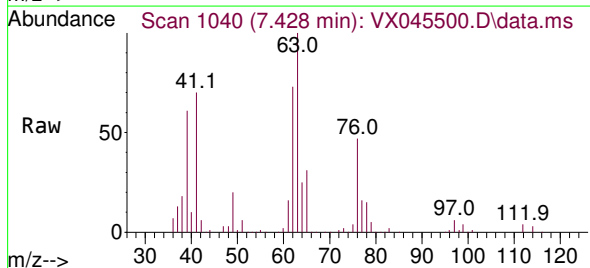




#37
 1,2-Dichloropropane
 Concen: 52.559 ug/L
 RT: 7.428 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX045500.D
 Acq: 28 Mar 2025 10:45

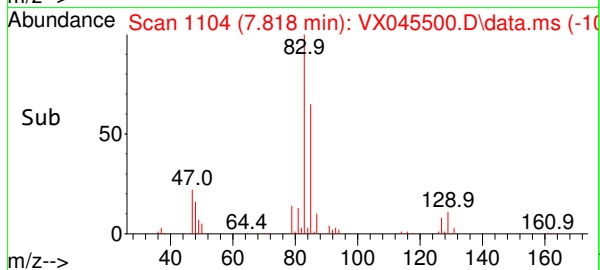
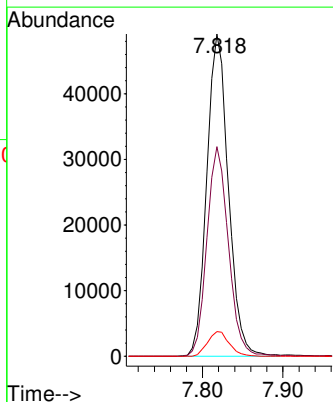
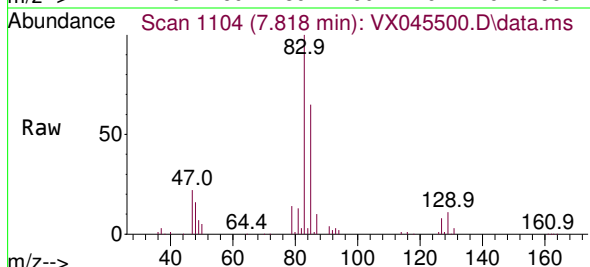
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050669

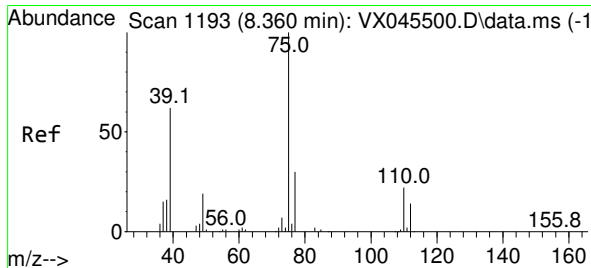
Tgt Ion: 63 Resp: 66878
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.5 5.3



#38
 Bromodichloromethane
 Concen: 57.389 ug/L
 RT: 7.818 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: VX045500.D
 Acq: 28 Mar 2025 10:45

Tgt Ion: 83 Resp: 91649
 Ion Ratio Lower Upper
 83 100
 85 65.0 43.8 81.3
 127 7.7 6.5 9.7

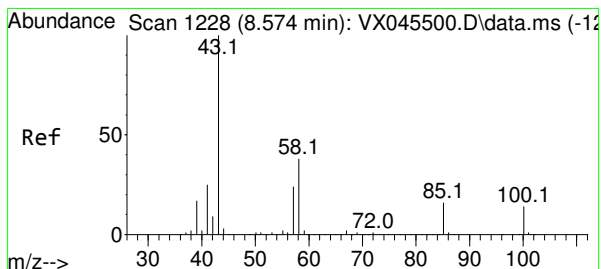
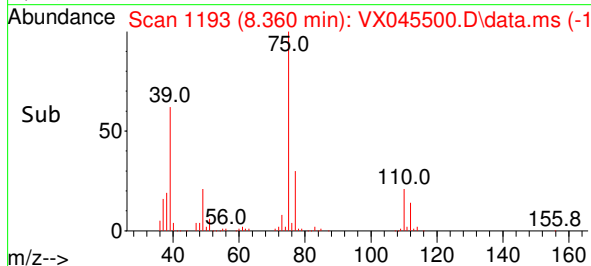
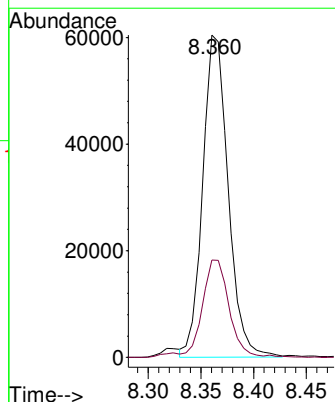
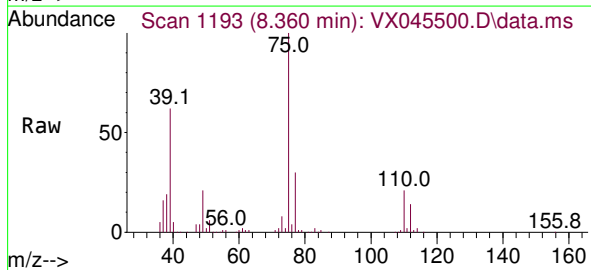




#39
 cis-1,3-Dichloropropene
 Concen: 49.209 ug/L
 RT: 8.360 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045500.D
 Acq: 28 Mar 2025 10:45

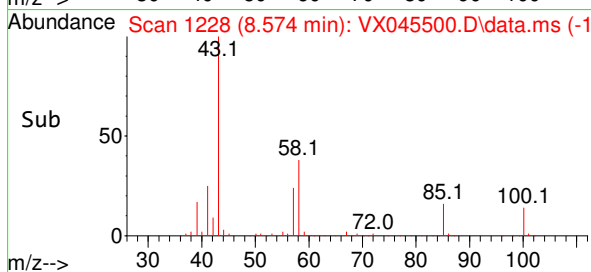
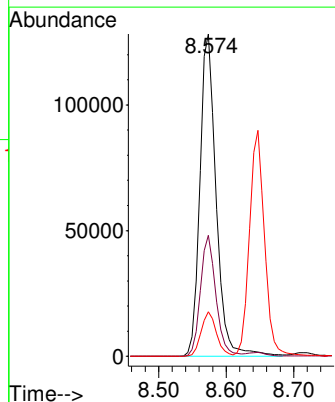
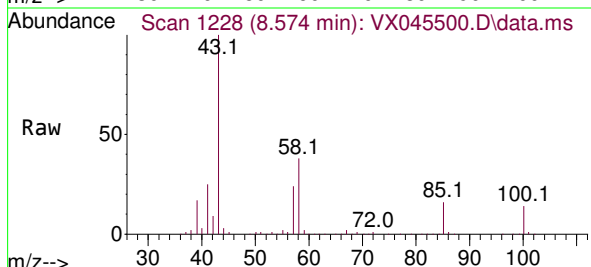
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050669

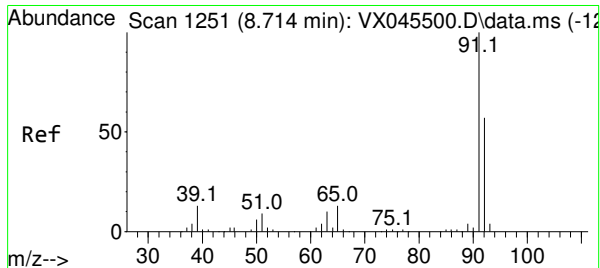
Tgt Ion: 75 Resp: 101656
 Ion Ratio Lower Upper
 75 100
 77 30.2 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 127.766 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.006 min
 Lab File: VX045500.D
 Acq: 28 Mar 2025 10:45

Tgt Ion: 43 Resp: 214915
 Ion Ratio Lower Upper
 43 100
 58 35.6 32.1 48.1
 100 13.1 12.9 19.3

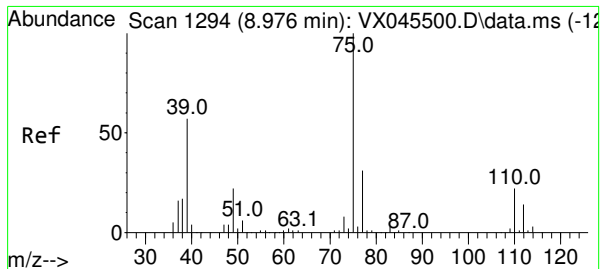
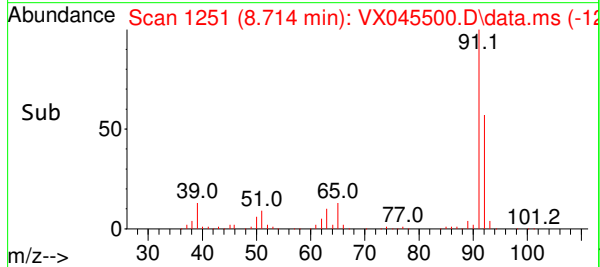
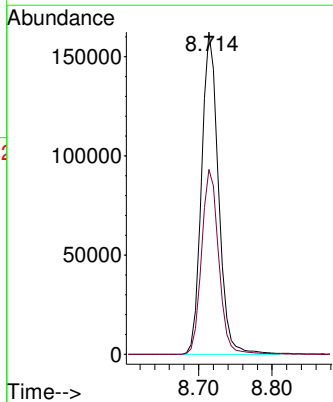
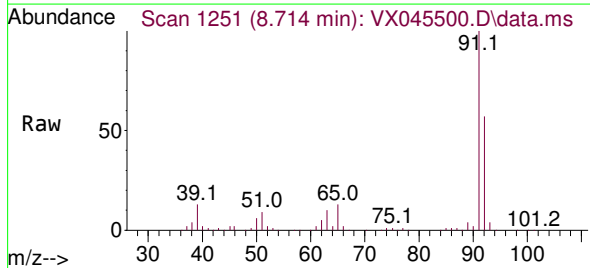




#42
Toluene
Concen: 53.706 ug/L
RT: 8.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

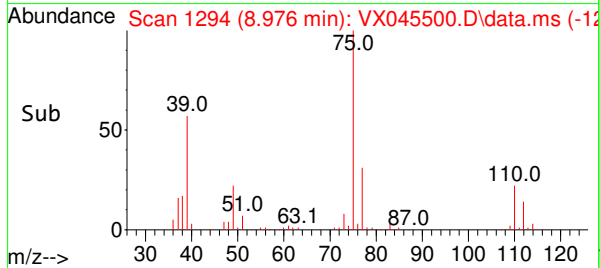
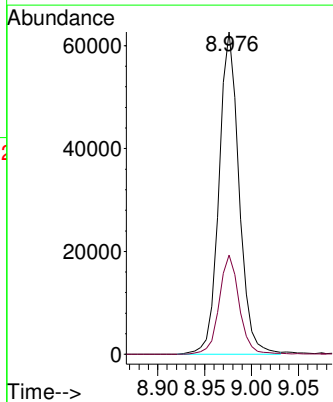
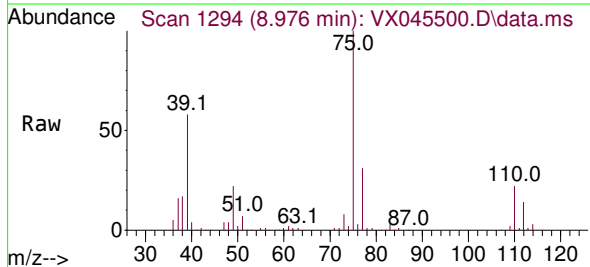
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

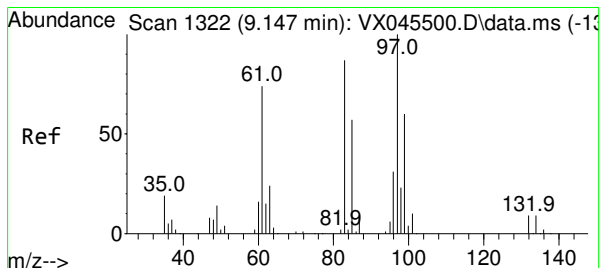
Tgt Ion: 91 Resp: 259208
Ion Ratio Lower Upper
91 100
92 57.3 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 50.322 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion: 75 Resp: 93062
Ion Ratio Lower Upper
75 100
77 30.8 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 54.357 ug/L

RT: 9.147 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045500.D

Acq: 28 Mar 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD050669

Tgt Ion: 97 Resp: 64560

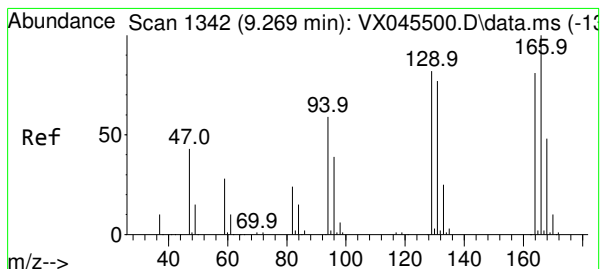
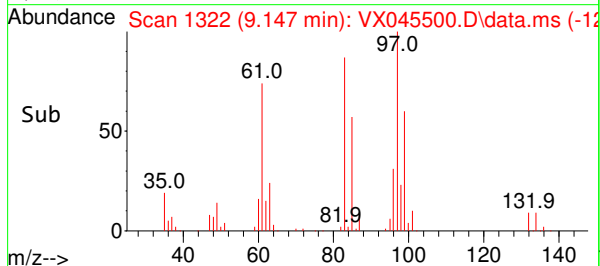
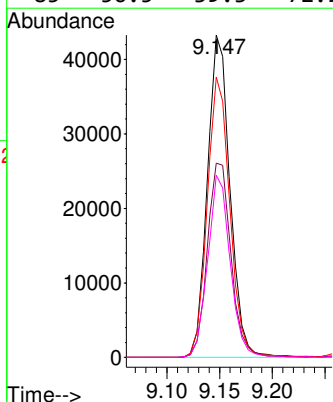
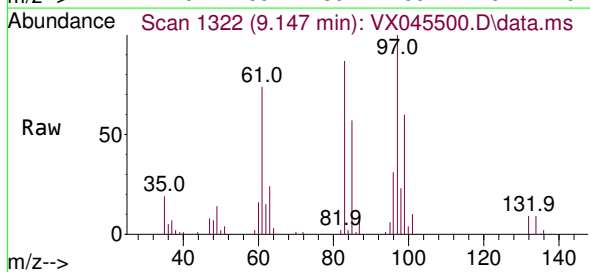
Ion Ratio Lower Upper

97 100

99 60.2 44.8 83.2

83 86.9 60.8 113.0

85 56.5 39.3 72.9



#46

Tetrachloroethene

Concen: 53.725 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045500.D

Acq: 28 Mar 2025 10:45

Tgt Ion:164 Resp: 45672

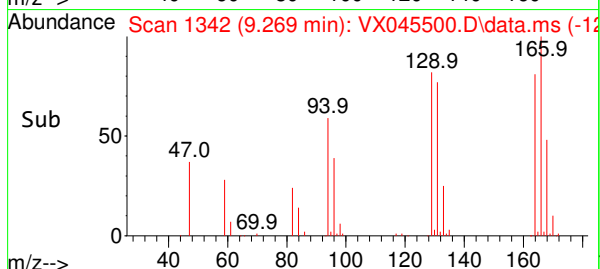
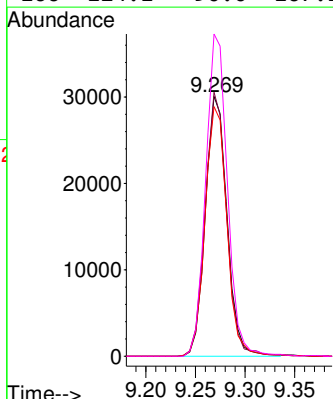
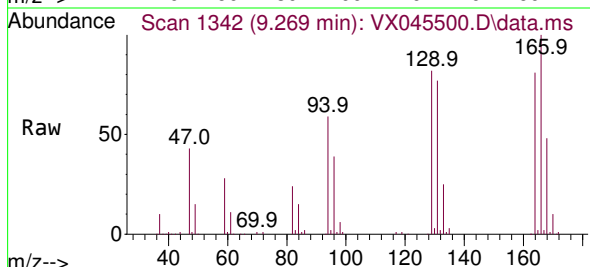
Ion Ratio Lower Upper

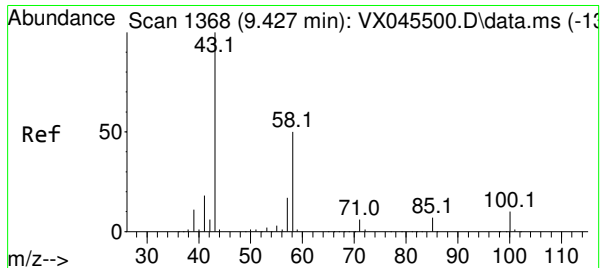
164 100

129 101.6 71.2 132.2

131 96.1 67.2 124.8

166 124.1 90.0 167.2

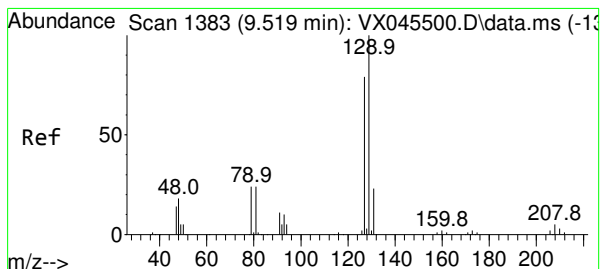
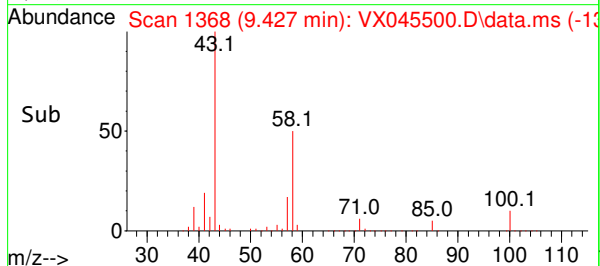
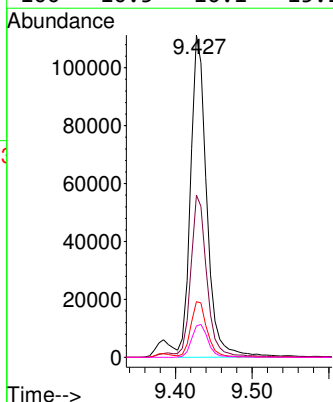
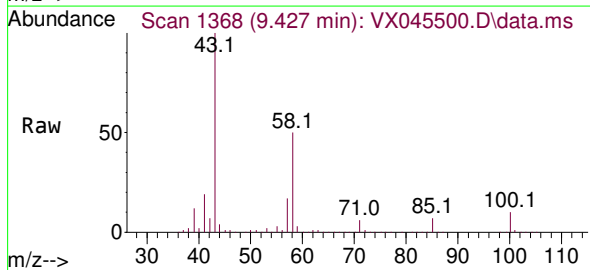




#48
2-Hexanone
Concen: 134.963 ug/L
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

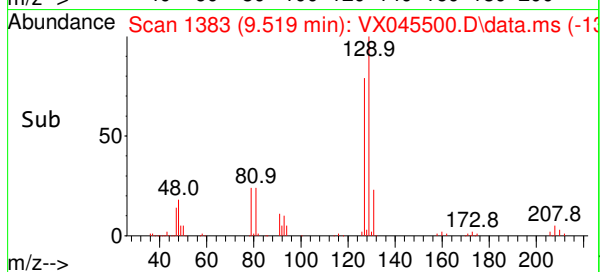
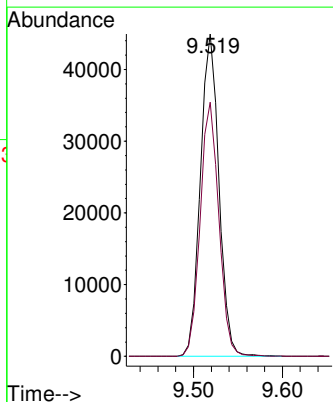
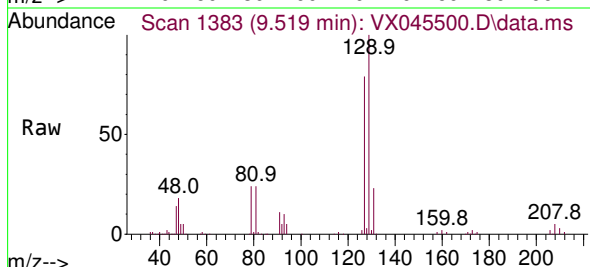
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

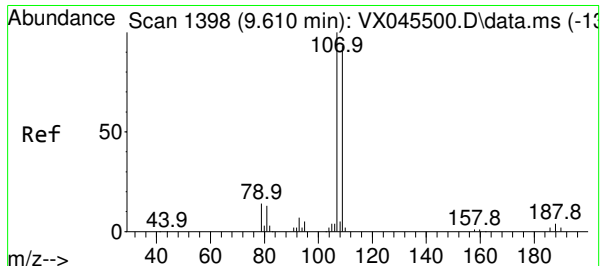
Tgt Ion:	43	Resp:	162672
Ion	Ratio	Lower	Upper
43	100		
58	50.6	44.3	66.5
57	17.4	15.9	23.9
100	10.5	10.1	15.1



#49
Dibromochloromethane
Concen: 54.298 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion:	129	Resp:	65039
Ion	Ratio	Lower	Upper
129	100		
127	78.8	53.6	99.6

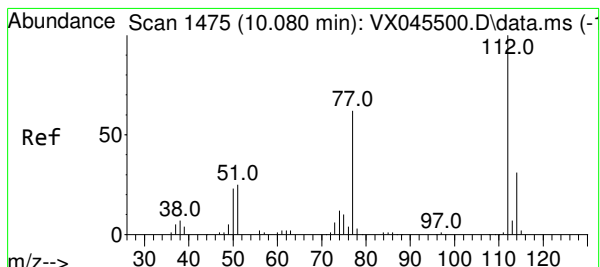
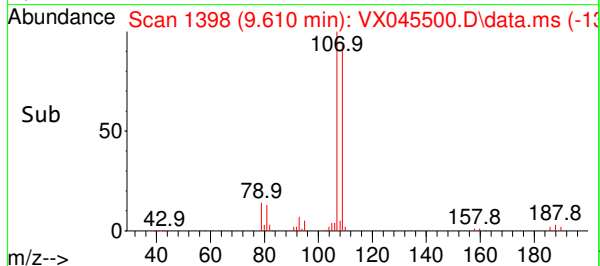
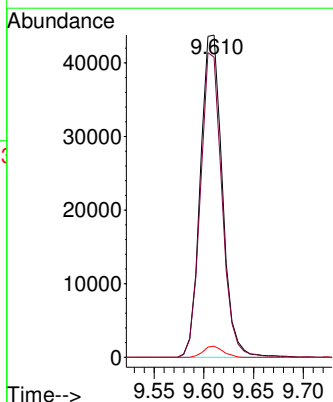
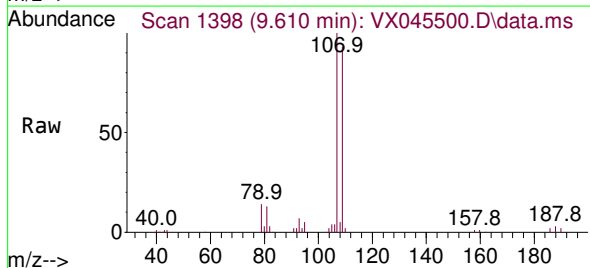




#50
1,2-Dibromoethane
Concen: 53.934 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

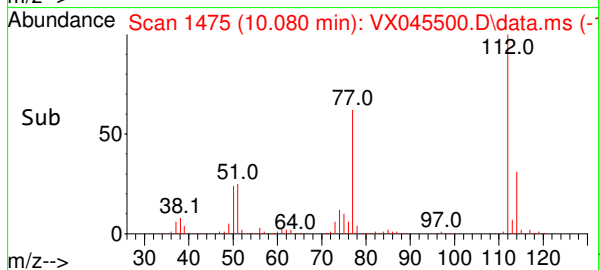
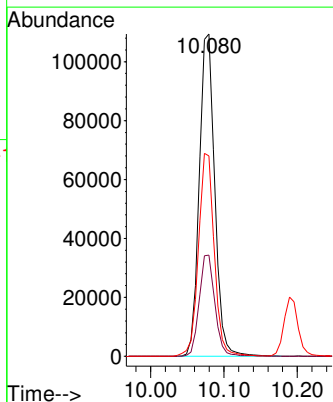
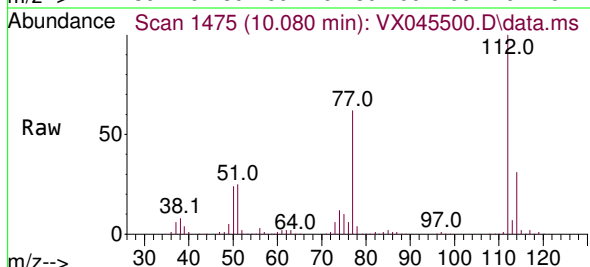
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

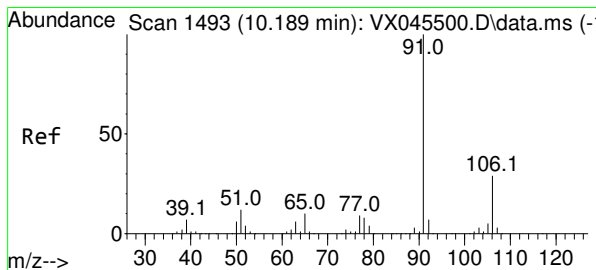
Tgt Ion:	107	Resp:	67138
Ion	Ratio	Lower	Upper
107	100		
109	93.1	67.2	124.8
188	3.5	2.2	3.4#



#51
Chlorobenzene
Concen: 53.220 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion:	112	Resp:	160353
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.4	41.6
77	62.2	49.2	73.8

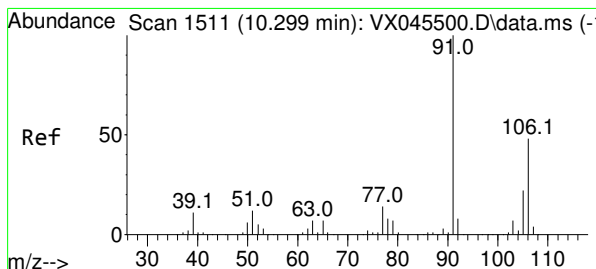
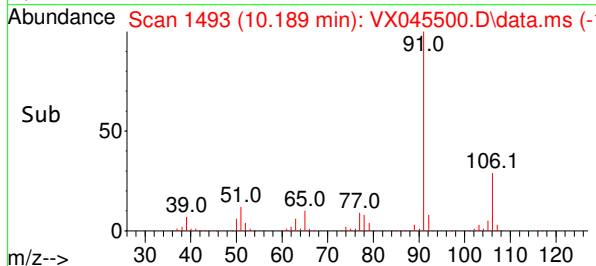
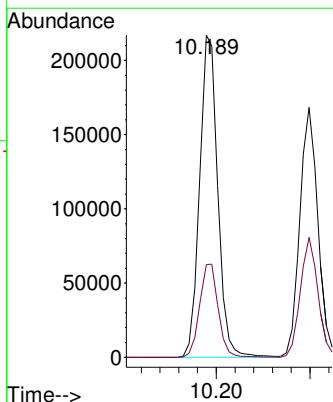
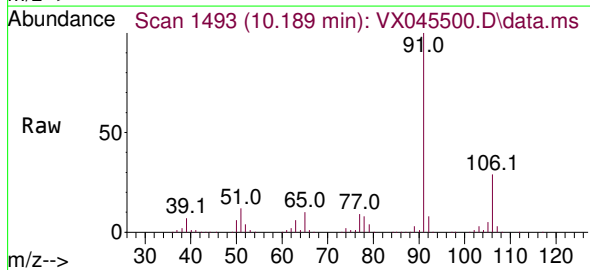




#52
Ethylbenzene
Concen: 55.520 ug/L
RT: 10.189 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

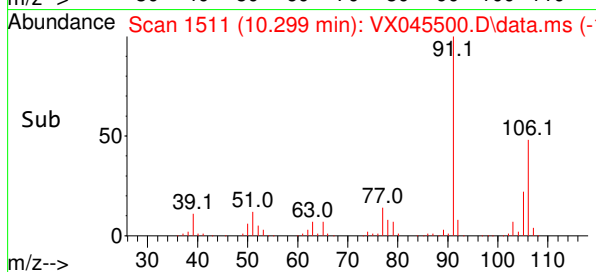
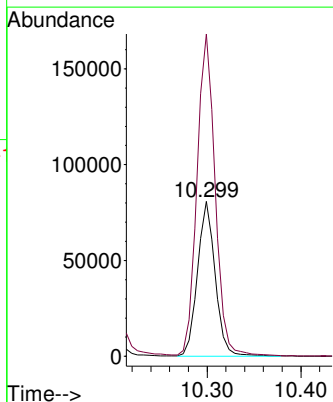
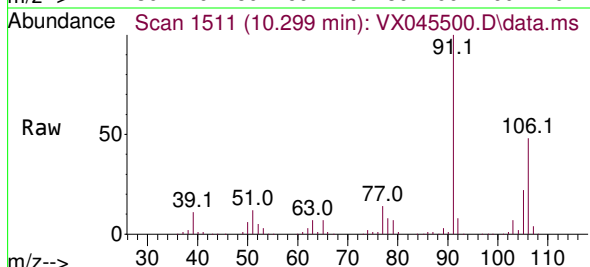
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

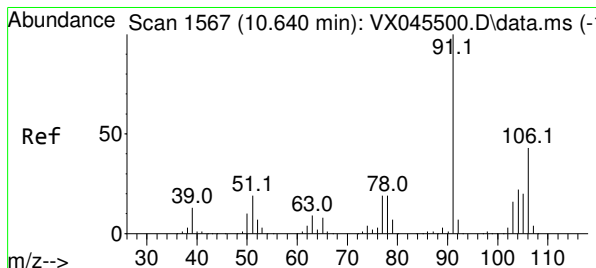
Tgt Ion: 91 Resp: 292903
Ion Ratio Lower Upper
91 100
106 28.8 21.1 39.3



#53
m,p-Xylene
Concen: 54.005 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion:106 Resp: 106961
Ion Ratio Lower Upper
106 100
91 208.1 145.2 269.6





#54

o-Xylene

Concen: 53.528 ug/L

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045500.D

Acq: 28 Mar 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

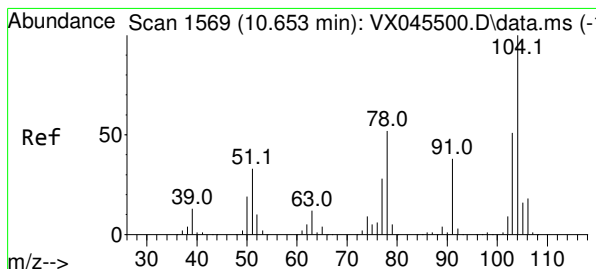
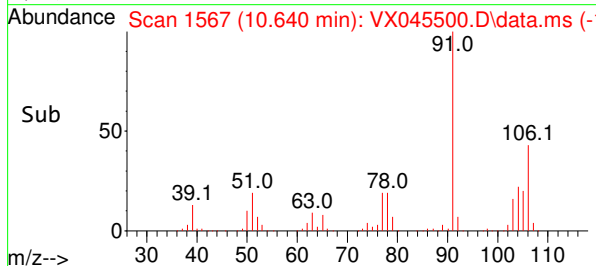
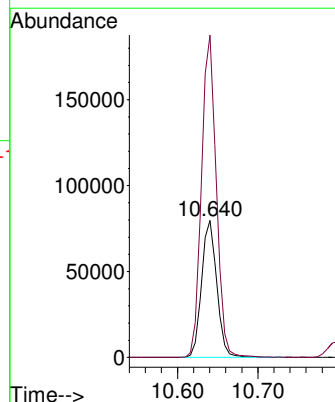
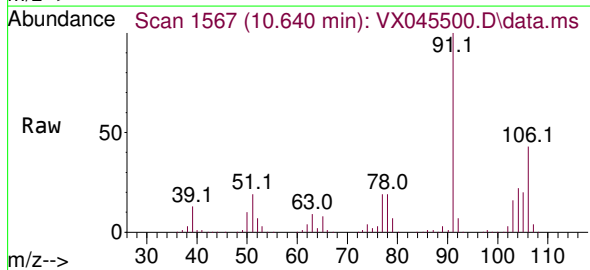
VSTD050669

Tgt Ion:106 Resp: 104500

Ion Ratio Lower Upper

106 100

91 235.1 153.2 284.4



#55

Styrene

Concen: 54.852 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045500.D

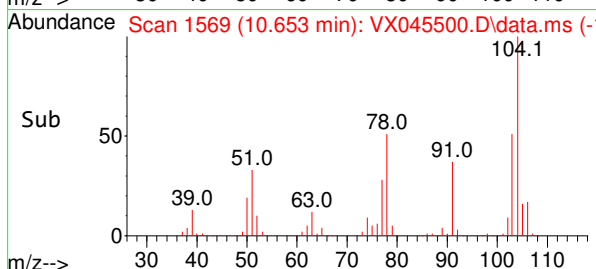
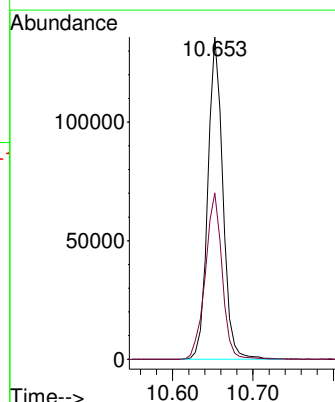
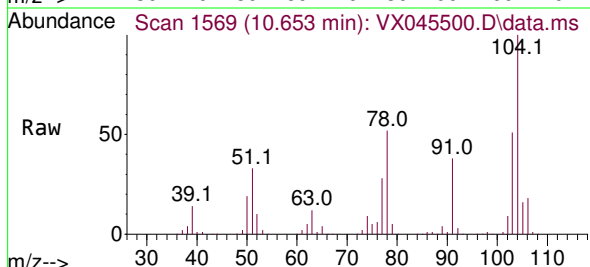
Acq: 28 Mar 2025 10:45

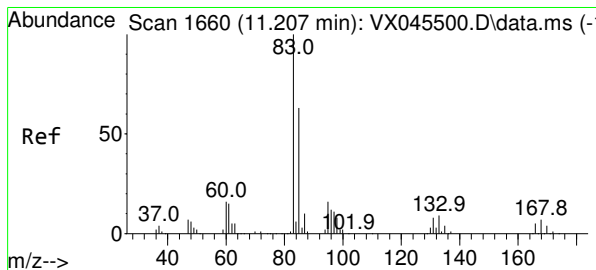
Tgt Ion:104 Resp: 176737

Ion Ratio Lower Upper

104 100

78 51.6 32.7 60.7

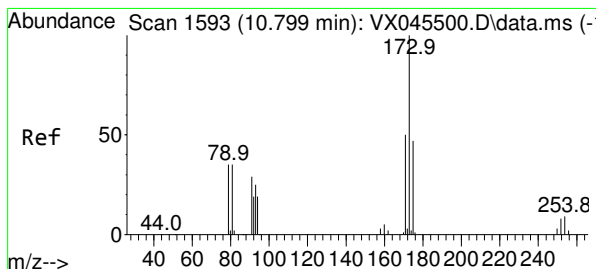
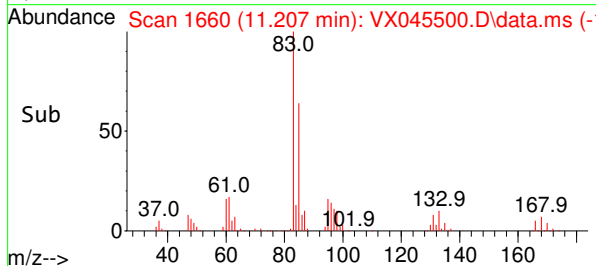
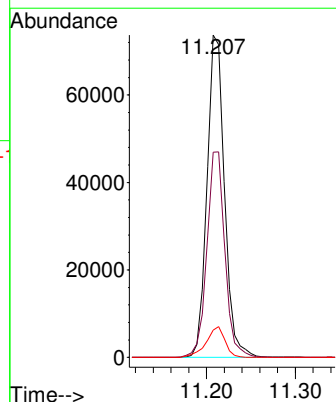
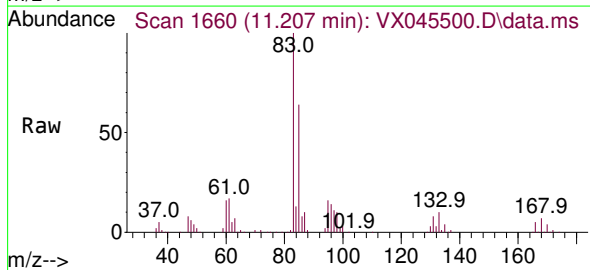




#57
1,1,2,2-Tetrachloroethane
Concen: 54.634 ug/L
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

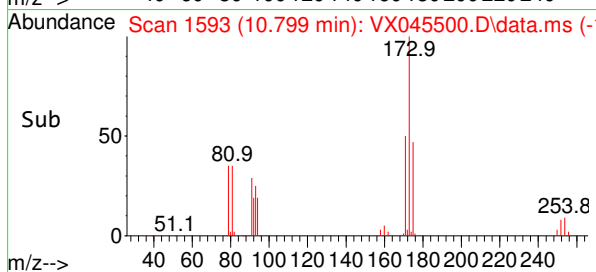
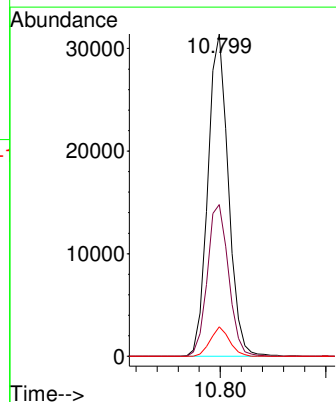
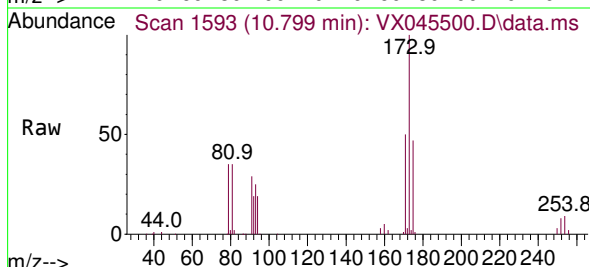
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

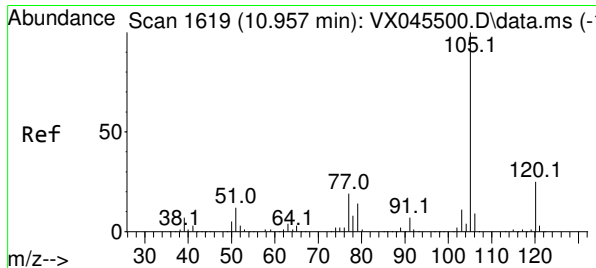
Tgt Ion: 83 Resp: 100678
Ion Ratio Lower Upper
83 100
85 63.6 44.9 83.5
131 8.4 8.0 12.0



#59
Bromoform
Concen: 50.110 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion: 173 Resp: 42531
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 8.5 6.6 10.0

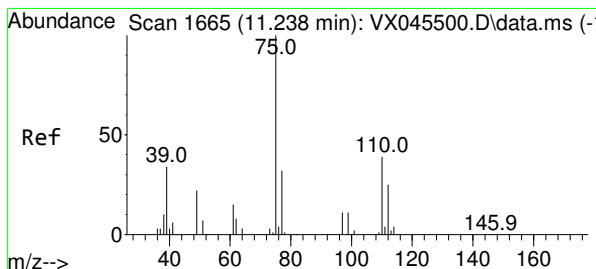
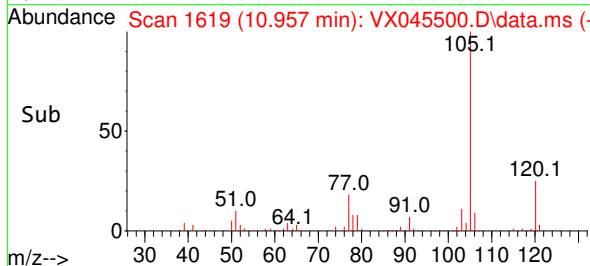
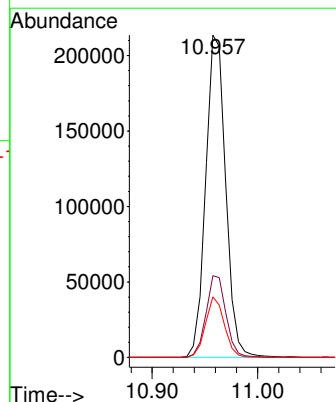
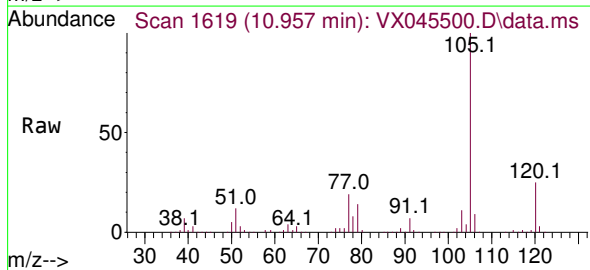




#60
Isopropylbenzene
Concen: 54.770 ug/L
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

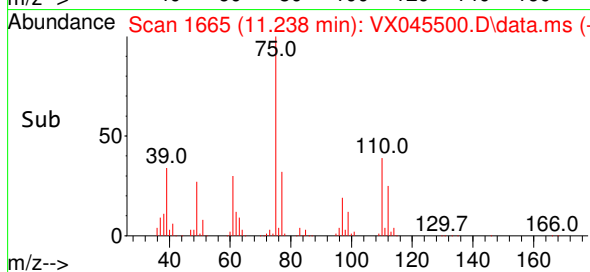
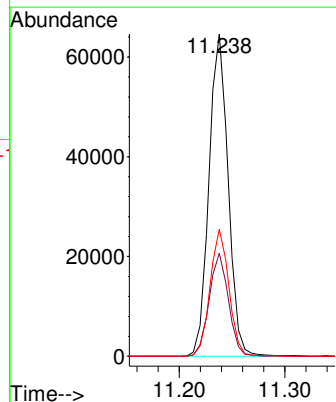
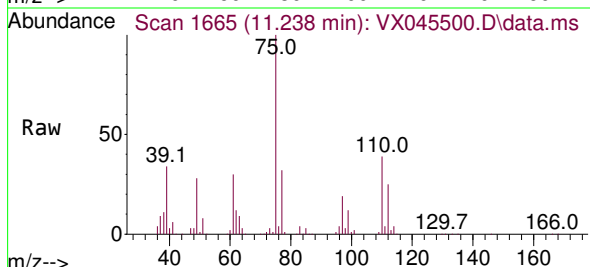
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

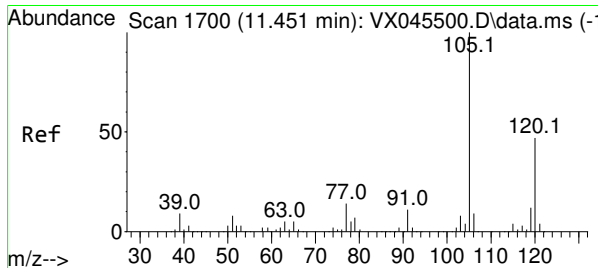
Tgt Ion:	105	Resp:	282225
Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.9	31.3
77	17.8	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 57.862 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion:	75	Resp:	81964
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.6
110	38.8	30.8	46.2

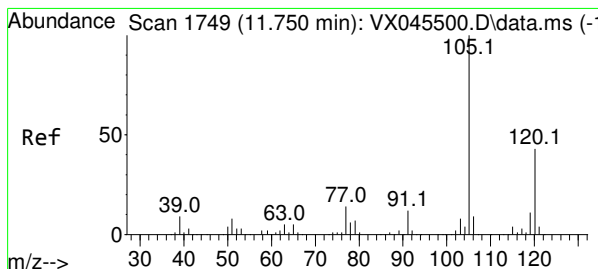
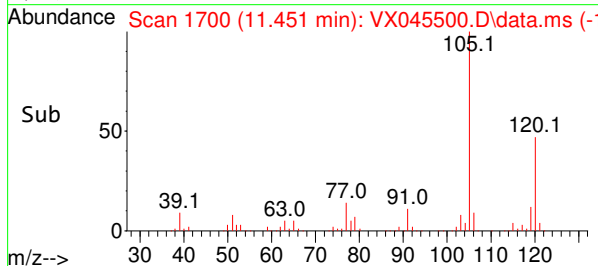
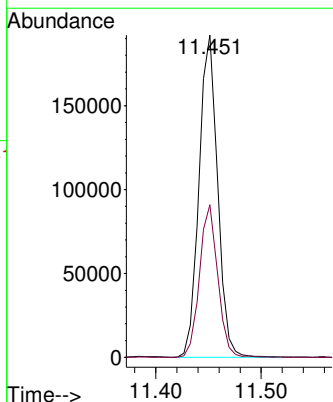
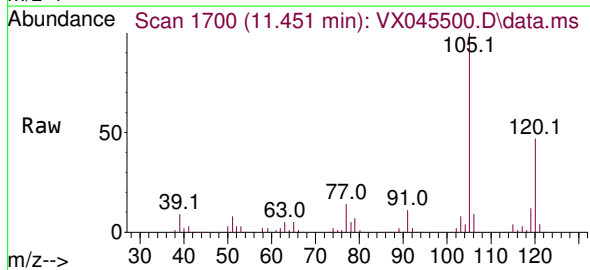




#62
1,3,5-Trimethylbenzene
Concen: 55.740 ug/L
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

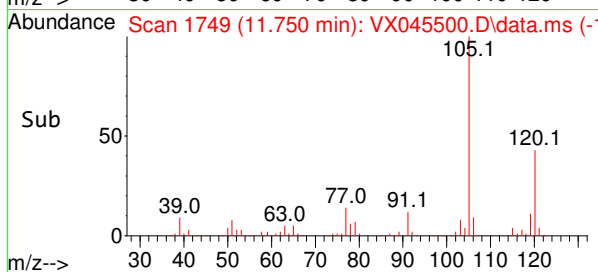
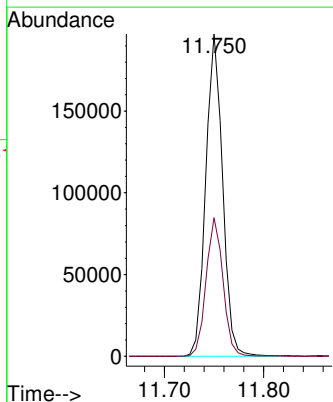
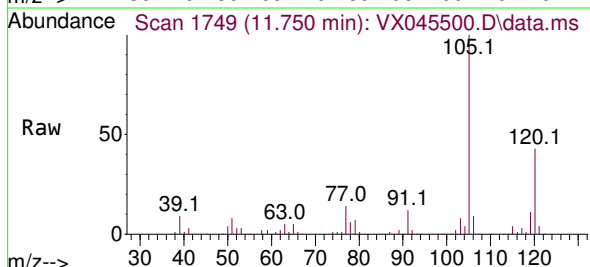
Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

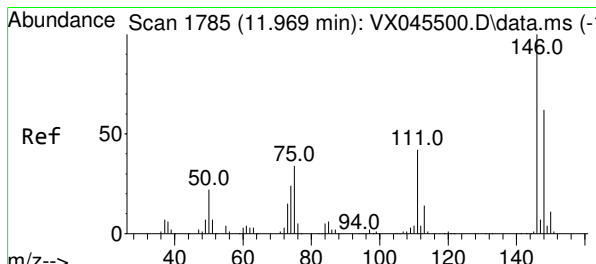
Tgt Ion:105 Resp: 235629
Ion Ratio Lower Upper
105 100
120 46.0 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 55.388 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion:105 Resp: 231908
Ion Ratio Lower Upper
105 100
120 43.2 35.7 53.5

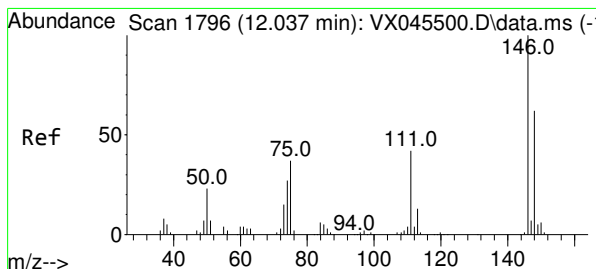
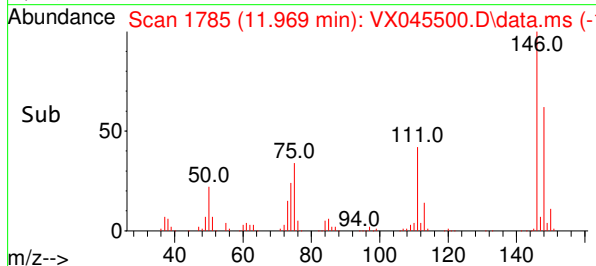
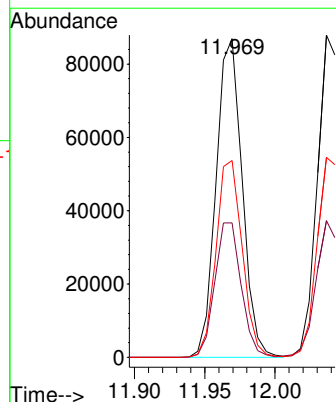
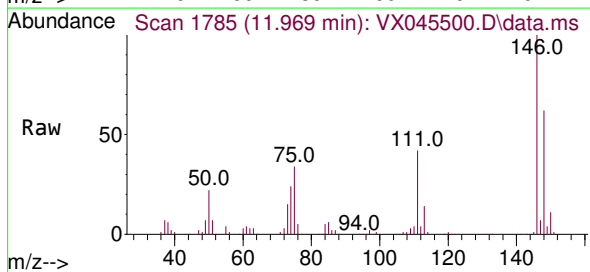




#64
 1,3-Dichlorobenzene
 Concen: 52.823 ug/L
 RT: 11.969 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX045500.D
 Acq: 28 Mar 2025 10:45

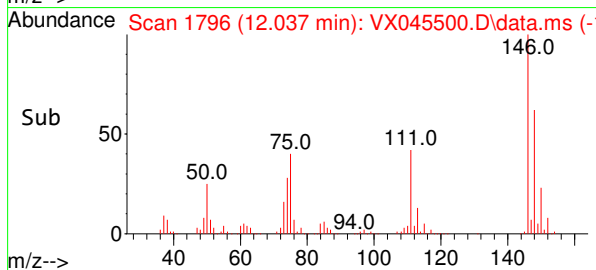
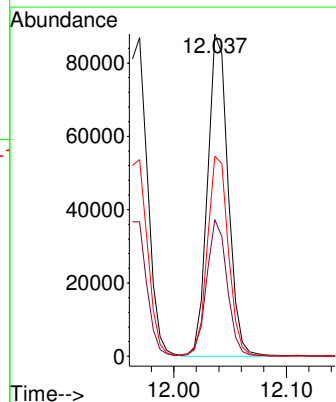
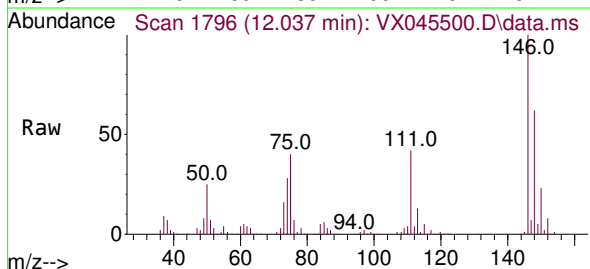
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050669

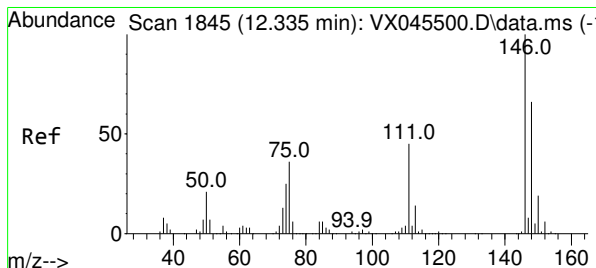
Tgt Ion:	146	Resp:	111895
Ion	Ratio	Lower	Upper
146	100		
111	42.2	29.5	54.9
148	61.8	44.4	82.5



#65
 1,4-Dichlorobenzene
 Concen: 52.920 ug/L
 RT: 12.037 min Scan# 1796
 Delta R.T. -0.000 min
 Lab File: VX045500.D
 Acq: 28 Mar 2025 10:45

Tgt Ion:	146	Resp:	111586
Ion	Ratio	Lower	Upper
146	100		
111	42.4	29.7	55.1
148	62.0	43.5	80.7





#67

1,2-Dichlorobenzene

Concen: 53.483 ug/L

RT: 12.335 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045500.D

Acq: 28 Mar 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD050669

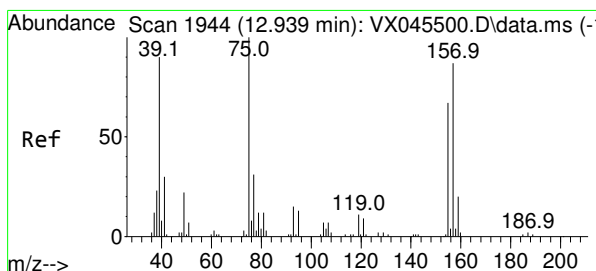
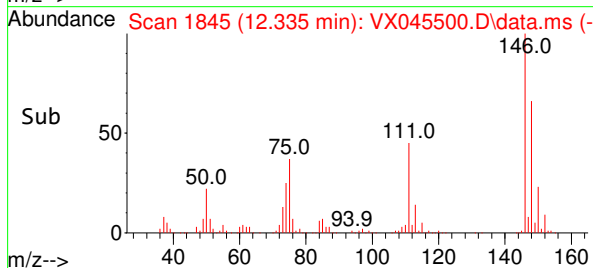
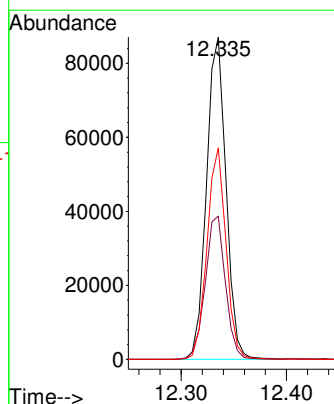
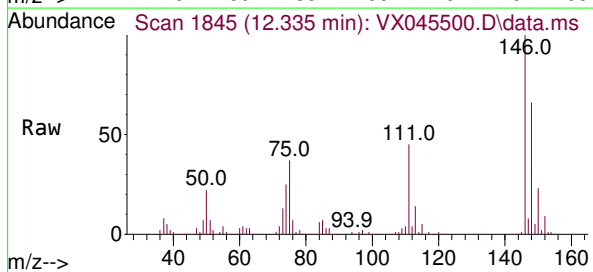
Tgt Ion:146 Resp: 112326

Ion Ratio Lower Upper

146 100

111 44.5 36.1 54.1

148 65.6 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 56.964 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX045500.D

Acq: 28 Mar 2025 10:45

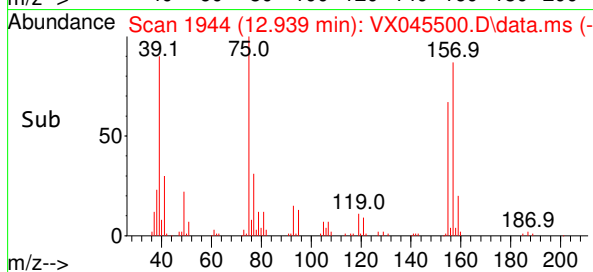
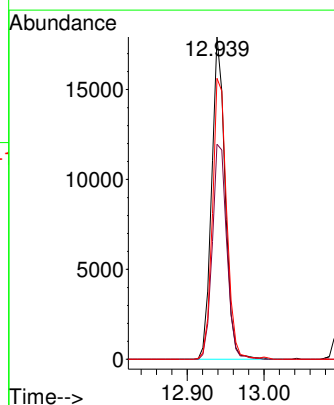
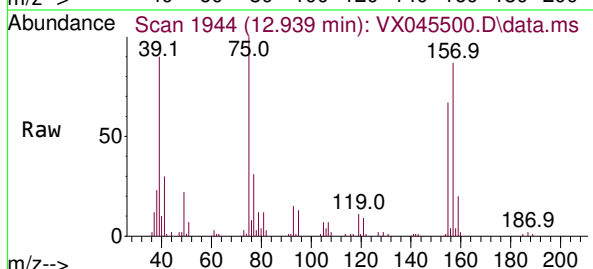
Tgt Ion: 75 Resp: 21987

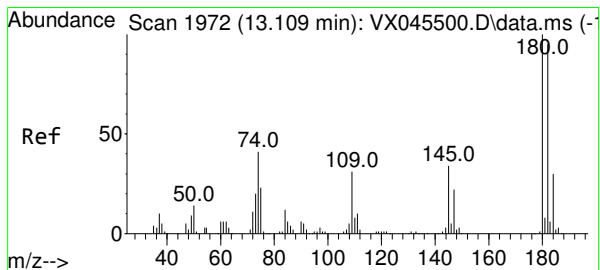
Ion Ratio Lower Upper

75 100

155 66.7 62.5 93.7

157 87.2 83.5 125.3

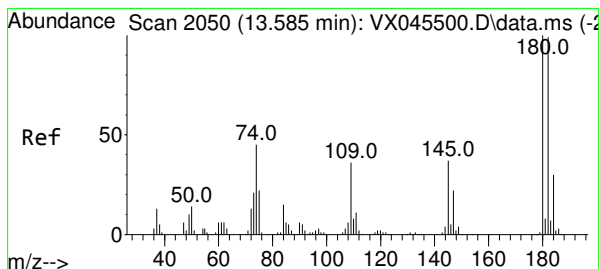
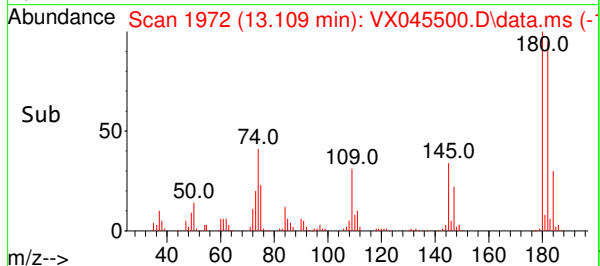
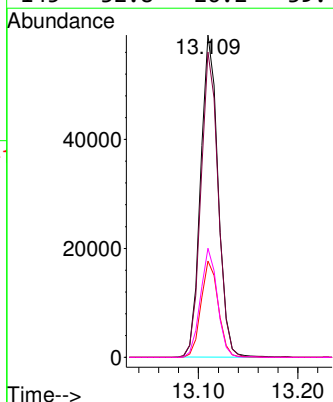
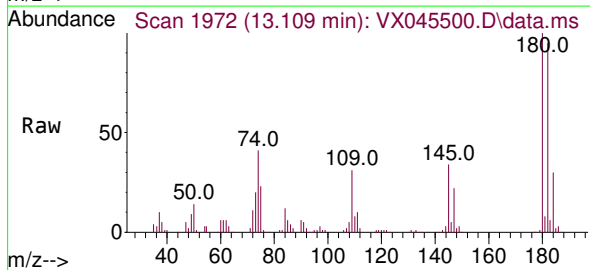




#69
 1,3,5-Trichlorobenzene
 Concen: 51.714 ug/L
 RT: 13.109 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045500.D
 Acq: 28 Mar 2025 10:45

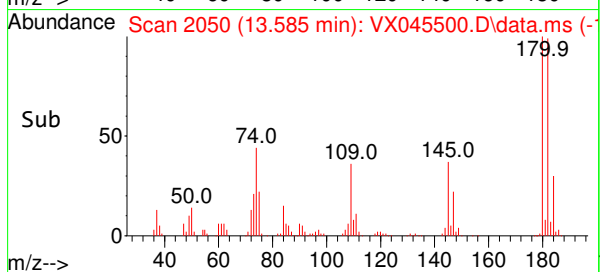
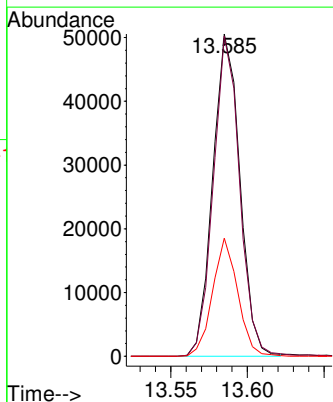
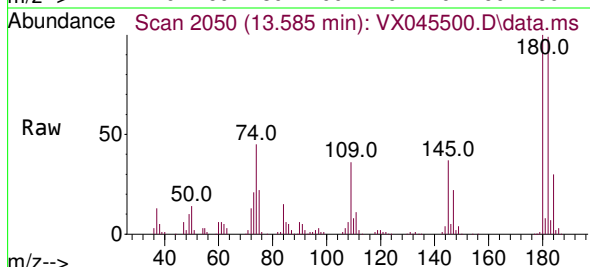
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050669

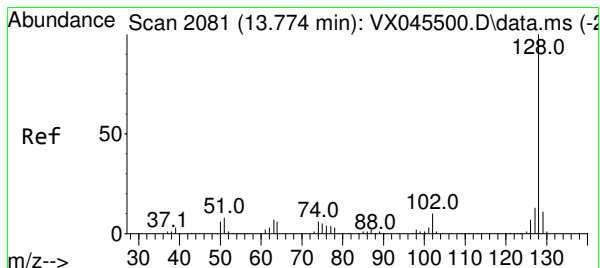
Tgt Ion:	180	Resp:	71783
Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.6
184	29.6	24.0	36.0
145	32.8	26.2	39.4



#70
 1,2,4-trichlorobenzene
 Concen: 49.603 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX045500.D
 Acq: 28 Mar 2025 10:45

Tgt Ion:	180	Resp:	62073
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.5	114.7
145	34.0	27.0	40.4

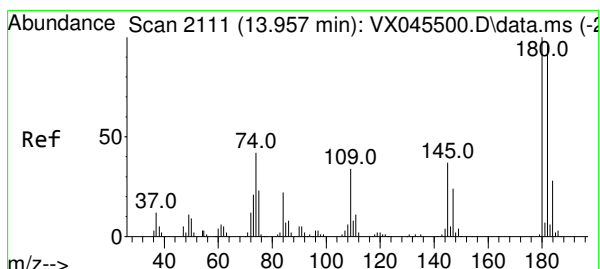
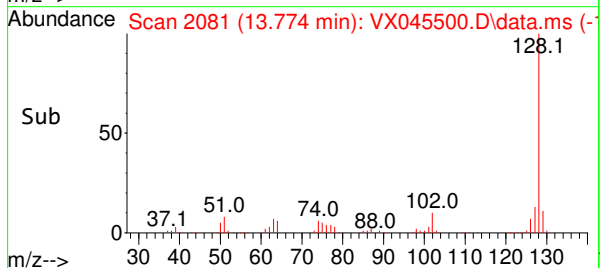
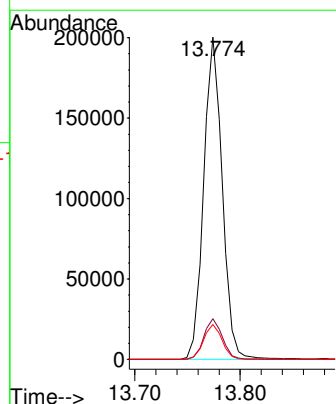
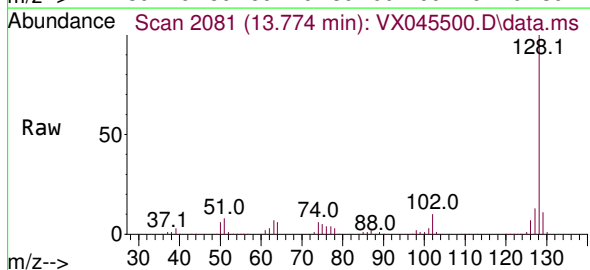




#71
Naphthalene
Concen: 50.434 ug/L
RT: 13.774 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTD050669

Tgt Ion:128 Resp: 244768
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.112 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045500.D
Acq: 28 Mar 2025 10:45

Tgt Ion:180 Resp: 64858
Ion Ratio Lower Upper
180 100
182 96.6 77.1 115.7
145 35.9 28.3 42.5

