

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044598.D
 Acq On : 07 Jan 2025 10:51
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 08 02:28:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:18:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	182852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	312202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	273147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	125618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62203	21.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	42.200%#
35) Dibromofluoromethane	5.379	113	43312	20.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.460%#
50) Toluene-d8	8.647	98	151532	20.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	41.440%#
62) 4-Bromofluorobenzene	11.079	95	51959	20.131	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	40.260%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52176	19.721	ug/l	99
3) Chloromethane	1.294	50	53813	20.411	ug/l	95
4) Vinyl Chloride	1.374	62	50882	20.572	ug/l	100
5) Bromomethane	1.599	94	26588	20.753	ug/l	99
6) Chloroethane	1.666	64	27162	20.687	ug/l	100
7) Trichlorofluoromethane	1.873	101	72487	19.683	ug/l	98
8) Diethyl Ether	2.130	74	28020	21.533	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	42666	20.206	ug/l	99
10) Methyl Iodide	2.447	142	58125	19.741	ug/l	99
11) Tert butyl alcohol	2.995	59	35287	97.199	ug/l	99
12) 1,1-Dichloroethene	2.312	96	40189	19.647	ug/l	92
13) Acrolein	2.233	56	46887	97.681	ug/l	100
14) Allyl chloride	2.660	41	69790	20.514	ug/l	99
15) Acrylonitrile	3.062	53	109174	104.416	ug/l	99
16) Acetone	2.380	43	98646	106.158	ug/l	98
17) Carbon Disulfide	2.501	76	77403	18.299	ug/l	99
18) Methyl Acetate	2.703	43	55761	20.331	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	143696	20.498	ug/l	97
20) Methylene Chloride	2.782	84	48372	20.404	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	42447	20.218	ug/l	94
22) Diisopropyl ether	3.757	45	148218	21.193	ug/l	96
23) Vinyl Acetate	3.715	43	611827	108.186	ug/l	100
24) 1,1-Dichloroethane	3.605	63	85657	21.020	ug/l	97
25) 2-Butanone	4.562	43	147205	109.752	ug/l	95
26) 2,2-Dichloropropane	4.464	77	72557	20.594	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	52269	20.418	ug/l	99
28) Bromochloromethane	4.891	49	40221	21.204	ug/l	96
29) Tetrahydrofuran	5.001	42	96792	105.382	ug/l	98
30) Chloroform	5.086	83	92017	20.946	ug/l	99
31) Cyclohexane	5.464	56	69453	20.758	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	76888	20.797	ug/l	99
36) 1,1-Dichloropropene	5.690	75	57525	20.780	ug/l	99
37) Ethyl Acetate	4.708	43	61814	21.845	ug/l	99
38) Carbon Tetrachloride	5.665	117	61261	19.945	ug/l	99
39) Methylcyclohexane	7.372	83	71421	20.220	ug/l	98
40) Benzene	6.031	78	182735	20.965	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	33545	22.068	ug/l	98
42) 1,2-Dichloroethane	6.080	62	75362	22.109	ug/l	100
43) Isopropyl Acetate	6.342	43	99627	21.325	ug/l	100
44) Trichloroethene	7.116	130	44753	20.086	ug/l	99
45) 1,2-Dichloropropane	7.427	63	45374	21.352	ug/l	94
46) Dibromomethane	7.580	93	34533	20.895	ug/l	98
47) Bromodichloromethane	7.818	83	62867	20.903	ug/l	94
48) Methyl methacrylate	7.690	41	48354	21.700	ug/l	98
49) 1,4-Dioxane	7.665	88	14556	444.533	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	303467	111.120	ug/l	100
52) Toluene	8.714	92	111872	21.272	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	60752	21.133	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	66510	20.586	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	43622	21.158	ug/l	97
56) Ethyl methacrylate	9.116	69	63170	21.068	ug/l	98
57) 1,3-Dichloropropane	9.305	76	76059	21.969	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	155083	104.333	ug/l	100
59) 2-Hexanone	9.433	43	216998	112.353	ug/l	99
60) Dibromochloromethane	9.518	129	42282	20.568	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44770	21.501	ug/l	96
64) Tetrachloroethene	9.268	164	39569	20.489	ug/l	97
65) Chlorobenzene	10.079	112	118653	20.467	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	39956	20.752	ug/l	99
67) Ethyl Benzene	10.189	91	209710	21.066	ug/l	98
68) m/p-Xylenes	10.299	106	155810	42.593	ug/l	98
69) o-Xylene	10.640	106	76065	20.601	ug/l	99
70) Styrene	10.652	104	126293	21.385	ug/l	99
71) Bromoform	10.799	173	24563	19.617	ug/l #	95
73) Isopropylbenzene	10.957	105	195554	21.012	ug/l	100
74) N-amyl acetate	10.841	43	79390	21.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	61645	20.550	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	66641	26.464	ug/l	86
77) Bromobenzene	11.195	156	45702	20.215	ug/l	100
78) n-propylbenzene	11.305	91	220954	21.078	ug/l	100
79) 2-Chlorotoluene	11.360	91	139531	20.541	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	164285	21.290	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14902	18.014	ug/l	89
82) 4-Chlorotoluene	11.451	91	159459	20.867	ug/l	99
83) tert-Butylbenzene	11.713	119	155984	20.301	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	168552	21.745	ug/l	100
85) sec-Butylbenzene	11.890	105	196607	21.010	ug/l	100
86) p-Isopropyltoluene	12.006	119	164348	20.932	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	84583	20.681	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	83680	19.638	ug/l	97
89) n-Butylbenzene	12.329	91	138330	20.864	ug/l	99
90) Hexachloroethane	12.536	117	22825	18.096	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	83880	20.296	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11101	19.520	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	47350	19.494	ug/l	98
94) Hexachlorobutadiene	13.719	225	19641	19.419	ug/l	97
95) Naphthalene	13.774	128	162161	20.691	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	49865	20.082	ug/l	100

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QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

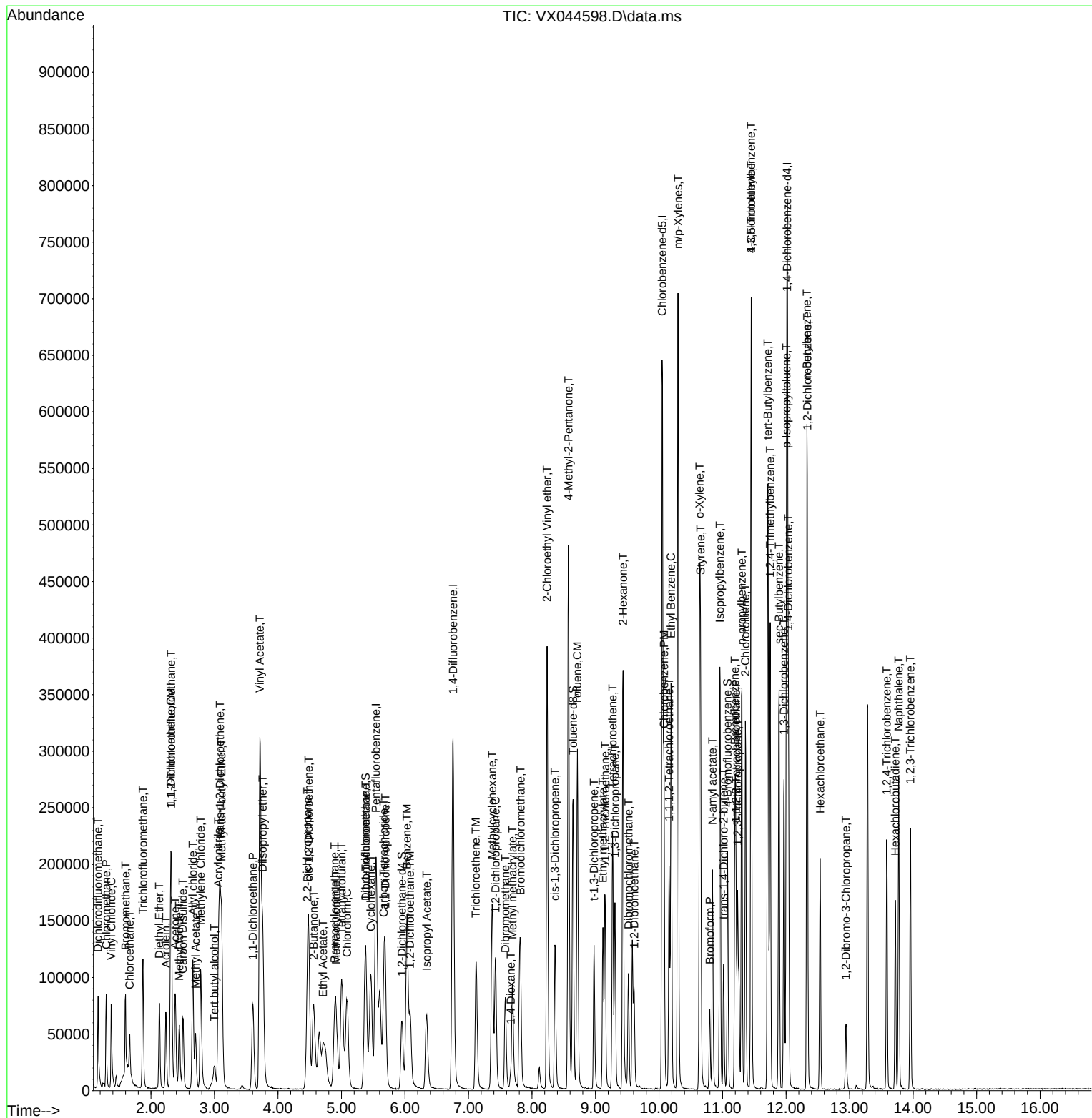
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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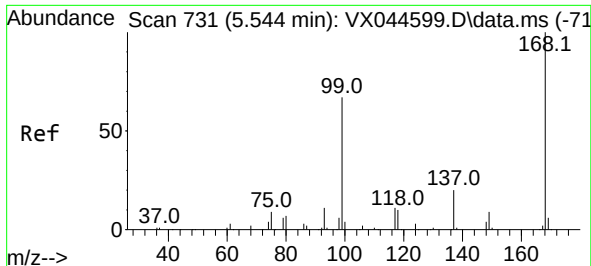
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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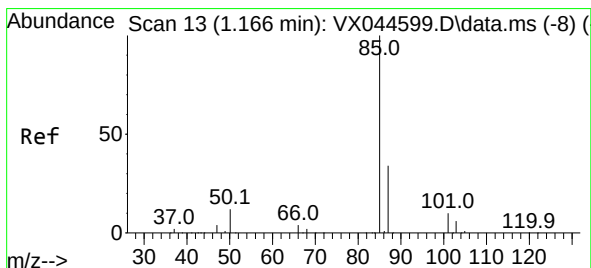
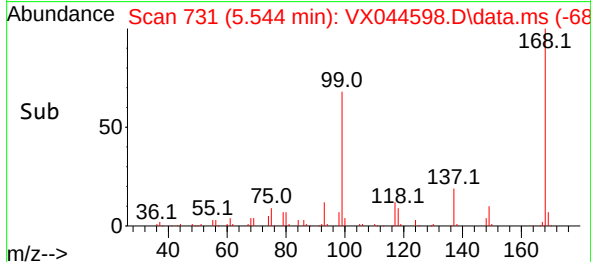
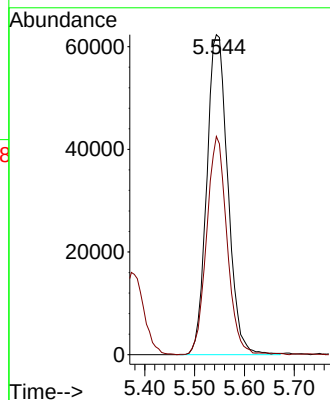
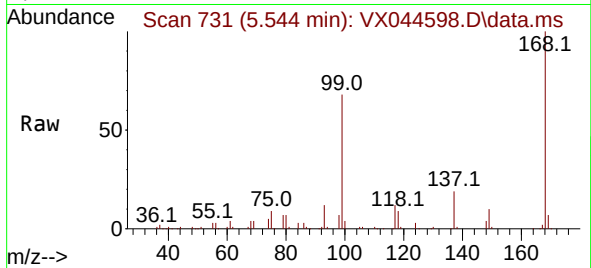




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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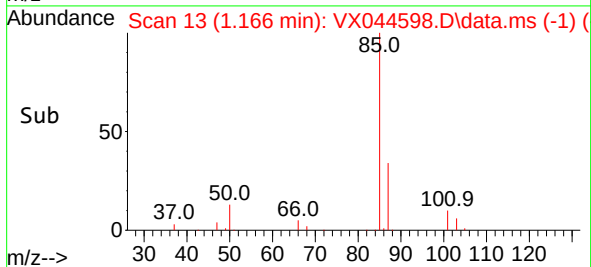
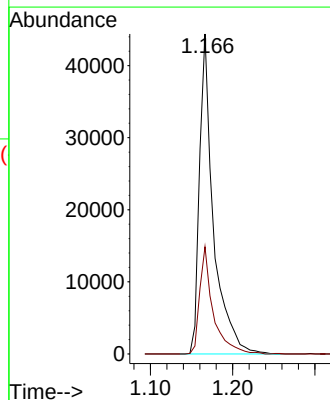
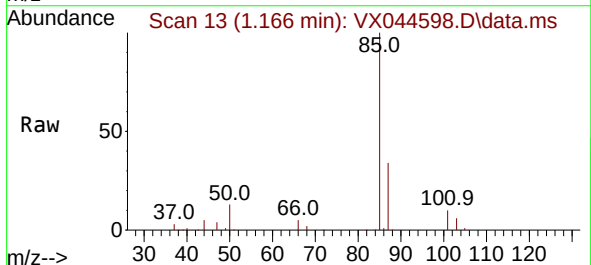
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

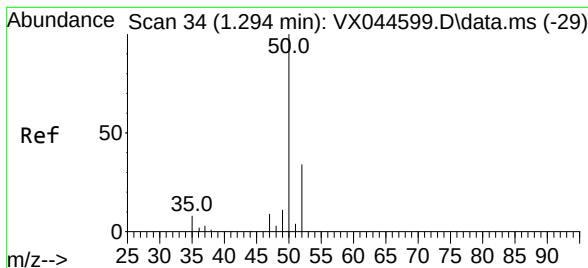
Tgt Ion:168 Resp: 182852
Ion Ratio Lower Upper
168 100
99 68.1 53.5 80.3



#2
Dichlorodifluoromethane
Concen: 19.721 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 85 Resp: 52176
Ion Ratio Lower Upper
85 100
87 33.5 17.2 51.5





#3

Chloromethane

Concen: 20.411 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

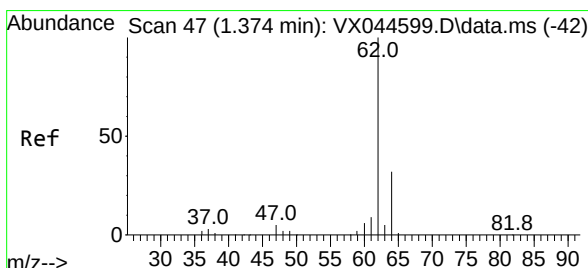
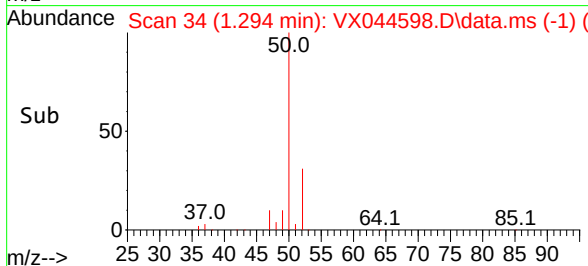
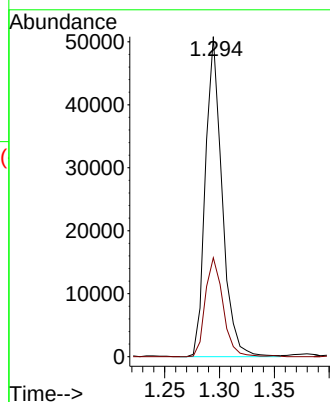
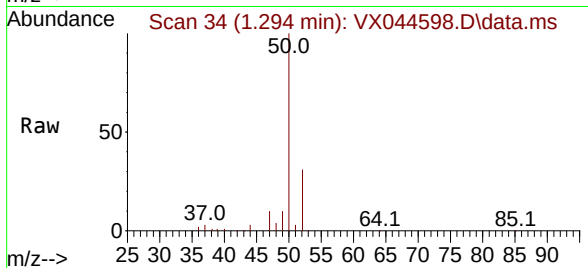
VSTDICC020

Tgt Ion: 50 Resp: 53813

Ion Ratio Lower Upper

50 100

52 30.9 27.0 40.4



#4

Vinyl Chloride

Concen: 20.572 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044598.D

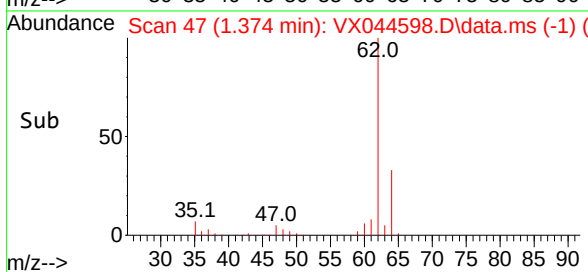
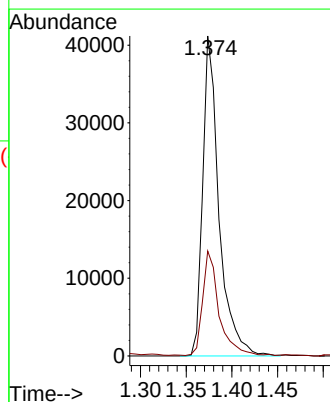
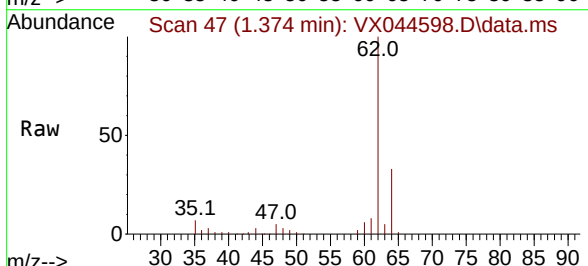
Acq: 07 Jan 2025 10:51

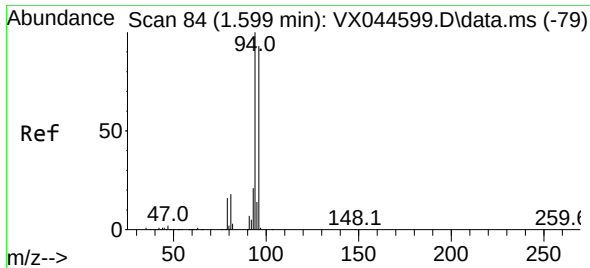
Tgt Ion: 62 Resp: 50882

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0

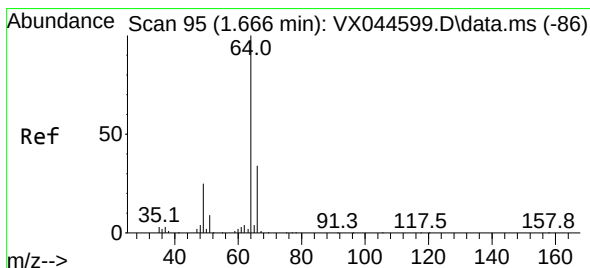
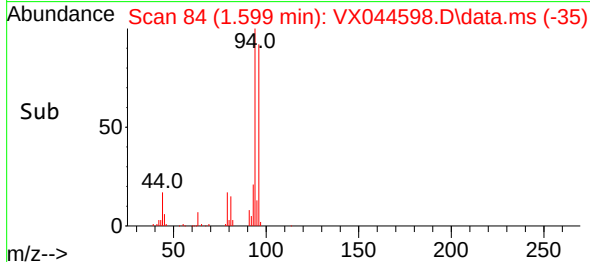
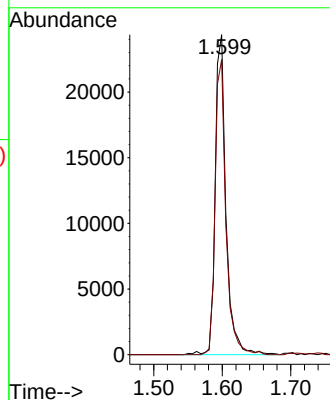
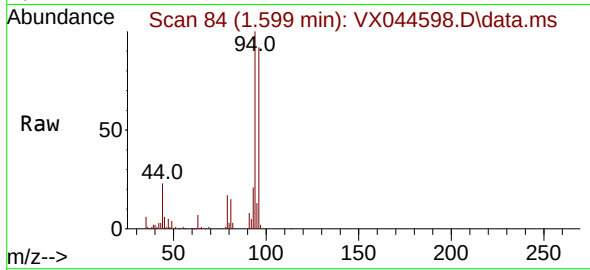




#5
Bromomethane
Concen: 20.753 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX044598.D
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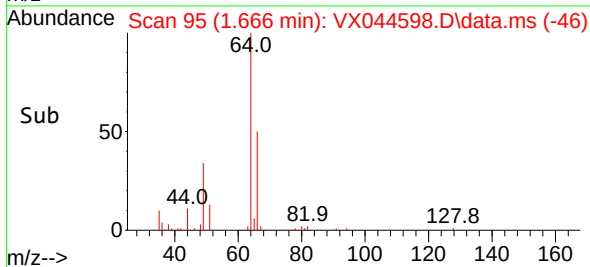
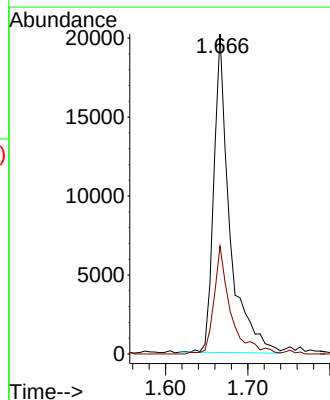
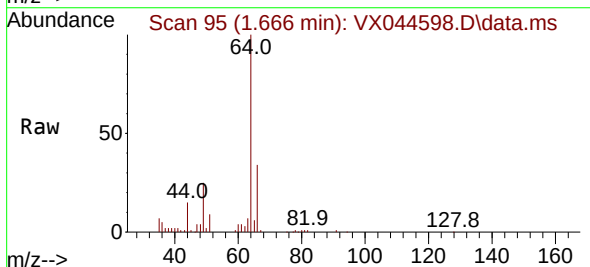
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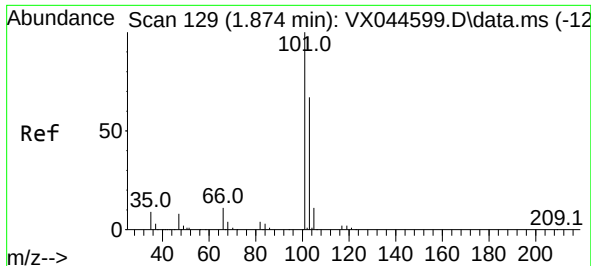
Tgt Ion: 94 Resp: 26588
Ion Ratio Lower Upper
94 100
96 92.2 74.6 112.0



#6
Chloroethane
Concen: 20.687 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 64 Resp: 27162
Ion Ratio Lower Upper
64 100
66 33.9 27.3 40.9

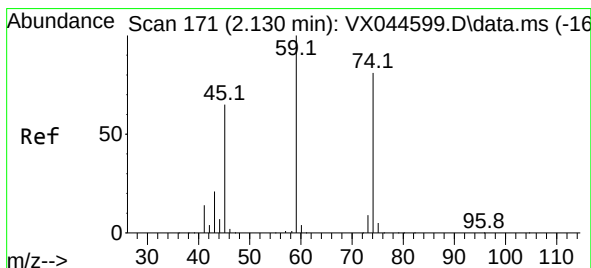
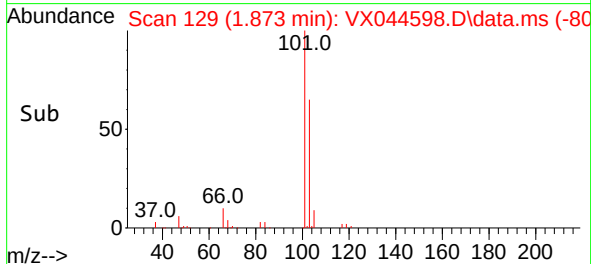
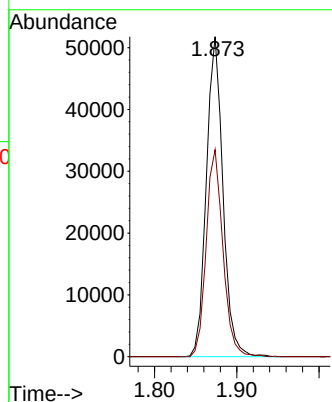
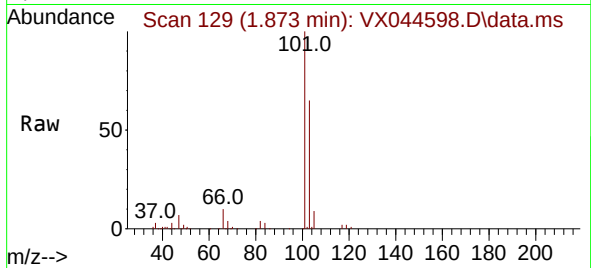




#7
 Trichlorofluoromethane
 Concen: 19.683 ug/l
 RT: 1.873 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044598.D
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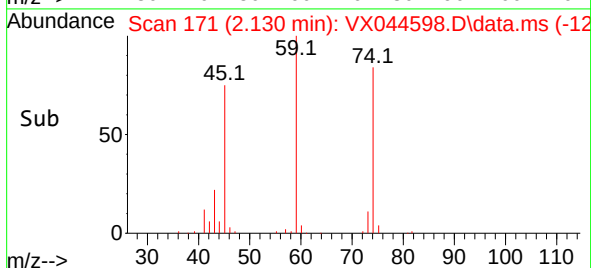
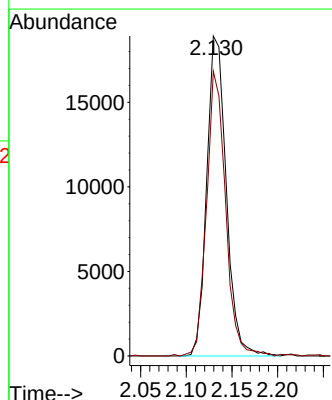
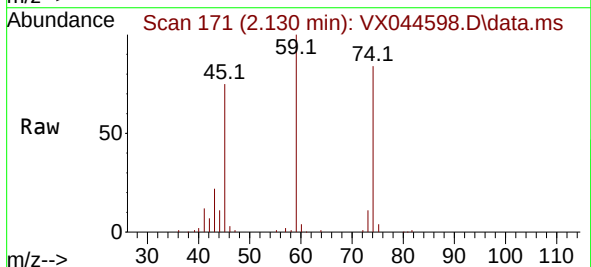
Instrument :
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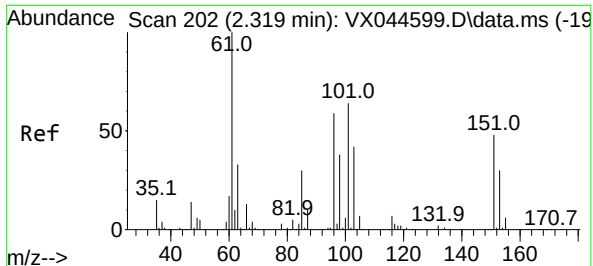
Tgt Ion:101 Resp: 72487
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.3 79.9



#8
 Diethyl Ether
 Concen: 21.533 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 28020
 Ion Ratio Lower Upper
 74 100
 45 86.8 41.7 125.1

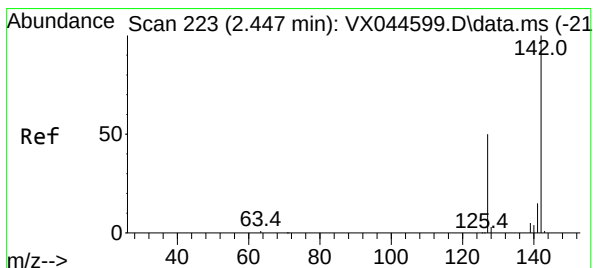
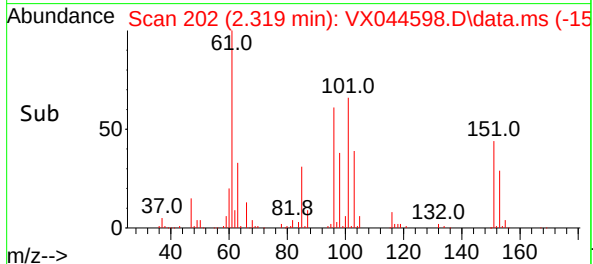
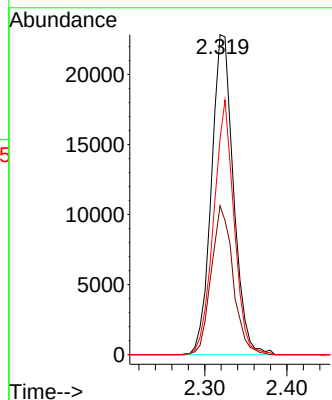
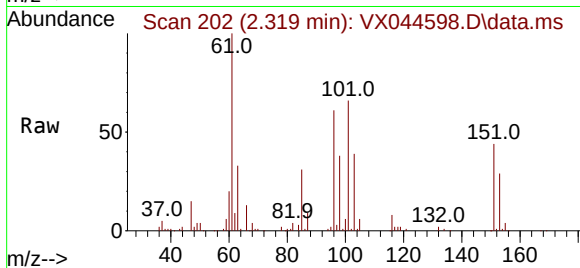




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.206 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

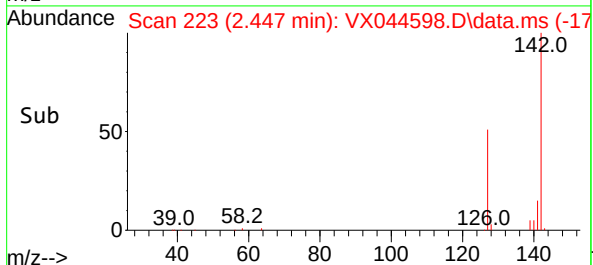
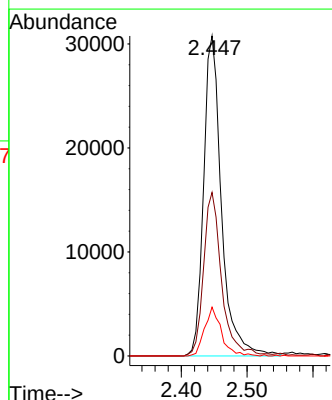
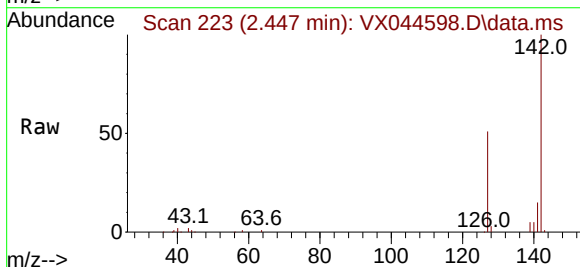
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

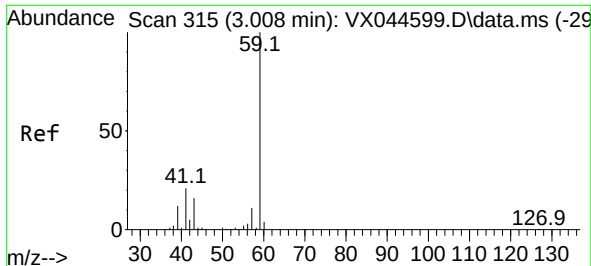
Tgt Ion:101 Resp: 42666
Ion Ratio Lower Upper
101 100
85 45.9 36.5 54.7
151 73.7 58.6 87.8



#10
Methyl Iodide
Concen: 19.741 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:142 Resp: 58125
Ion Ratio Lower Upper
142 100
127 51.6 41.9 62.9
141 14.4 11.8 17.6

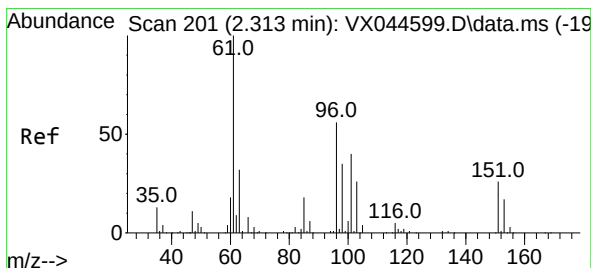
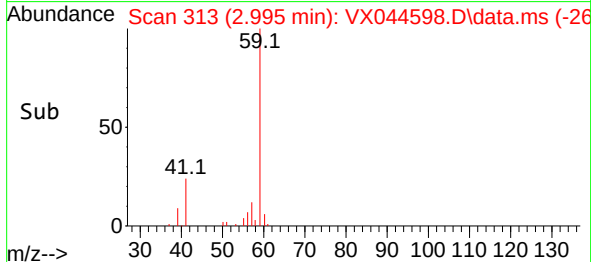
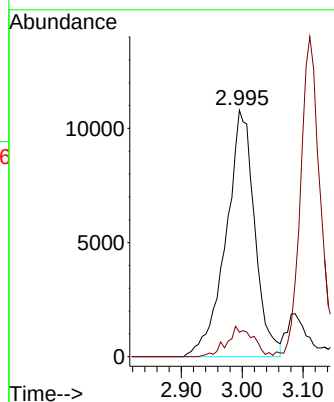
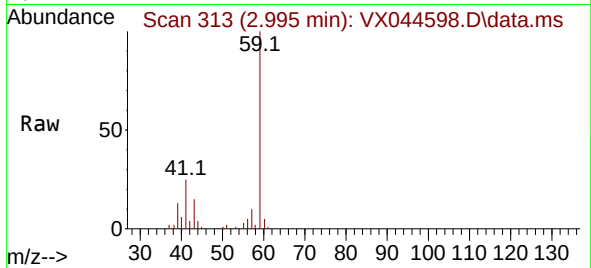




#11
Tert butyl alcohol
Concen: 97.199 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

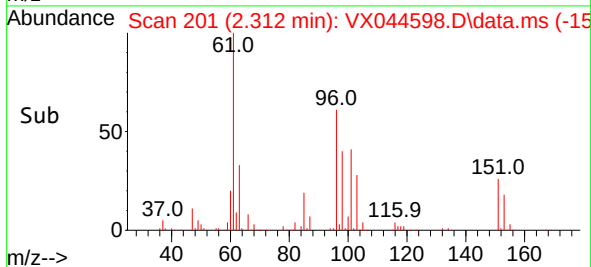
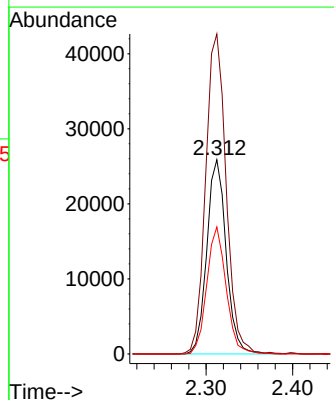
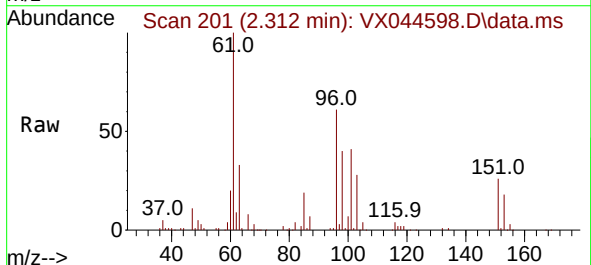
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

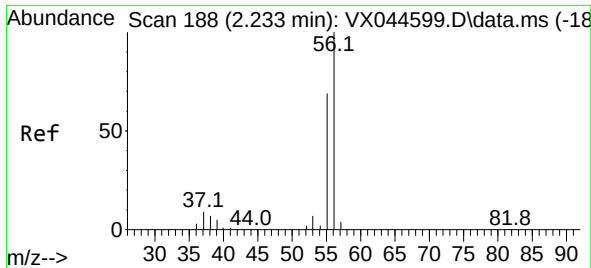
Tgt Ion: 59 Resp: 35287
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.647 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 96 Resp: 40189
Ion Ratio Lower Upper
96 100
61 164.7 143.3 214.9
98 65.4 50.6 76.0

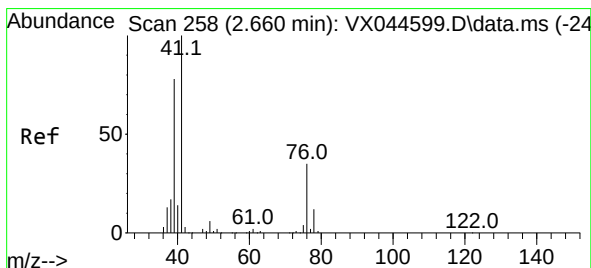
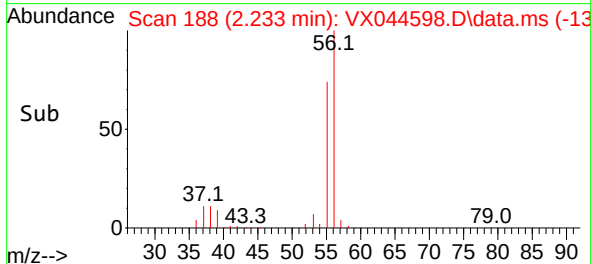
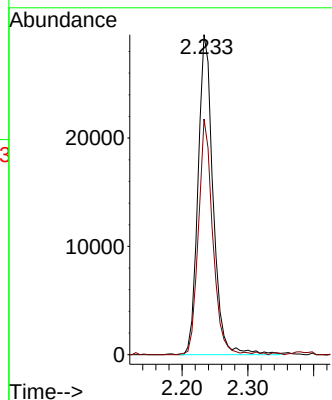
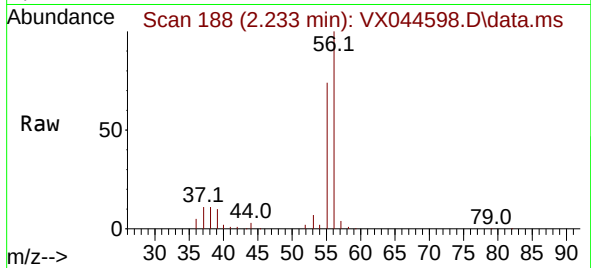




#13
Acrolein
Concen: 97.681 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

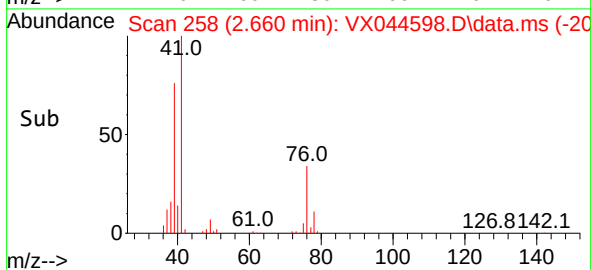
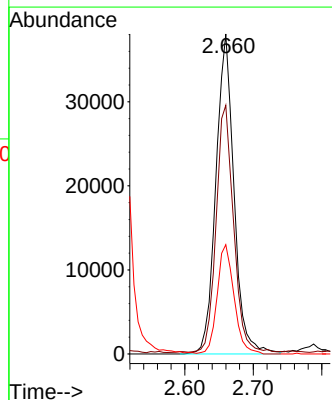
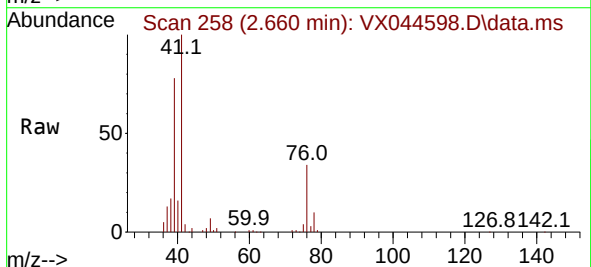
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

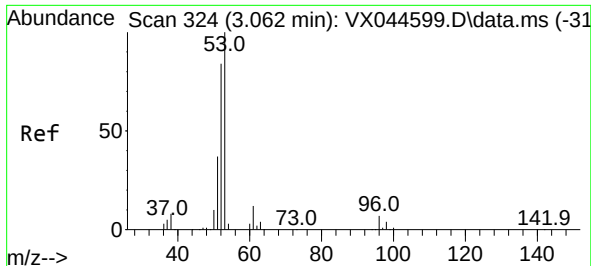
Tgt Ion: 56 Resp: 46887
Ion Ratio Lower Upper
56 100
55 70.1 55.8 83.8



#14
Allyl chloride
Concen: 20.514 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 41 Resp: 69790
Ion Ratio Lower Upper
41 100
39 73.9 60.2 90.2
76 31.8 25.9 38.9

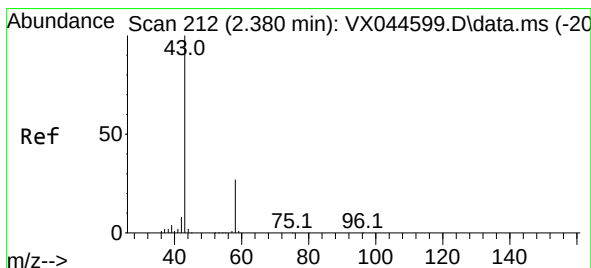
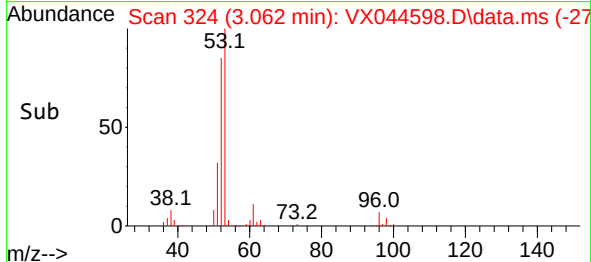
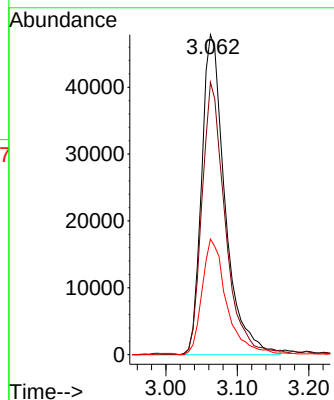
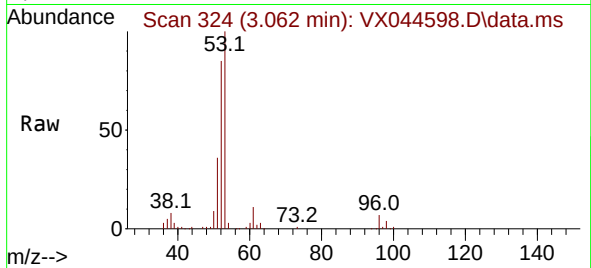




#15
Acrylonitrile
Concen: 104.416 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

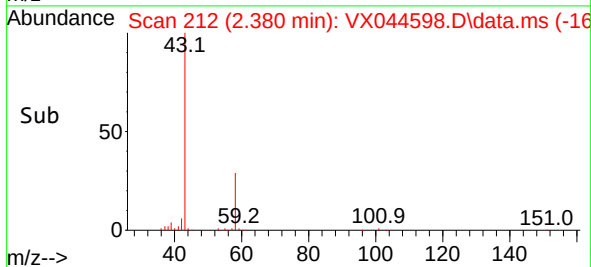
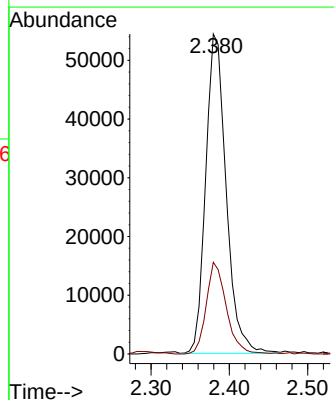
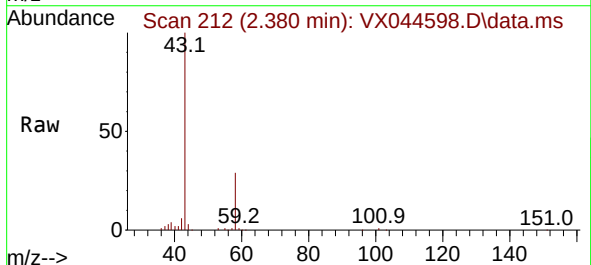
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

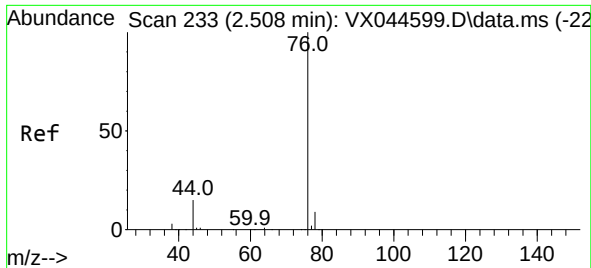
Tgt Ion: 53 Resp: 109174
Ion Ratio Lower Upper
53 100
52 84.3 67.0 100.6
51 37.8 29.4 44.0



#16
Acetone
Concen: 106.158 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 43 Resp: 98646
Ion Ratio Lower Upper
43 100
58 28.7 22.0 33.0

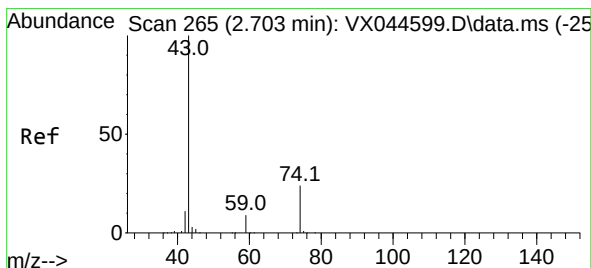
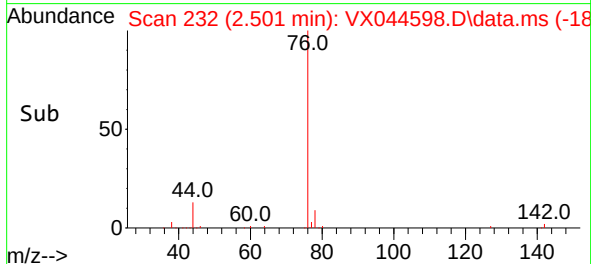
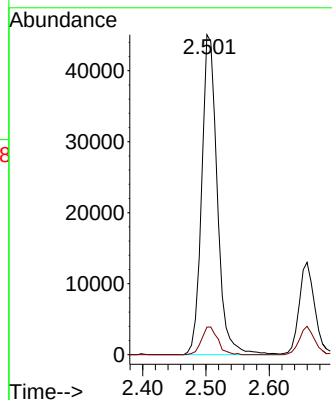
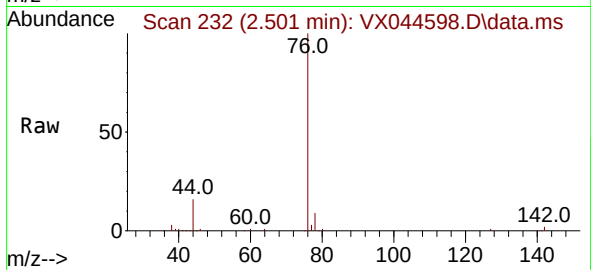




#17
Carbon Disulfide
Concen: 18.299 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

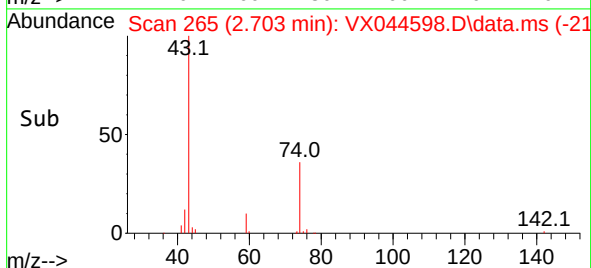
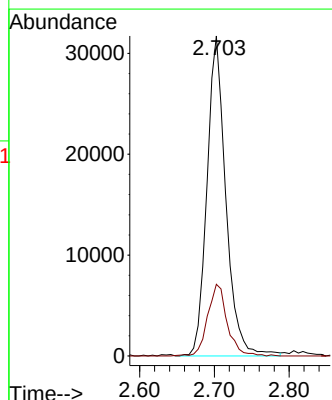
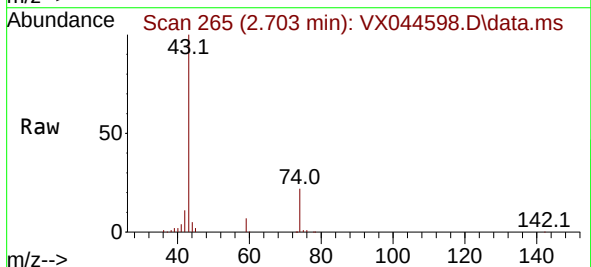
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

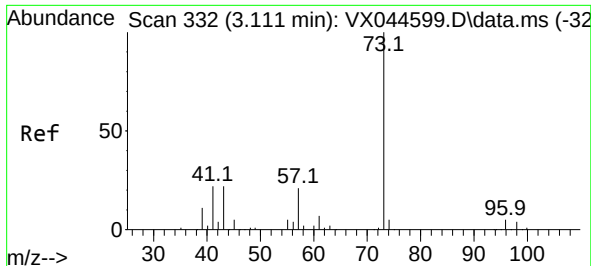
Tgt Ion: 76 Resp: 77403
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 20.331 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 43 Resp: 55761
Ion Ratio Lower Upper
43 100
74 23.1 19.3 28.9

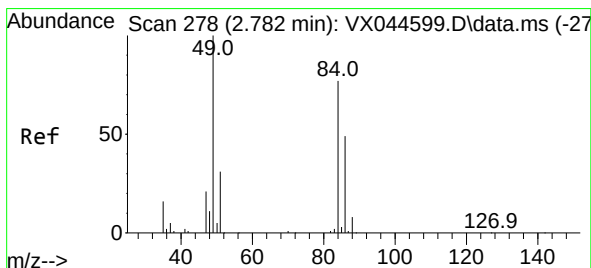
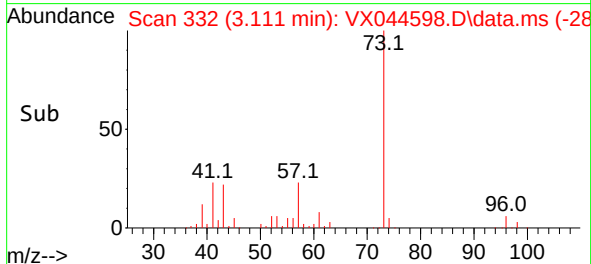
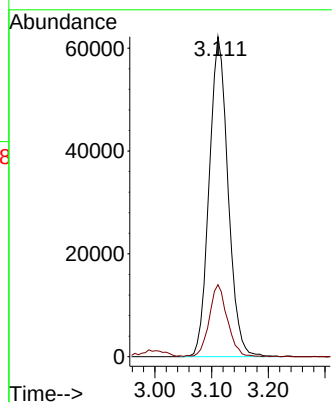
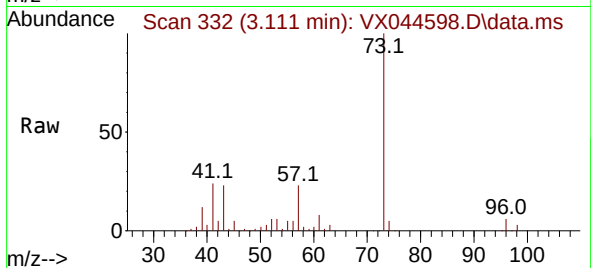




#19
Methyl tert-butyl Ether
Concen: 20.498 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

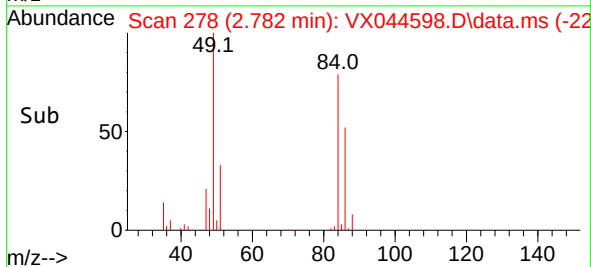
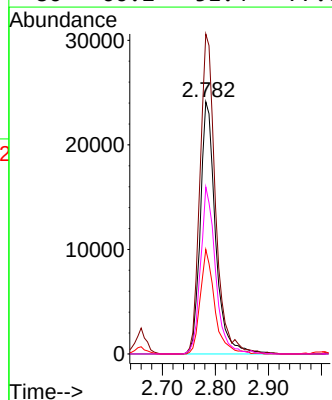
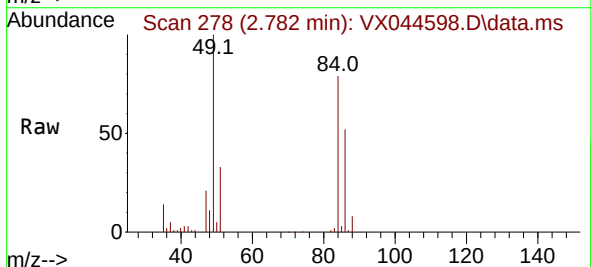
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

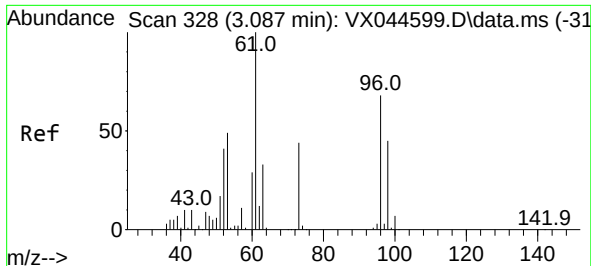
Tgt Ion: 73 Resp: 143696
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.4



#20
Methylene Chloride
Concen: 20.404 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 84 Resp: 48372
Ion Ratio Lower Upper
84 100
49 126.9 104.4 156.6
51 41.4 32.0 48.0
86 66.2 51.4 77.0

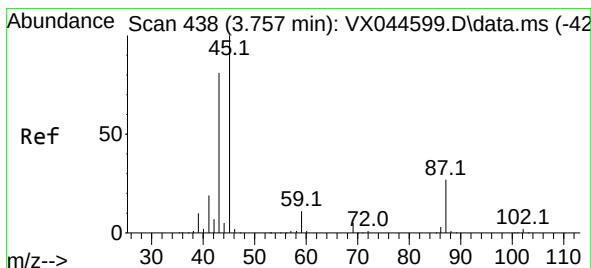
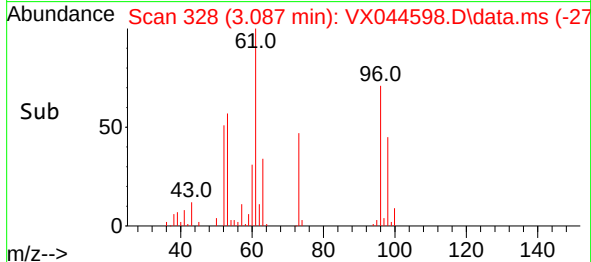
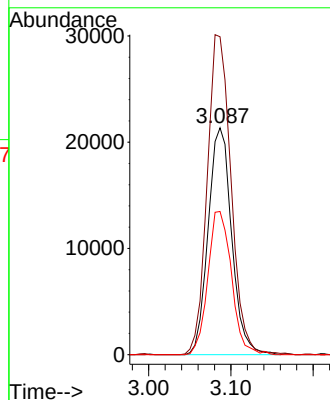
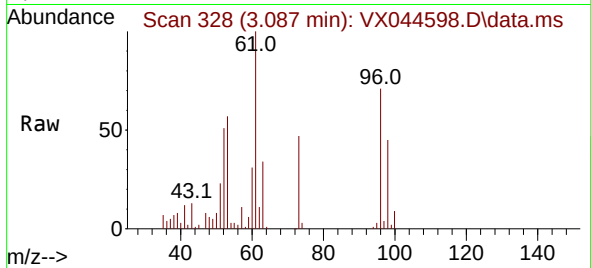




#21
trans-1,2-Dichloroethene
Concen: 20.218 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

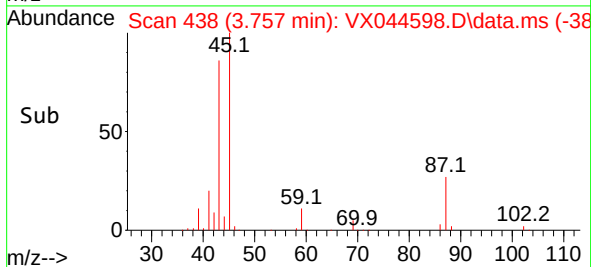
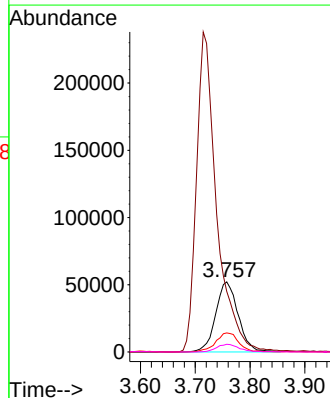
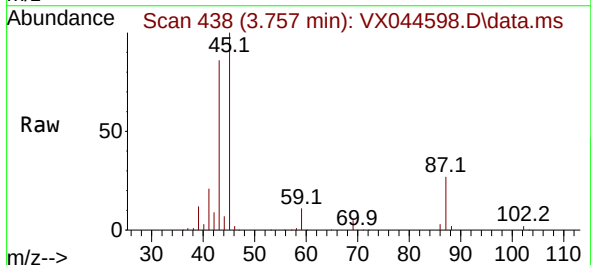
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

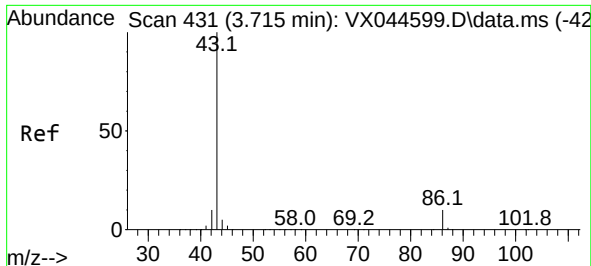
Tgt Ion: 96 Resp: 42447
Ion Ratio Lower Upper
96 100
61 140.1 118.5 177.7
98 63.1 53.4 80.0



#22
Diisopropyl ether
Concen: 21.193 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 45 Resp: 148218
Ion Ratio Lower Upper
45 100
43 85.8 64.6 97.0
87 27.1 21.8 32.8
59 11.0 8.6 12.8

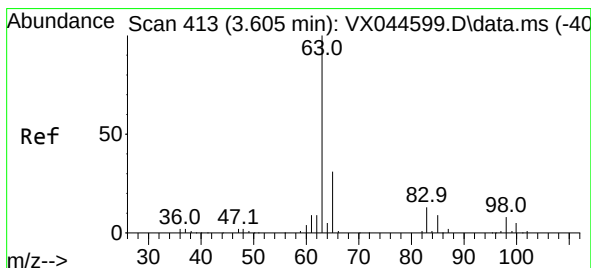
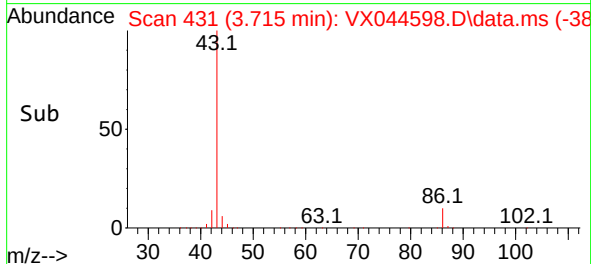
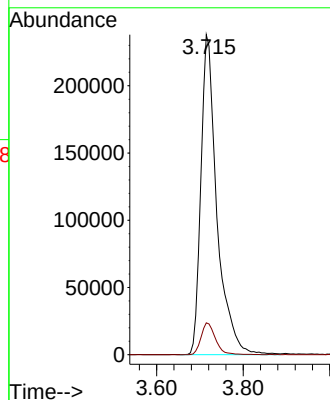
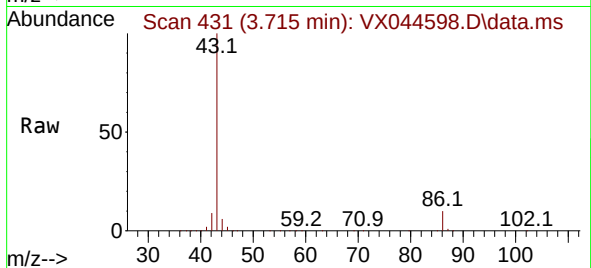




#23
 Vinyl Acetate
 Concen: 108.186 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

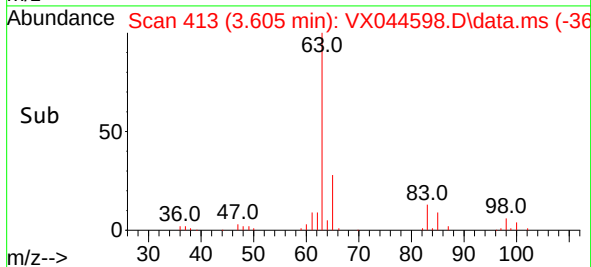
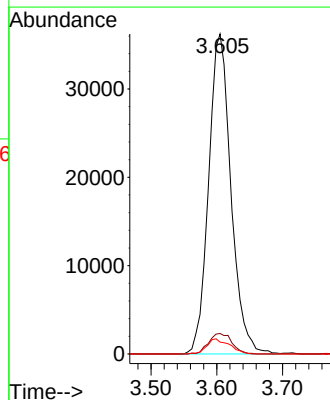
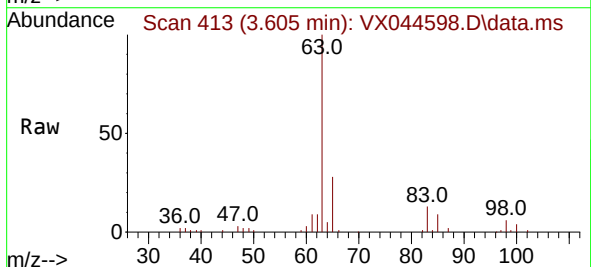
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

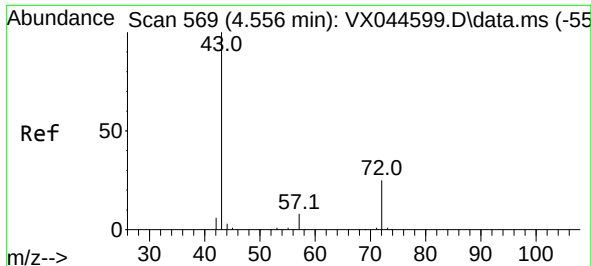
Tgt Ion: 43 Resp: 611827
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 21.020 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

Tgt Ion: 63 Resp: 85657
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 3.7 2.4 7.2

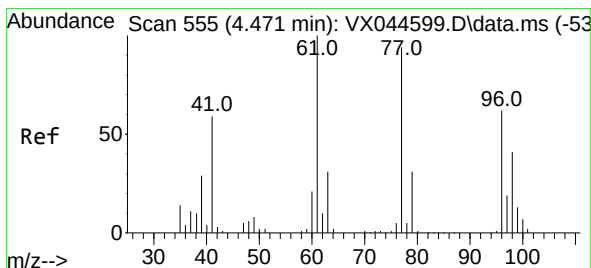
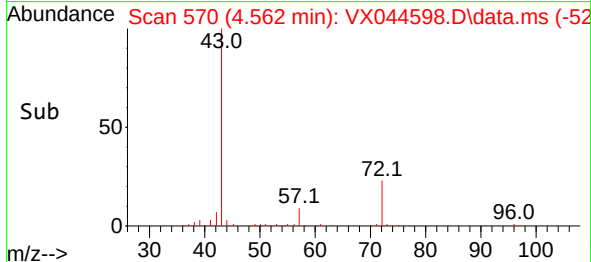
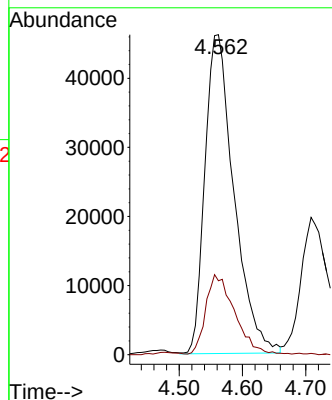
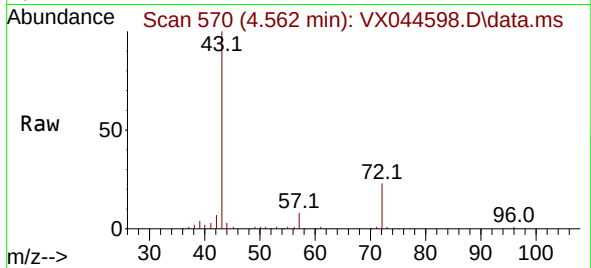




#25
2-Butanone
Concen: 109.752 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

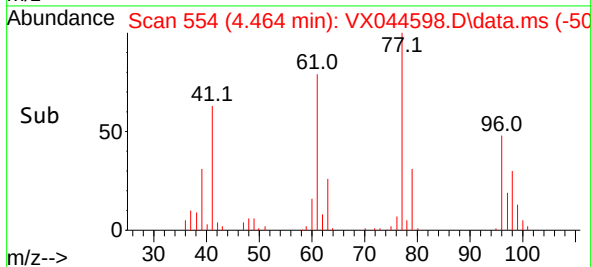
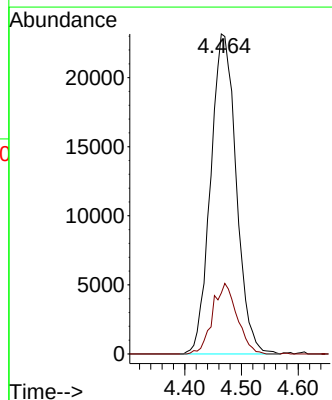
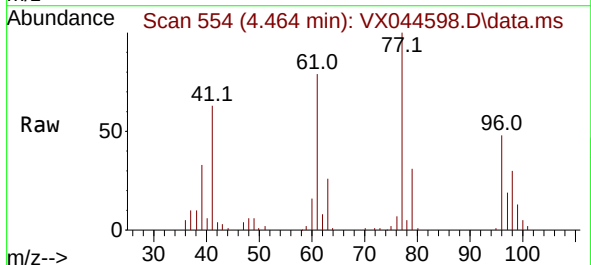
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

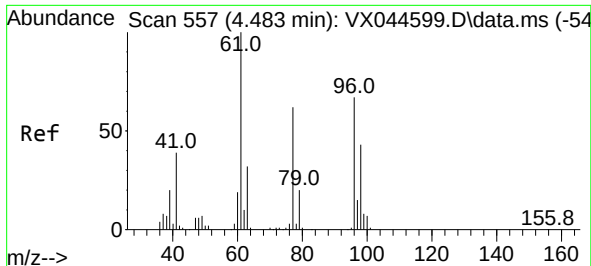
Tgt Ion: 43 Resp: 147205
Ion Ratio Lower Upper
43 100
72 22.8 20.2 30.2



#26
2,2-Dichloropropane
Concen: 20.594 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 77 Resp: 72557
Ion Ratio Lower Upper
77 100
97 21.1 10.7 32.1

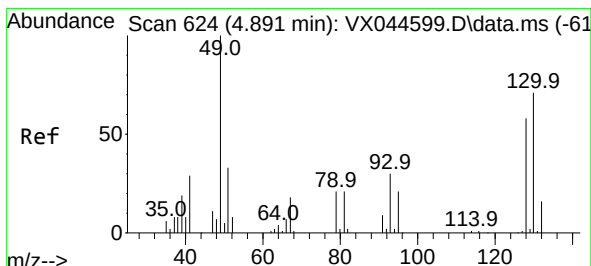
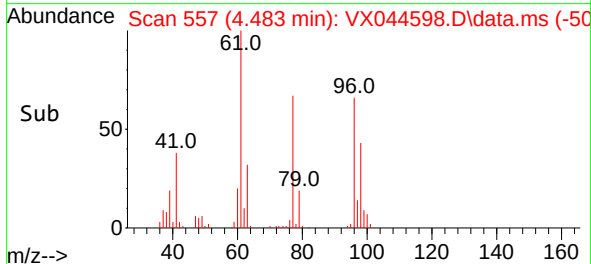
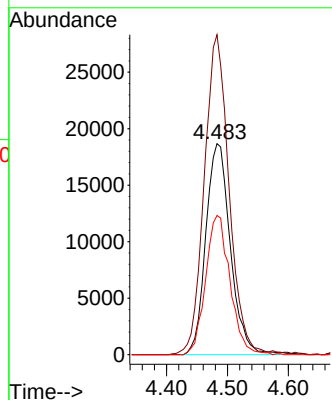
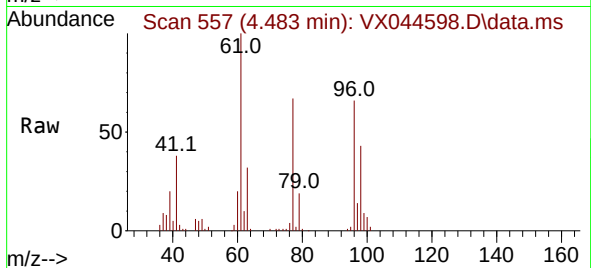




#27
 cis-1,2-Dichloroethene
 Concen: 20.418 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

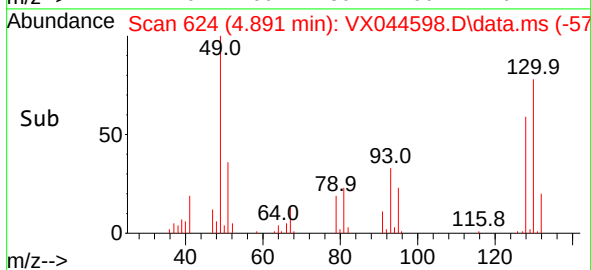
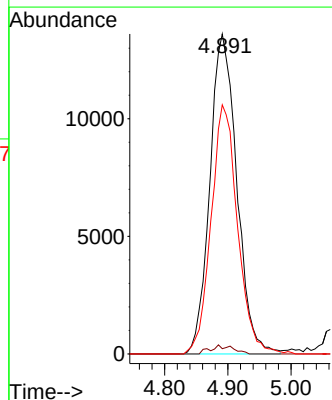
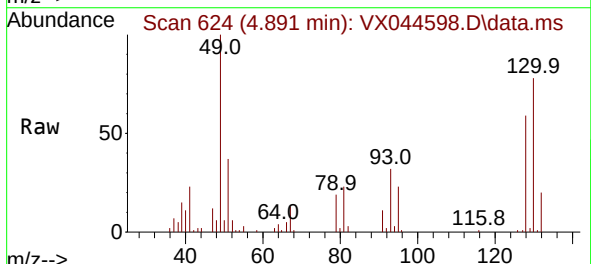
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

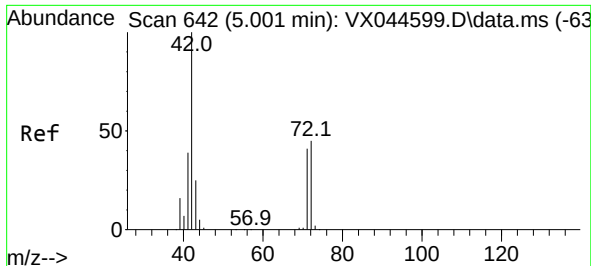
Tgt Ion: 96 Resp: 52269
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 302.8
 98 65.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.204 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

Tgt Ion: 49 Resp: 40221
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 76.6 58.8 88.2





#29

Tetrahydrofuran

Concen: 105.382 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

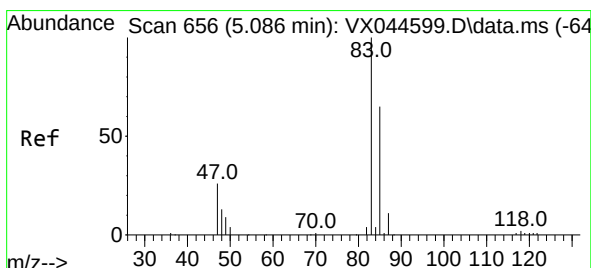
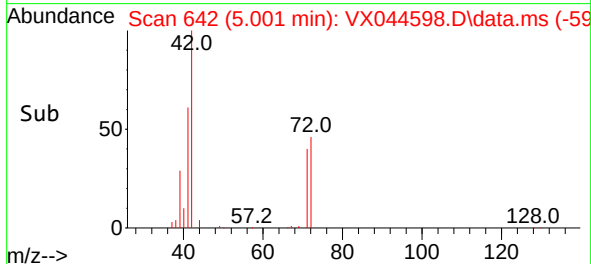
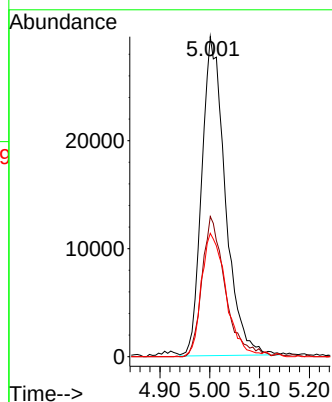
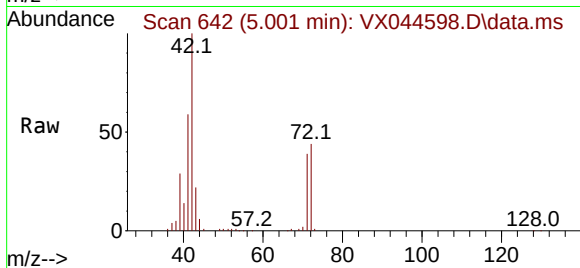
Tgt Ion: 42 Resp: 96792

Ion Ratio Lower Upper

42 100

72 43.3 36.1 54.1

71 40.4 33.0 49.6



#30

Chloroform

Concen: 20.946 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX044598.D

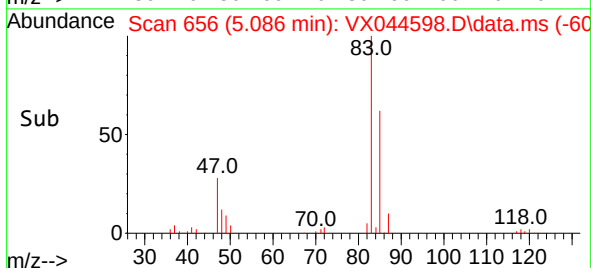
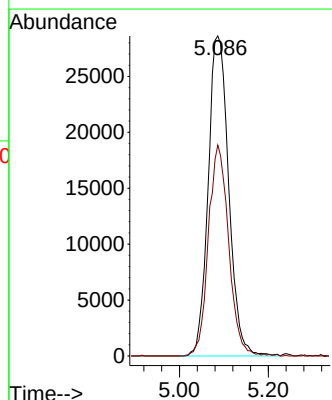
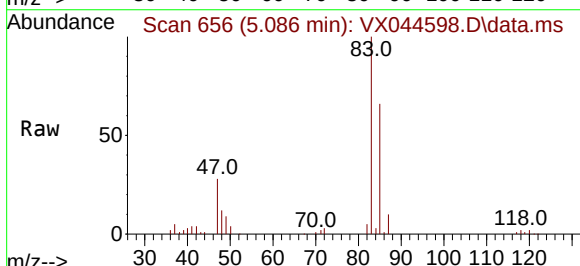
Acq: 07 Jan 2025 10:51

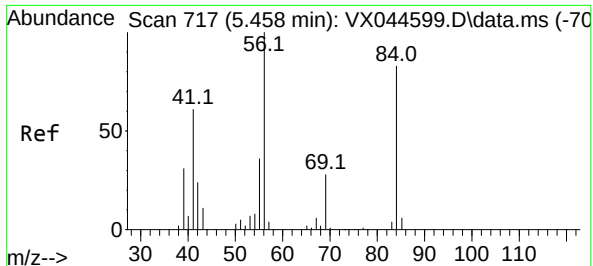
Tgt Ion: 83 Resp: 92017

Ion Ratio Lower Upper

83 100

85 65.9 52.3 78.5

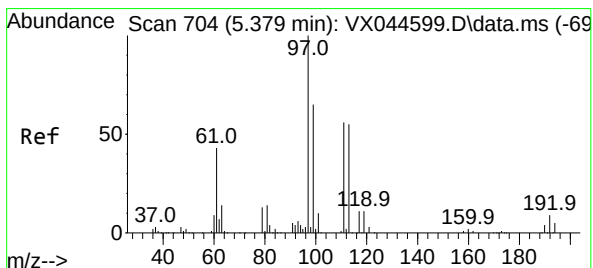
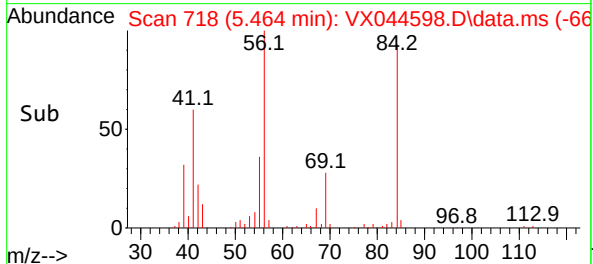
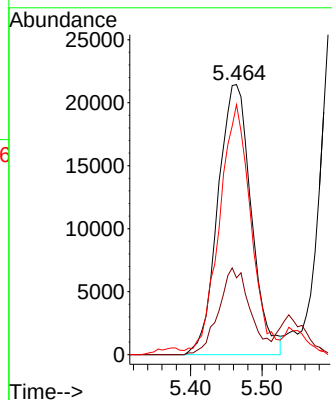
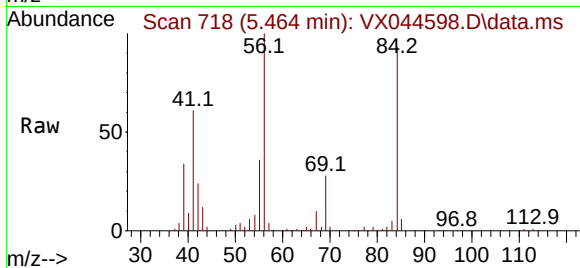




#31
Cyclohexane
Concen: 20.758 ug/l
RT: 5.464 min Scan# 717
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

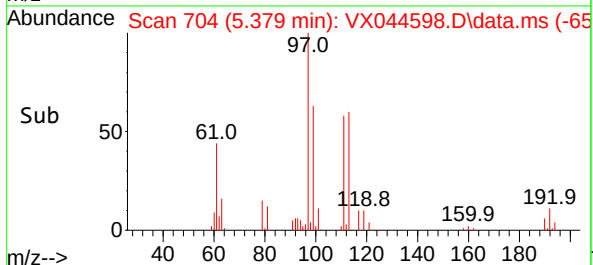
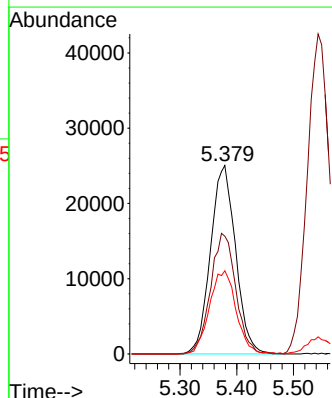
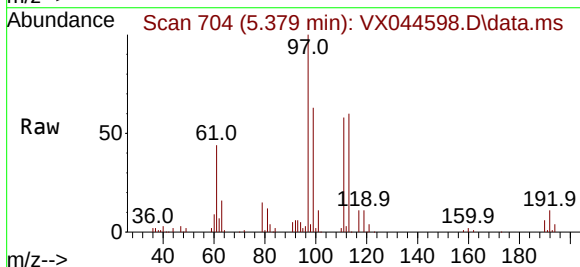
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

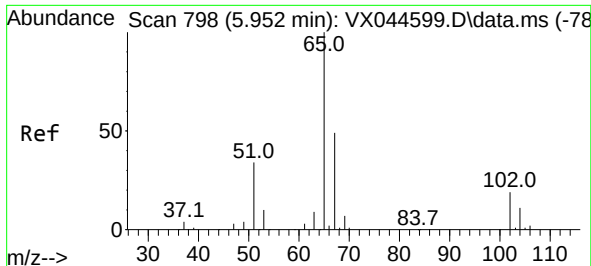
Tgt Ion: 56	Resp: 69453
Ion Ratio	Lower Upper
56 100	
69 28.4	22.2 33.4
84 90.9	66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 20.797 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 97	Resp: 76888
Ion Ratio	Lower Upper
97 100	
99 64.6	52.1 78.1
61 47.0	36.8 55.2





#33

1,2-Dichloroethane-d4

Concen: 21.098 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

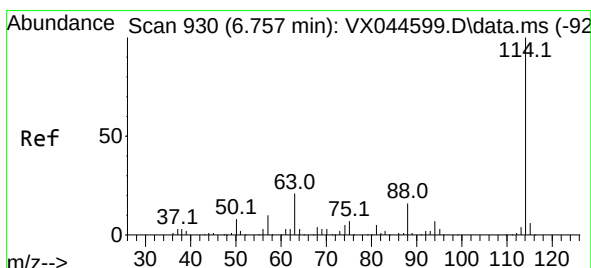
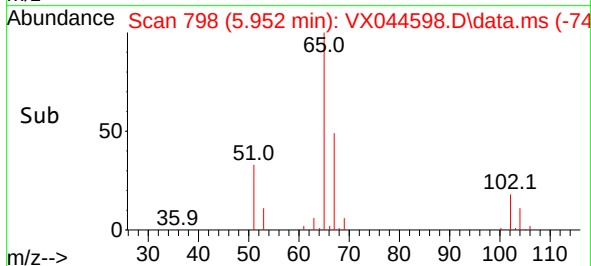
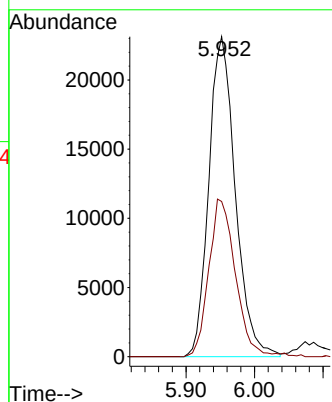
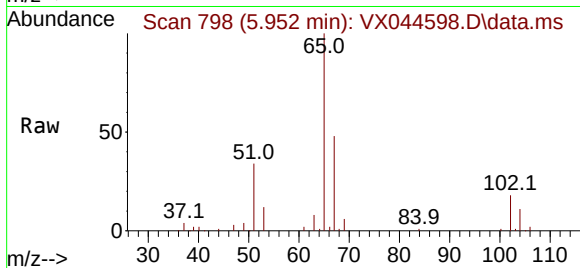
VSTDIC020

Tgt Ion: 65 Resp: 62203

Ion Ratio Lower Upper

65 100

67 49.7 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: VX044598.D

Acq: 07 Jan 2025 10:51

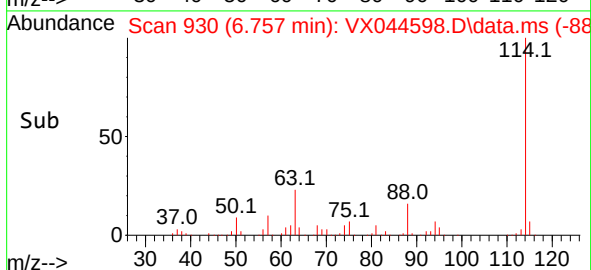
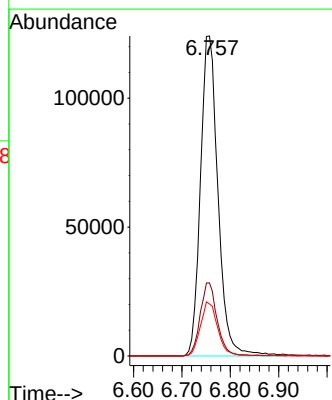
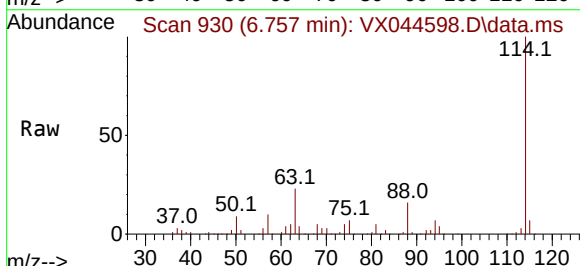
Tgt Ion: 114 Resp: 312202

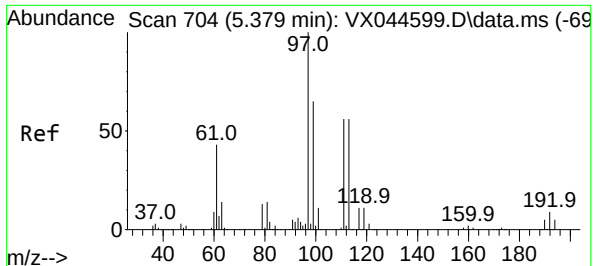
Ion Ratio Lower Upper

114 100

63 22.9 0.0 42.6

88 16.3 0.0 32.6

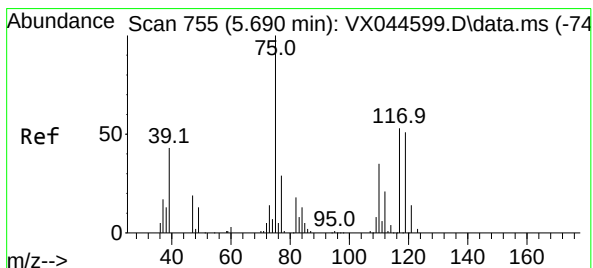
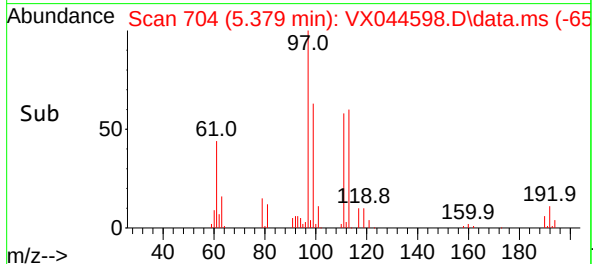
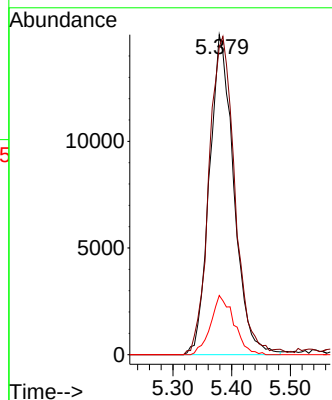
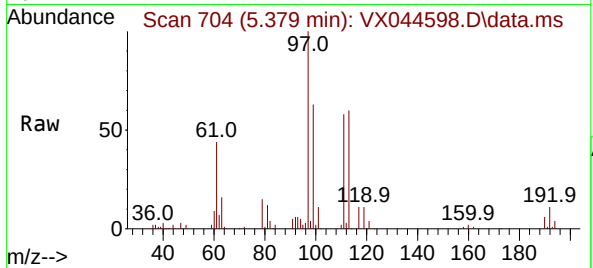




#35
Dibromofluoromethane
Concen: 20.232 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

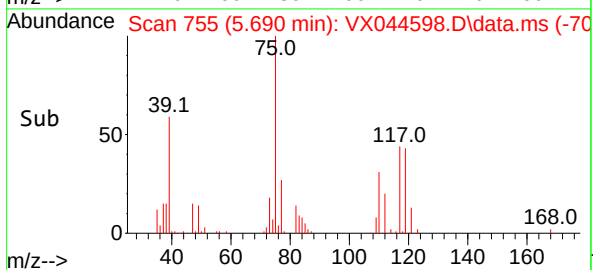
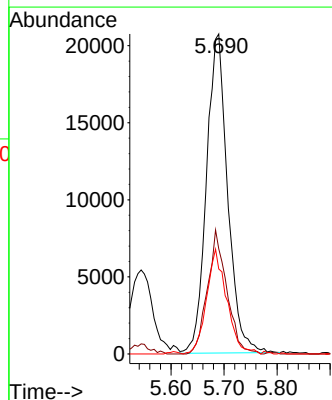
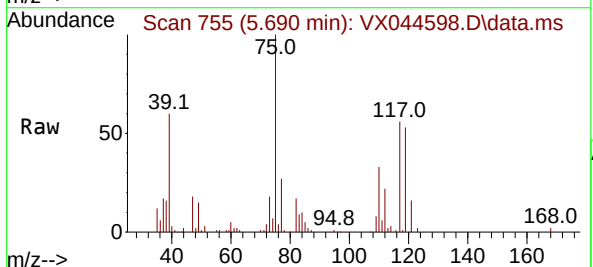
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

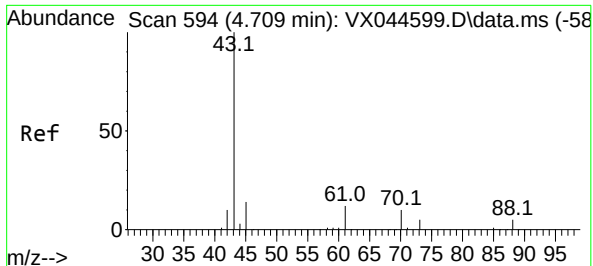
Tgt Ion:113 Resp: 43312
Ion Ratio Lower Upper
113 100
111 105.2 83.3 124.9
192 17.7 14.3 21.5



#36
1,1-Dichloropropene
Concen: 20.780 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 75 Resp: 57525
Ion Ratio Lower Upper
75 100
110 35.5 17.3 51.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 21.845 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

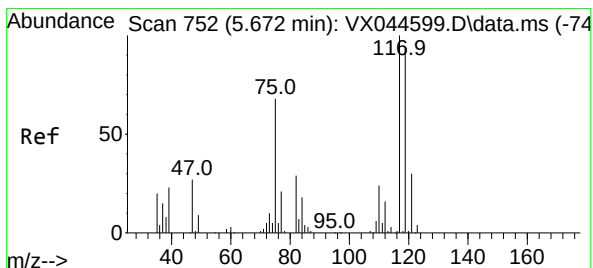
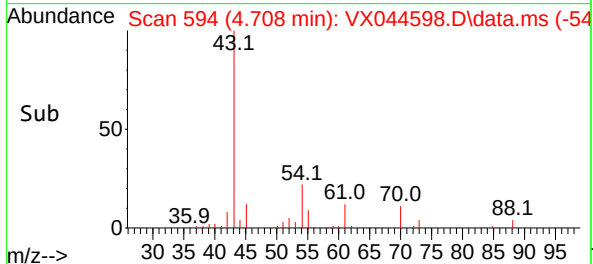
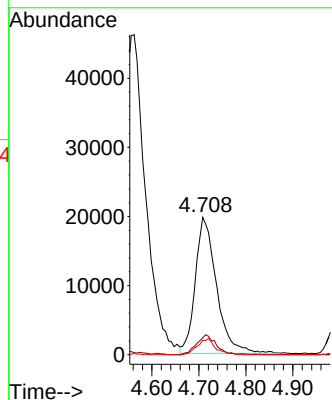
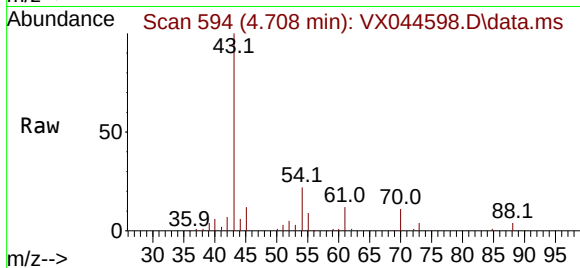
Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43	Resp: 61814
Ion Ratio	Lower Upper
43 100	
61 13.1	9.9 14.9
70 10.1	8.0 12.0



#38

Carbon Tetrachloride

Concen: 19.945 ug/l

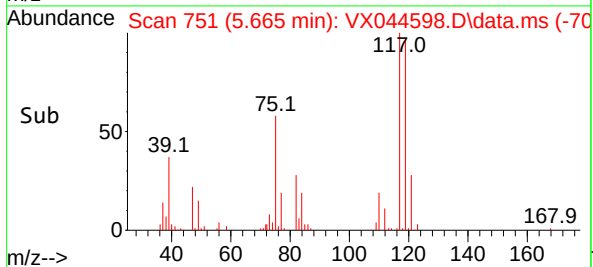
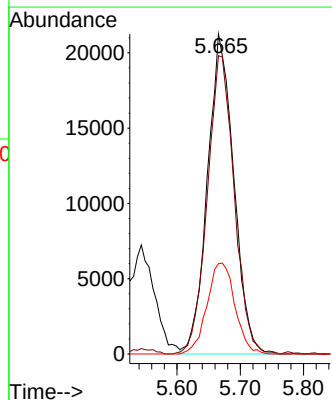
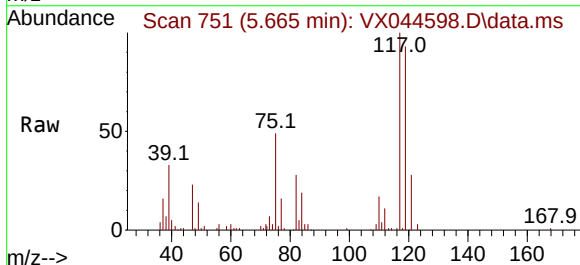
RT: 5.665 min Scan# 751

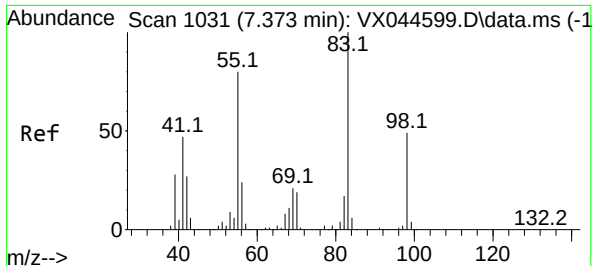
Delta R.T. -0.006 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion: 117	Resp: 61261
Ion Ratio	Lower Upper
117 100	
119 93.2	74.5 111.7
121 28.2	24.1 36.1





#39

Methylcyclohexane

Concen: 20.220 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

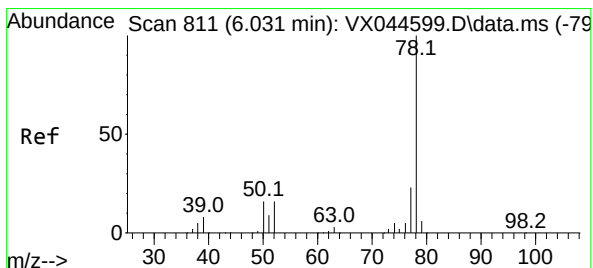
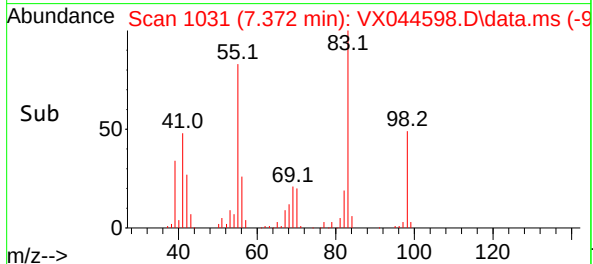
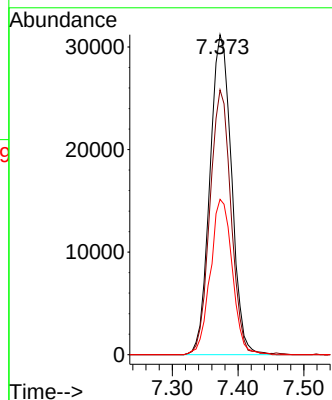
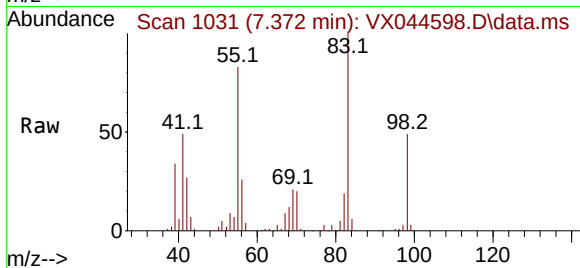
Tgt Ion: 83 Resp: 71421

Ion Ratio Lower Upper

83 100

55 82.7 64.1 96.1

98 48.6 38.9 58.3



#40

Benzene

Concen: 20.965 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX044598.D

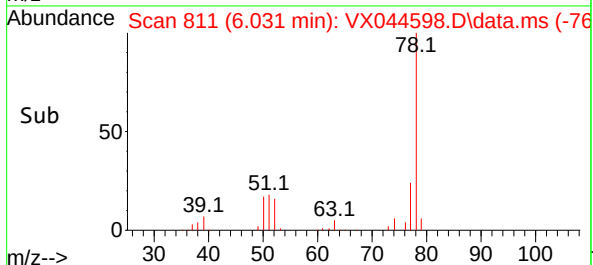
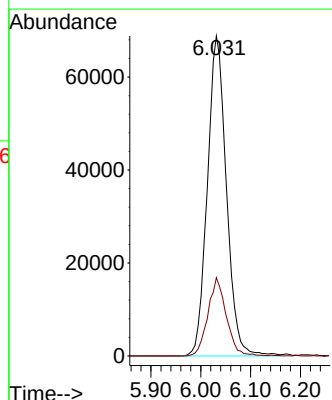
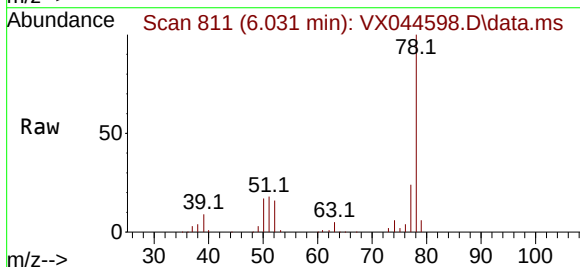
Acq: 07 Jan 2025 10:51

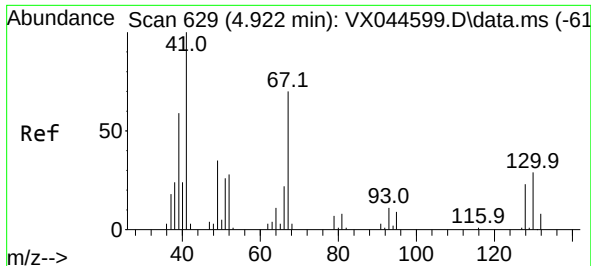
Tgt Ion: 78 Resp: 182735

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2

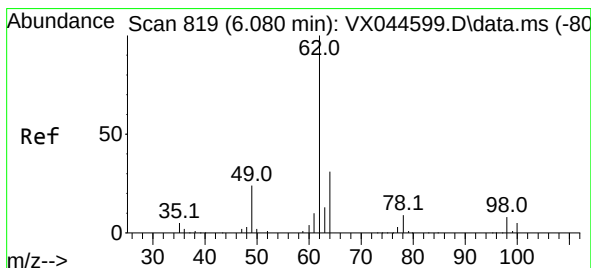
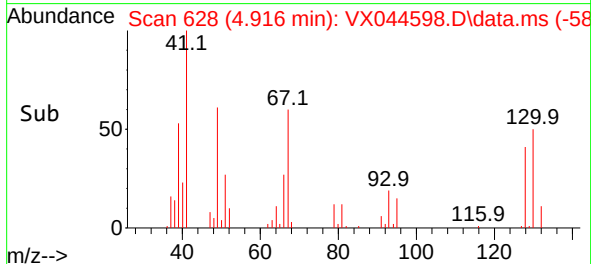
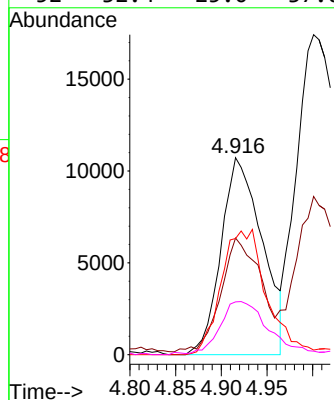
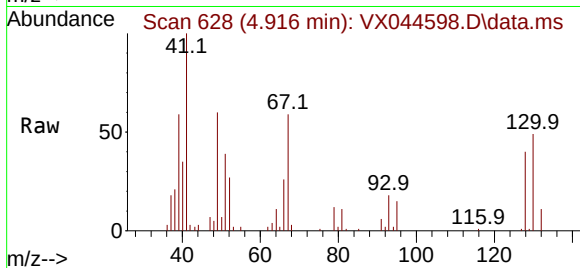




#41
Methacrylonitrile
Concen: 22.068 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

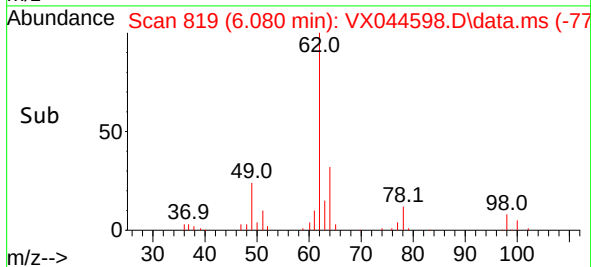
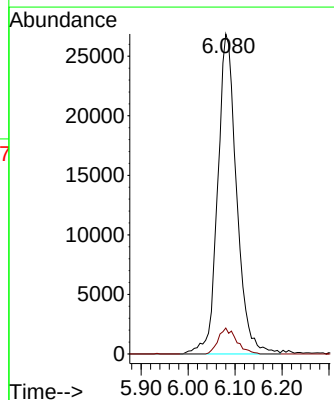
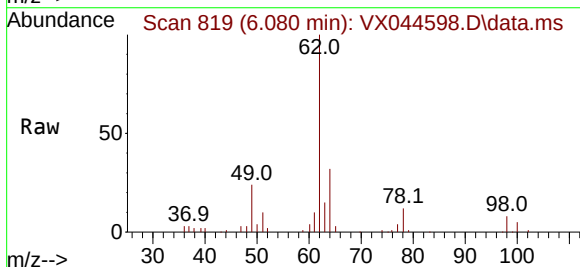
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

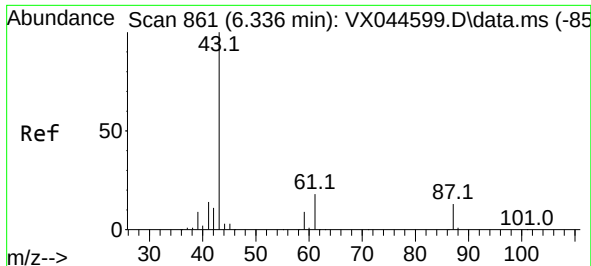
Tgt Ion:	41	Resp:	33545
Ion	Ratio	Lower	Upper
41	100		
39	55.8	47.0	70.4
67	71.1	57.4	86.2
52	32.4	25.0	37.6



#42
1,2-Dichloroethane
Concen: 22.109 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:	62	Resp:	75362
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8

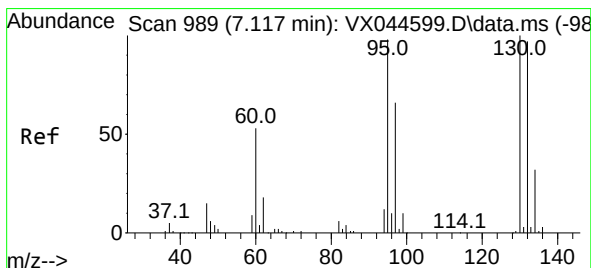
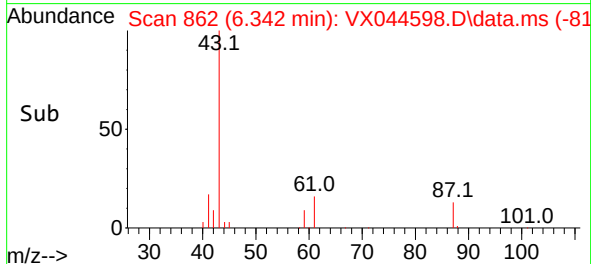
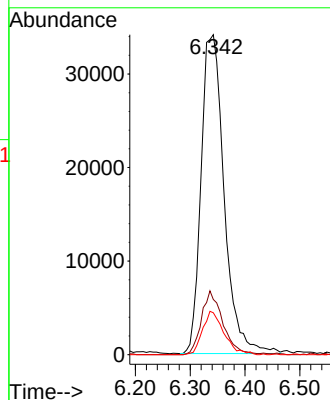
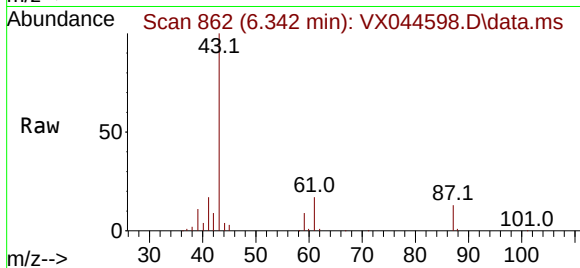




#43
Isopropyl Acetate
Concen: 21.325 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

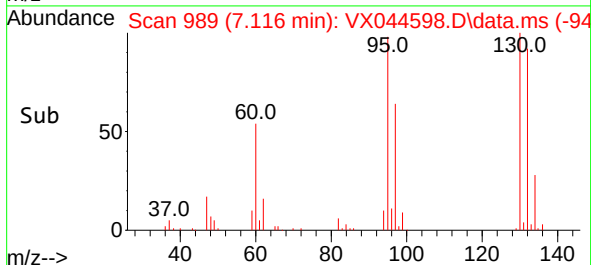
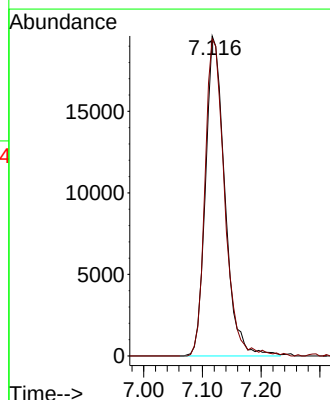
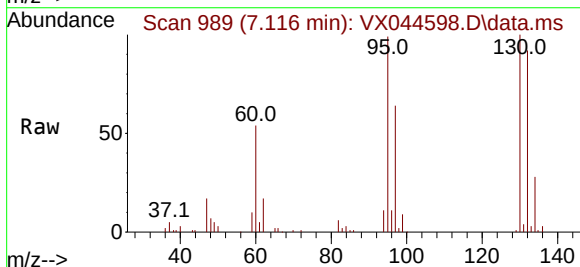
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

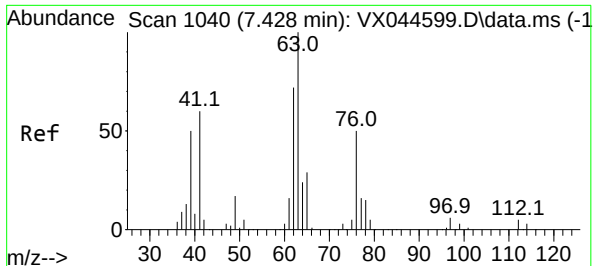
Tgt Ion: 43 Resp: 99627
Ion Ratio Lower Upper
43 100
61 18.4 14.5 21.7
87 12.6 10.1 15.1



#44
Trichloroethene
Concen: 20.086 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:130 Resp: 44753
Ion Ratio Lower Upper
130 100
95 99.1 0.0 195.6





#45

1,2-Dichloropropane

Concen: 21.352 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

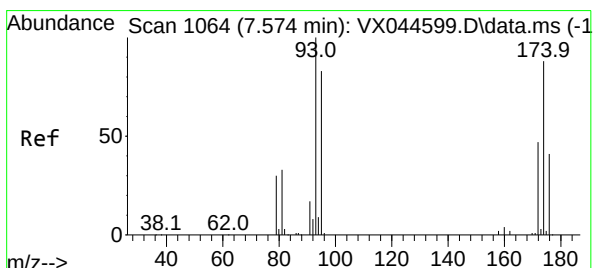
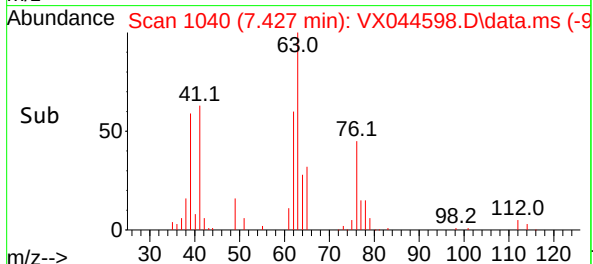
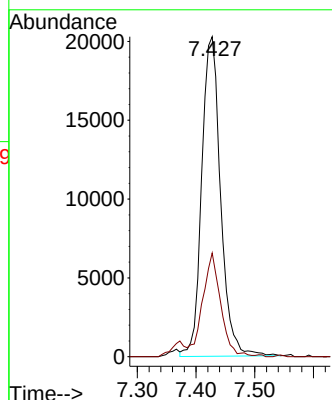
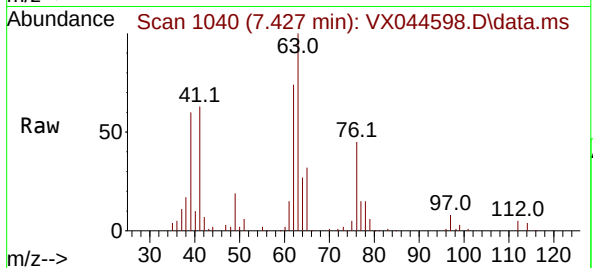
VSTDIC020

Tgt Ion: 63 Resp: 45374

Ion Ratio Lower Upper

63 100

65 31.9 23.0 34.4



#46

Dibromomethane

Concen: 20.895 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

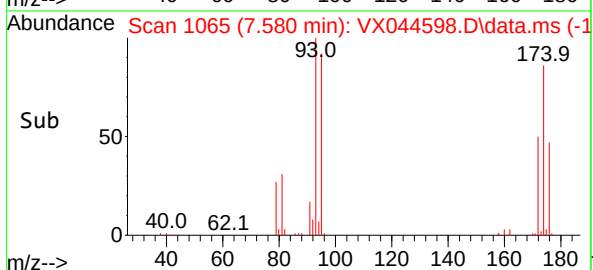
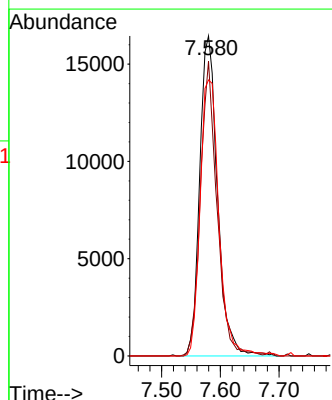
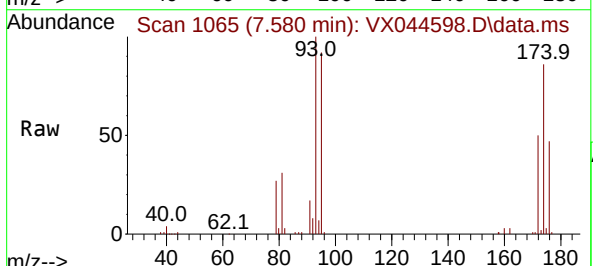
Tgt Ion: 93 Resp: 34533

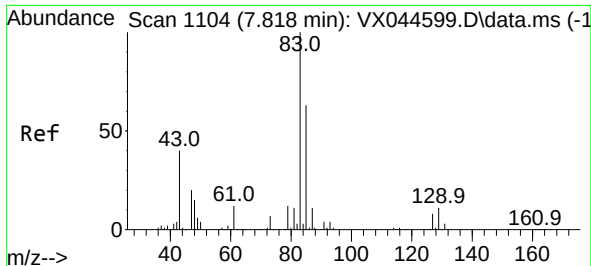
Ion Ratio Lower Upper

93 100

95 86.0 65.8 98.6

174 91.5 73.4 110.0

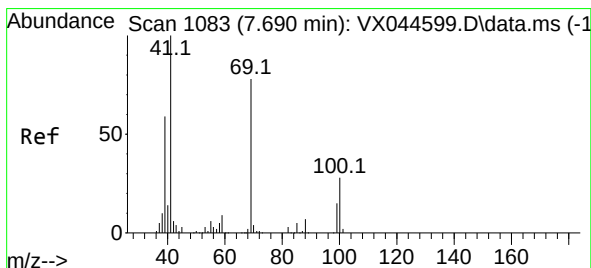
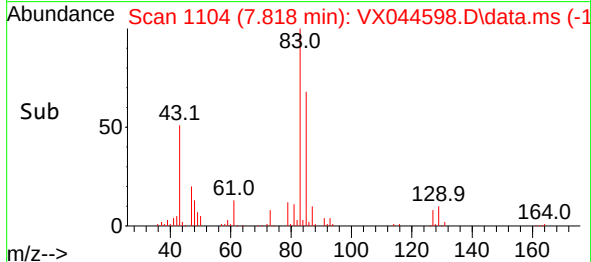
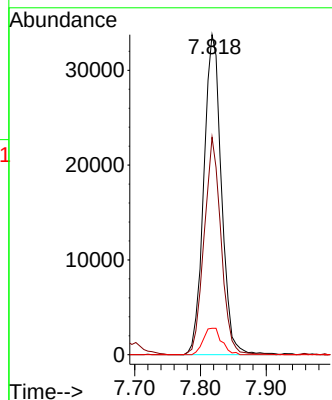
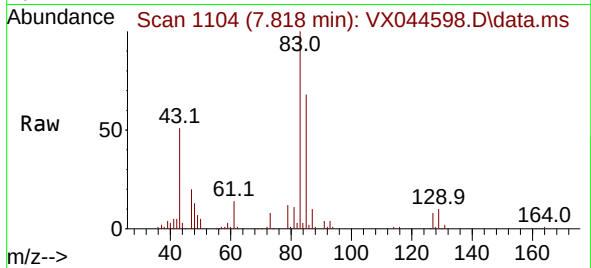




#47
Bromodichloromethane
Concen: 20.903 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

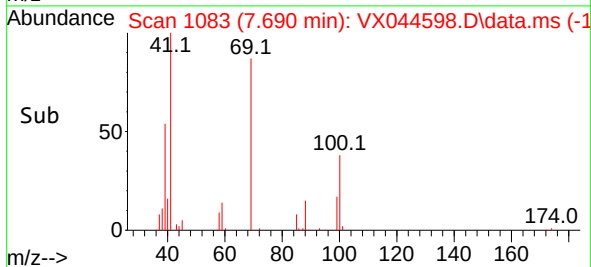
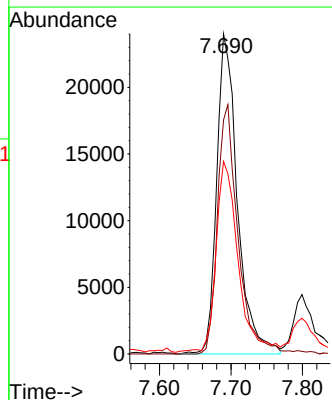
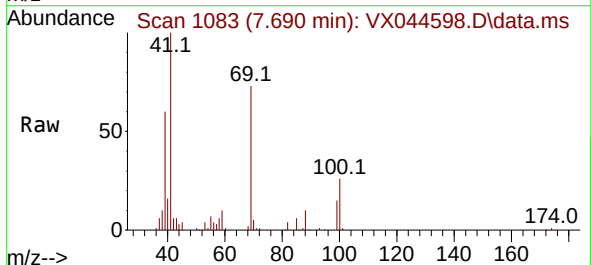
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

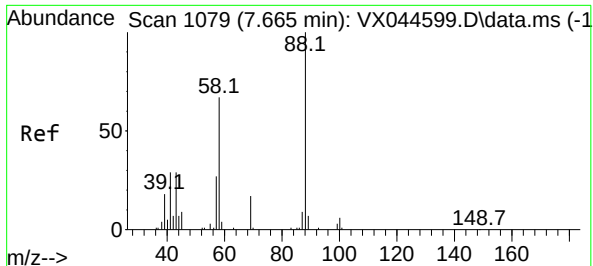
Tgt Ion: 83 Resp: 62867
Ion Ratio Lower Upper
83 100
85 68.0 50.4 75.6
127 8.3 6.2 9.4



#48
Methyl methacrylate
Concen: 21.700 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 41 Resp: 48354
Ion Ratio Lower Upper
41 100
69 77.1 62.9 94.3
39 63.4 48.9 73.3





#49

1,4-Dioxane

Concen: 444.533 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

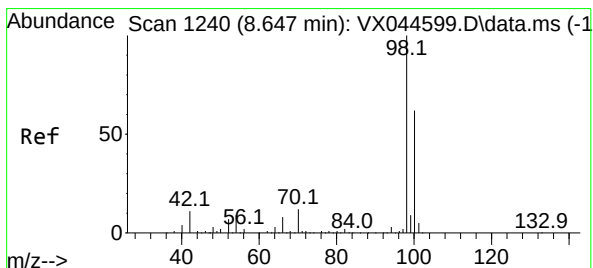
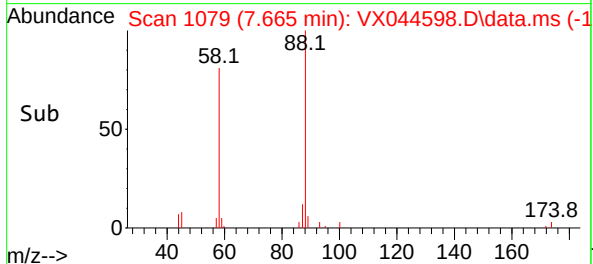
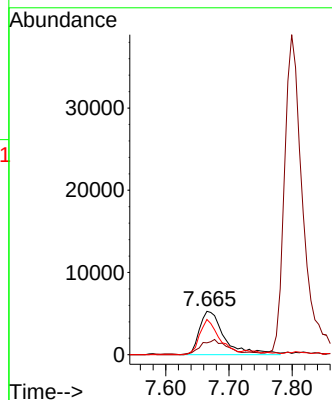
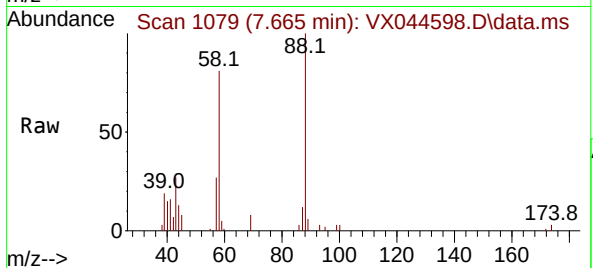
Tgt Ion: 88 Resp: 14556

Ion Ratio Lower Upper

88 100

43 38.7 29.5 44.3

58 63.7 56.3 84.5



#50

Toluene-d8

Concen: 20.722 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044598.D

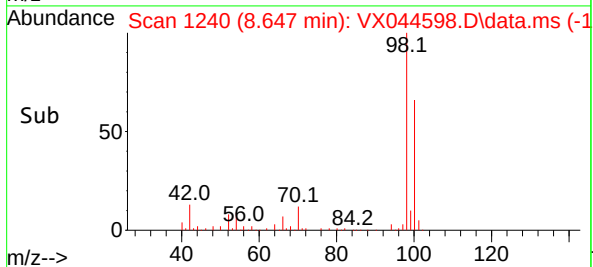
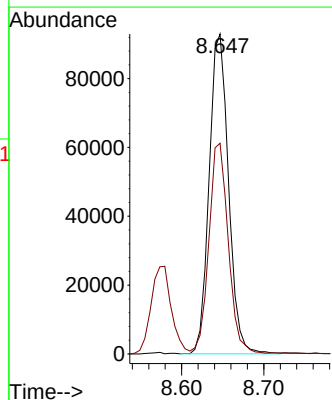
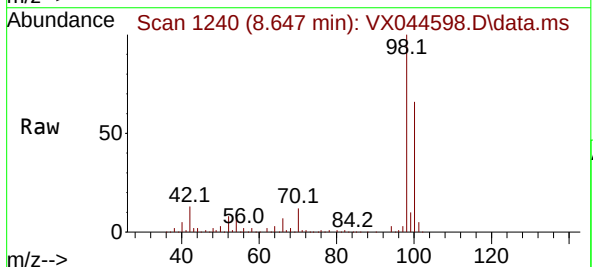
Acq: 07 Jan 2025 10:51

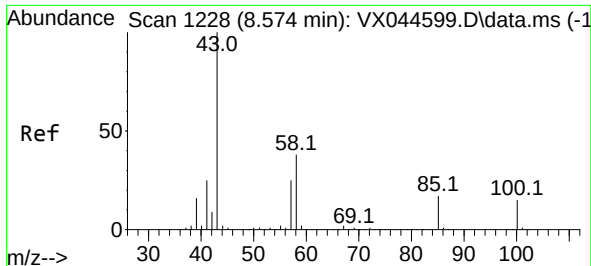
Tgt Ion: 98 Resp: 151532

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7

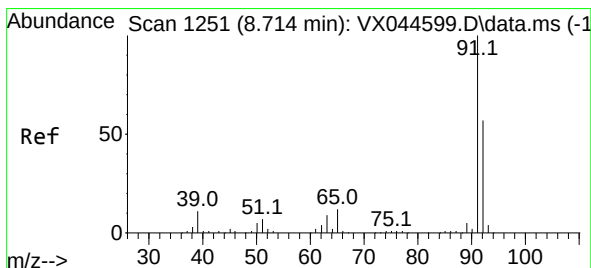
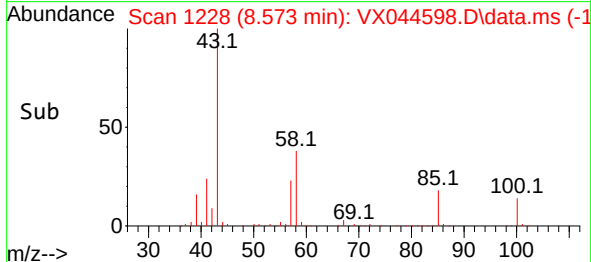
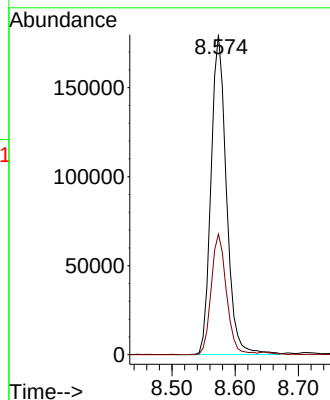
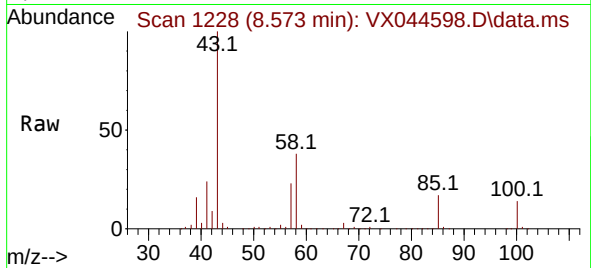




#51
4-Methyl-2-Pentanone
Concen: 111.120 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

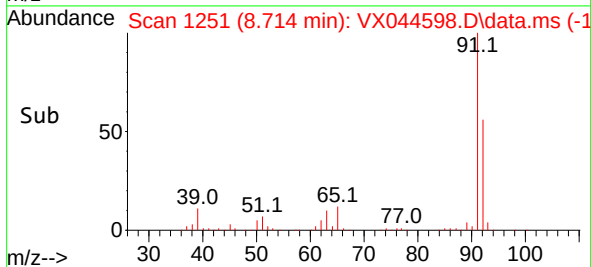
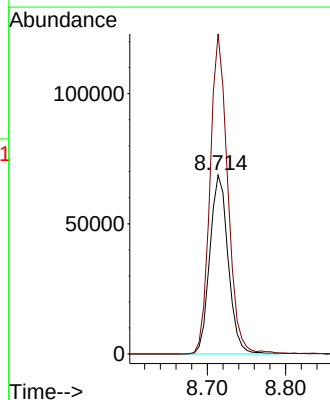
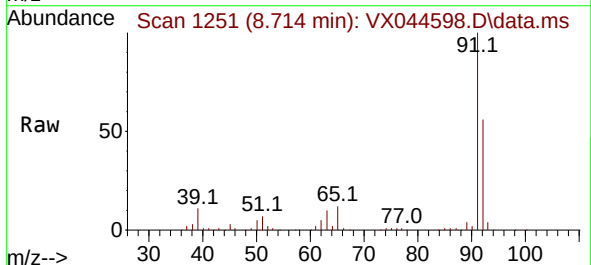
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

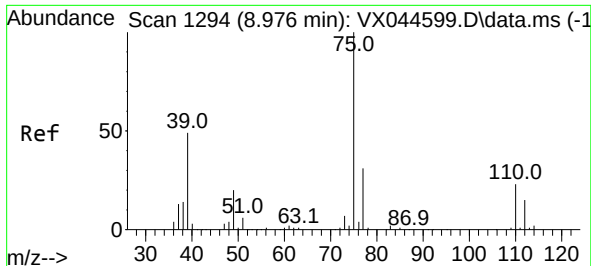
Tgt Ion: 43 Resp: 303467
Ion Ratio Lower Upper
43 100
58 37.5 30.0 45.0



#52
Toluene
Concen: 21.272 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 92 Resp: 111872
Ion Ratio Lower Upper
92 100
91 172.6 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 21.133 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

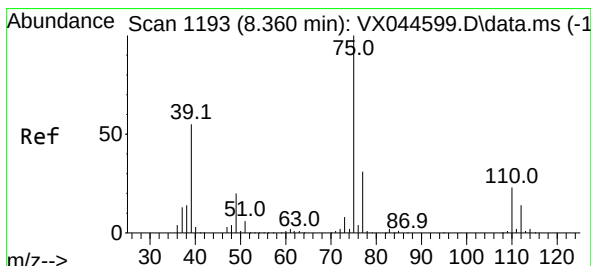
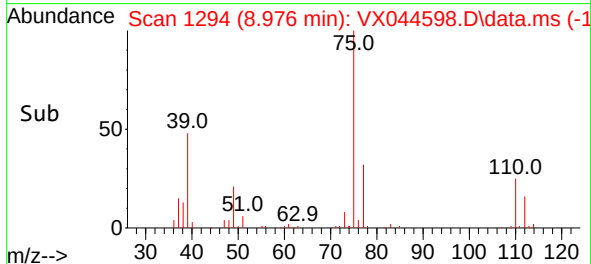
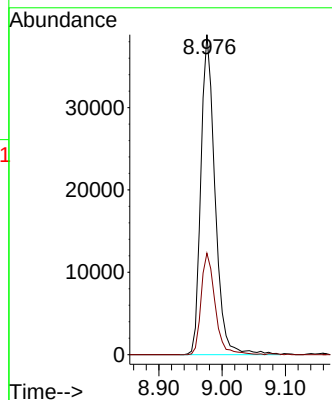
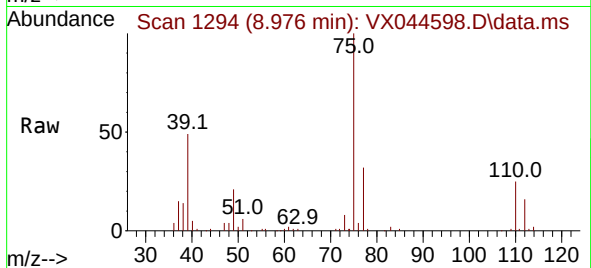
VSTDIC020

Tgt Ion: 75 Resp: 60752

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 20.586 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

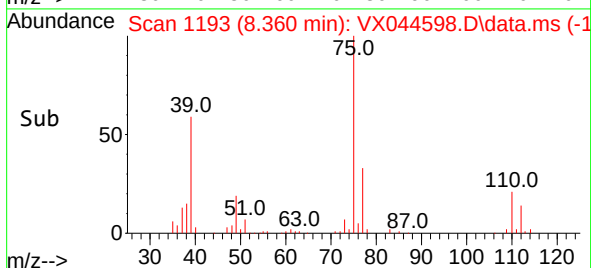
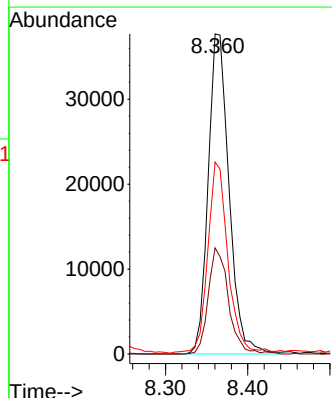
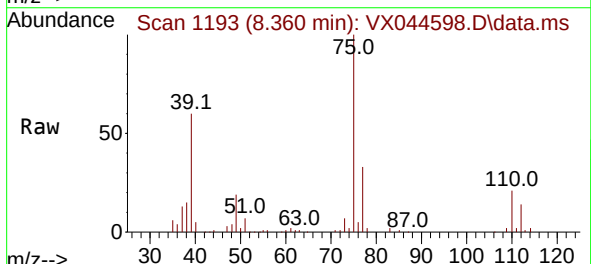
Tgt Ion: 75 Resp: 66510

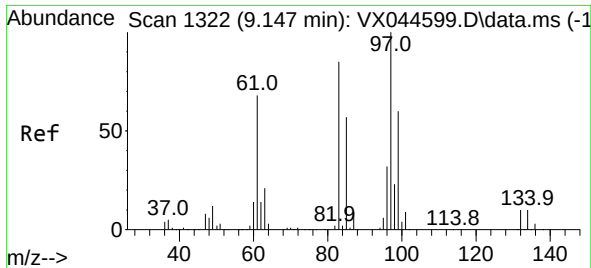
Ion Ratio Lower Upper

75 100

77 33.2 24.5 36.7

39 59.3 44.3 66.5



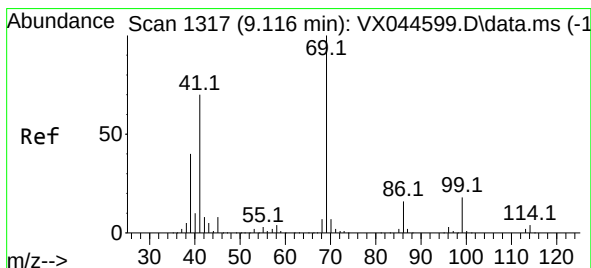
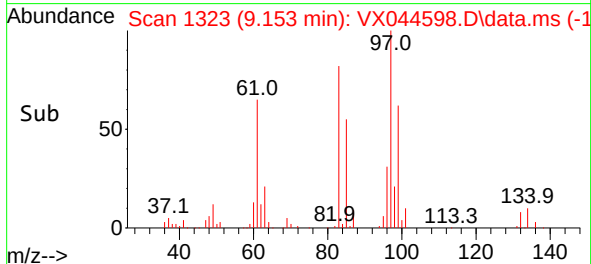
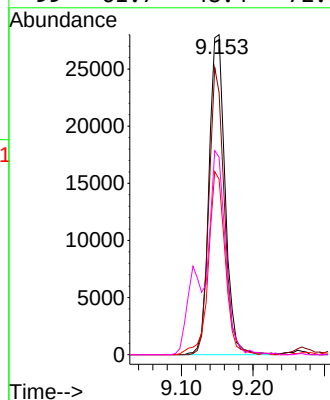
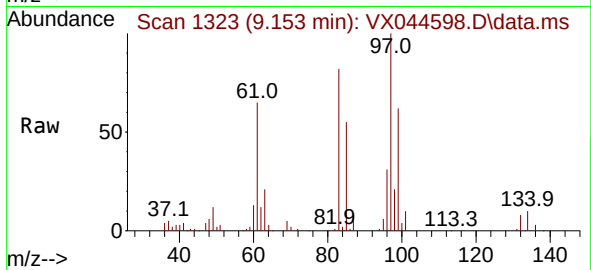


#55
1,1,2-Trichloroethane
Concen: 21.158 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 43622

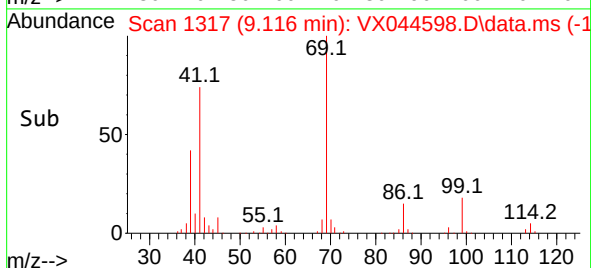
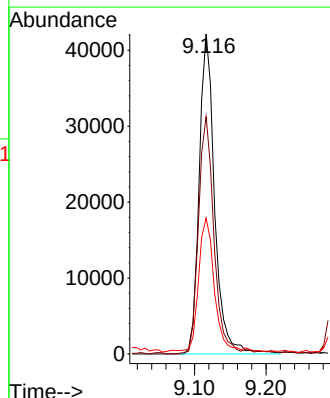
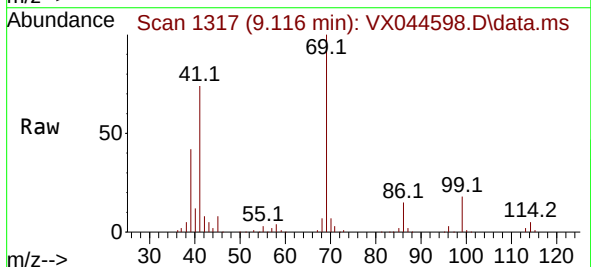
Ion	Ratio	Lower	Upper
97	100		
83	81.9	68.0	102.0
85	54.9	45.4	68.0
99	61.7	48.4	72.6

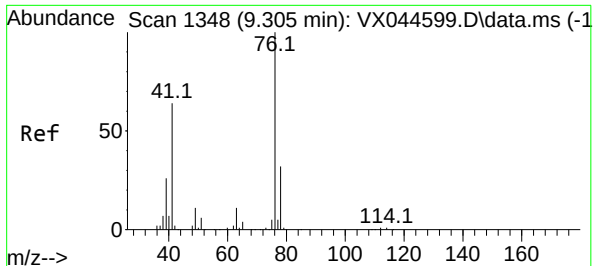


#56
Ethyl methacrylate
Concen: 21.068 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 69 Resp: 63170

Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.7	86.5
39	43.5	33.7	50.5

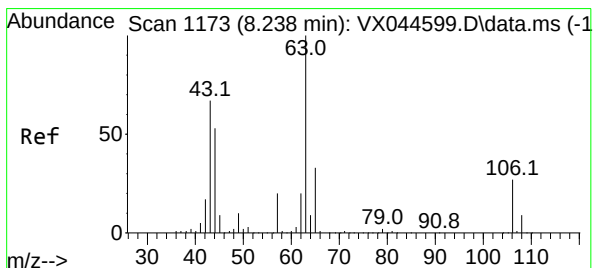
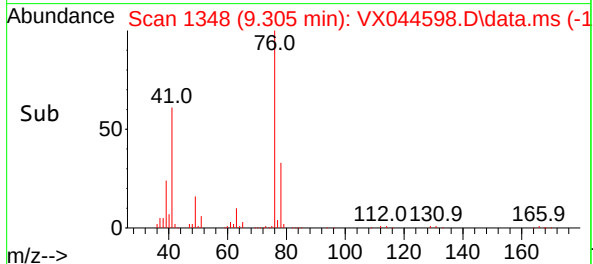
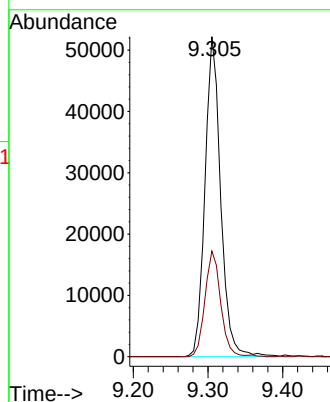
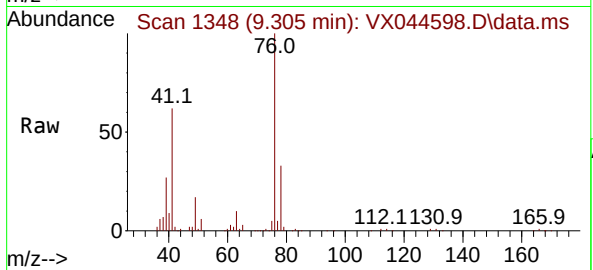




#57
1,3-Dichloropropane
Concen: 21.969 ug/l
RT: 9.305 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

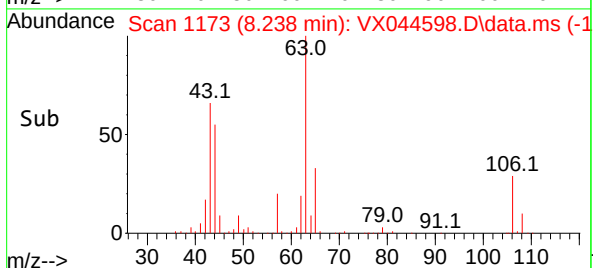
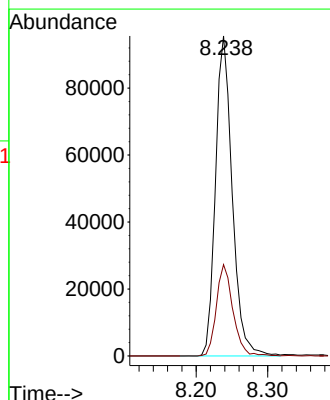
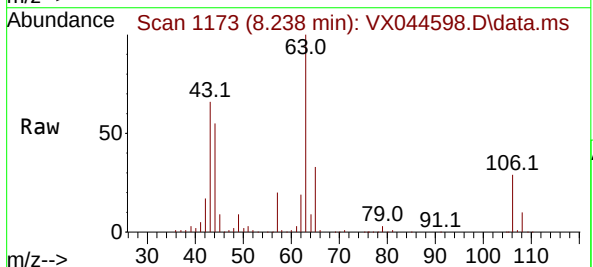
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

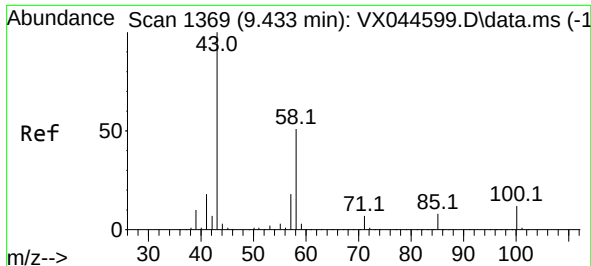
Tgt Ion: 76 Resp: 76059
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 104.333 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 63 Resp: 155083
Ion Ratio Lower Upper
63 100
106 28.2 22.4 33.6

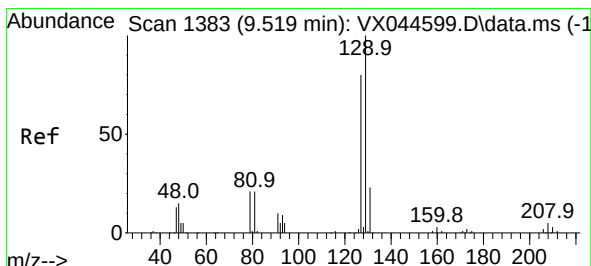
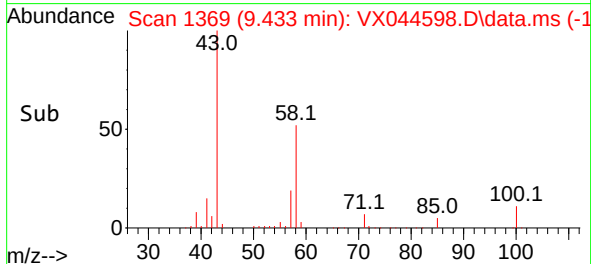
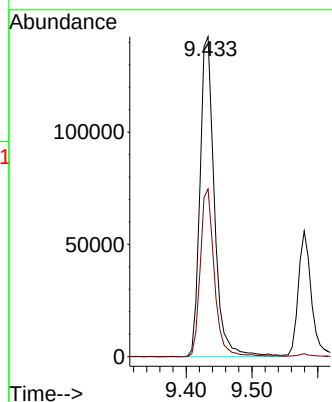
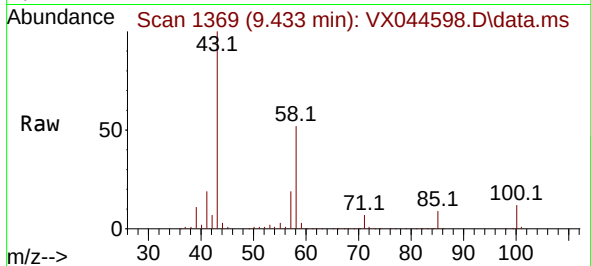




#59
2-Hexanone
Concen: 112.353 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

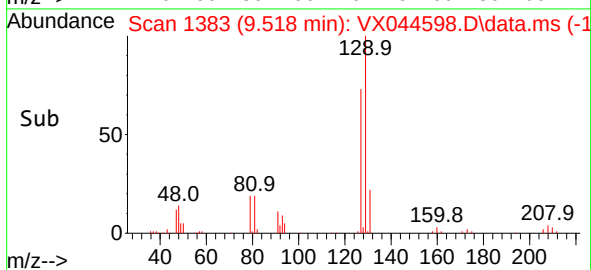
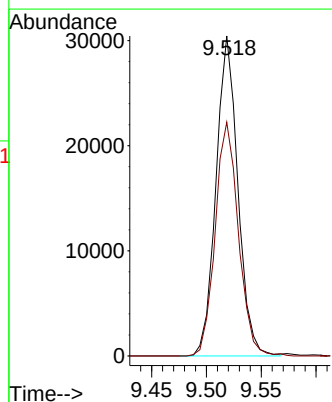
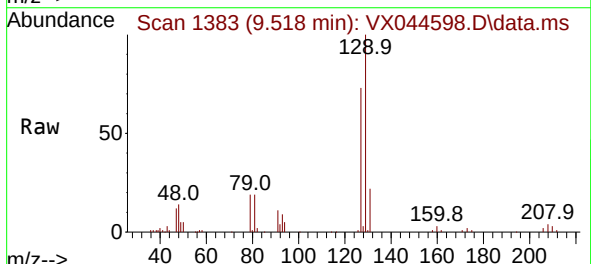
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

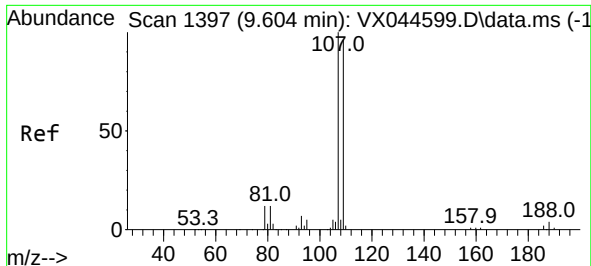
Tgt Ion: 43 Resp: 216998
Ion Ratio Lower Upper
43 100
58 51.4 25.4 76.4



#60
Dibromochloromethane
Concen: 20.568 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 129 Resp: 42282
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7

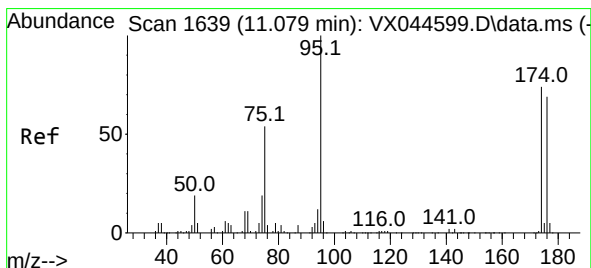
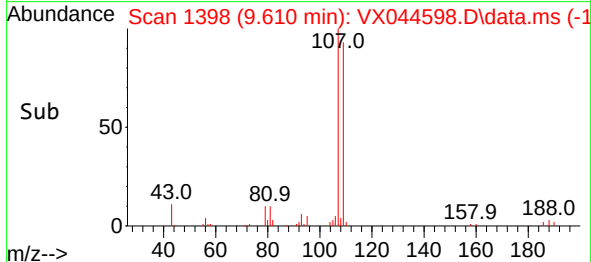
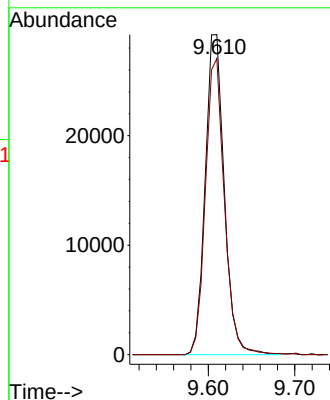
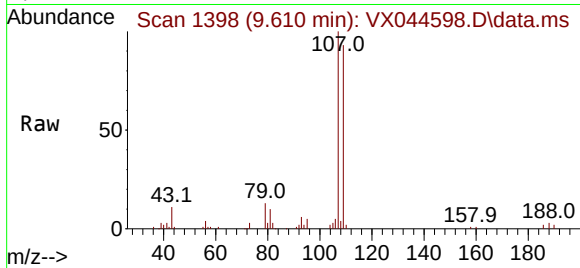




#61
1,2-Dibromoethane
Concen: 21.501 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

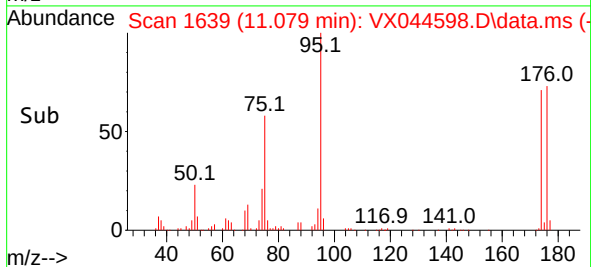
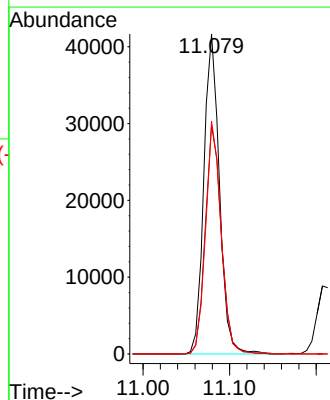
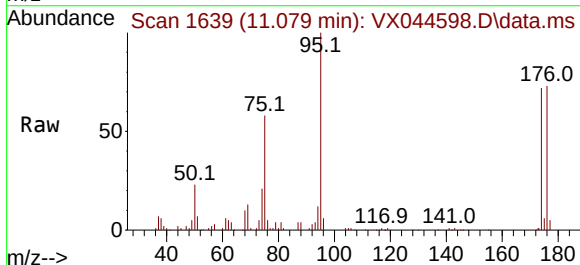
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

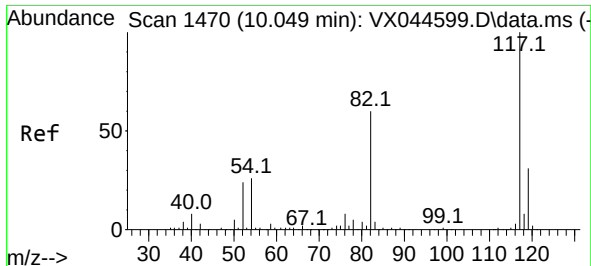
Tgt Ion:107 Resp: 44770
Ion Ratio Lower Upper
107 100
109 92.2 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 20.131 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 95 Resp: 51959
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.8
176 72.6 0.0 139.8

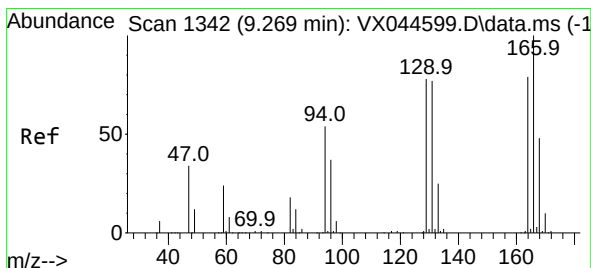
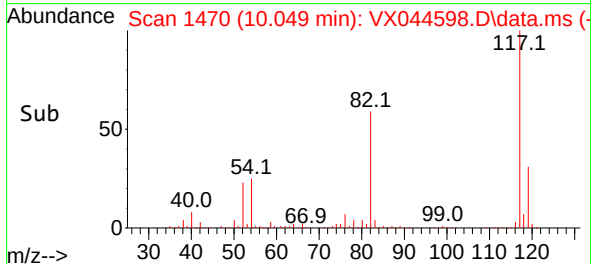
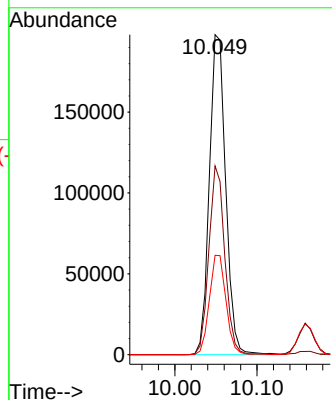
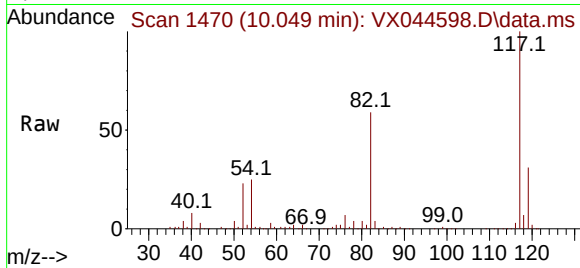




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

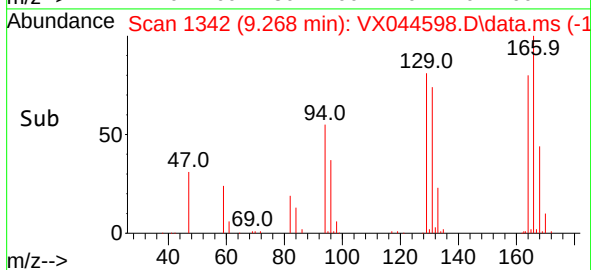
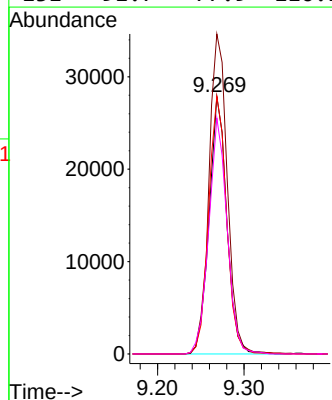
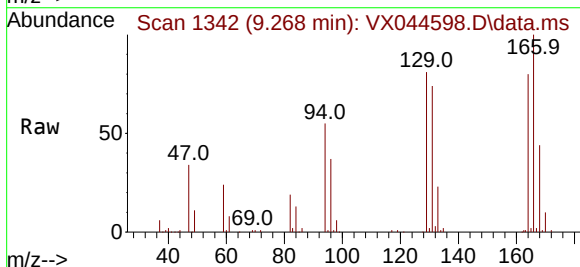
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

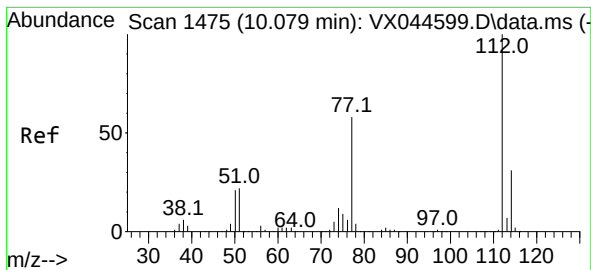
Tgt Ion:117 Resp: 273147
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.6
119 31.0 25.0 37.6



#64
Tetrachloroethene
Concen: 20.489 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:164 Resp: 39569
Ion Ratio Lower Upper
164 100
166 124.4 101.5 152.3
129 100.2 78.9 118.3
131 91.7 77.9 116.9

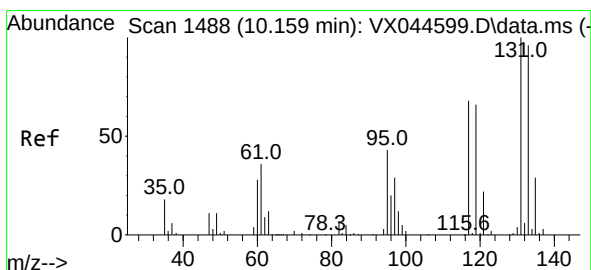
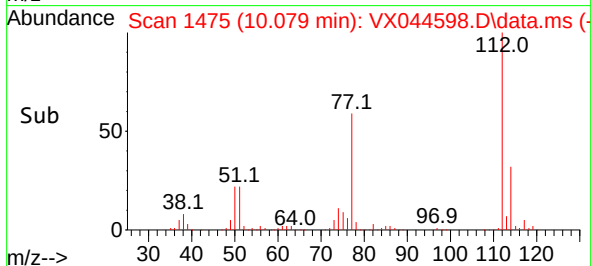
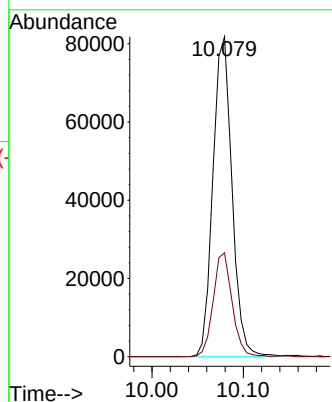
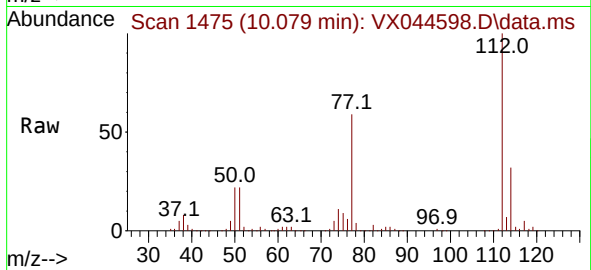




#65
Chlorobenzene
Concen: 20.467 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

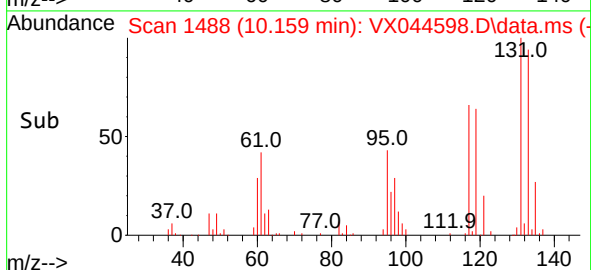
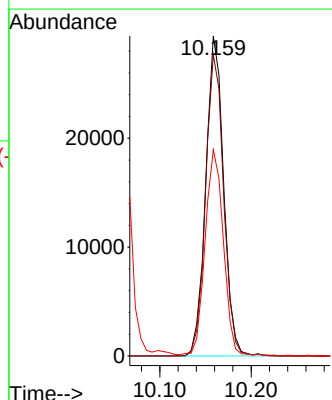
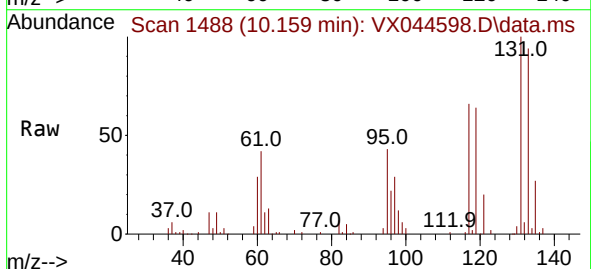
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

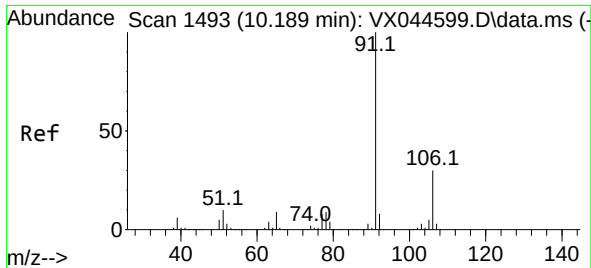
Tgt Ion:112 Resp: 118653
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.752 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:131 Resp: 39956
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.0
119 65.9 32.8 98.4

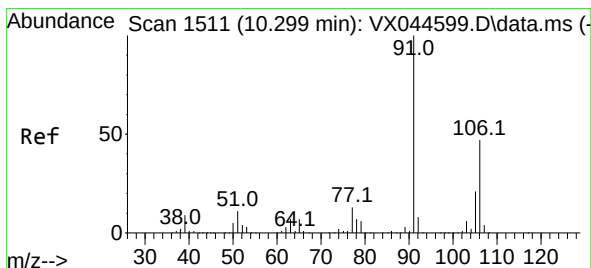
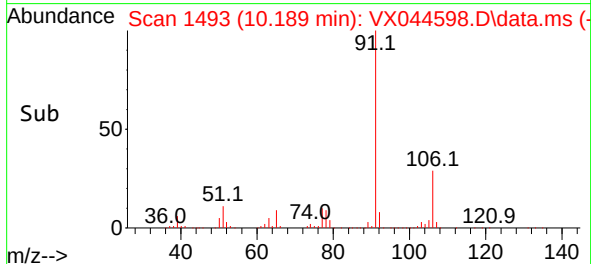
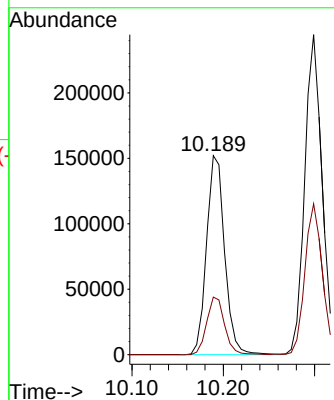
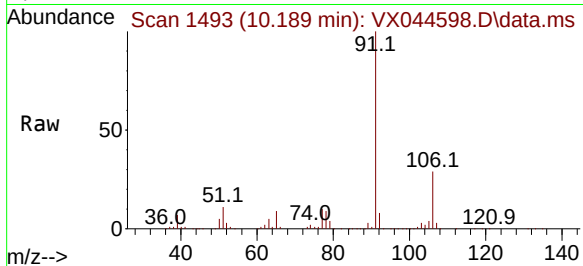




#67
Ethyl Benzene
Concen: 21.066 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

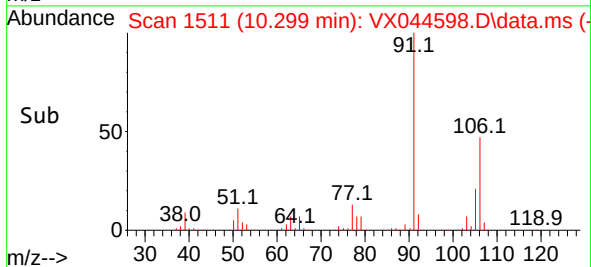
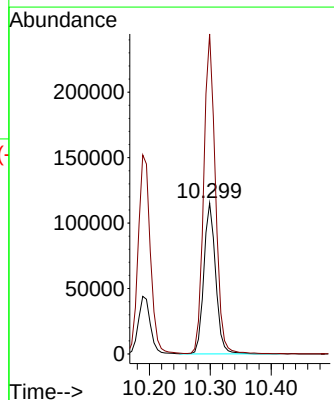
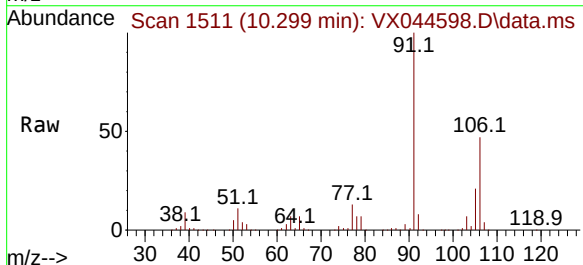
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

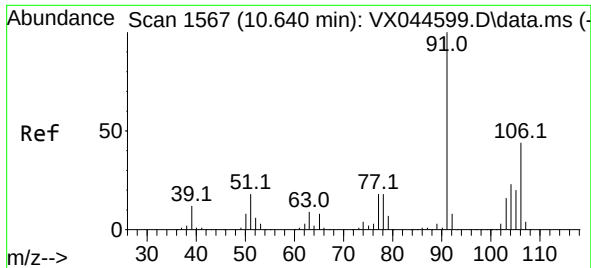
Tgt Ion: 91 Resp: 209710
Ion Ratio Lower Upper
91 100
106 28.9 23.8 35.8



#68
m/p-Xylenes
Concen: 42.593 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 106 Resp: 155810
Ion Ratio Lower Upper
106 100
91 209.5 170.4 255.6

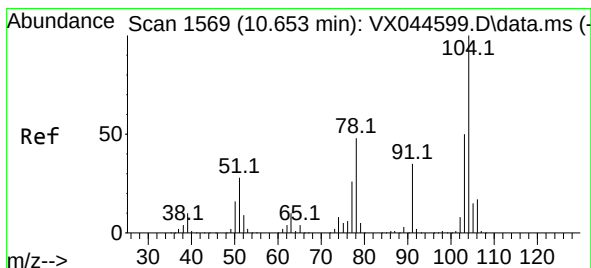
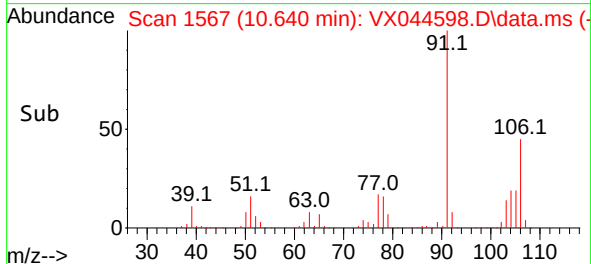
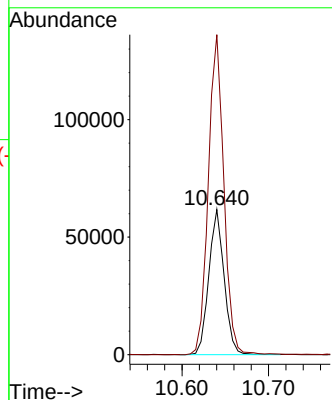
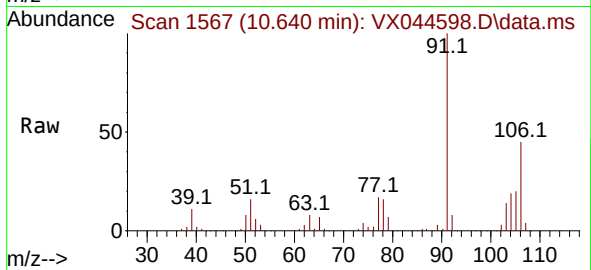




#69
o-Xylene
Concen: 20.601 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

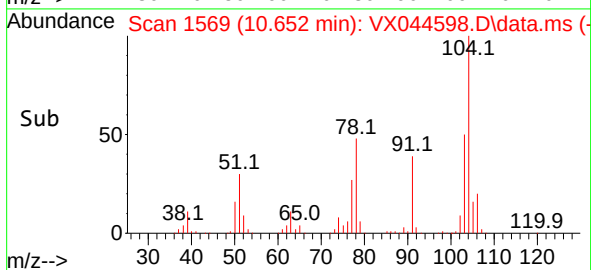
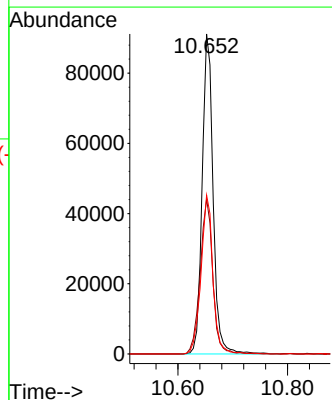
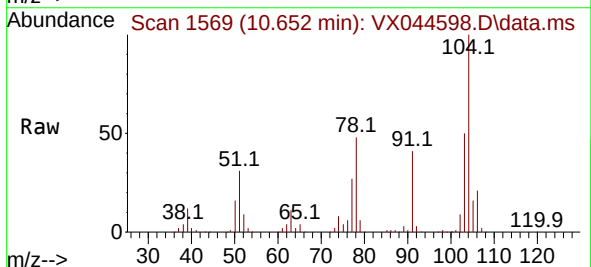
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

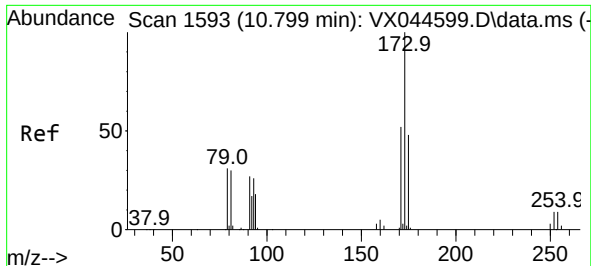
Tgt Ion:106 Resp: 76065
Ion Ratio Lower Upper
106 100
91 223.2 112.3 336.8



#70
Styrene
Concen: 21.385 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:104 Resp: 126293
Ion Ratio Lower Upper
104 100
78 55.6 44.0 66.0
103 54.4 43.8 65.6

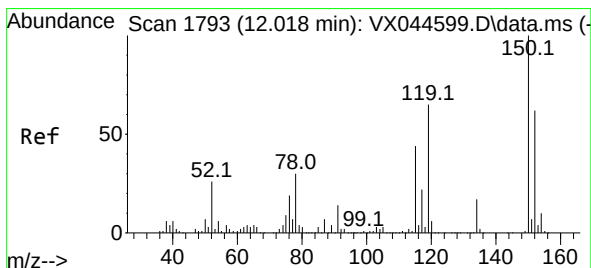
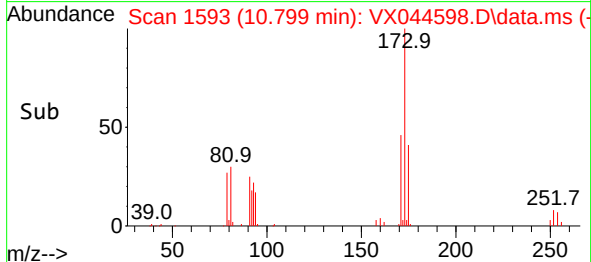
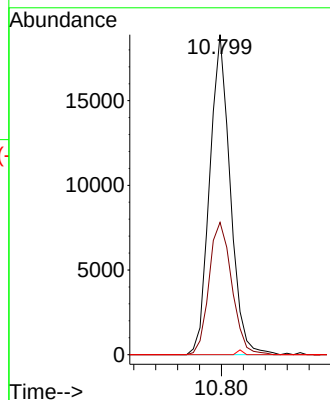
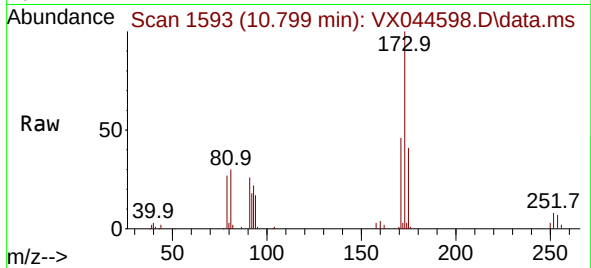




#71
Bromoform
Concen: 19.617 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

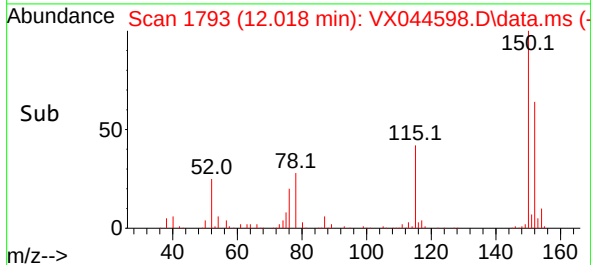
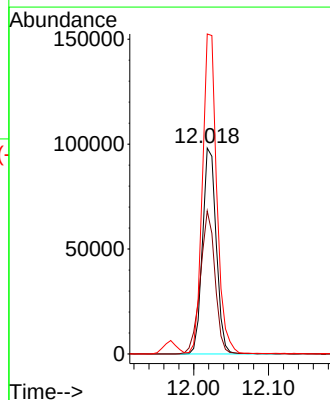
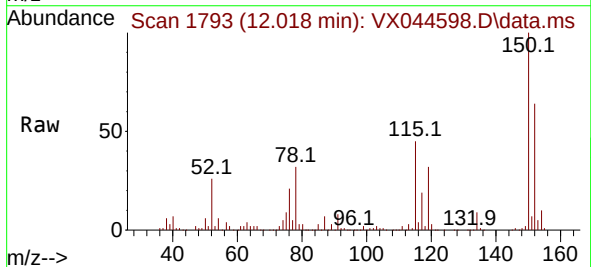
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

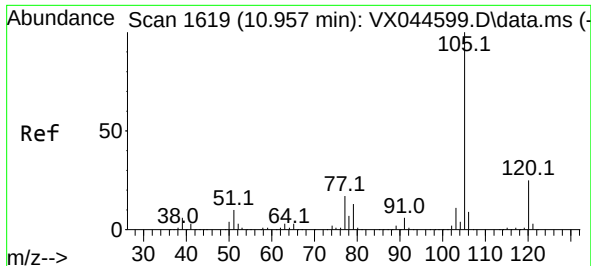
Tgt Ion:173 Resp: 24563
Ion Ratio Lower Upper
173 100
175 45.9 24.6 73.8
254 0.4 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:152 Resp: 125618
Ion Ratio Lower Upper
152 100
115 74.1 44.4 133.1
150 161.8 0.0 355.0

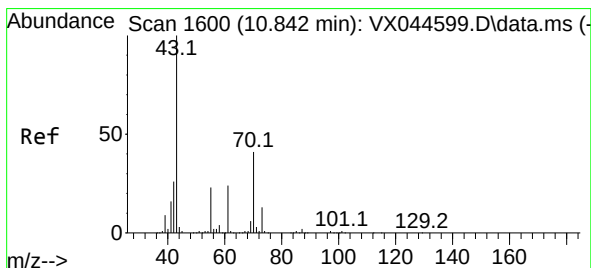
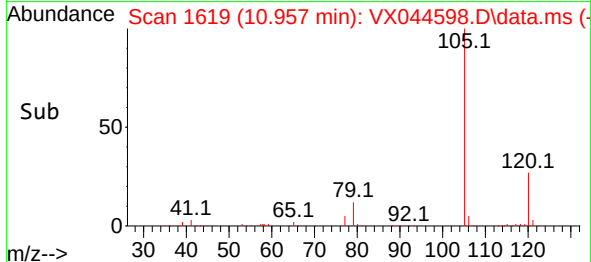
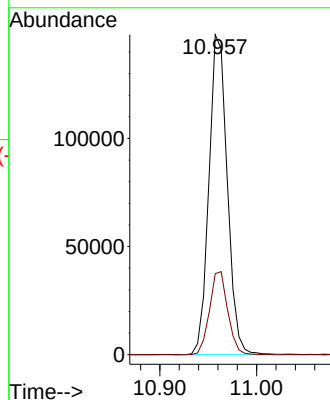
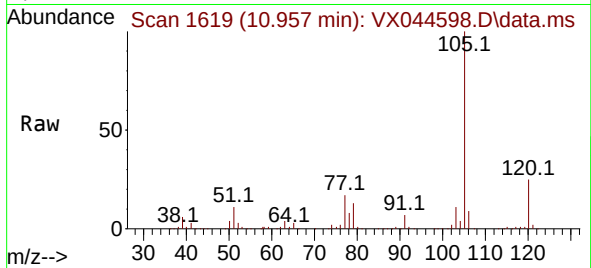




#73
Isopropylbenzene
Concen: 21.012 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

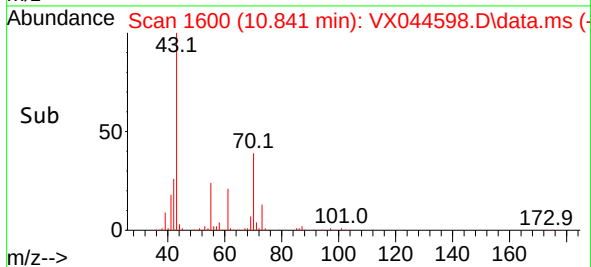
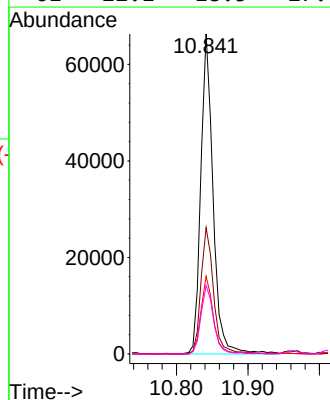
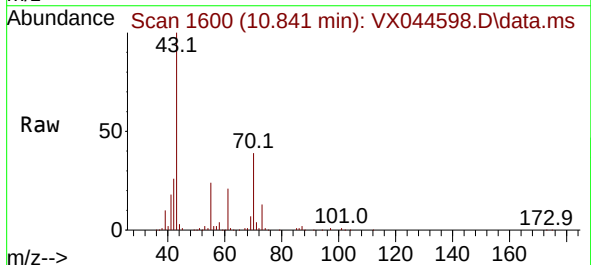
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

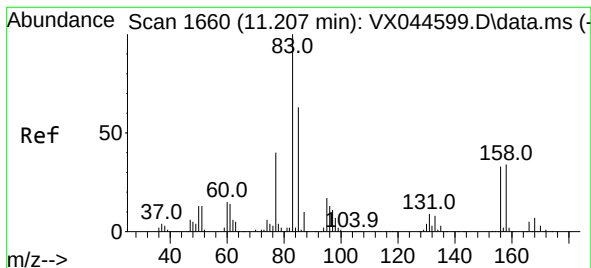
Tgt Ion:105 Resp: 195554
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 21.023 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 43 Resp: 79390
Ion Ratio Lower Upper
43 100
70 40.5 32.9 49.3
55 24.7 19.0 28.6
61 22.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.550 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

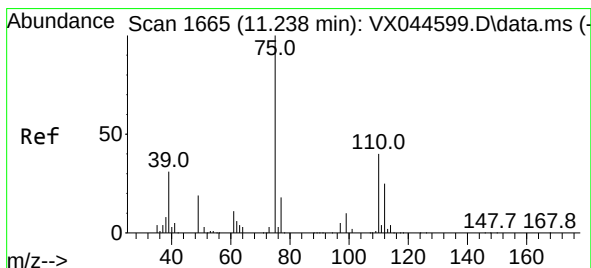
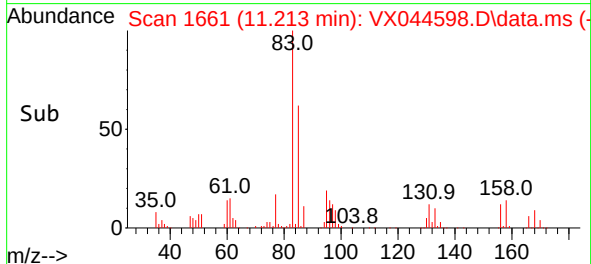
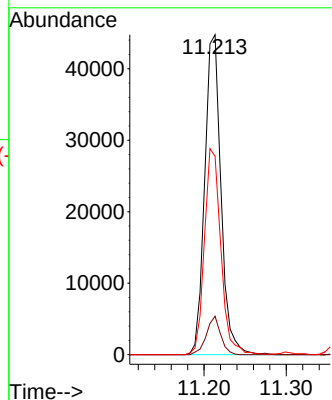
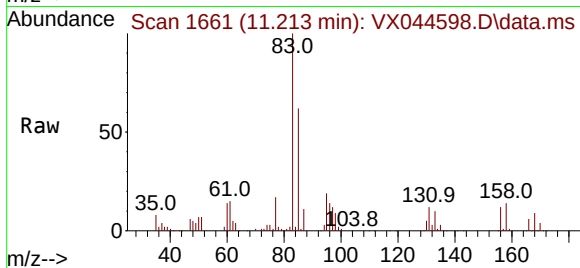
Tgt Ion: 83 Resp: 61645

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 65.0 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 26.464 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044598.D

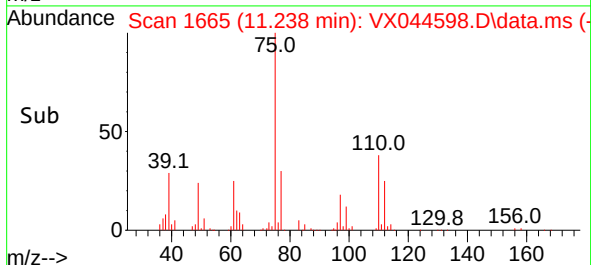
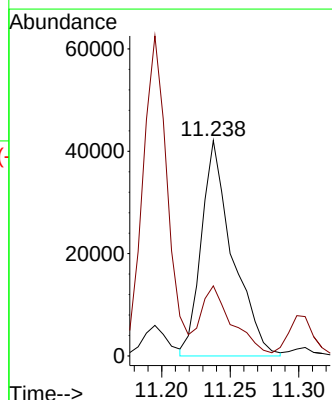
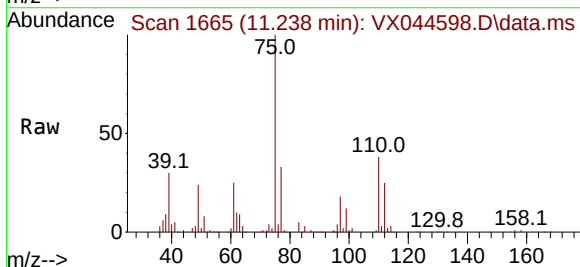
Acq: 07 Jan 2025 10:51

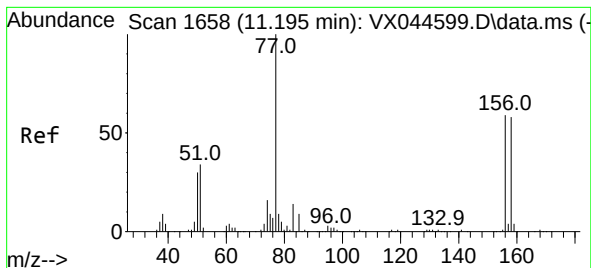
Tgt Ion: 75 Resp: 66641

Ion Ratio Lower Upper

75 100

77 33.0 21.1 63.1





#77

Bromobenzene

Concen: 20.215 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

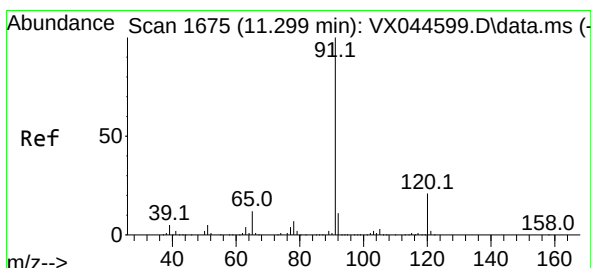
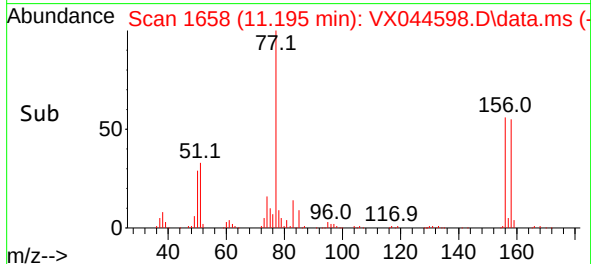
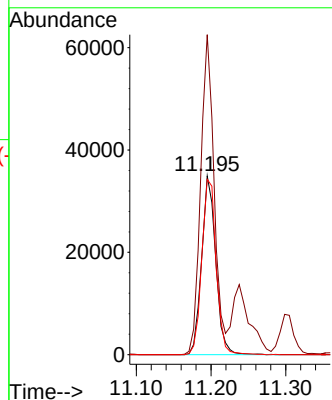
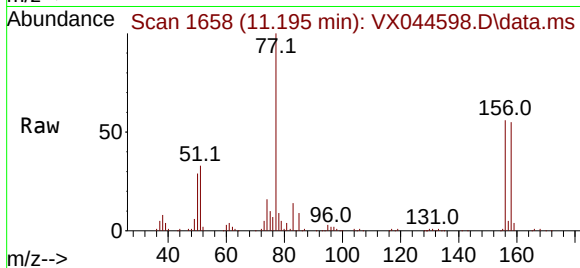
Tgt Ion:156 Resp: 45702

Ion Ratio Lower Upper

156 100

77 171.0 85.7 257.1

158 100.2 49.9 149.6



#78

n-propylbenzene

Concen: 21.078 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044598.D

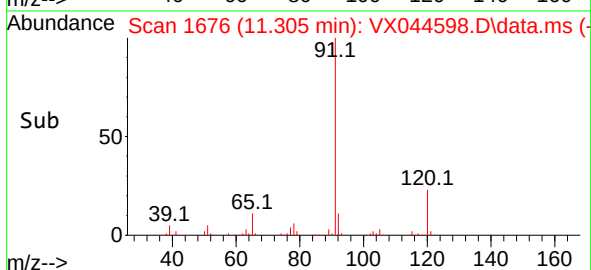
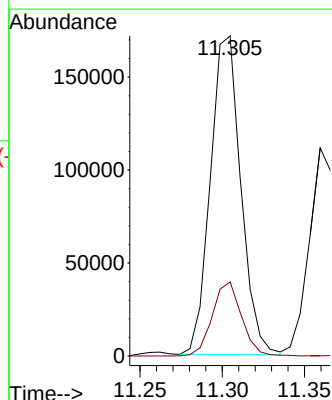
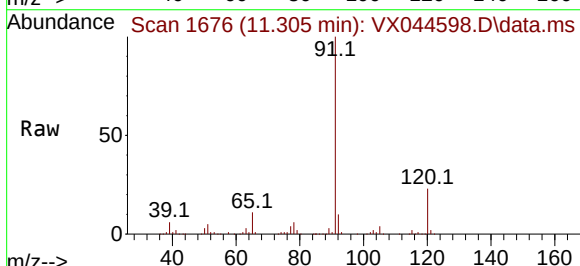
Acq: 07 Jan 2025 10:51

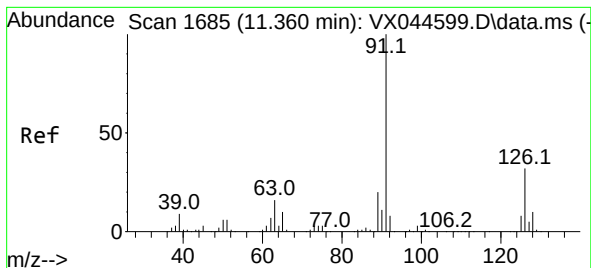
Tgt Ion: 91 Resp: 220954

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5





#79

2-Chlorotoluene

Concen: 20.541 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

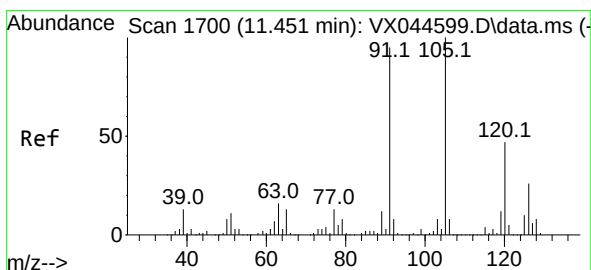
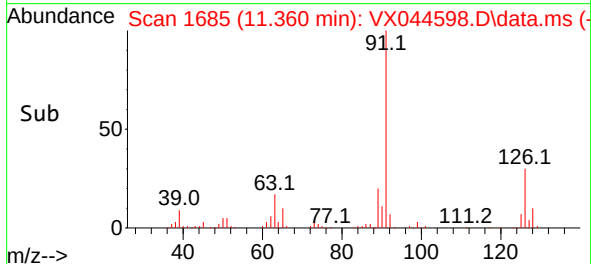
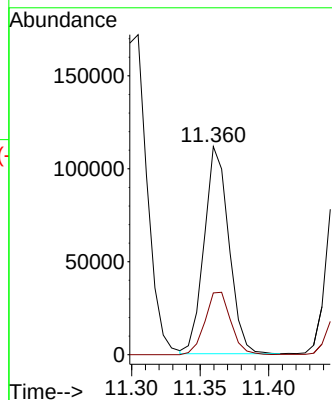
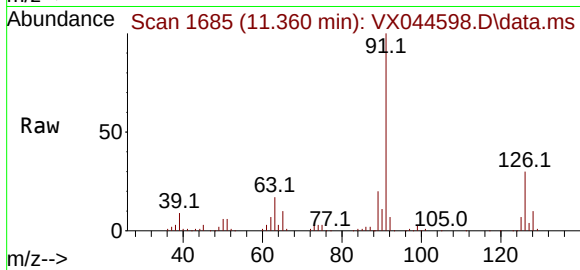
VSTDIC020

Tgt Ion: 91 Resp: 139531

Ion Ratio Lower Upper

91 100

126 31.6 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 21.290 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044598.D

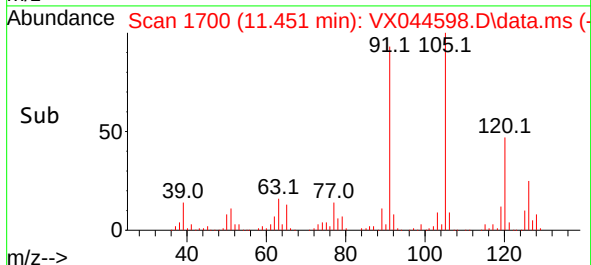
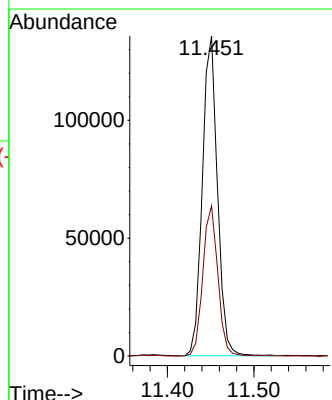
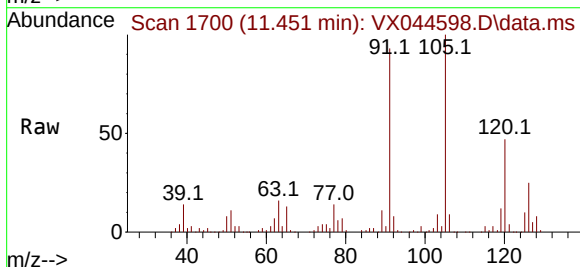
Acq: 07 Jan 2025 10:51

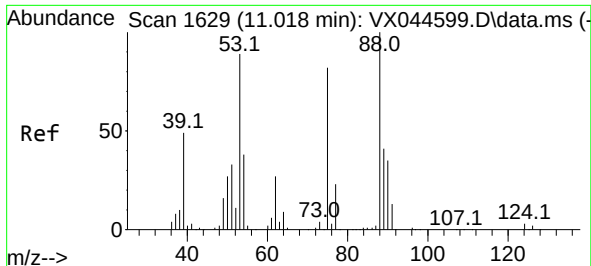
Tgt Ion:105 Resp: 164285

Ion Ratio Lower Upper

105 100

120 46.7 23.5 70.5

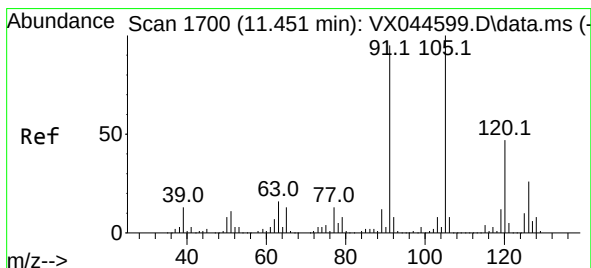
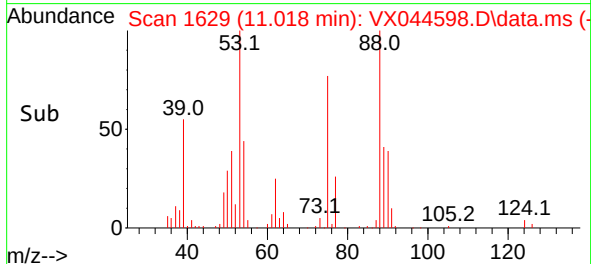
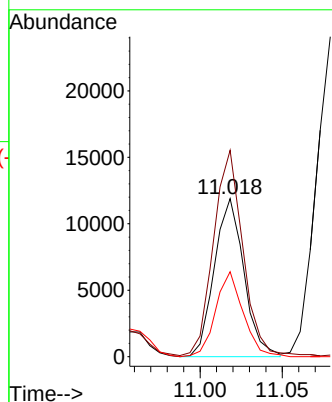
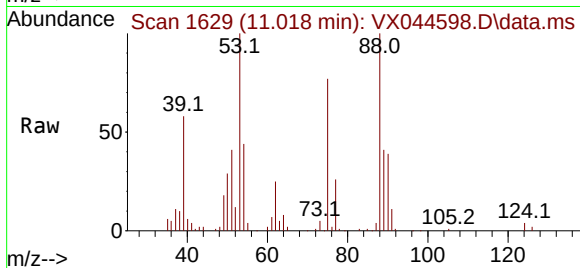




#81
trans-1,4-Dichloro-2-butene
Concen: 18.014 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

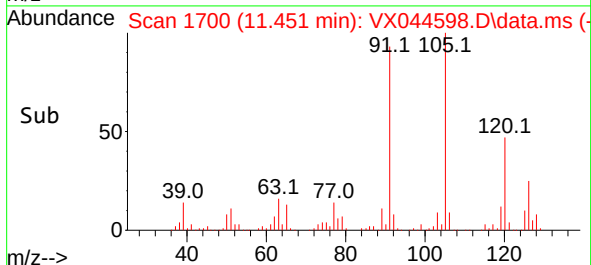
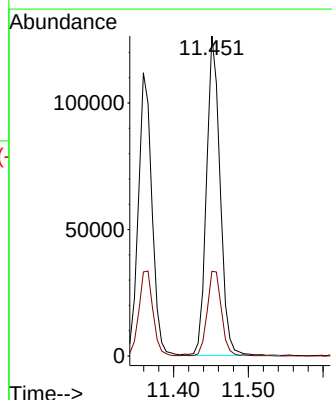
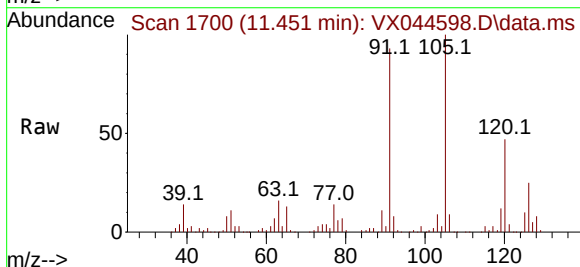
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

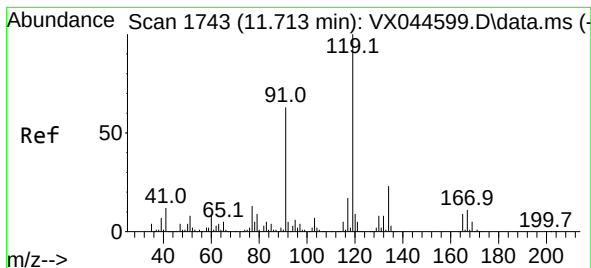
Tgt Ion: 75 Resp: 14902
Ion Ratio Lower Upper
75 100
53 131.7 92.7 139.1
89 49.9 38.3 57.5



#82
4-Chlorotoluene
Concen: 20.867 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 91 Resp: 159459
Ion Ratio Lower Upper
91 100
126 27.5 14.0 42.0

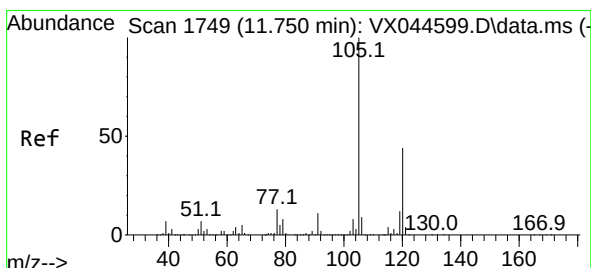
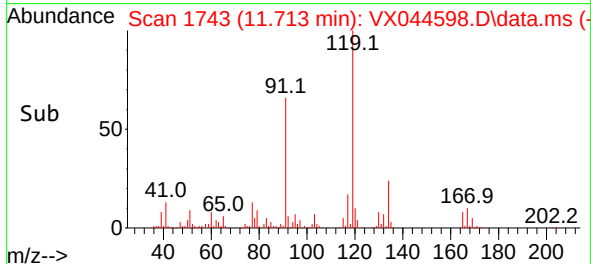
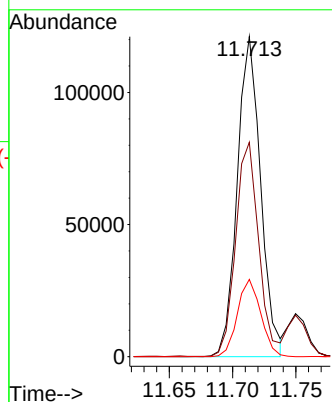
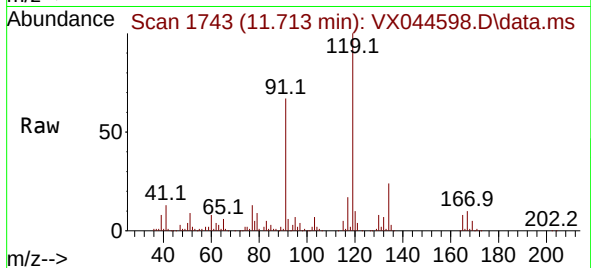




#83
 tert-Butylbenzene
 Concen: 20.301 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

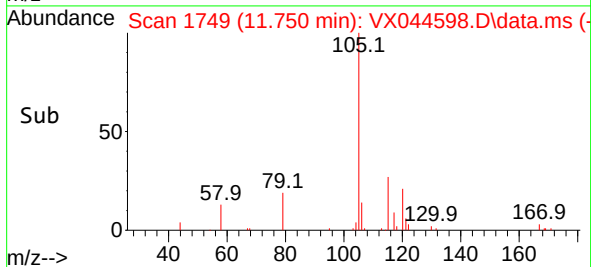
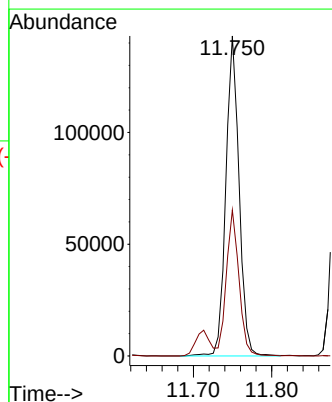
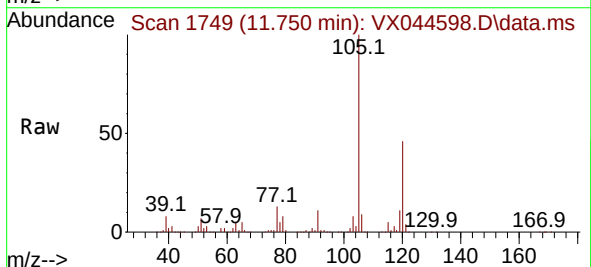
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

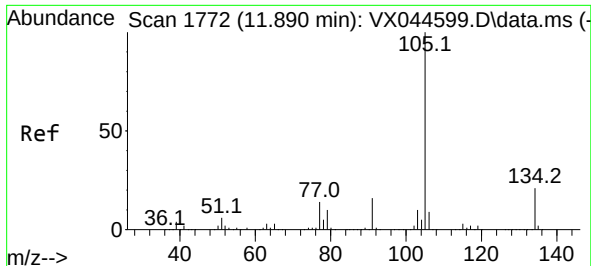
Tgt Ion:119 Resp: 155984
 Ion Ratio Lower Upper
 119 100
 91 66.2 30.9 92.8
 134 24.2 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.745 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

Tgt Ion:105 Resp: 168552
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.9 65.7

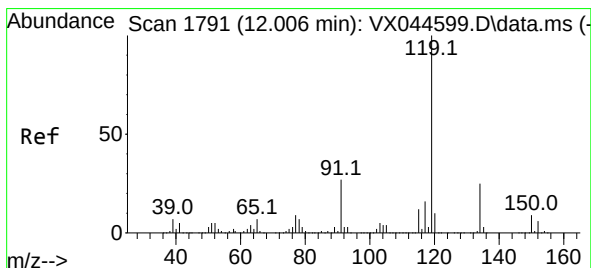
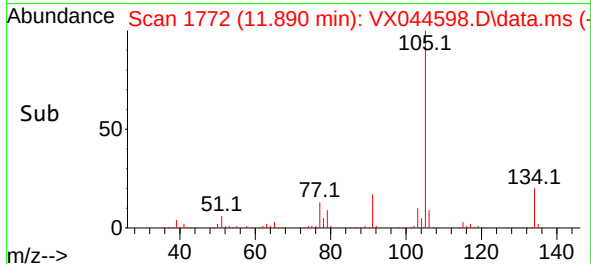
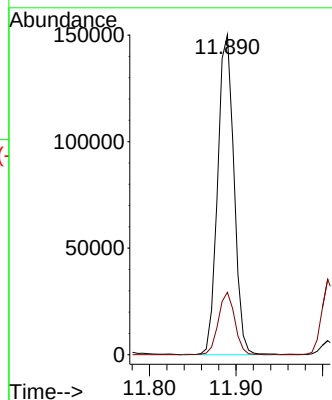
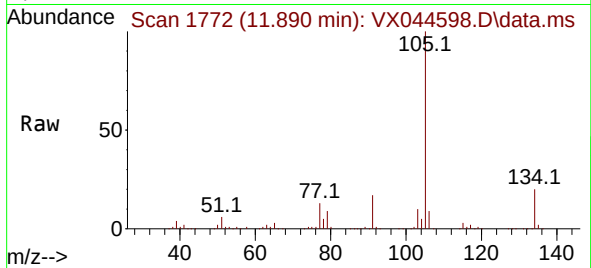




#85
 sec-Butylbenzene
 Concen: 21.010 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

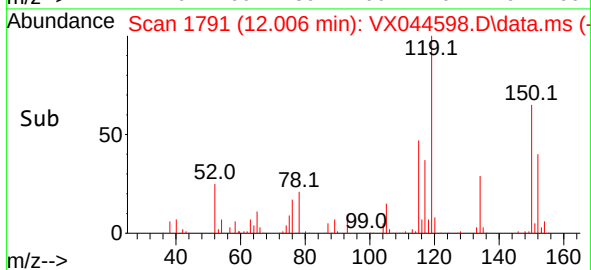
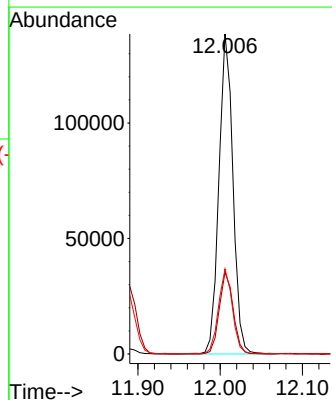
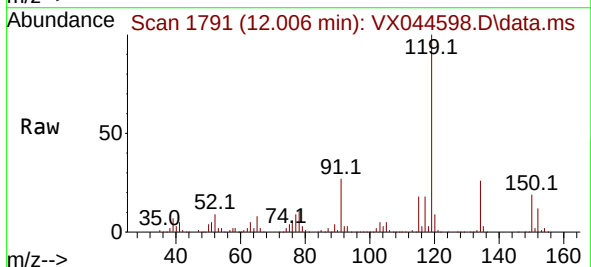
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

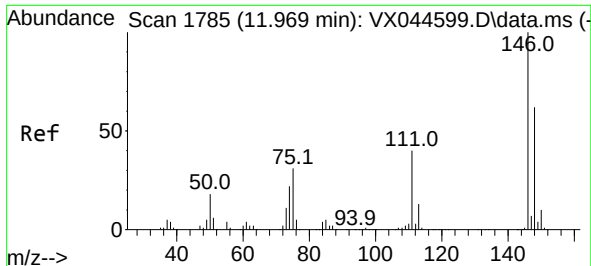
Tgt Ion:105 Resp: 196607
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.932 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX044598.D
 Acq: 07 Jan 2025 10:51

Tgt Ion:119 Resp: 164348
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 26.3 13.1 39.1

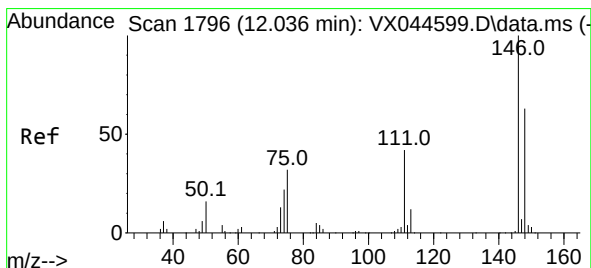
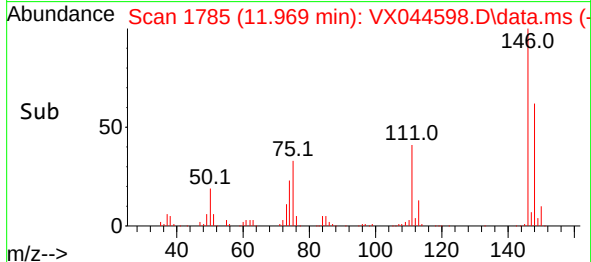
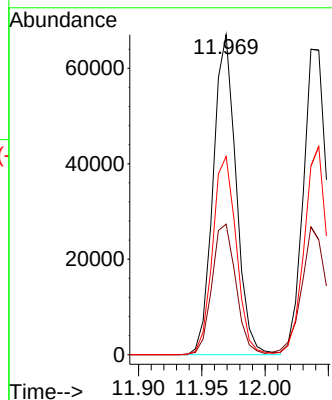
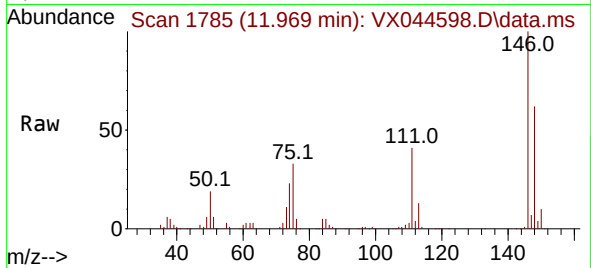




#87
1,3-Dichlorobenzene
Concen: 20.681 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

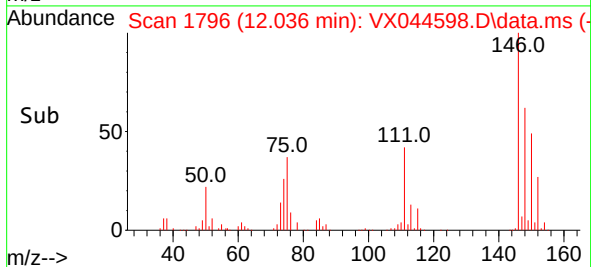
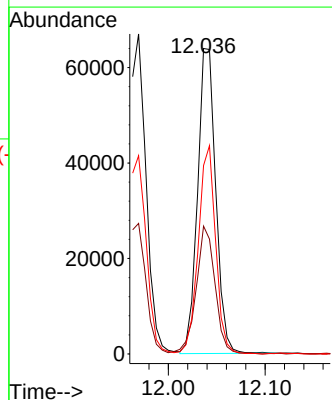
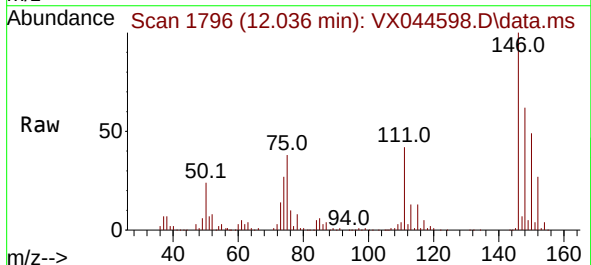
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

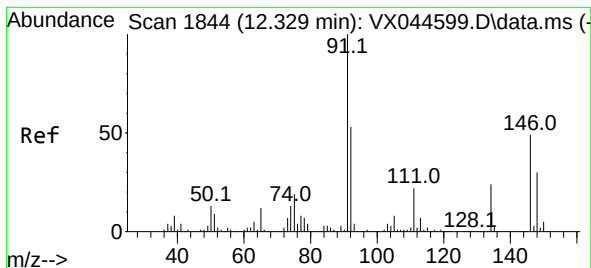
Tgt Ion:146 Resp: 84583
Ion Ratio Lower Upper
146 100
111 42.5 21.0 63.0
148 63.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.638 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion:146 Resp: 83680
Ion Ratio Lower Upper
146 100
111 43.7 20.7 62.1
148 65.4 31.8 95.4





#89

n-Butylbenzene

Concen: 20.864 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

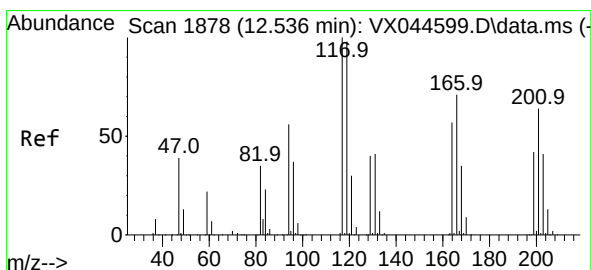
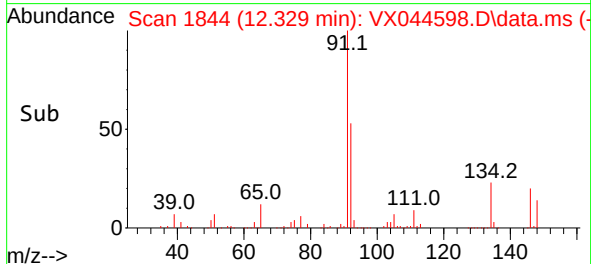
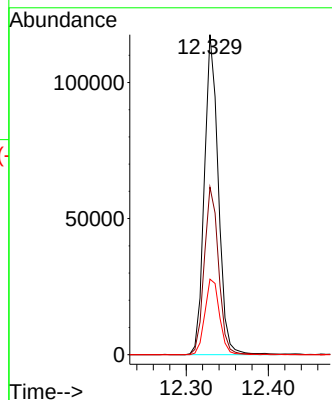
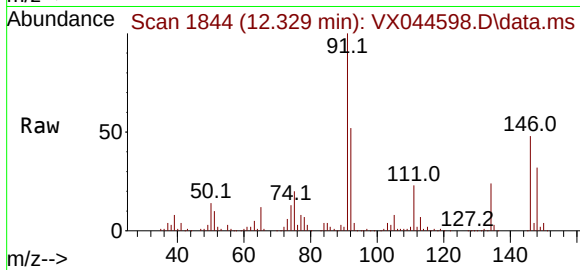
Tgt Ion: 91 Resp: 138330

Ion Ratio Lower Upper

91 100

92 54.0 26.5 79.4

134 25.0 12.4 37.2



#90

Hexachloroethane

Concen: 18.096 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044598.D

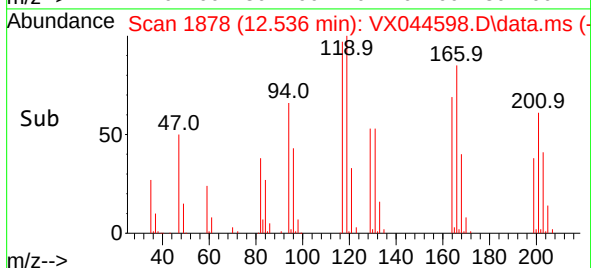
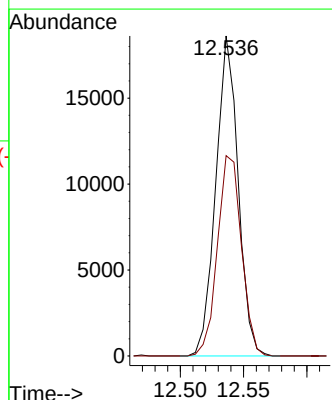
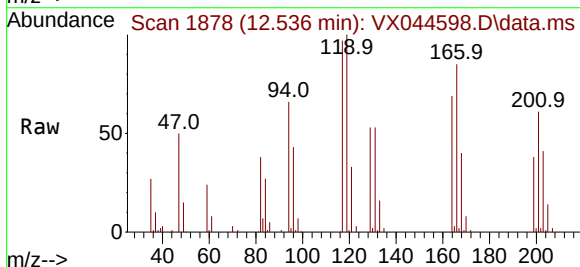
Acq: 07 Jan 2025 10:51

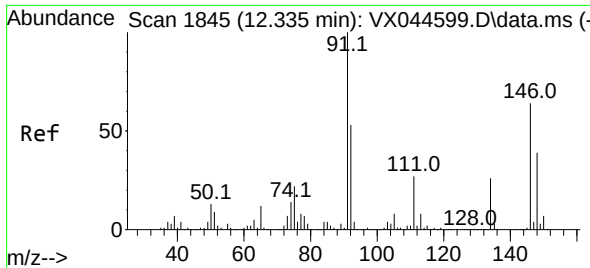
Tgt Ion: 117 Resp: 22825

Ion Ratio Lower Upper

117 100

201 67.5 33.6 100.6

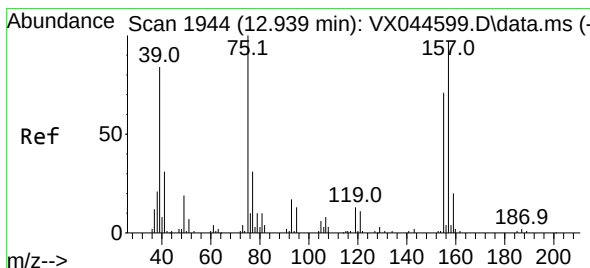
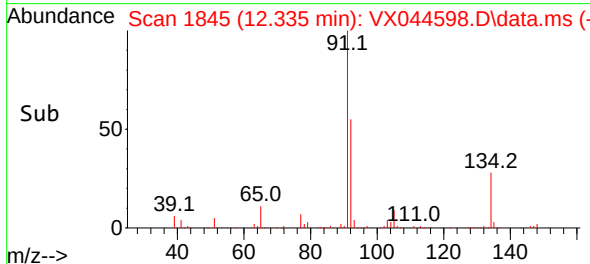
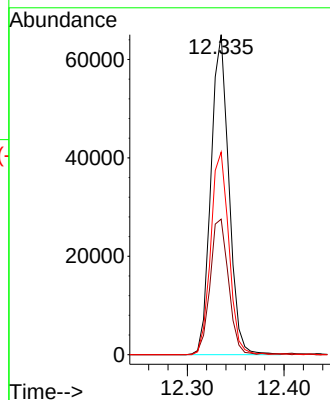
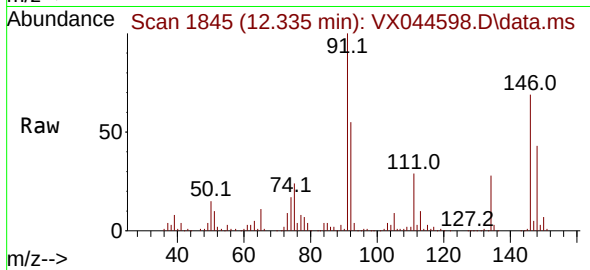




#91
1,2-Dichlorobenzene
Concen: 20.296 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

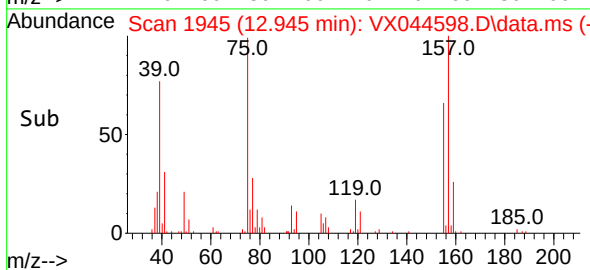
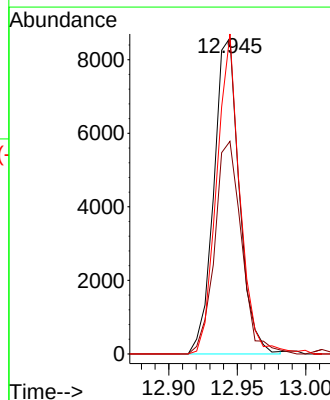
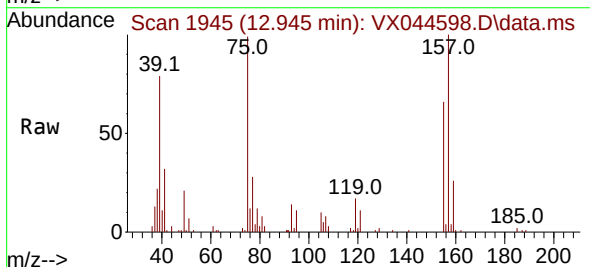
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

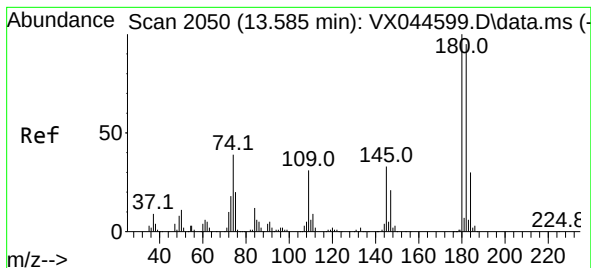
Tgt Ion:146 Resp: 83880
Ion Ratio Lower Upper
146 100
111 43.5 21.8 65.4
148 63.9 31.1 93.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.520 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044598.D
Acq: 07 Jan 2025 10:51

Tgt Ion: 75 Resp: 11101
Ion Ratio Lower Upper
75 100
155 71.2 37.4 112.1
157 92.6 48.0 144.2





#93

1,2,4-Trichlorobenzene

Concen: 19.494 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

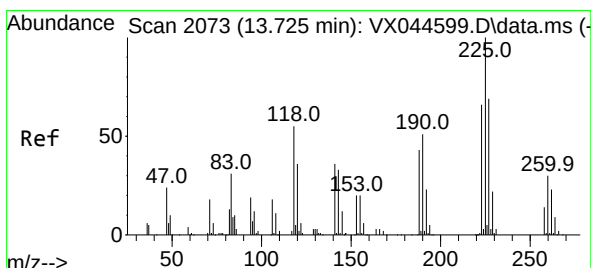
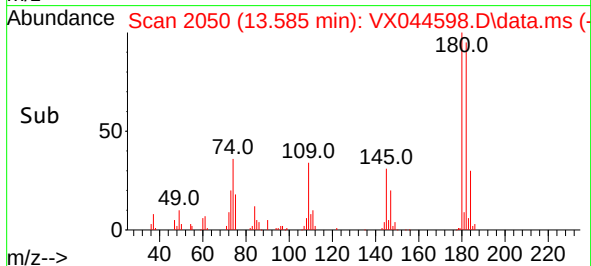
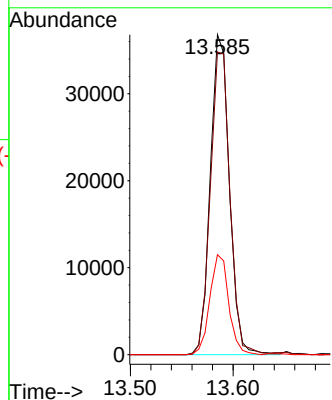
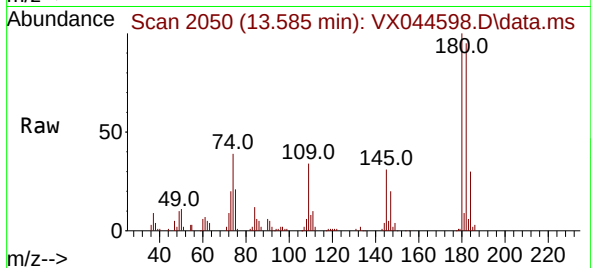
Tgt Ion:180 Resp: 47350

Ion Ratio Lower Upper

180 100

182 97.2 47.9 143.6

145 31.1 16.3 48.9



#94

Hexachlorobutadiene

Concen: 19.419 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

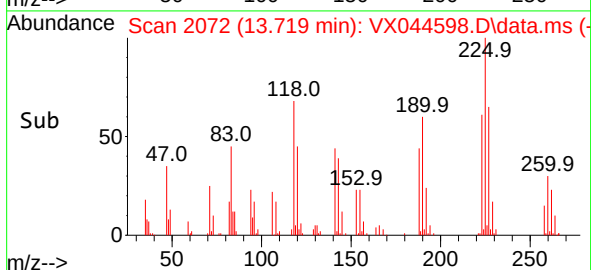
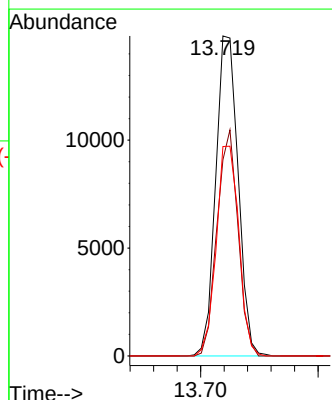
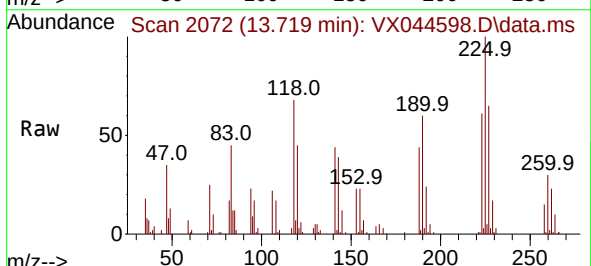
Tgt Ion:225 Resp: 19641

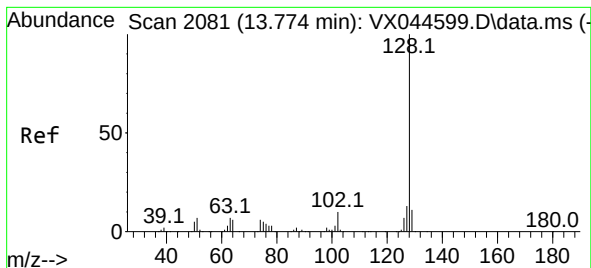
Ion Ratio Lower Upper

225 100

223 66.1 31.6 94.8

227 66.2 31.9 95.9





#95

Naphthalene

Concen: 20.691 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

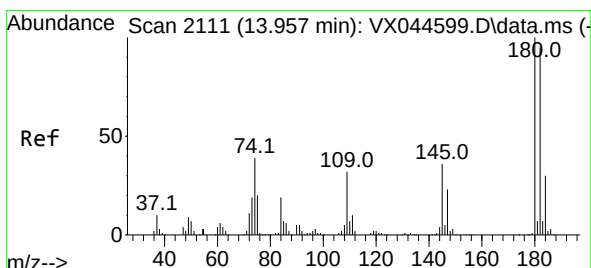
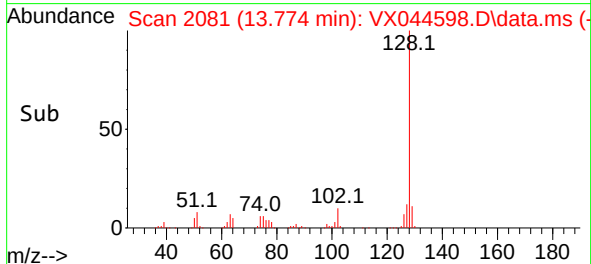
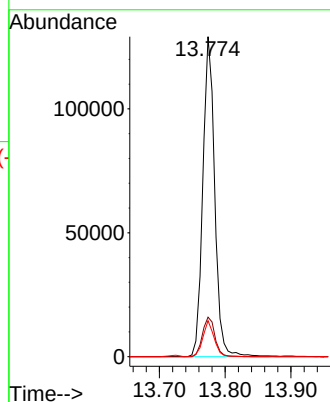
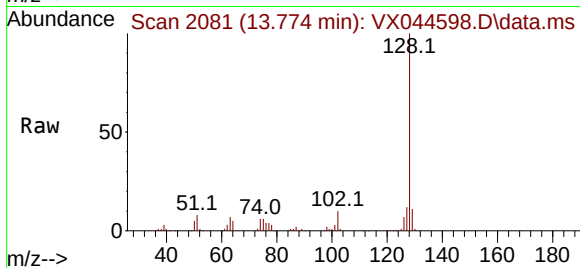
Tgt Ion:128 Resp: 162161

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.082 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044598.D

Acq: 07 Jan 2025 10:51

Tgt Ion:180 Resp: 49865

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 35.6 17.6 52.9

