

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044543.D
 Acq On : 30 Dec 2024 14:54
 Operator : JC/MD
 Sample : VX1231WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Quant Time: Dec 31 00:28:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	153746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100843	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114312	42.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.820%
35) Dibromofluoromethane	5.385	113	90038	51.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.300%
50) Toluene-d8	8.646	98	301165	50.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.420%
62) 4-Bromofluorobenzene	11.079	95	103985	50.111	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.220%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	39021	16.414	ug/l 97
3) Chloromethane	1.300	50	36025	15.847	ug/l 97
4) Vinyl Chloride	1.373	62	39305	16.596	ug/l 97
5) Bromomethane	1.593	94	26141	15.558	ug/l 99
6) Chloroethane	1.666	64	25379	17.209	ug/l 91
7) Trichlorofluoromethane	1.873	101	69078	14.898	ug/l 100
8) Diethyl Ether	2.135	74	28126	17.771	ug/l 96
9) 1,1,2-Trichlorotrifluo...	2.312	101	34139	18.196	ug/l 94
10) Methyl Iodide	2.440	142	44638	18.052	ug/l 97
11) Tert butyl alcohol	2.983	59	30824	81.134	ug/l 96
12) 1,1-Dichloroethene	2.306	96	31973	18.553	ug/l 94
13) Acrolein	2.233	56	65679	119.429	ug/l 99
14) Allyl chloride	2.654	41	47046	16.390	ug/l 97
15) Acrylonitrile	3.068	53	91236	86.695	ug/l 98
16) Acetone	2.385	43	81705	74.346	ug/l 96
17) Carbon Disulfide	2.501	76	48174	14.706	ug/l 99
18) Methyl Acetate	2.702	43	49803	17.576	ug/l 96
19) Methyl tert-butyl Ether	3.111	73	111711	16.611	ug/l 100
20) Methylene Chloride	2.782	84	35960	17.421	ug/l 92
21) trans-1,2-Dichloroethene	3.080	96	31555	17.229	ug/l 94
22) Diisopropyl ether	3.763	45	105148	16.268	ug/l 95
23) Vinyl Acetate	3.720	43	443441	84.386	ug/l 99
24) 1,1-Dichloroethane	3.605	63	62553	17.362	ug/l 97
25) 2-Butanone	4.562	43	125426	80.280	ug/l 98
26) 2,2-Dichloropropane	4.470	77	50413	17.223	ug/l 97
27) cis-1,2-Dichloroethene	4.489	96	39939	17.170	ug/l 95
28) Bromochloromethane	4.897	49	29914	16.932	ug/l 94
29) Tetrahydrofuran	5.007	42	80671	80.443	ug/l 97
30) Chloroform	5.086	83	68047	16.810	ug/l 100
31) Cyclohexane	5.458	56	47583	16.355	ug/l 99
32) 1,1,1-Trichloroethane	5.373	97	56892	16.931	ug/l 99
36) 1,1-Dichloropropene	5.690	75	41811	18.376	ug/l 97
37) Ethyl Acetate	4.720	43	48902	17.387	ug/l 99
38) Carbon Tetrachloride	5.665	117	46337	18.916	ug/l 99
39) Methylcyclohexane	7.372	83	52019	19.124	ug/l 97
40) Benzene	6.031	78	133403	19.310	ug/l 100

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Instrument :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	26206	17.547	ug/l	95
42) 1,2-Dichloroethane	6.080	62	53308	18.732	ug/l	97
43) Isopropyl Acetate	6.342	43	77717	17.679	ug/l	97
44) Trichloroethene	7.122	130	34218	19.862	ug/l	99
45) 1,2-Dichloropropane	7.427	63	33258	18.843	ug/l	99
46) Dibromomethane	7.580	93	26469	19.331	ug/l	93
47) Bromodichloromethane	7.817	83	44308	18.736	ug/l	99
48) Methyl methacrylate	7.695	41	38081	17.845	ug/l	99
49) 1,4-Dioxane	7.665	88	10441	295.105	ug/l	88
51) 4-Methyl-2-Pentanone	8.573	43	256481	90.739	ug/l	99
52) Toluene	8.713	92	81853	18.868	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	42464	17.946	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	49386	19.180	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	34756	20.166	ug/l	97
56) Ethyl methacrylate	9.116	69	48658	17.884	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57049	19.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	113825	82.945	ug/l	98
59) 2-Hexanone	9.433	43	186080	90.950	ug/l	98
60) Dibromochloromethane	9.518	129	31945	18.797	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35083	19.998	ug/l	97
64) Tetrachloroethene	9.268	164	30154	20.671	ug/l	97
65) Chlorobenzene	10.079	112	91014	19.326	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.164	131	30176	19.937	ug/l	99
67) Ethyl Benzene	10.195	91	154584	18.997	ug/l	97
68) m/p-Xylenes	10.299	106	117637	39.398	ug/l	95
69) o-Xylene	10.640	106	57605	19.067	ug/l	97
70) Styrene	10.652	104	94578	19.528	ug/l	97
71) Bromoform	10.798	173	19071	20.029	ug/l #	100
73) Isopropylbenzene	10.963	105	150815	19.536	ug/l	100
74) N-amyl acetate	10.841	43	60883	17.065	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	52073	19.420	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	53292	23.669	ug/l	87
77) Bromobenzene	11.201	156	38364	20.493	ug/l	92
78) n-propylbenzene	11.304	91	163660	19.181	ug/l	97
79) 2-Chlorotoluene	11.365	91	104313	18.903	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	125956	19.674	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12327	19.517	ug/l	97
82) 4-Chlorotoluene	11.451	91	115520	18.905	ug/l	96
83) tert-Butylbenzene	11.713	119	124037	19.605	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	125891	20.023	ug/l	99
85) sec-Butylbenzene	11.890	105	152233	19.820	ug/l	98
86) p-Isopropyltoluene	12.006	119	126730	19.824	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	66973	20.481	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	67120	19.967	ug/l	99
89) n-Butylbenzene	12.329	91	102486	19.065	ug/l	100
90) Hexachloroethane	12.536	117	17305	18.544	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	65715	19.354	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8617	16.555	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	38478	20.671	ug/l	98
94) Hexachlorobutadiene	13.725	225	16427	21.939	ug/l	98
95) Naphthalene	13.774	128	134577	18.521	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	40587	20.557	ug/l	99

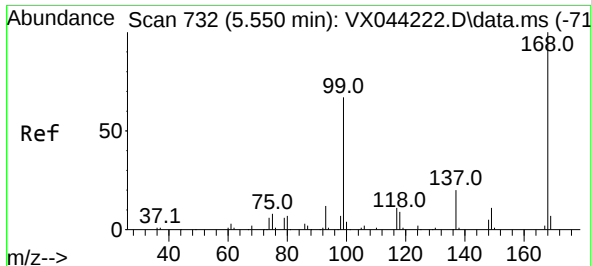
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
Data File : VX044543.D
Acq On : 30 Dec 2024 14:54
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

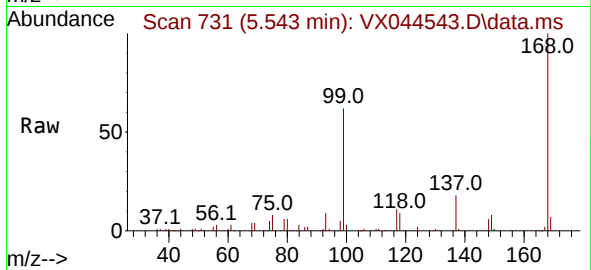
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

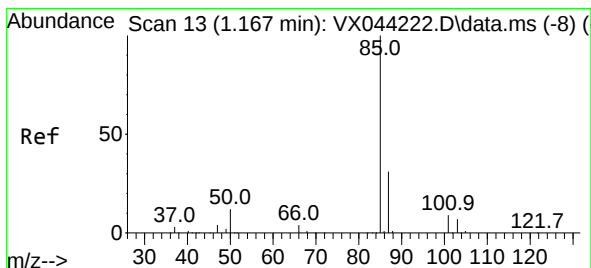
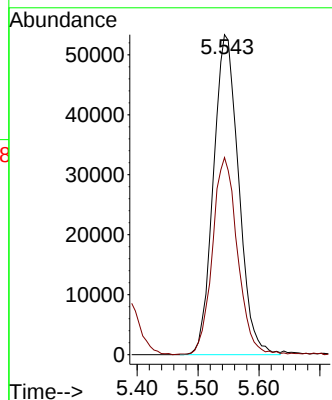
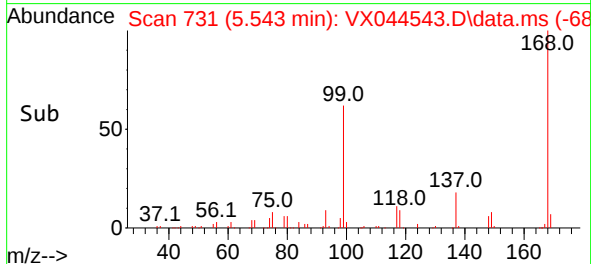


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

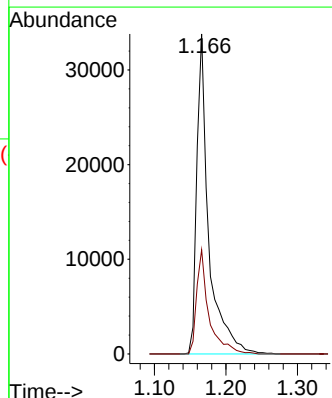
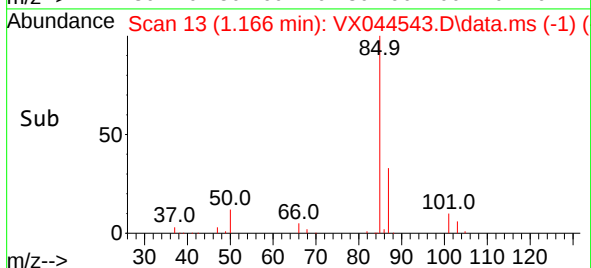
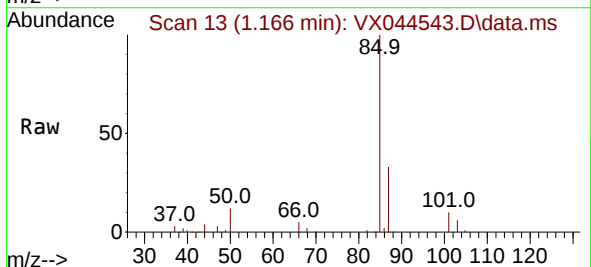


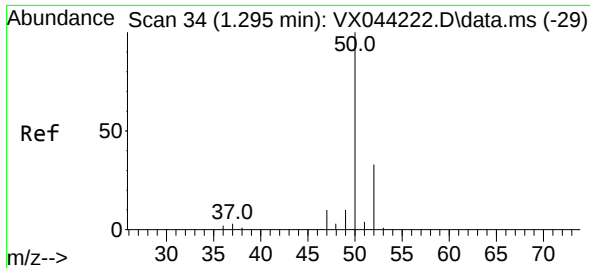
Tgt Ion:168 Resp: 153746
Ion Ratio Lower Upper
168 100
99 61.4 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 16.414 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 85 Resp: 39021
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.4

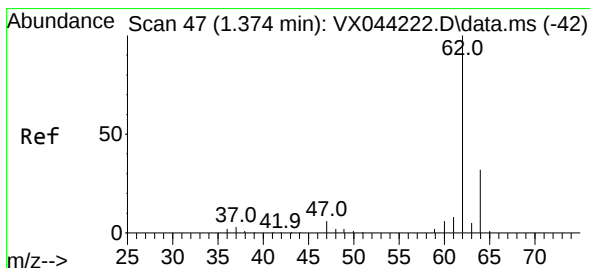
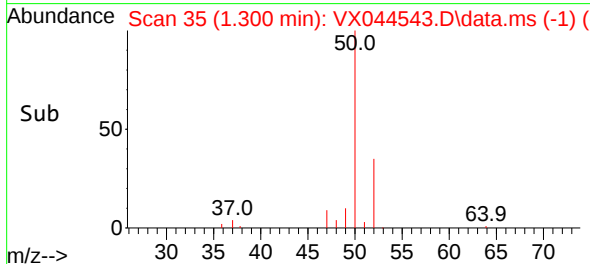
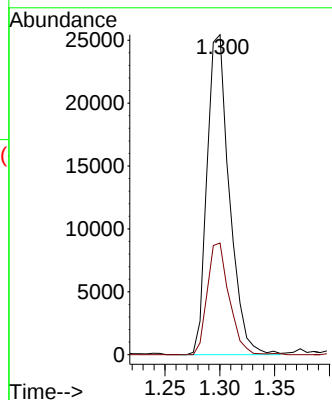
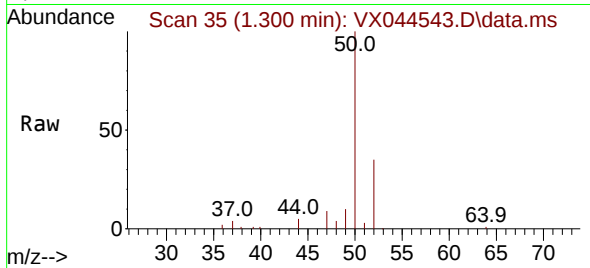




#3
Chloromethane
Concen: 15.847 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

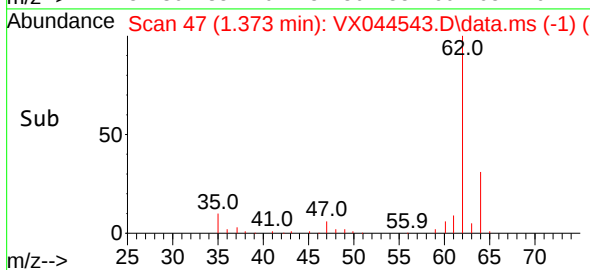
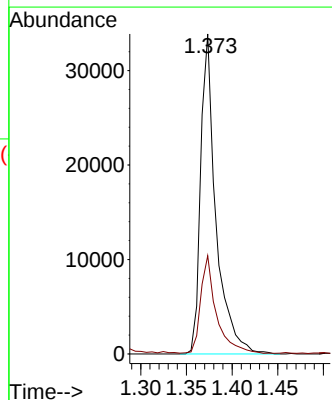
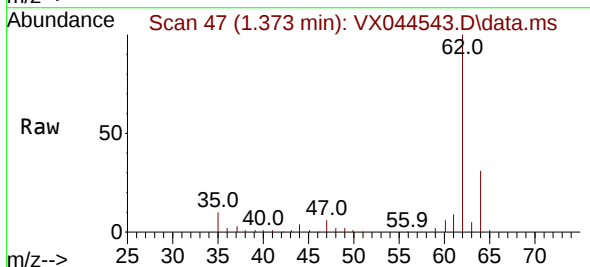
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

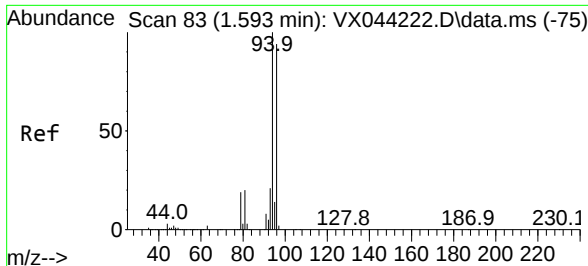
Tgt Ion: 50 Resp: 36025
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7



#4
Vinyl Chloride
Concen: 16.596 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 62 Resp: 39305
Ion Ratio Lower Upper
62 100
64 30.5 25.7 38.5

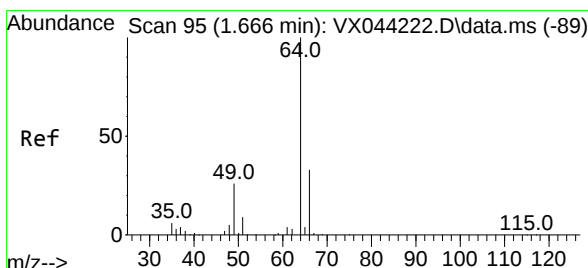
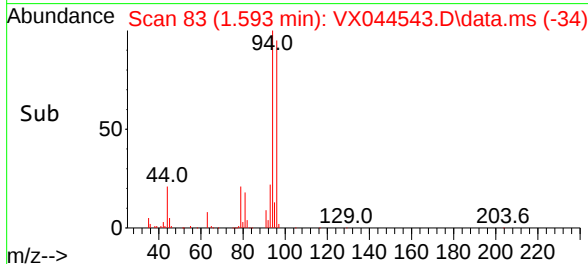
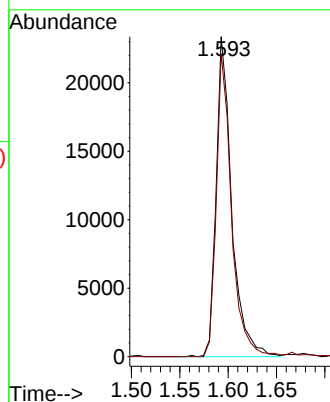
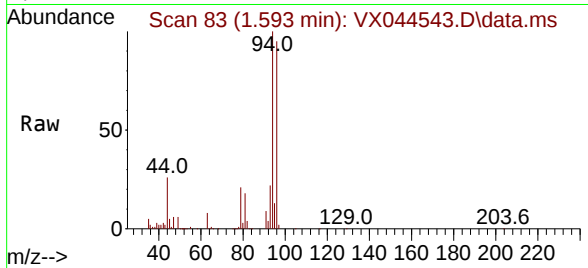




#5
Bromomethane
Concen: 15.558 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

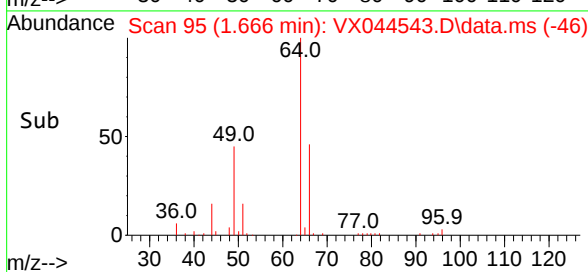
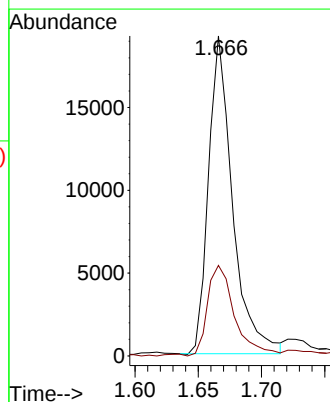
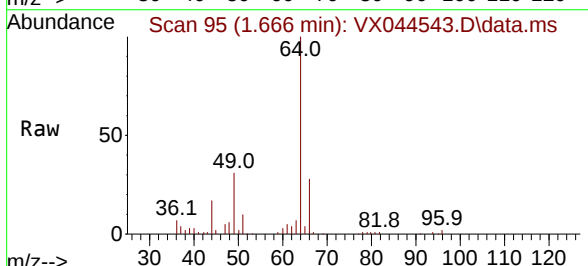
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

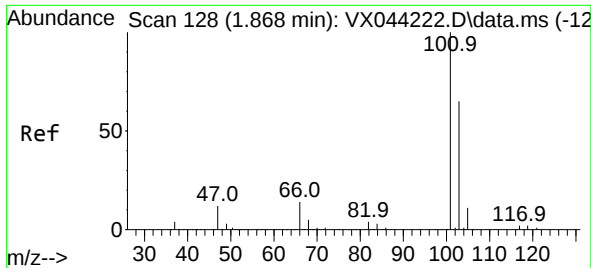
Tgt Ion: 94 Resp: 26141
Ion Ratio Lower Upper
94 100
96 94.7 74.9 112.3



#6
Chloroethane
Concen: 17.209 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 64 Resp: 25379
Ion Ratio Lower Upper
64 100
66 27.9 26.6 39.8

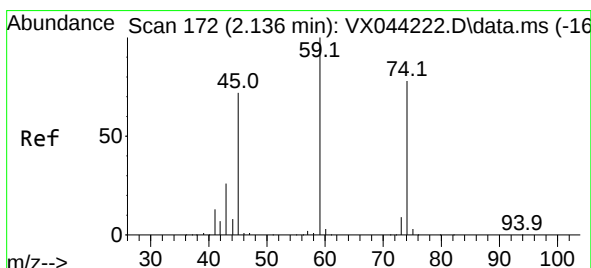
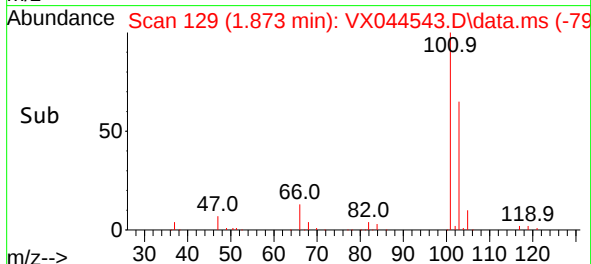
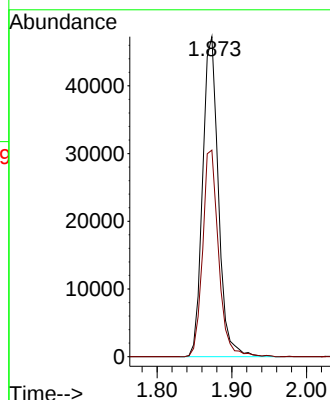
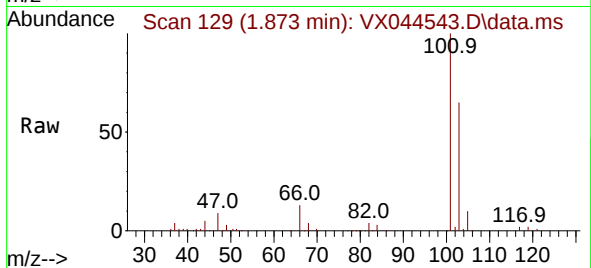




#7
Trichlorofluoromethane
Concen: 14.898 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

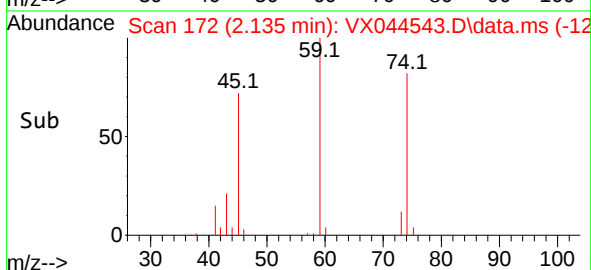
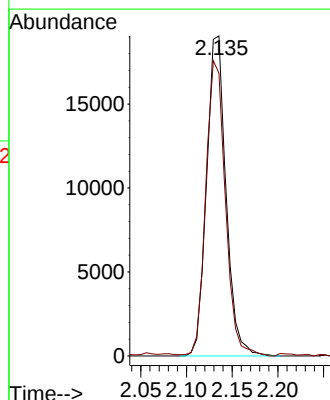
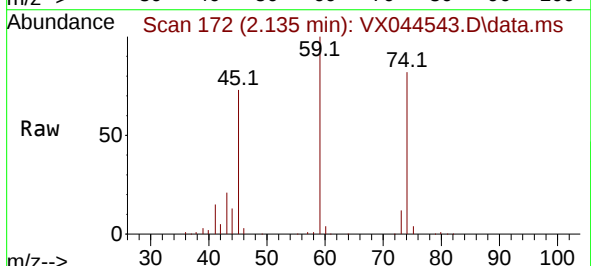
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

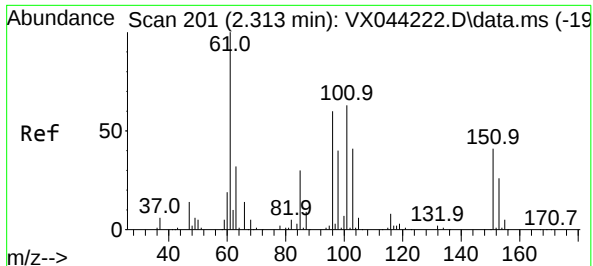
Tgt Ion:101 Resp: 69078
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8



#8
Diethyl Ether
Concen: 17.771 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 74 Resp: 28126
Ion Ratio Lower Upper
74 100
45 93.1 48.4 145.0

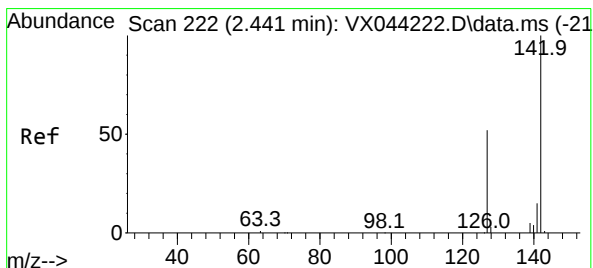
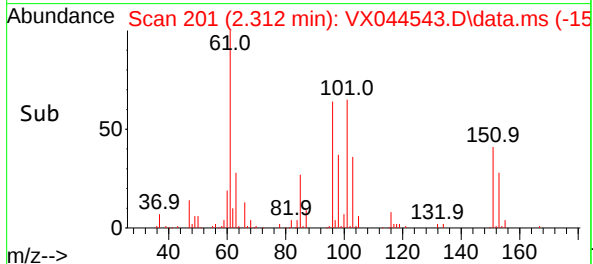
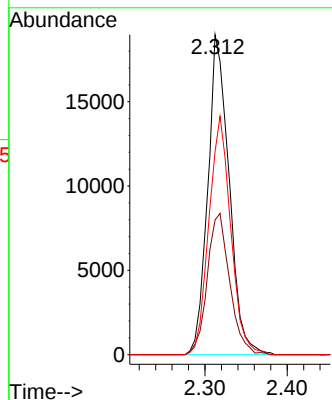
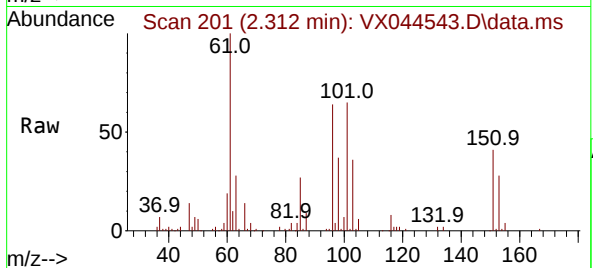




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.196 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044543.D
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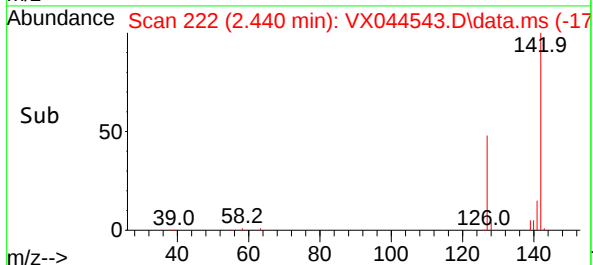
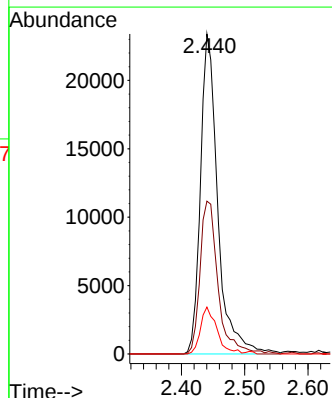
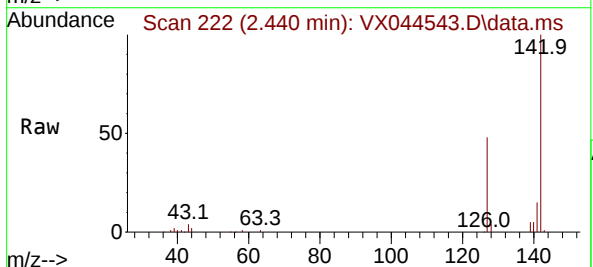
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

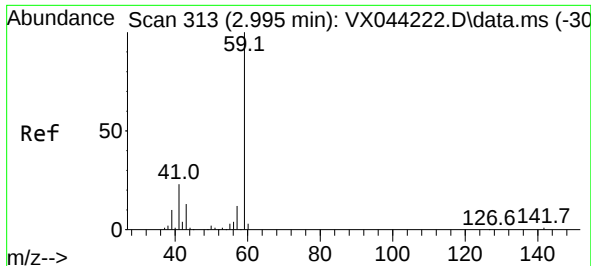
Tgt Ion:101 Resp: 34139
Ion Ratio Lower Upper
101 100
85 46.5 38.5 57.7
151 76.3 55.8 83.6



#10
Methyl Iodide
Concen: 18.052 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion:142 Resp: 44638
Ion Ratio Lower Upper
142 100
127 49.7 41.8 62.8
141 14.0 11.5 17.3

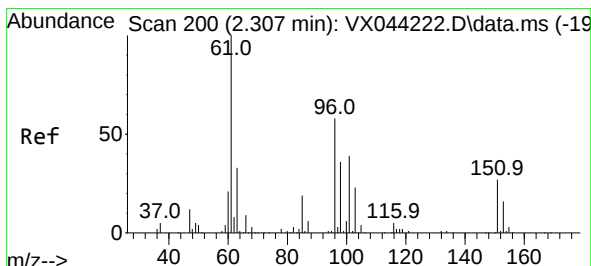
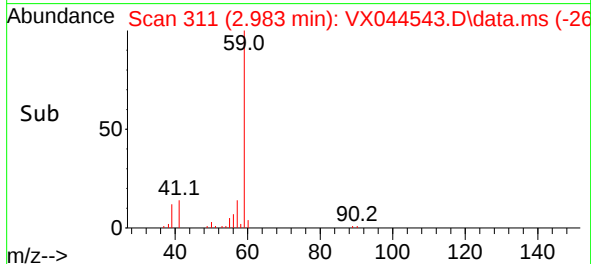
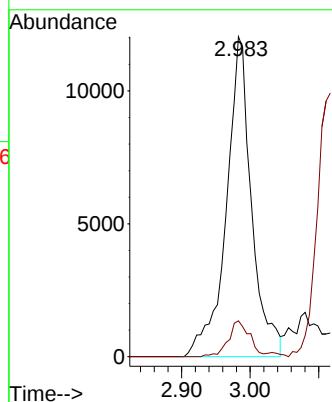
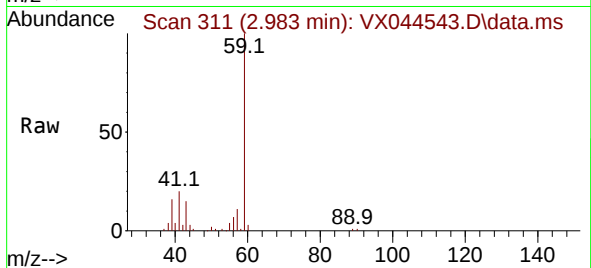




#11
Tert butyl alcohol
Concen: 81.134 ug/l
RT: 2.983 min Scan# 313
Delta R.T. -0.013 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

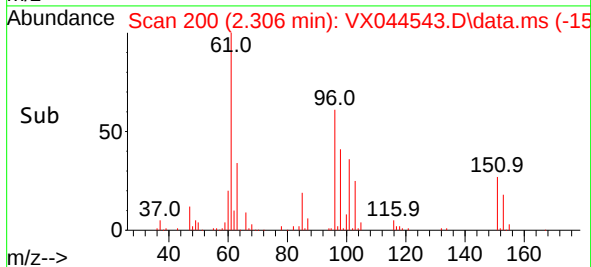
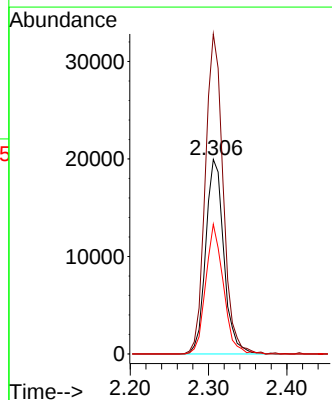
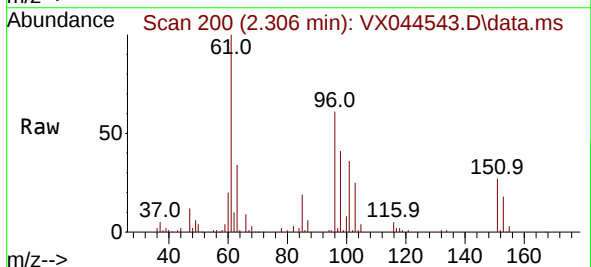
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

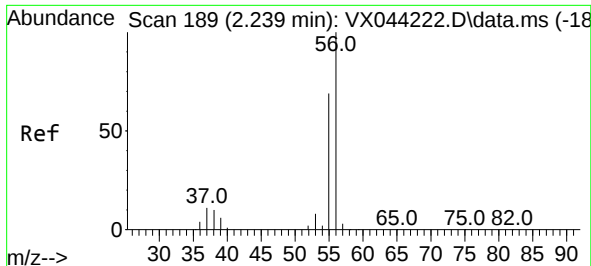
Tgt Ion: 59 Resp: 30824
Ion Ratio Lower Upper
59 100
57 9.4 8.8 13.2



#12
1,1-Dichloroethene
Concen: 18.553 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 96 Resp: 31973
Ion Ratio Lower Upper
96 100
61 164.5 138.0 207.0
98 66.7 50.0 75.0

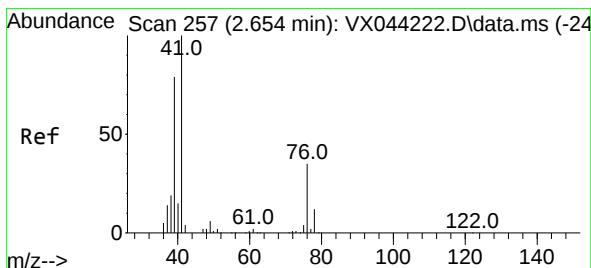
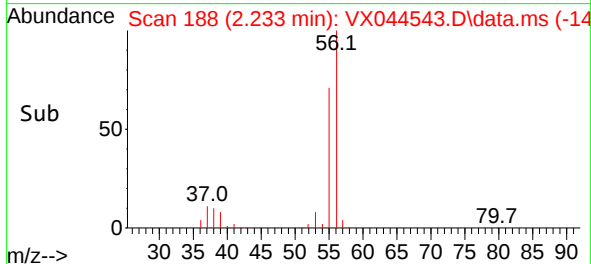
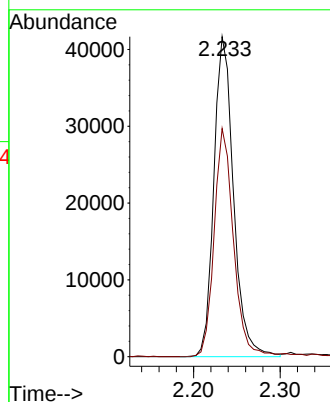
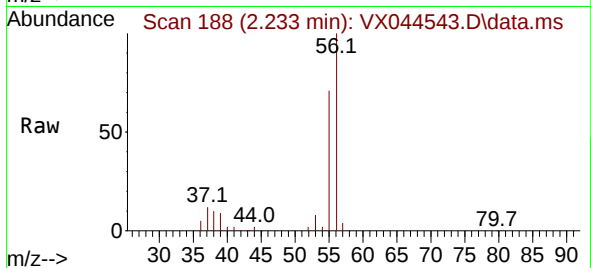




#13
Acrolein
Concen: 119.429 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

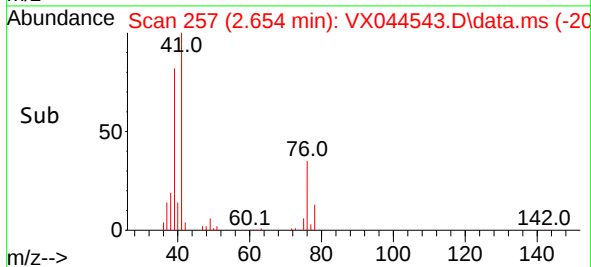
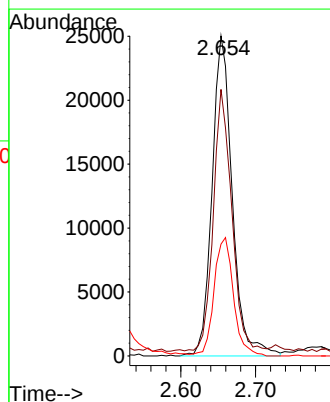
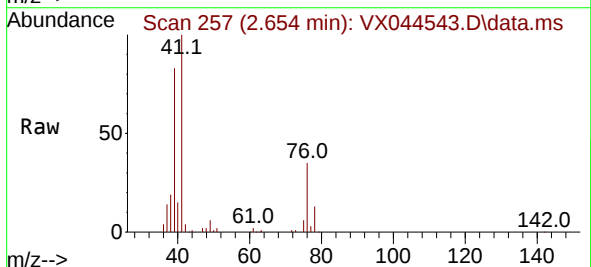
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

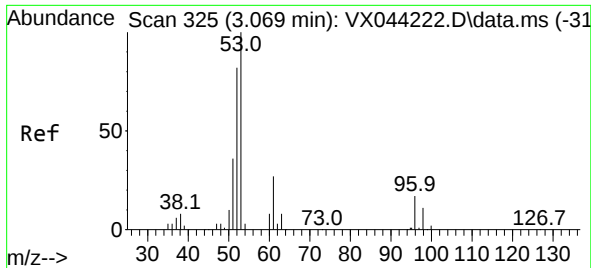
Tgt Ion: 56 Resp: 65679
Ion Ratio Lower Upper
56 100
55 70.1 56.6 84.8



#14
Allyl chloride
Concen: 16.390 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 41 Resp: 47046
Ion Ratio Lower Upper
41 100
39 74.3 61.9 92.9
76 35.6 27.4 41.2





#15

Acrylonitrile

Concen: 86.695 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

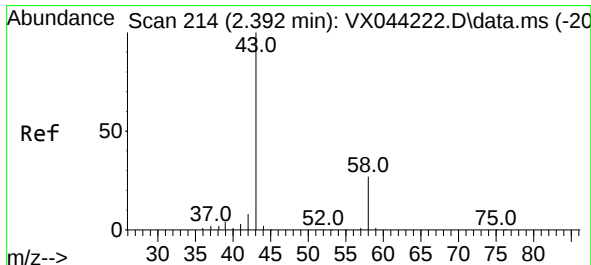
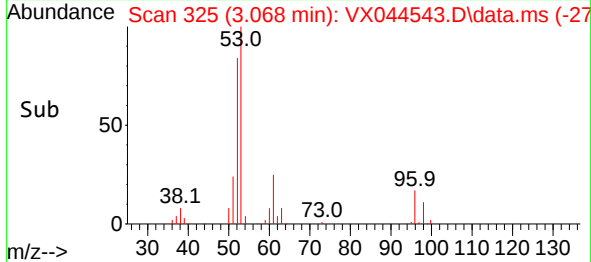
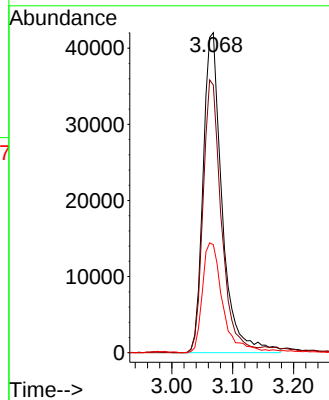
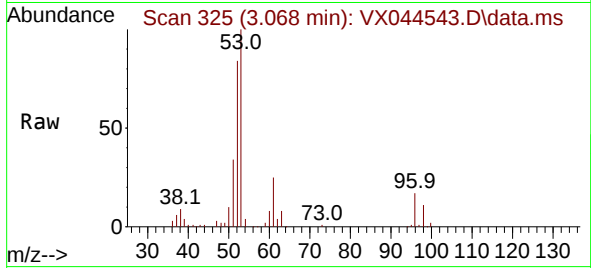
Tgt Ion: 53 Resp: 91236

Ion Ratio Lower Upper

53 100

52 82.0 67.4 101.0

51 37.7 30.3 45.5



#16

Acetone

Concen: 74.346 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.007 min

Lab File: VX044543.D

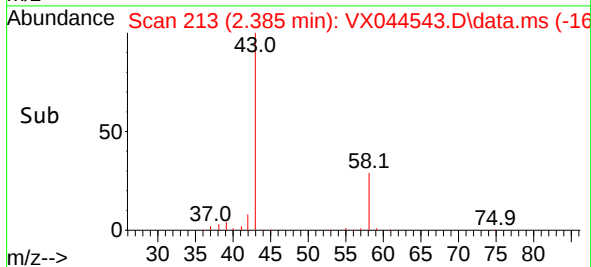
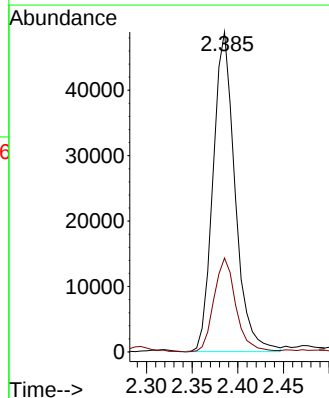
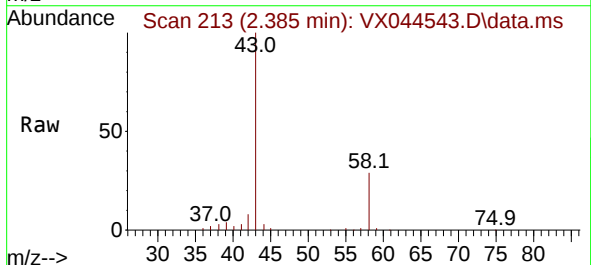
Acq: 30 Dec 2024 14:54

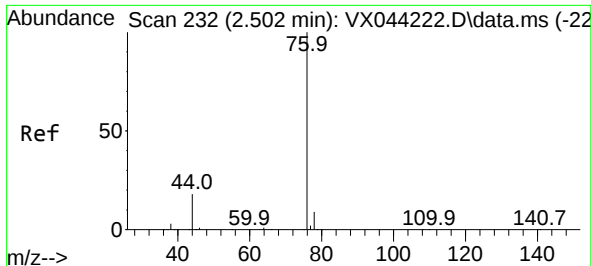
Tgt Ion: 43 Resp: 81705

Ion Ratio Lower Upper

43 100

58 29.2 21.6 32.4

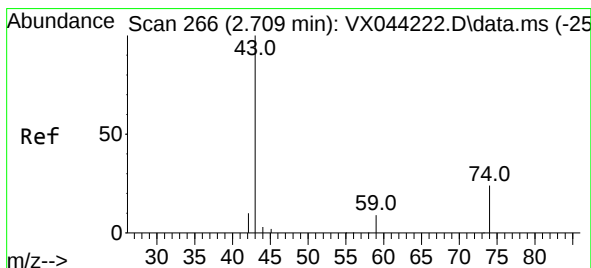
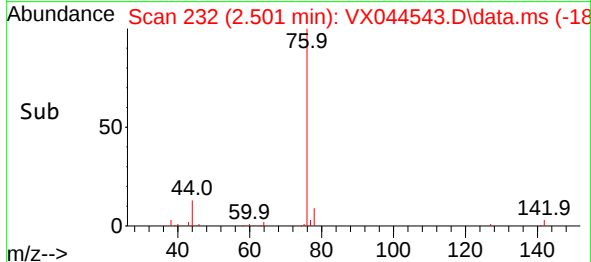
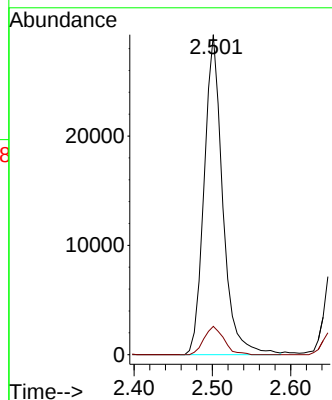
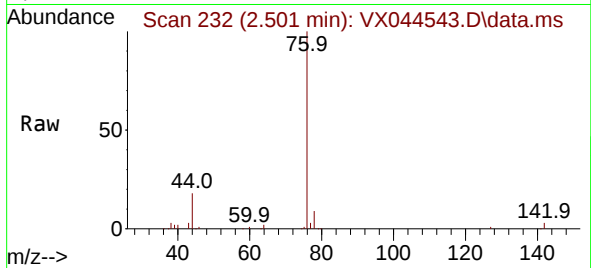




#17
Carbon Disulfide
Concen: 14.706 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

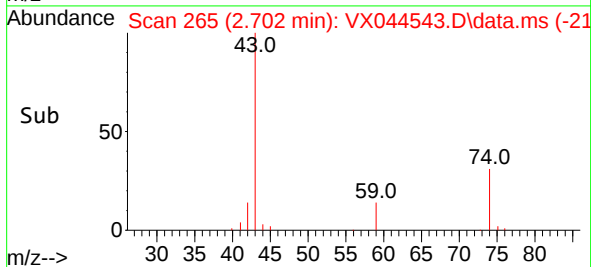
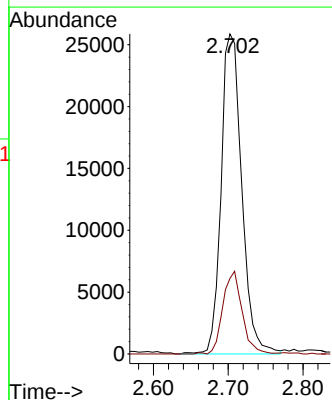
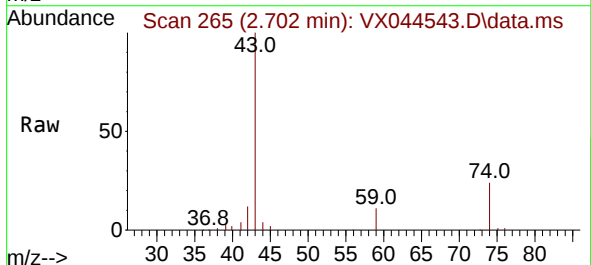
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

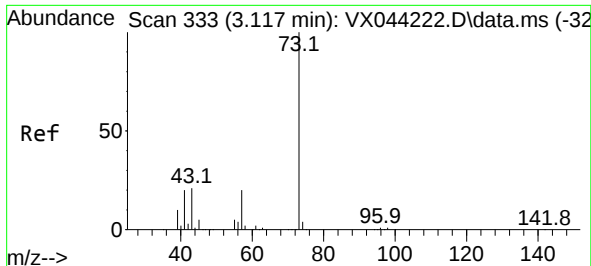
Tgt Ion: 76 Resp: 48174
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 17.576 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.007 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 43 Resp: 49803
Ion Ratio Lower Upper
43 100
74 24.1 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 16.611 ug/l

RT: 3.111 min Scan# 311

Delta R.T. -0.007 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

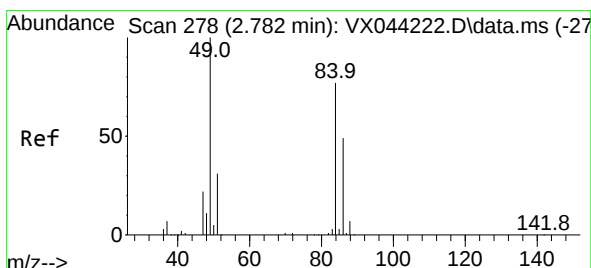
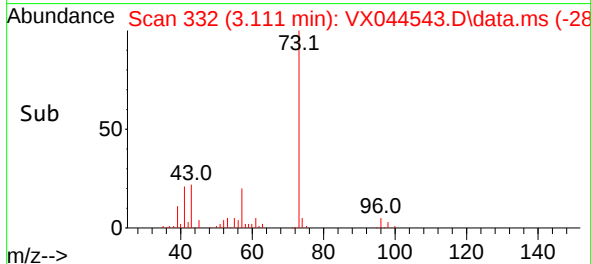
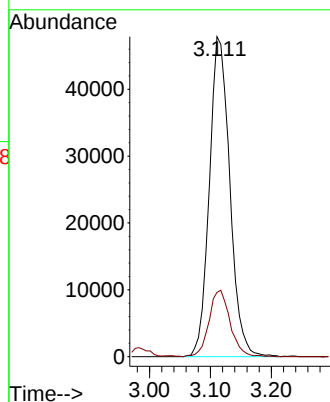
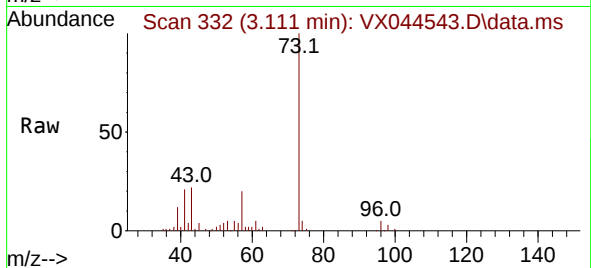
VX1231WBS01

Tgt Ion: 73 Resp: 111711

Ion Ratio Lower Upper

73 100

57 20.1 16.2 24.4



#20

Methylene Chloride

Concen: 17.421 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Tgt Ion: 84 Resp: 35960

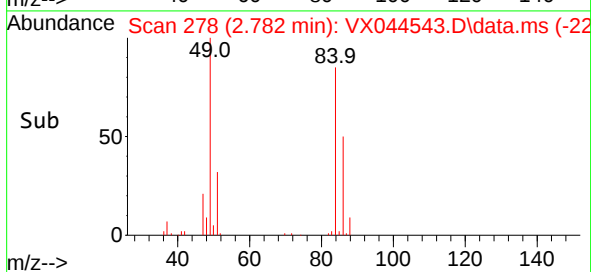
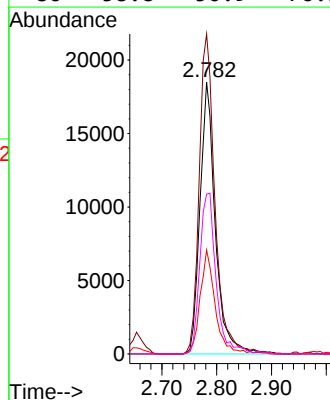
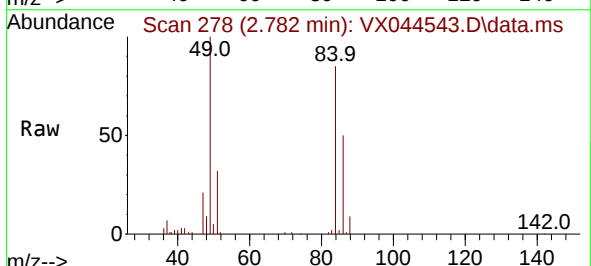
Ion Ratio Lower Upper

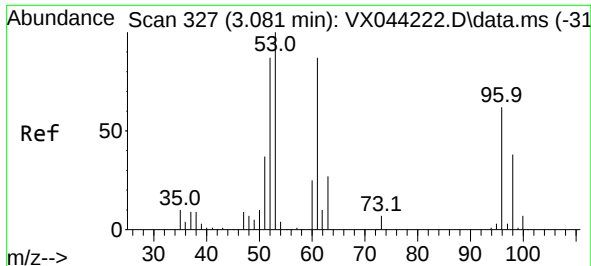
84 100

49 117.6 104.2 156.4

51 38.2 32.2 48.4

86 58.8 50.9 76.3

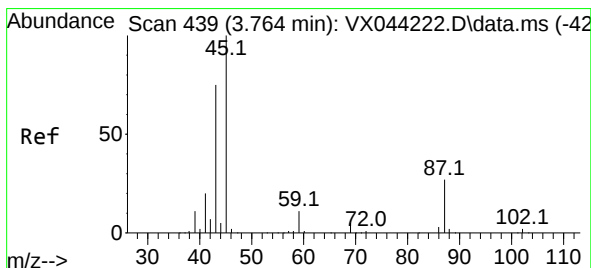
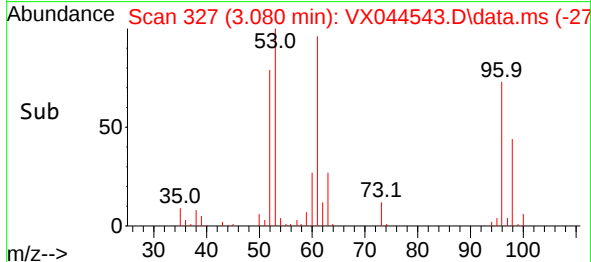
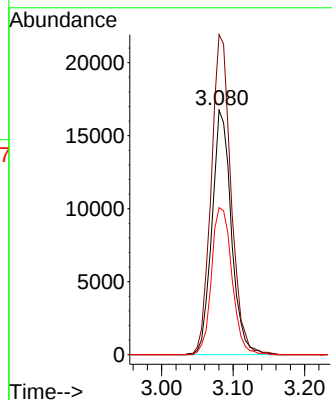
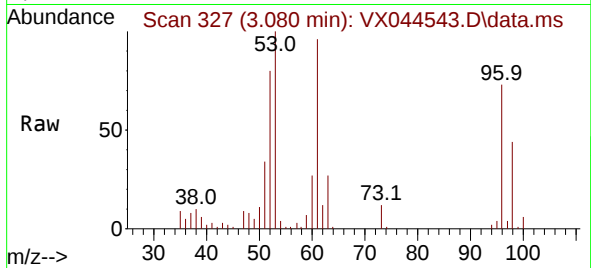




#21
trans-1,2-Dichloroethene
Concen: 17.229 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

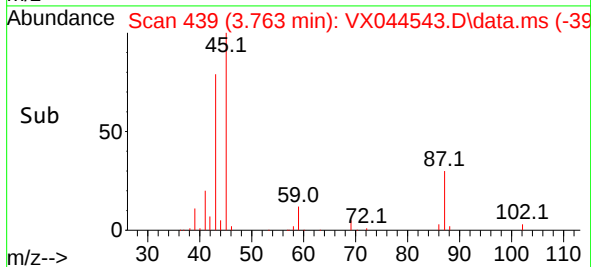
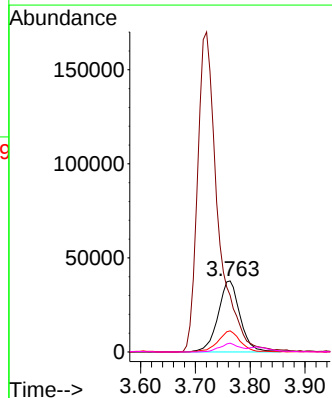
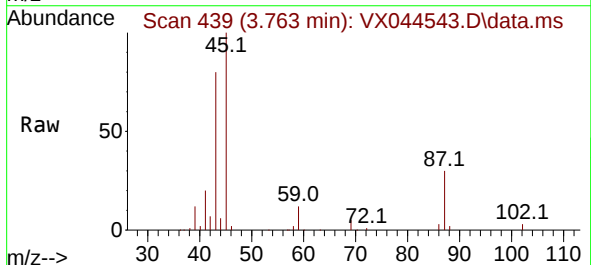
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

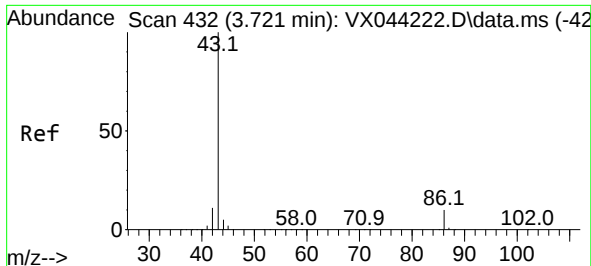
Tgt Ion: 96 Resp: 31555
Ion Ratio Lower Upper
96 100
61 130.9 112.0 168.0
98 60.2 48.8 73.2



#22
Diisopropyl ether
Concen: 16.268 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 45 Resp: 105148
Ion Ratio Lower Upper
45 100
43 79.4 60.2 90.2
87 29.8 21.2 31.8
59 12.4 8.9 13.3

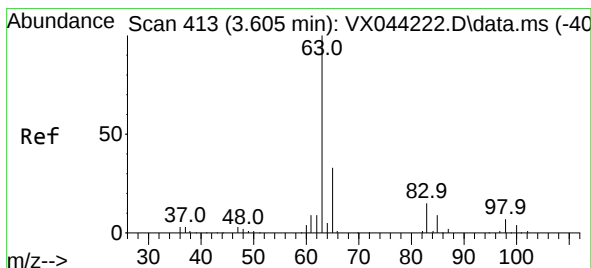
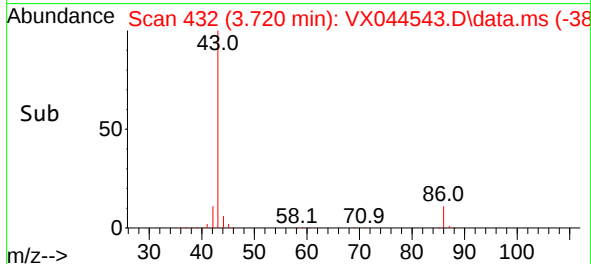
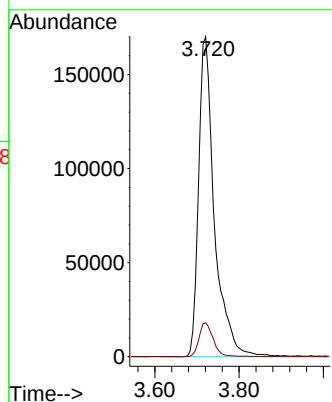
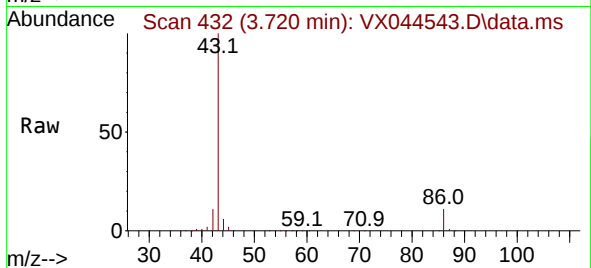




#23
 Vinyl Acetate
 Concen: 84.386 ug/l
 RT: 3.720 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044543.D
 Acq: 30 Dec 2024 14:54

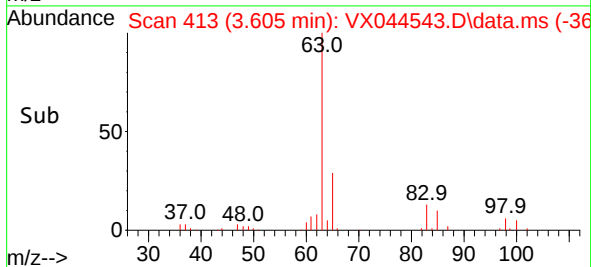
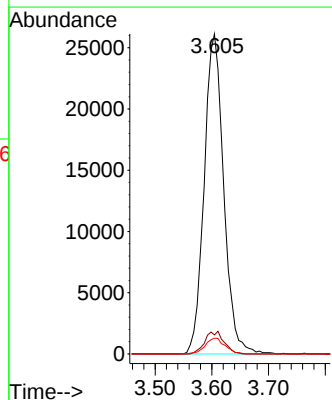
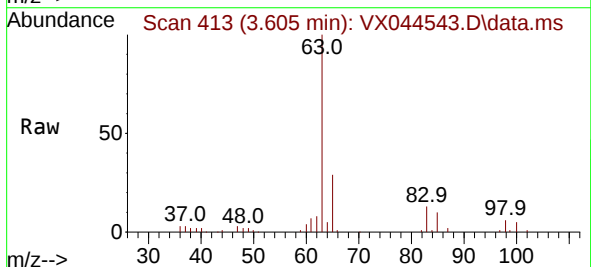
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

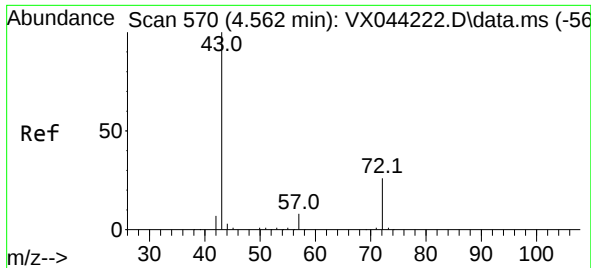
Tgt Ion: 43 Resp: 443441
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 17.362 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044543.D
 Acq: 30 Dec 2024 14:54

Tgt Ion: 63 Resp: 62553
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.6 10.8
 100 4.9 2.1 6.3

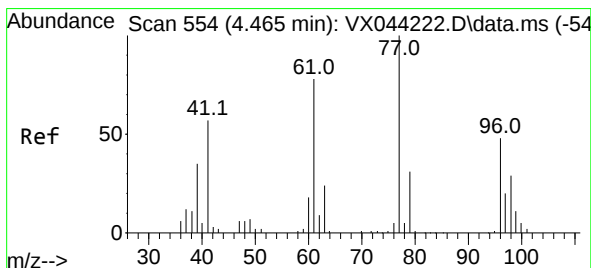
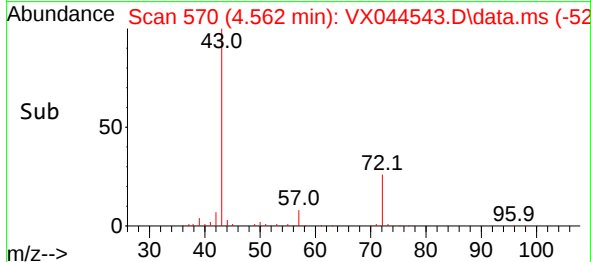
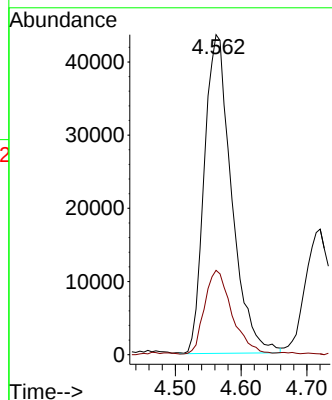
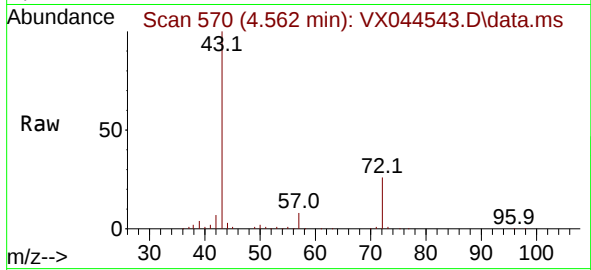




#25
2-Butanone
Concen: 80.280 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

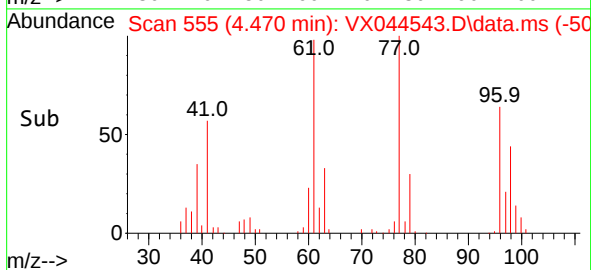
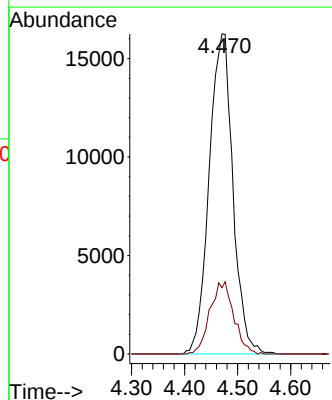
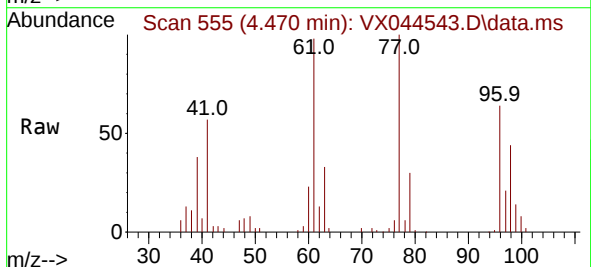
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

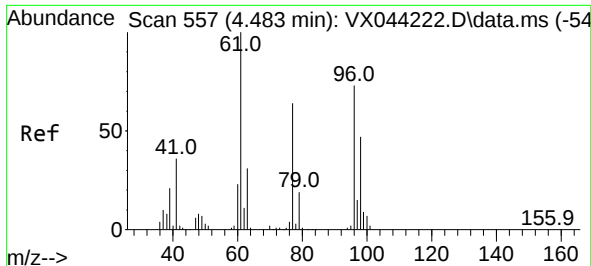
Tgt Ion: 43 Resp: 125426
Ion Ratio Lower Upper
43 100
72 26.3 20.2 30.4



#26
2,2-Dichloropropane
Concen: 17.223 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 77 Resp: 50413
Ion Ratio Lower Upper
77 100
97 22.7 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 17.170 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

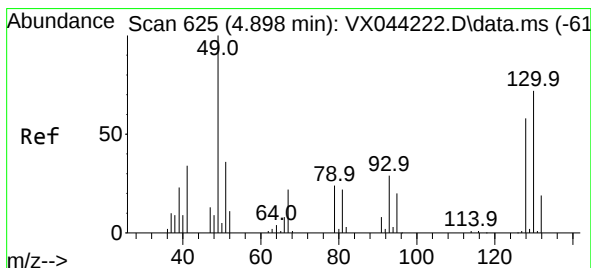
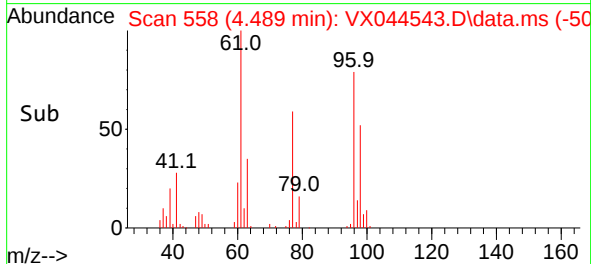
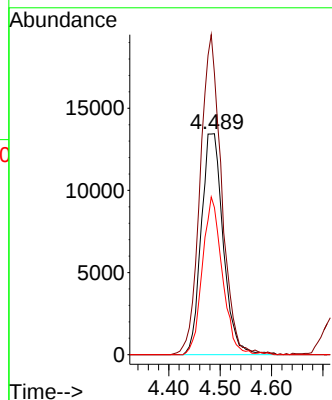
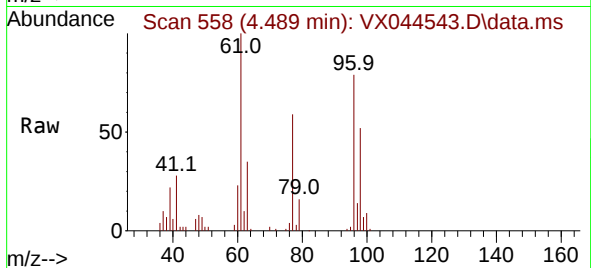
Tgt Ion: 96 Resp: 39939

Ion Ratio Lower Upper

96 100

61 140.8 0.0 299.0

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 16.932 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

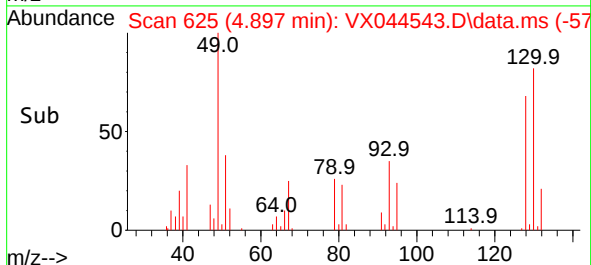
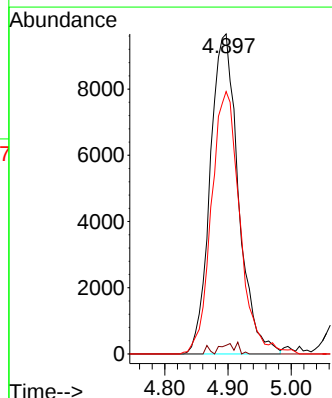
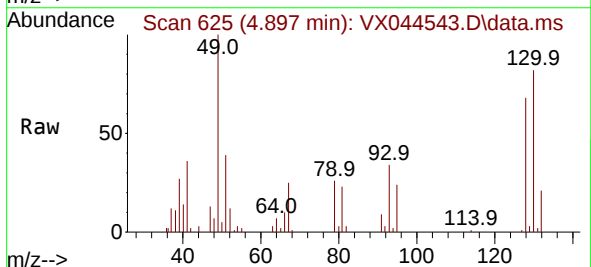
Tgt Ion: 49 Resp: 29914

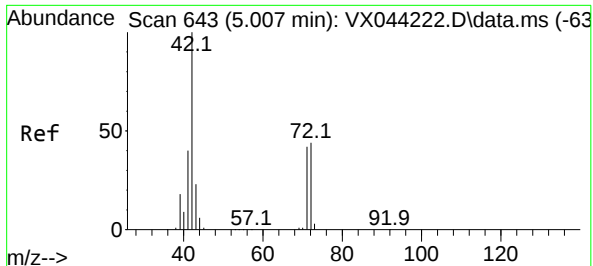
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 83.0 62.1 93.1





#29

Tetrahydrofuran

Concen: 80.443 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

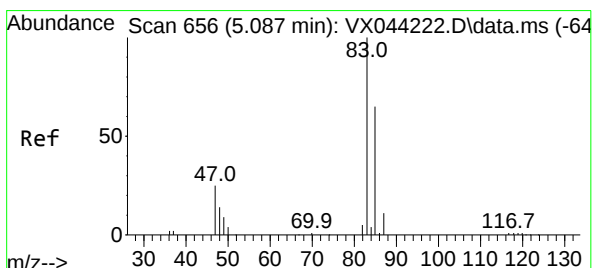
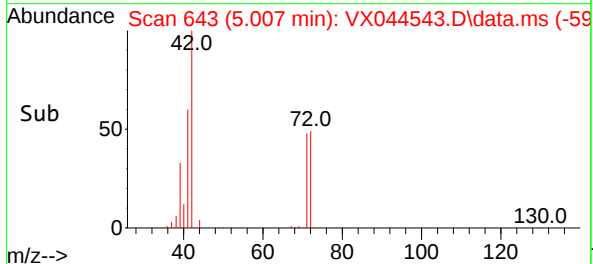
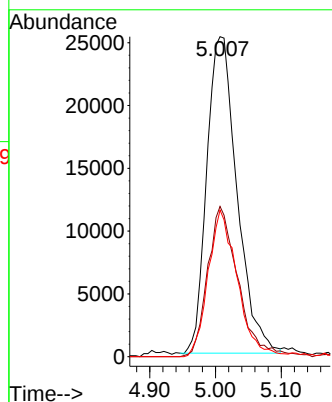
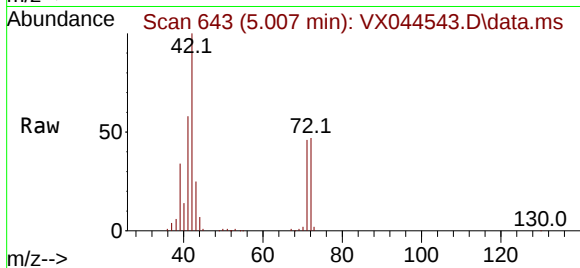
Tgt Ion: 42 Resp: 80671

Ion Ratio Lower Upper

42 100

72 47.7 37.0 55.6

71 44.5 33.6 50.4



#30

Chloroform

Concen: 16.810 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX044543.D

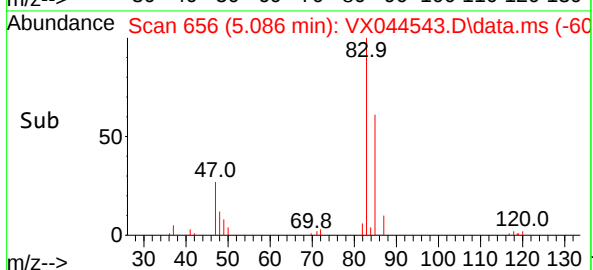
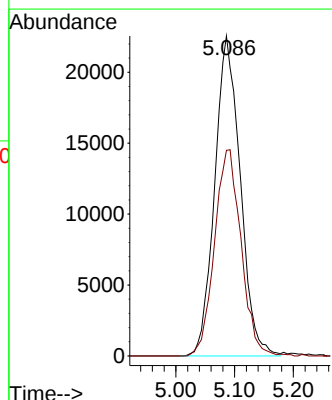
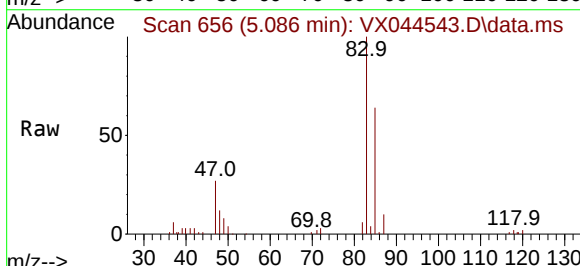
Acq: 30 Dec 2024 14:54

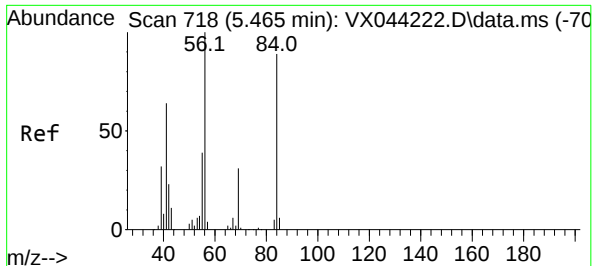
Tgt Ion: 83 Resp: 68047

Ion Ratio Lower Upper

83 100

85 64.2 51.6 77.4

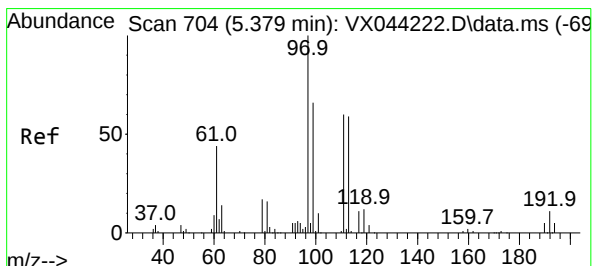
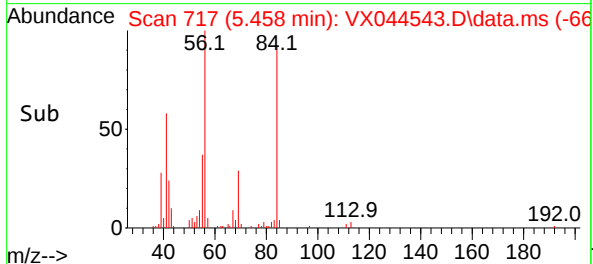
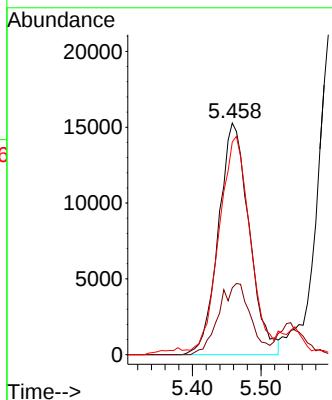
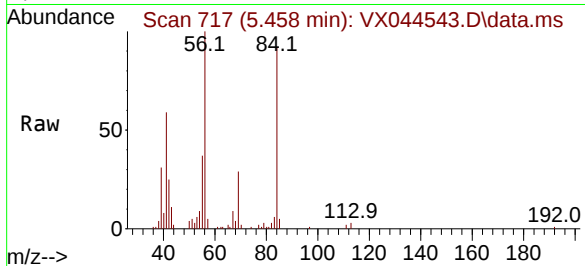




#31
Cyclohexane
Concen: 16.355 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

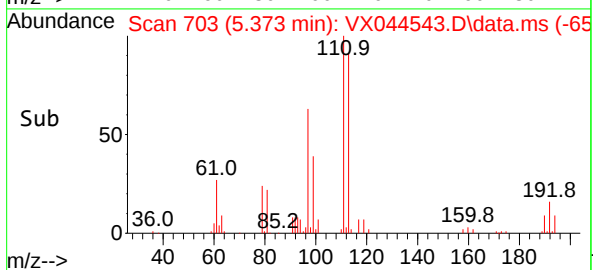
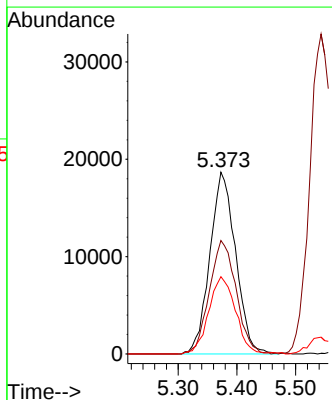
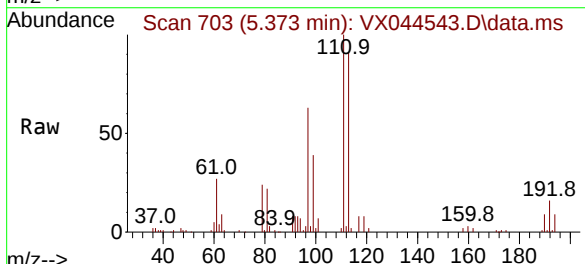
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

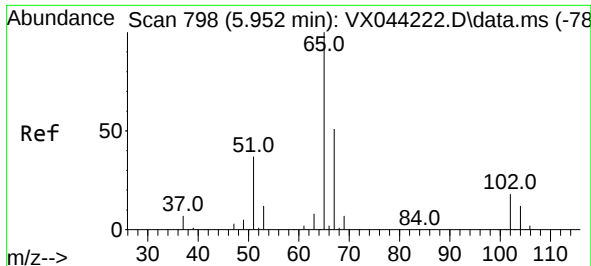
Tgt Ion: 56 Resp: 47583
Ion Ratio Lower Upper
56 100
69 28.8 24.7 37.1
84 88.8 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 16.931 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.007 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 97 Resp: 56892
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 44.0 35.2 52.8

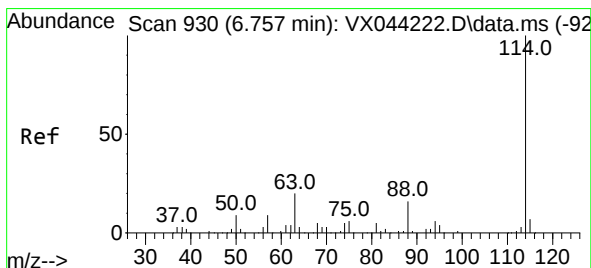
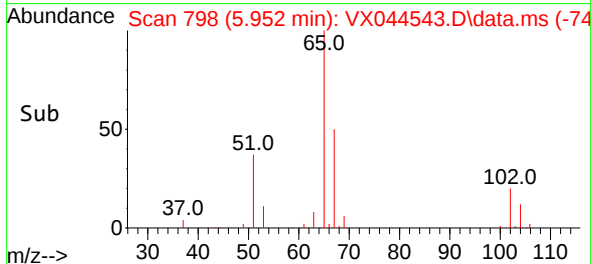
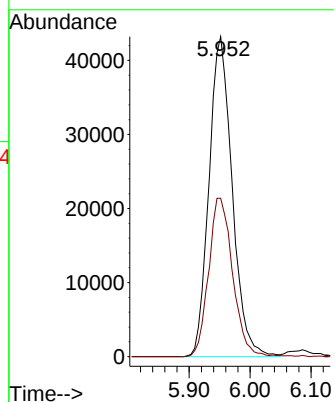
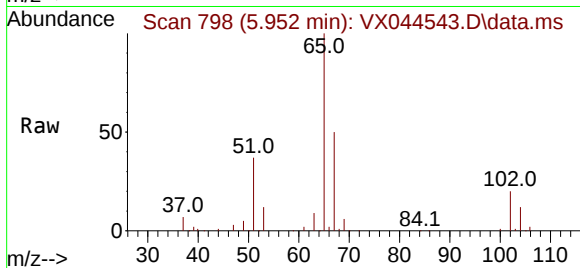




#33
 1,2-Dichloroethane-d4
 Concen: 42.406 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX044543.D
 Acq: 30 Dec 2024 14:54

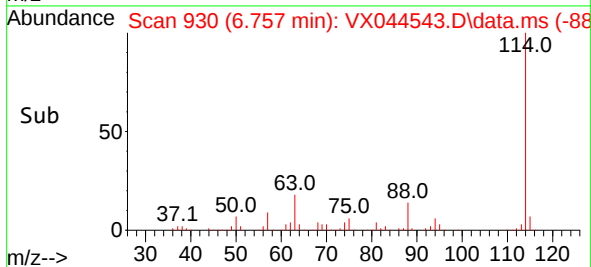
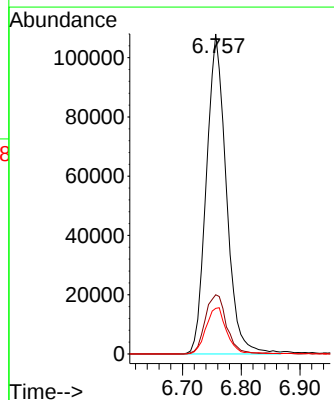
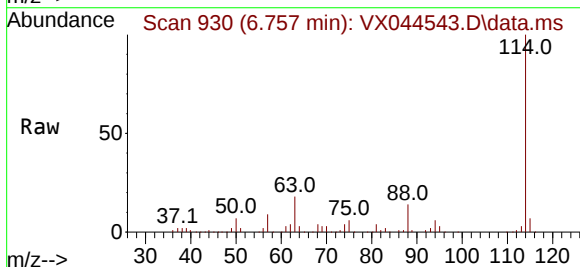
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

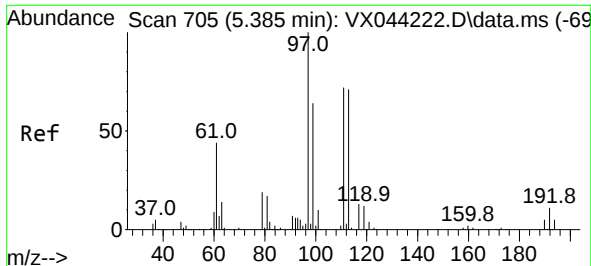
Tgt Ion: 65 Resp: 114312
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044543.D
 Acq: 30 Dec 2024 14:54

Tgt Ion: 114 Resp: 254154
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.6
 88 14.2 0.0 31.8

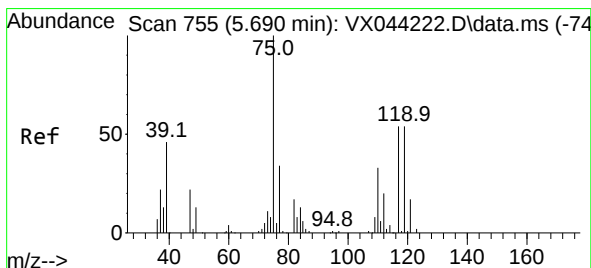
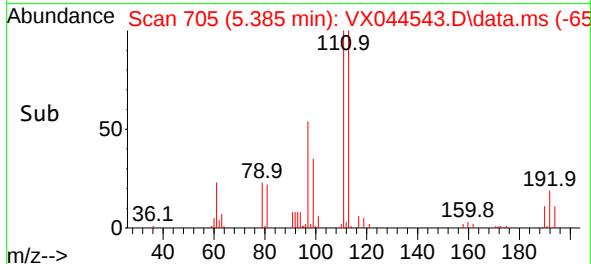
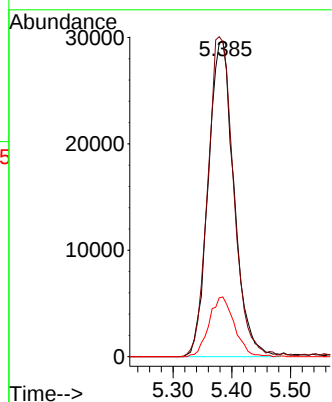
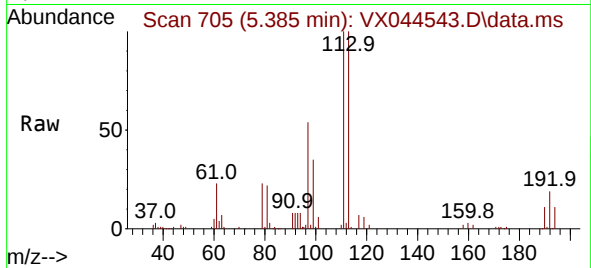




#35
Dibromofluoromethane
Concen: 51.151 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

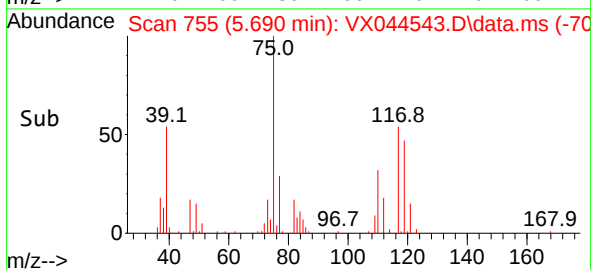
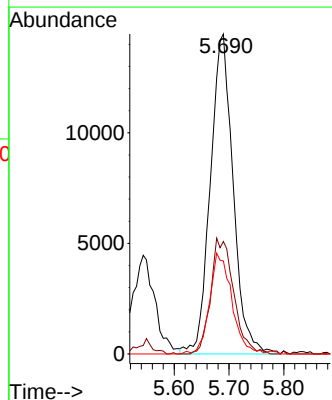
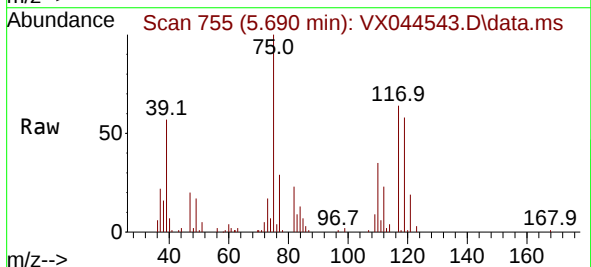
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

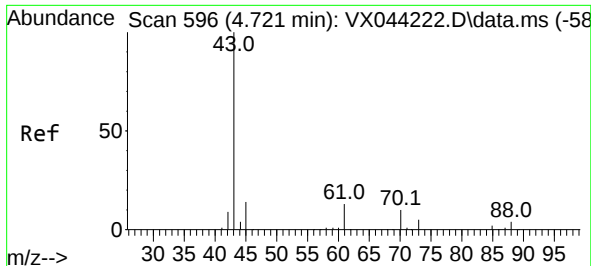
Tgt Ion:113 Resp: 90038
Ion Ratio Lower Upper
113 100
111 101.7 80.4 120.6
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 18.376 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 75 Resp: 41811
Ion Ratio Lower Upper
75 100
110 36.4 17.3 51.7
77 30.6 25.4 38.0





#37

Ethyl Acetate

Concen: 17.387 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX044543.D

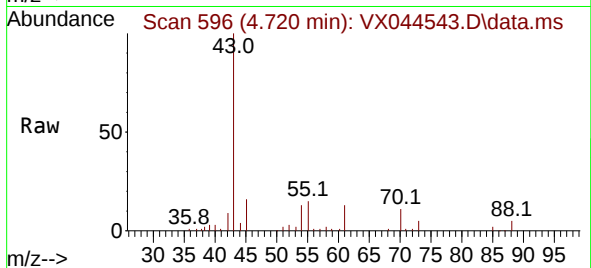
Acq: 30 Dec 2024 14:54

Instrument :

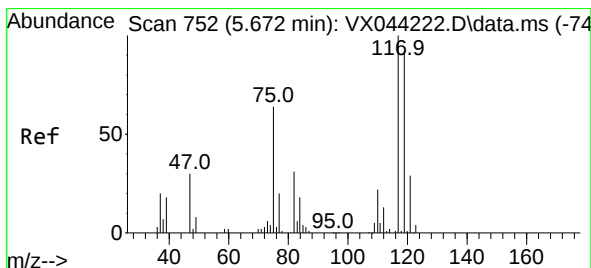
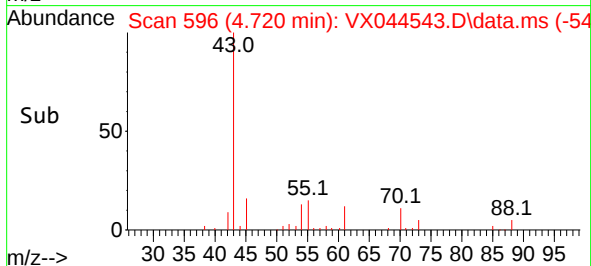
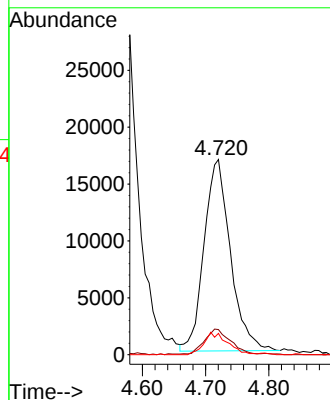
MSVOA_X

ClientSampleId :

VX1231WBS01



Tgt Ion:	43	Resp:	48902
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.8	14.8
70	10.4	7.7	11.5



#38

Carbon Tetrachloride

Concen: 18.916 ug/l

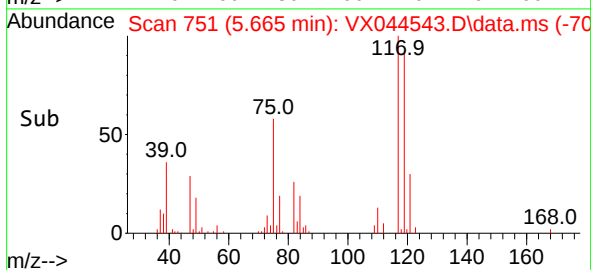
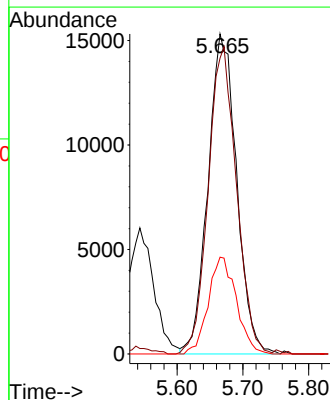
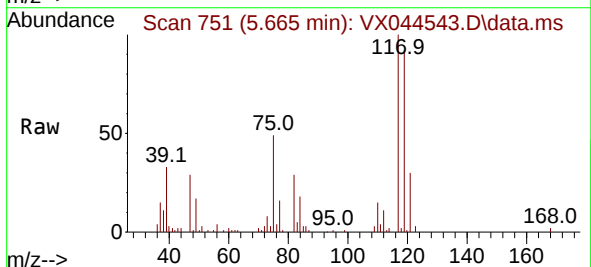
RT: 5.665 min Scan# 751

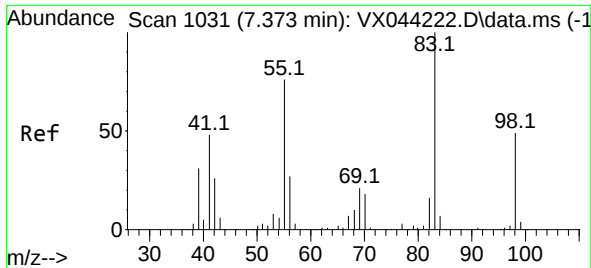
Delta R.T. -0.007 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Tgt Ion:	117	Resp:	46337
Ion	Ratio	Lower	Upper
117	100		
119	92.0	74.2	111.4
121	30.2	23.0	34.6

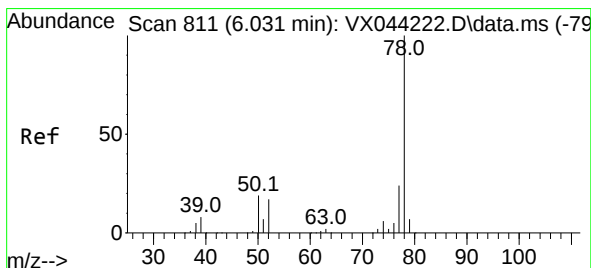
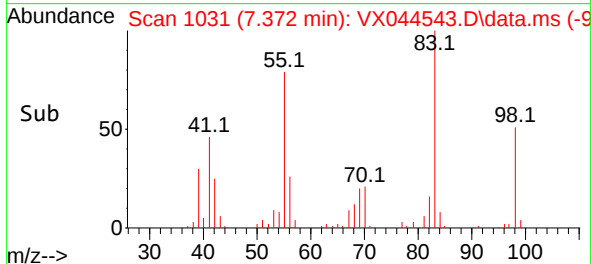
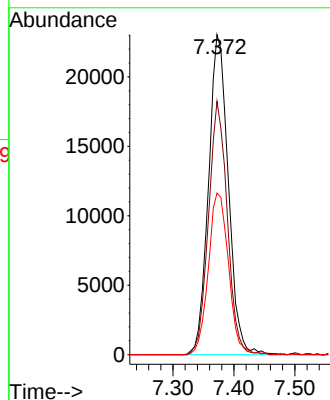
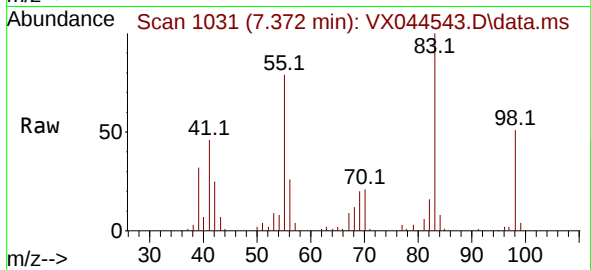




#39
Methylcyclohexane
Concen: 19.124 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

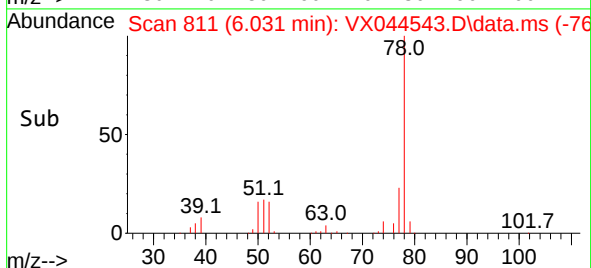
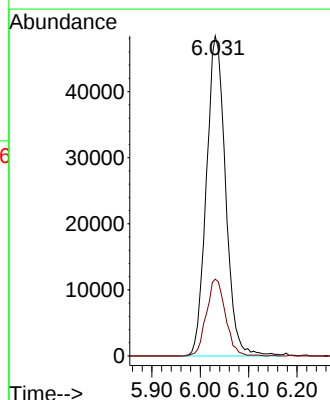
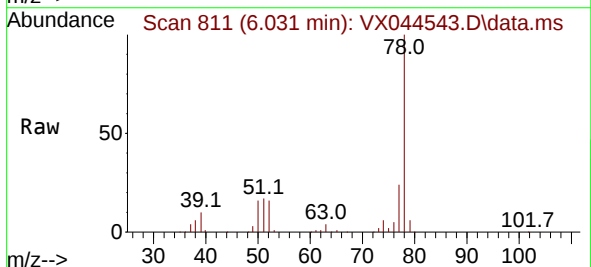
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

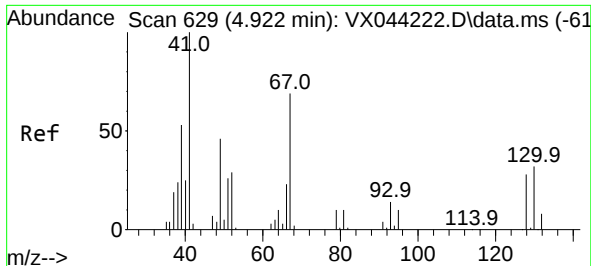
Tgt Ion: 83 Resp: 52019
Ion Ratio Lower Upper
83 100
55 79.2 60.7 91.1
98 50.5 38.9 58.3



#40
Benzene
Concen: 19.310 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 78 Resp: 133403
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

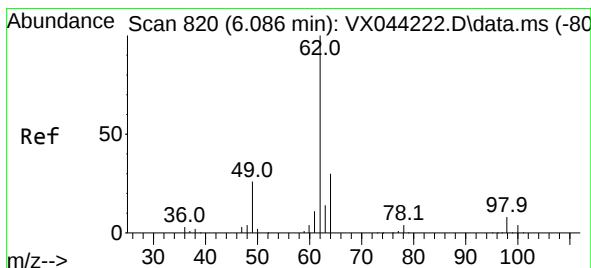
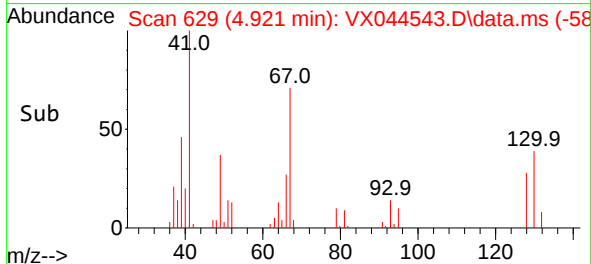
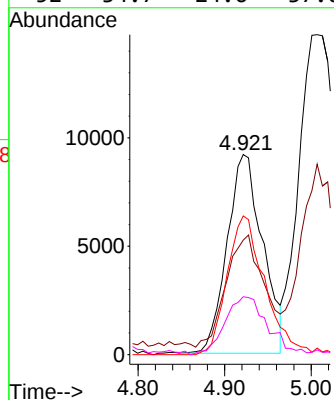
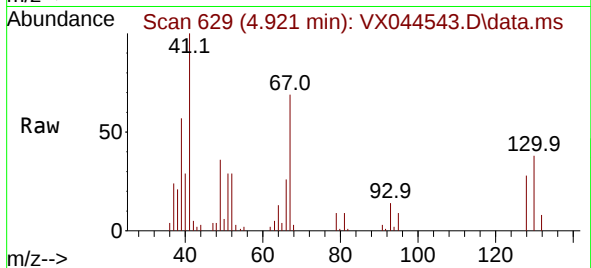




#41
Methacrylonitrile
Concen: 17.547 ug/l
RT: 4.921 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

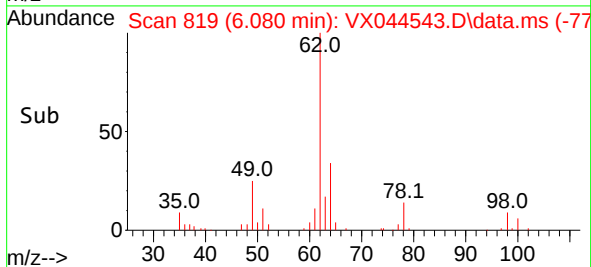
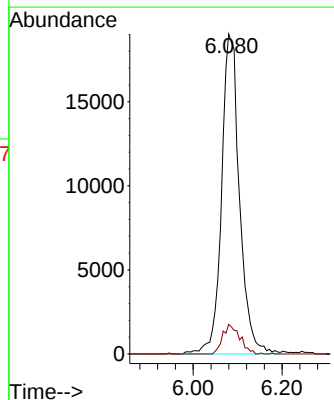
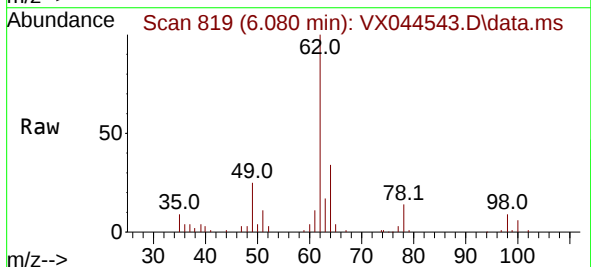
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

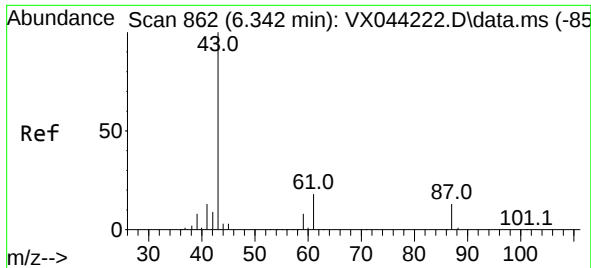
Tgt Ion:	41	Resp:	26206
Ion	Ratio	Lower	Upper
41	100		
39	59.9	44.2	66.4
67	73.7	57.2	85.8
52	34.7	24.6	37.0



#42
1,2-Dichloroethane
Concen: 18.732 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.007 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion:	62	Resp:	53308
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.8

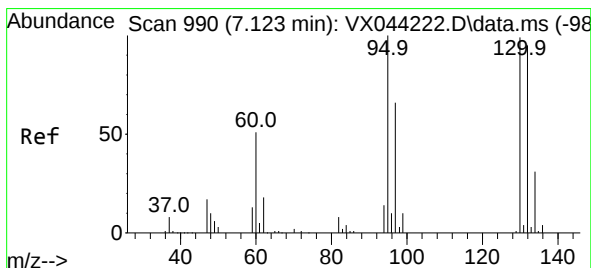
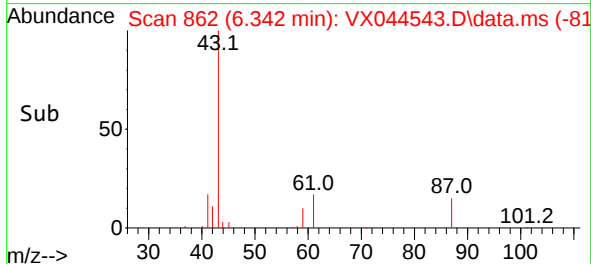
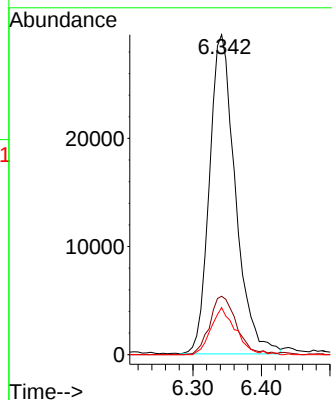
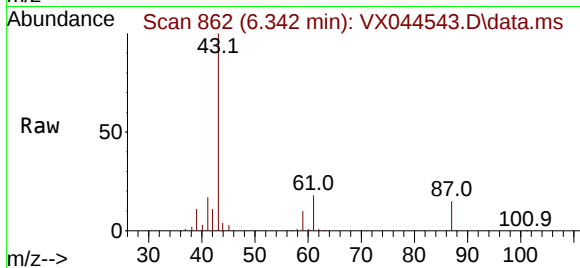




#43
Isopropyl Acetate
Concen: 17.679 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

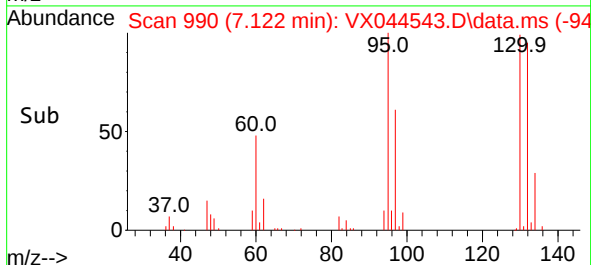
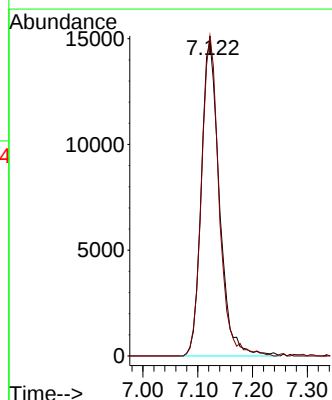
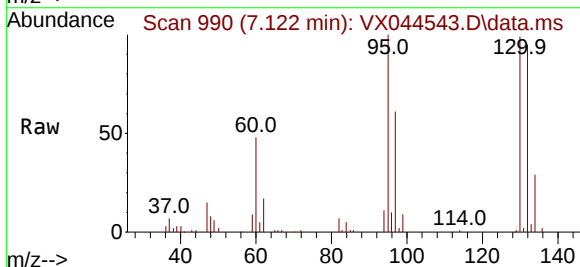
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

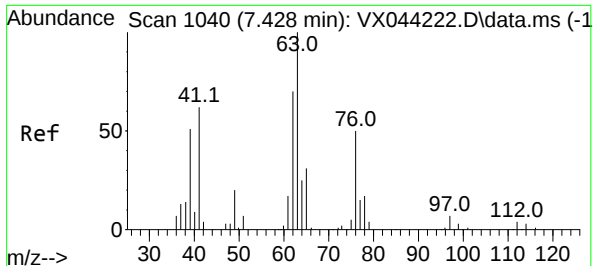
Tgt Ion: 43 Resp: 77717
Ion Ratio Lower Upper
43 100
61 19.0 14.2 21.2
87 14.1 10.2 15.2



#44
Trichloroethene
Concen: 19.862 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion:130 Resp: 34218
Ion Ratio Lower Upper
130 100
95 101.4 0.0 201.4





#45

1,2-Dichloropropane

Concen: 18.843 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

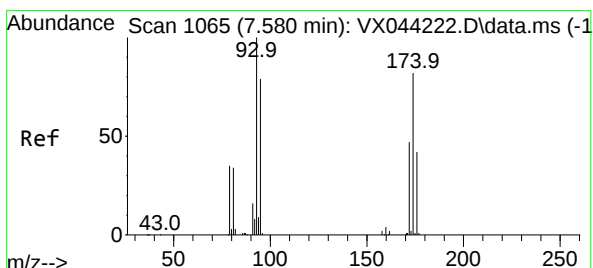
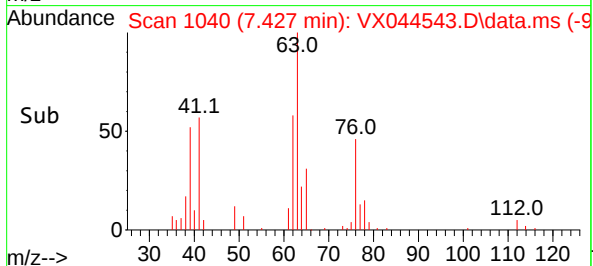
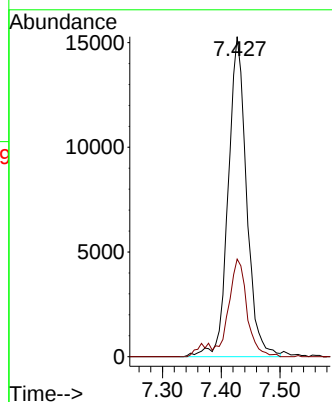
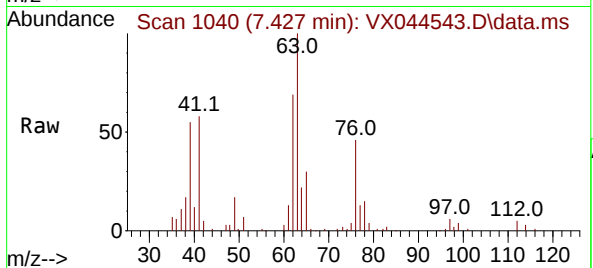
VX1231WBS01

Tgt Ion: 63 Resp: 33258

Ion Ratio Lower Upper

63 100

65 30.5 24.6 37.0



#46

Dibromomethane

Concen: 19.331 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

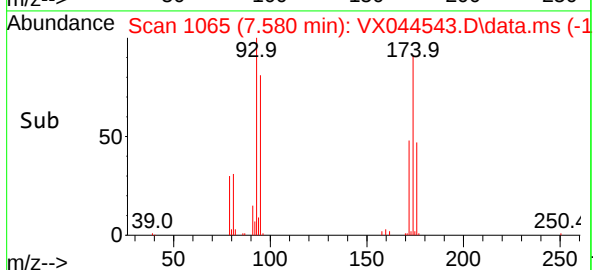
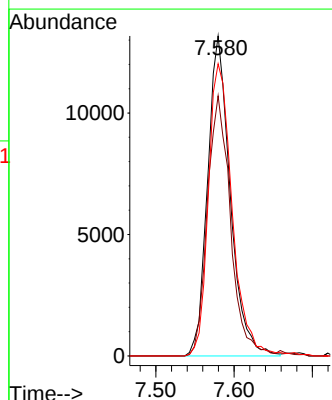
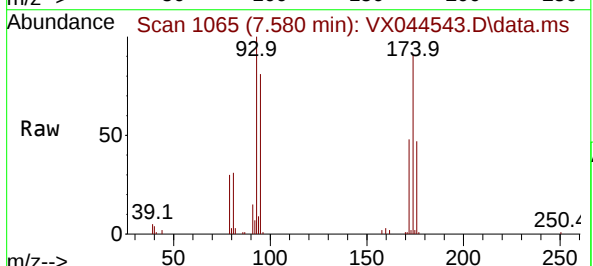
Tgt Ion: 93 Resp: 26469

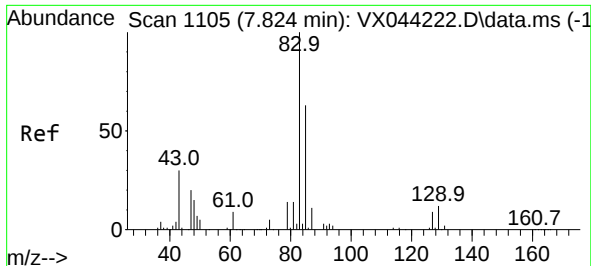
Ion Ratio Lower Upper

93 100

95 82.9 65.4 98.2

174 96.4 67.9 101.9

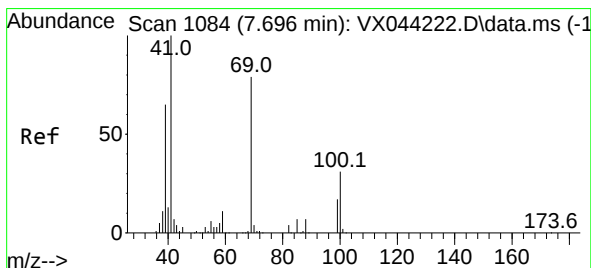
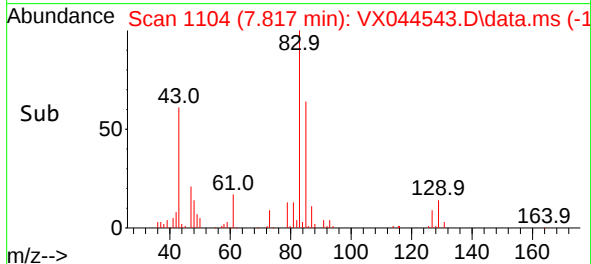
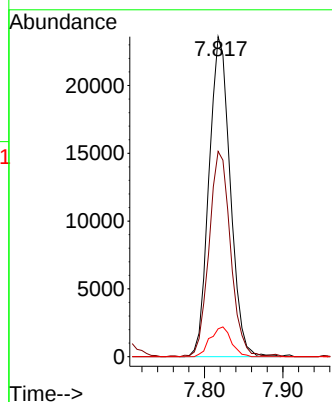
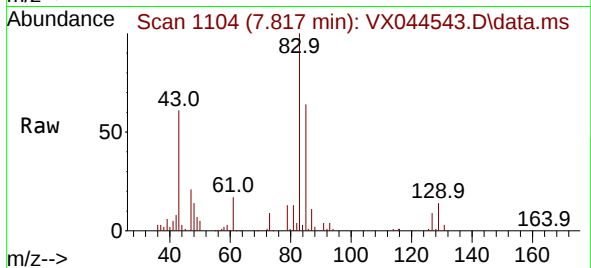




#47
Bromodichloromethane
Concen: 18.736 ug/l
RT: 7.817 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

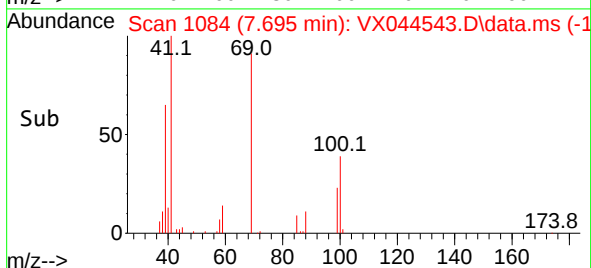
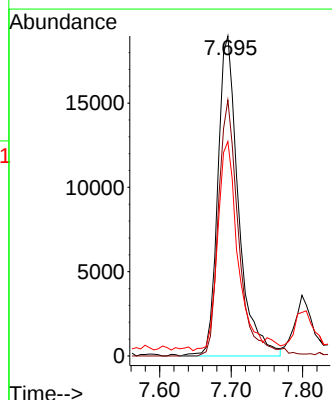
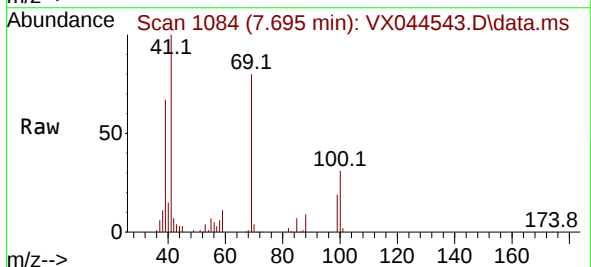
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

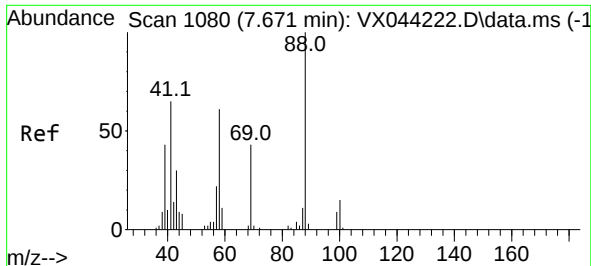
Tgt Ion: 83 Resp: 44308
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 8.7 7.3 10.9



#48
Methyl methacrylate
Concen: 17.845 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 41 Resp: 38081
Ion Ratio Lower Upper
41 100
69 78.5 62.4 93.6
39 64.7 53.3 79.9





#49

1,4-Dioxane

Concen: 295.105 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.007 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

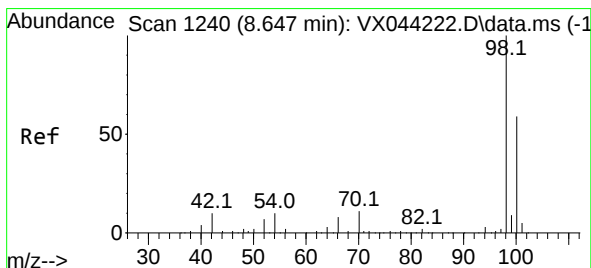
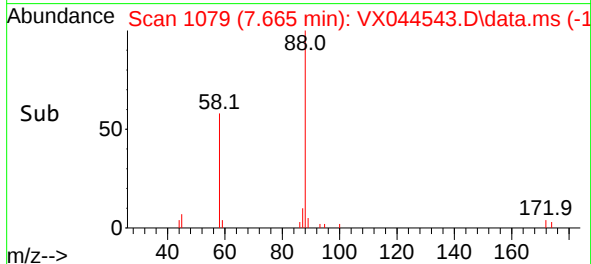
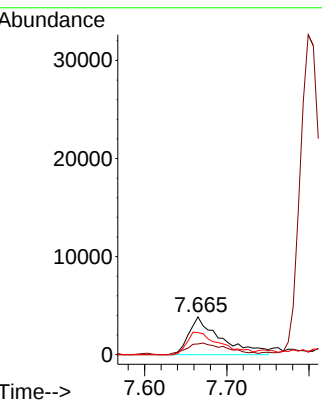
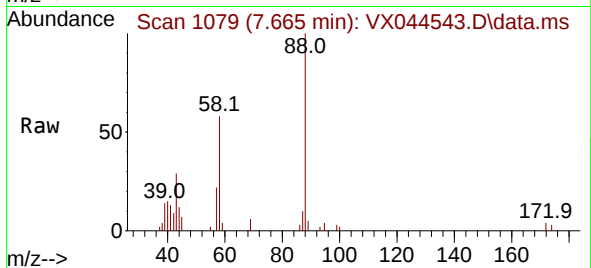
Tgt Ion: 88 Resp: 10441

Ion Ratio Lower Upper

88 100

43 38.3 27.1 40.7

58 61.2 41.0 61.4



#50

Toluene-d8

Concen: 50.713 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044543.D

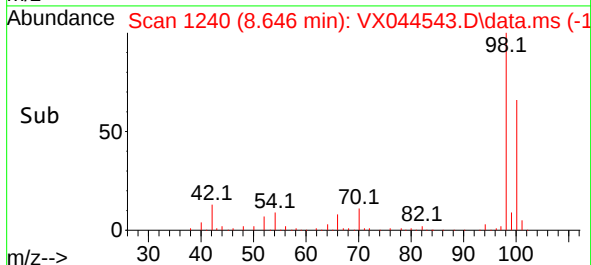
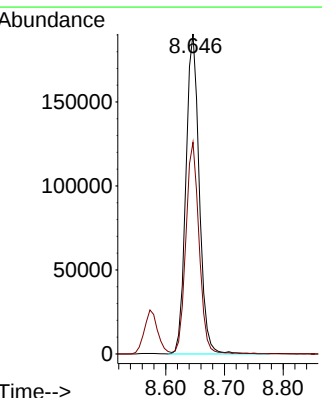
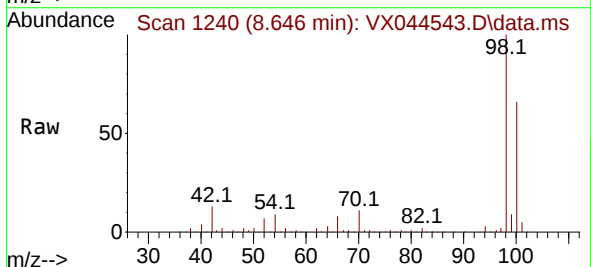
Acq: 30 Dec 2024 14:54

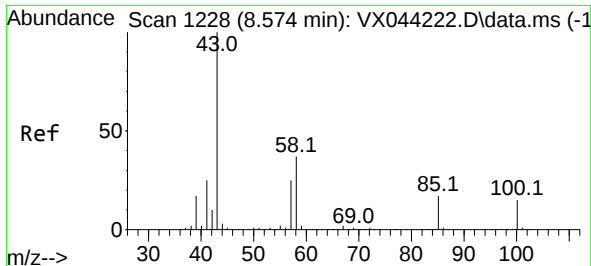
Tgt Ion: 98 Resp: 301165

Ion Ratio Lower Upper

98 100

100 65.4 51.5 77.3

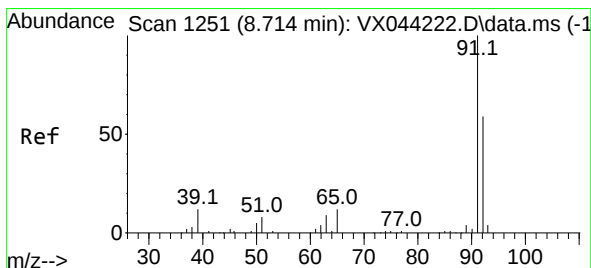
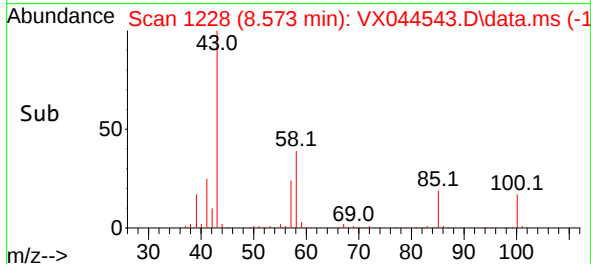
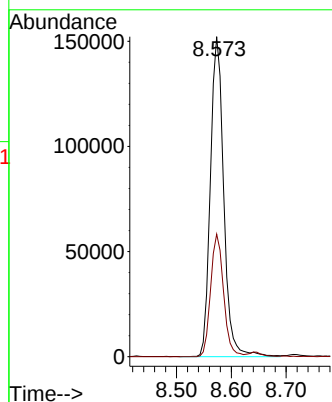
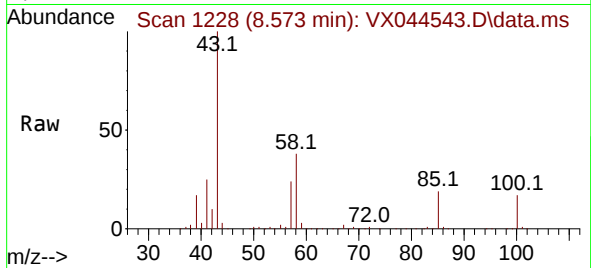




#51
4-Methyl-2-Pentanone
Concen: 90.739 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

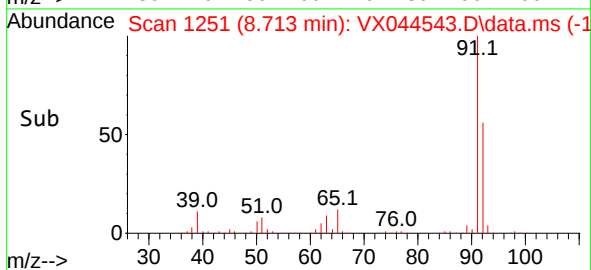
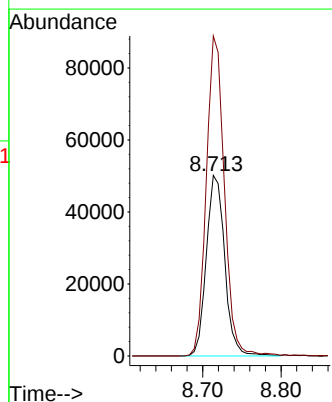
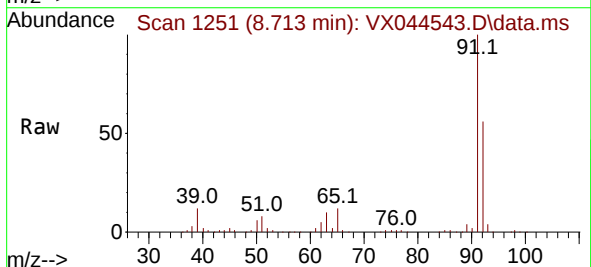
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

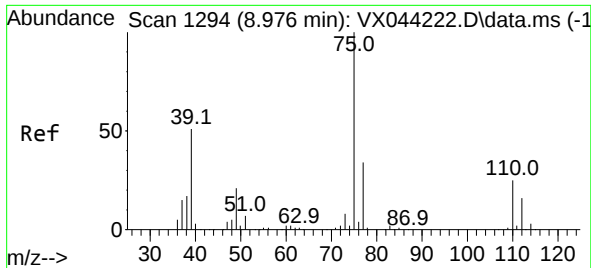
Tgt Ion: 43 Resp: 256481
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.0



#52
Toluene
Concen: 18.868 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 92 Resp: 81853
Ion Ratio Lower Upper
92 100
91 173.8 137.0 205.6

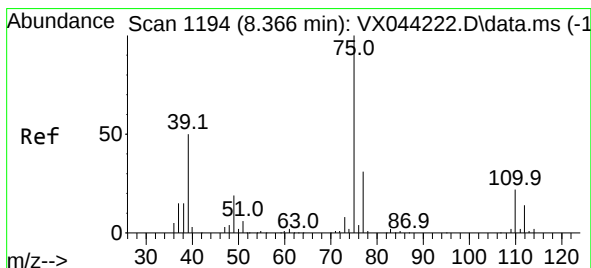
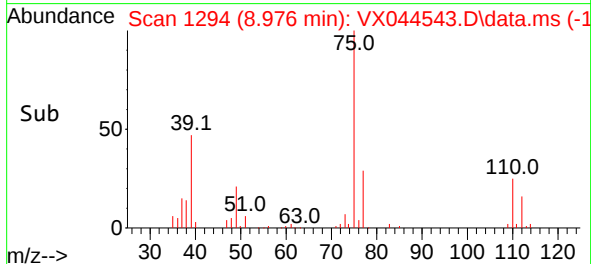
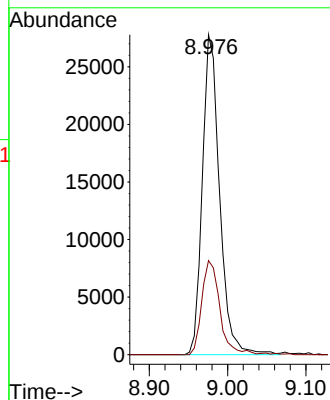
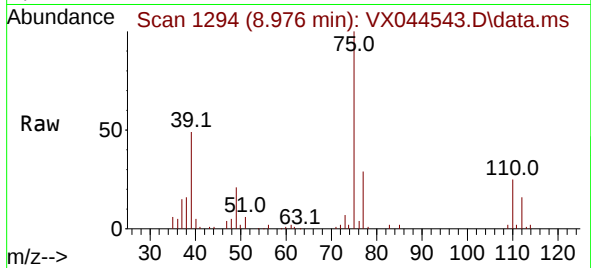




#53
t-1,3-Dichloropropene
Concen: 17.946 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

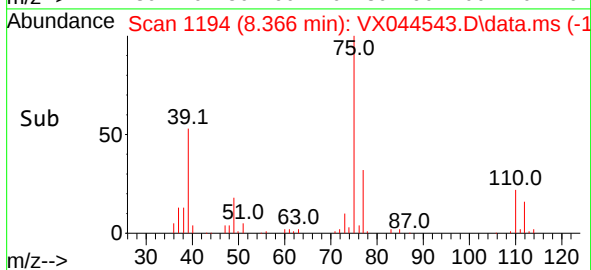
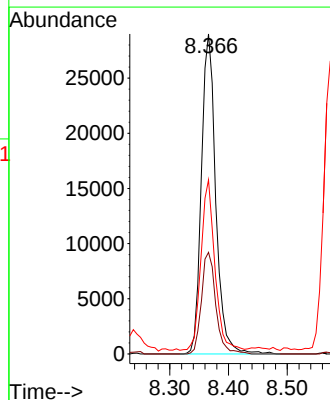
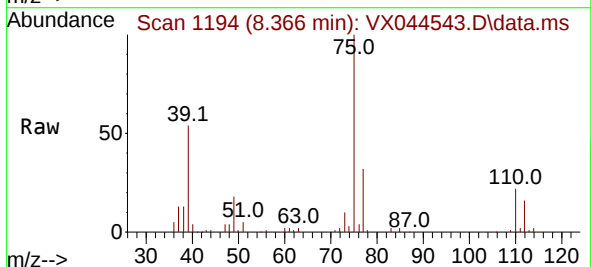
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

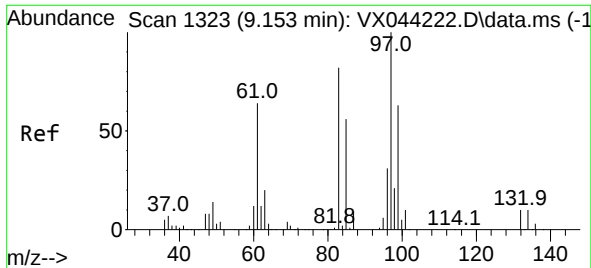
Tgt Ion: 75 Resp: 42464
Ion Ratio Lower Upper
75 100
77 29.4 27.2 40.8



#54
cis-1,3-Dichloropropene
Concen: 19.180 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 75 Resp: 49386
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1
39 53.3 40.3 60.5

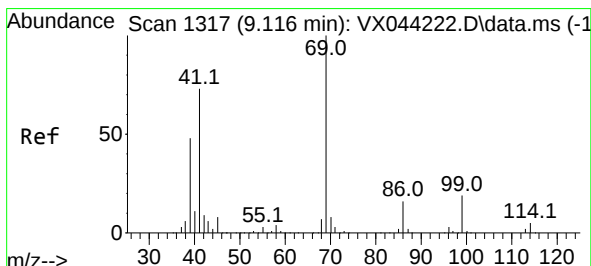
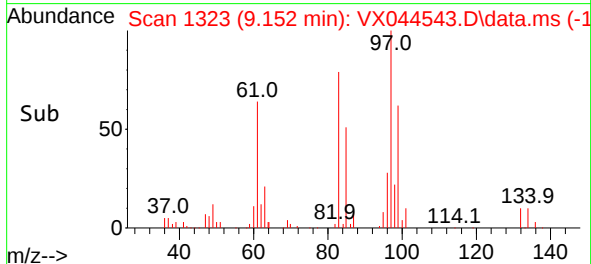
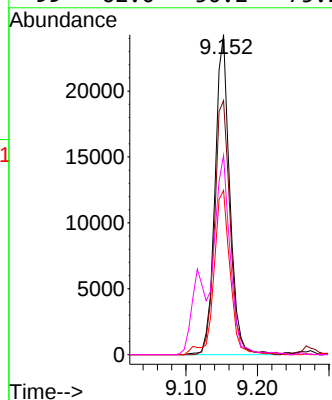
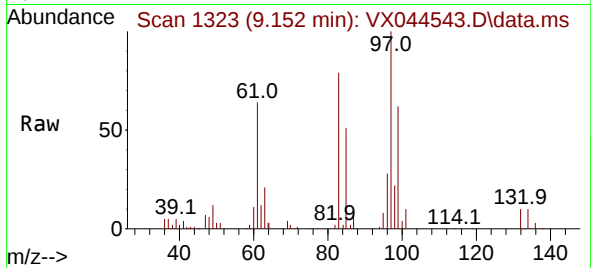




#55
1,1,2-Trichloroethane
Concen: 20.166 ug/l
RT: 9.152 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

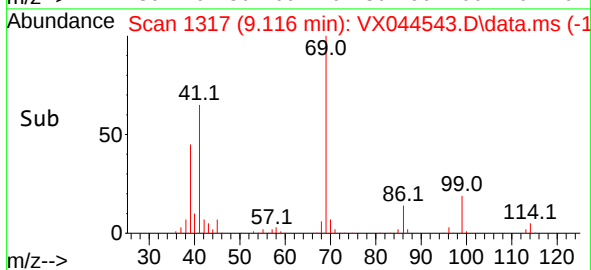
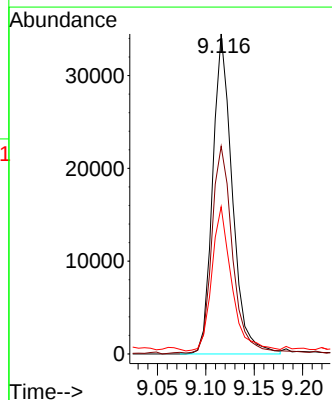
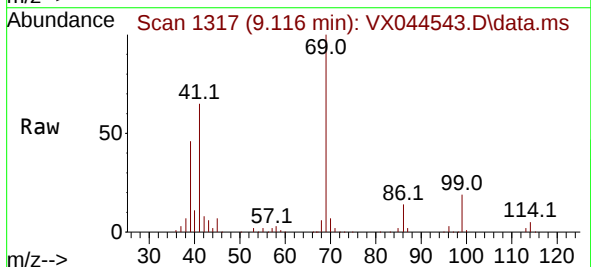
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

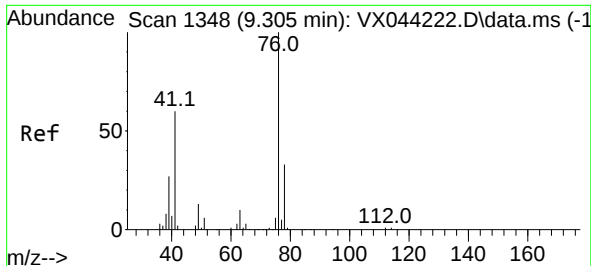
Tgt Ion:	97	Resp:	34756
Ion	Ratio	Lower	Upper
97	100		
83	79.4	65.3	97.9
85	51.4	44.6	67.0
99	62.0	50.2	75.2



#56
Ethyl methacrylate
Concen: 17.884 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion:	69	Resp:	48658
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.6	85.0
39	45.6	37.4	56.0





#57

1,3-Dichloropropane

Concen: 19.017 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

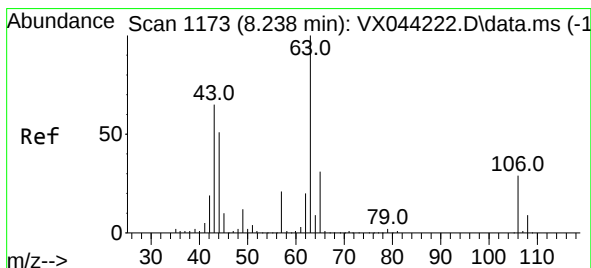
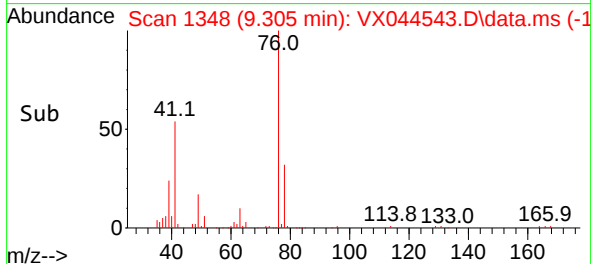
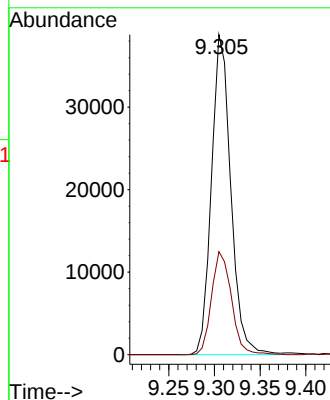
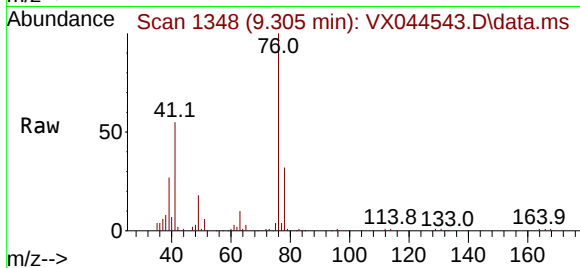
VX1231WBS01

Tgt Ion: 76 Resp: 57049

Ion Ratio Lower Upper

76 100

78 33.1 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 82.945 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX044543.D

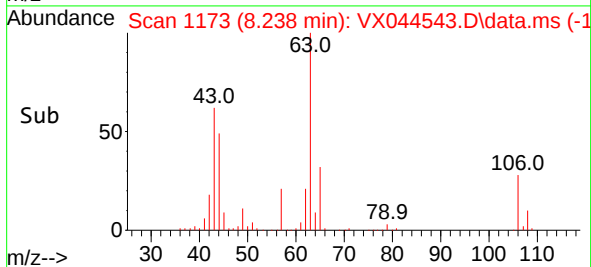
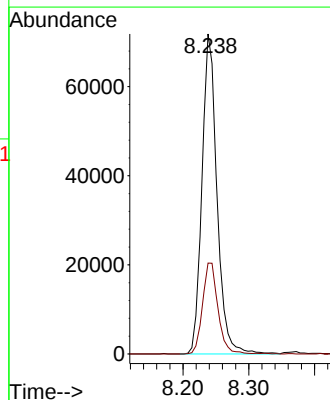
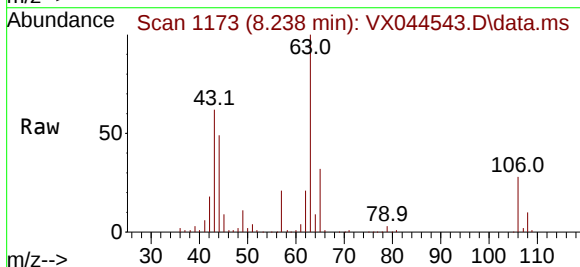
Acq: 30 Dec 2024 14:54

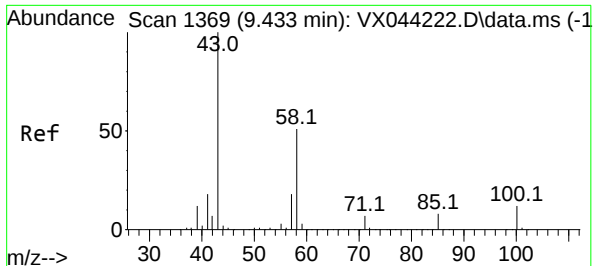
Tgt Ion: 63 Resp: 113825

Ion Ratio Lower Upper

63 100

106 29.3 22.8 34.2





#59

2-Hexanone

Concen: 90.950 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

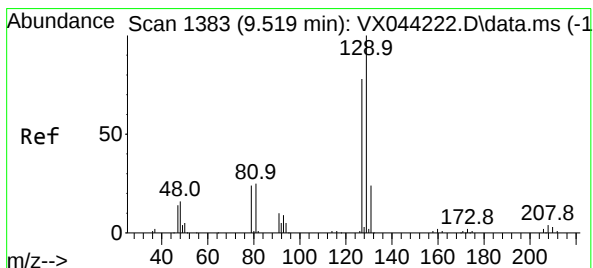
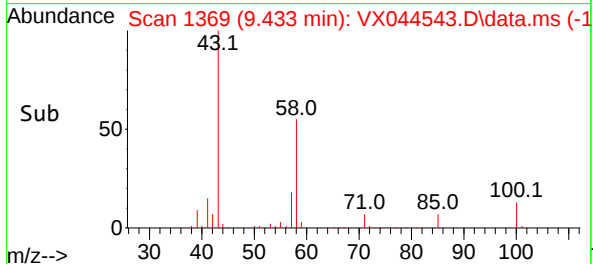
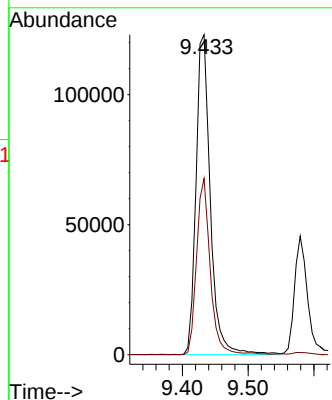
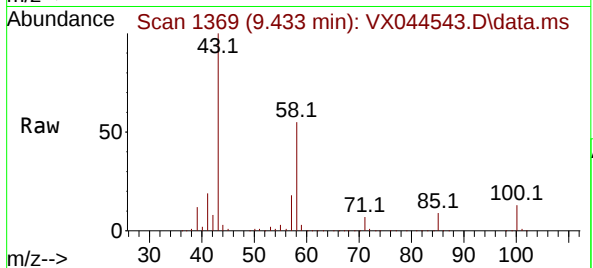
VX1231WBS01

Tgt Ion: 43 Resp: 186080

Ion Ratio Lower Upper

43 100

58 52.7 25.7 77.0



#60

Dibromochloromethane

Concen: 18.797 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044543.D

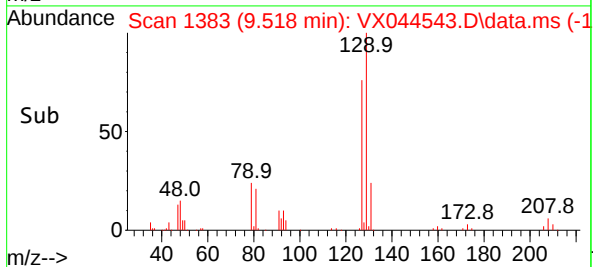
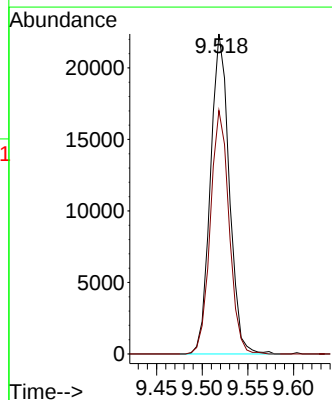
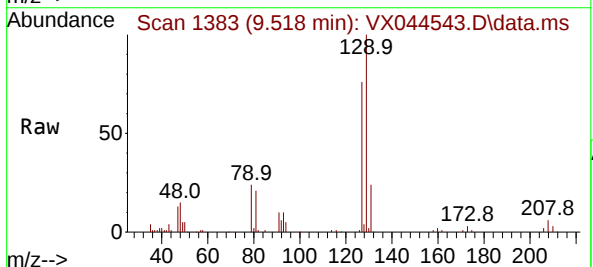
Acq: 30 Dec 2024 14:54

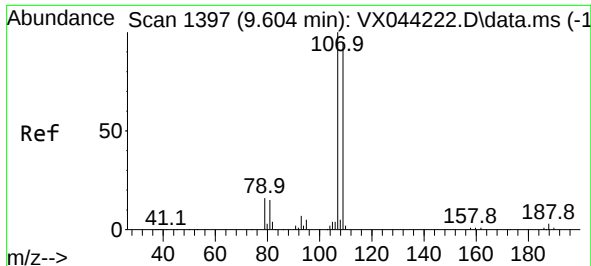
Tgt Ion: 129 Resp: 31945

Ion Ratio Lower Upper

129 100

127 75.7 38.5 115.3

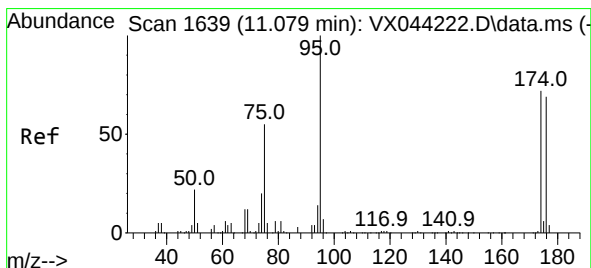
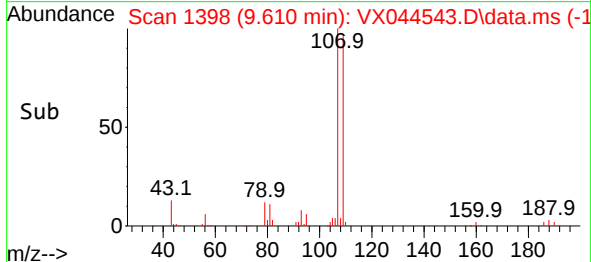
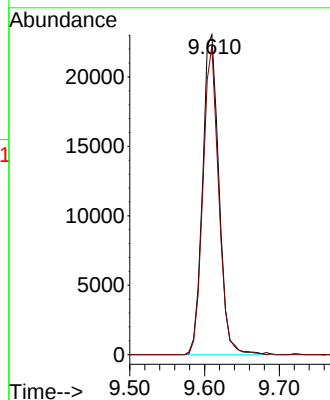
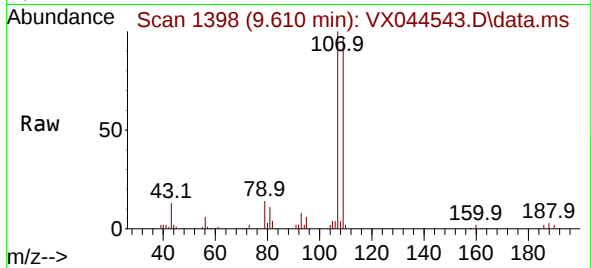




#61
1,2-Dibromoethane
Concen: 19.998 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

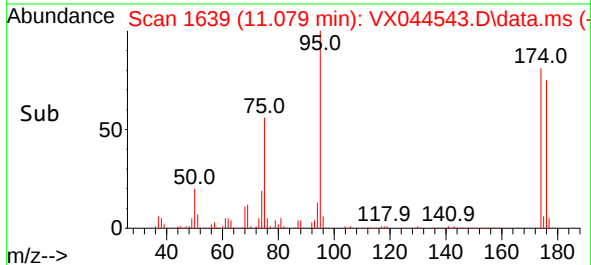
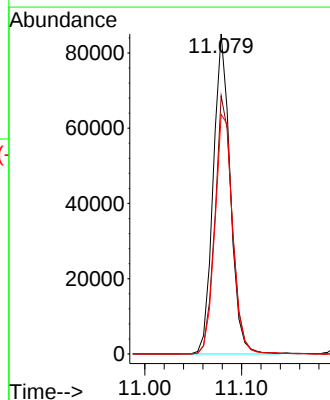
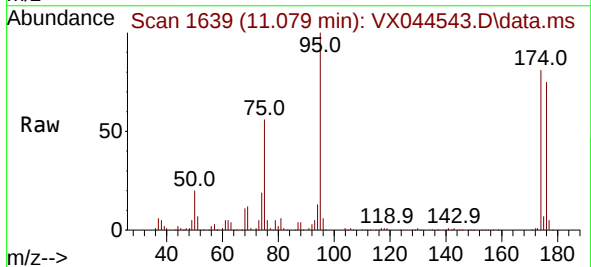
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

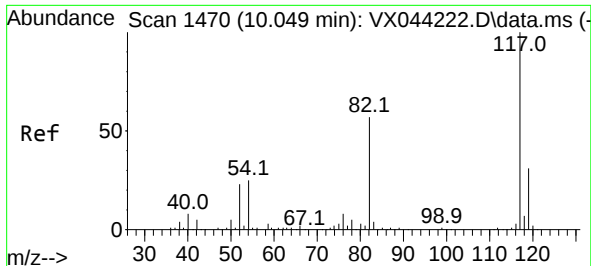
Tgt Ion:107 Resp: 35083
Ion Ratio Lower Upper
107 100
109 92.8 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 50.111 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 95 Resp: 103985
Ion Ratio Lower Upper
95 100
174 81.8 0.0 145.8
176 78.6 0.0 137.8

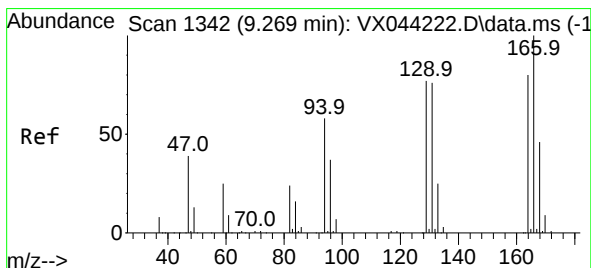
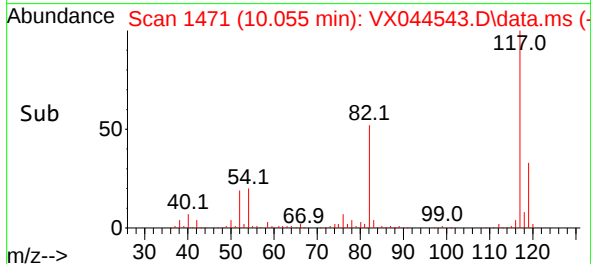
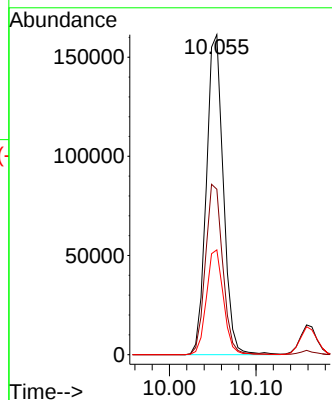
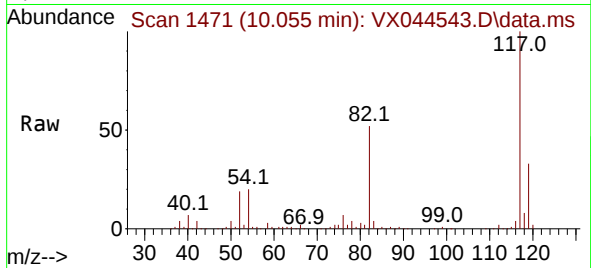




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

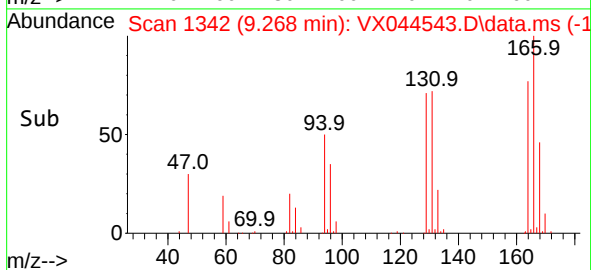
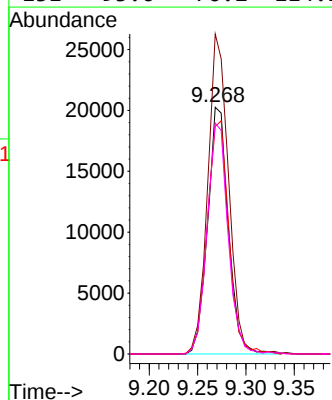
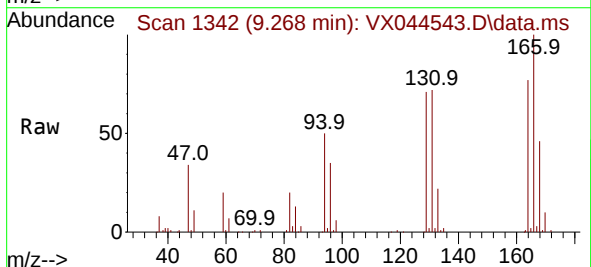
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

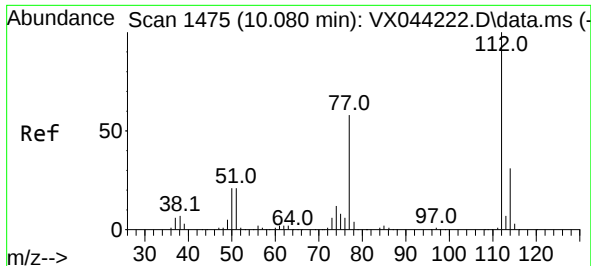
Tgt Ion:117 Resp: 219785
Ion Ratio Lower Upper
117 100
82 51.7 45.8 68.8
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 20.671 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion:164 Resp: 30154
Ion Ratio Lower Upper
164 100
166 129.7 100.4 150.6
129 92.2 77.2 115.8
131 93.6 76.2 114.2

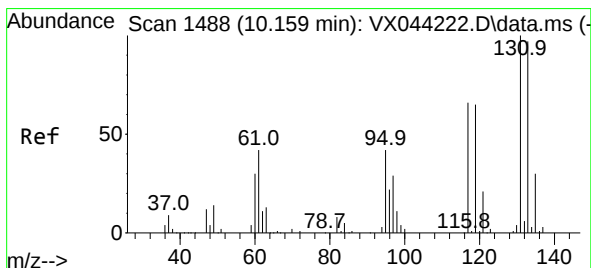
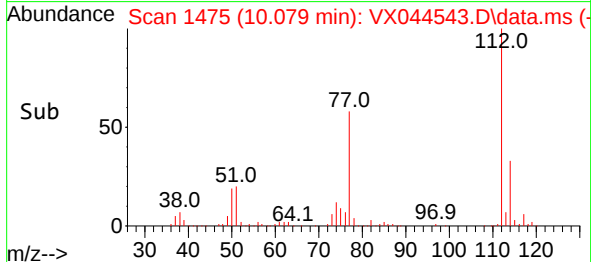
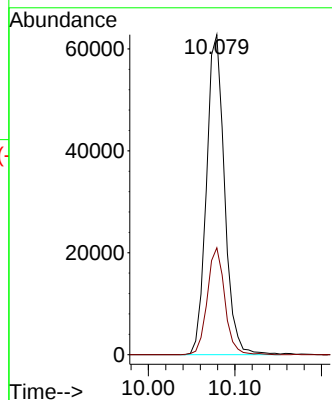
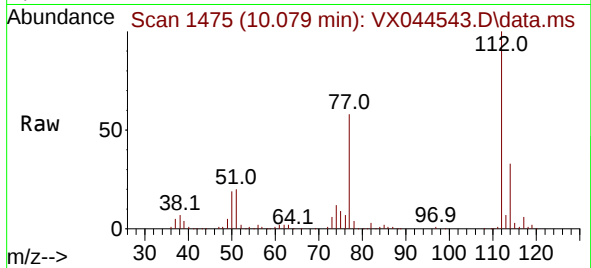




#65
Chlorobenzene
Concen: 19.326 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

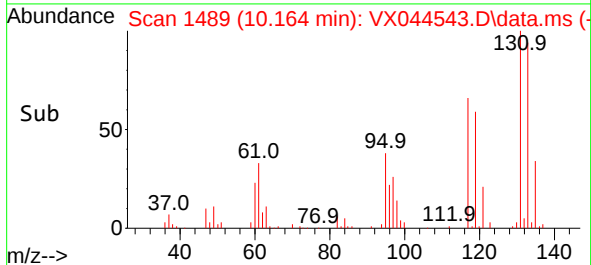
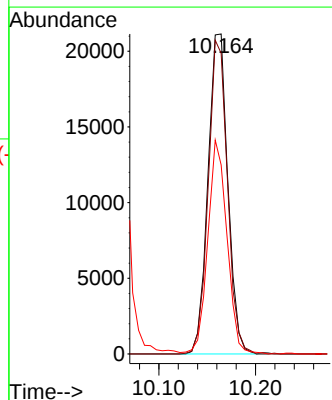
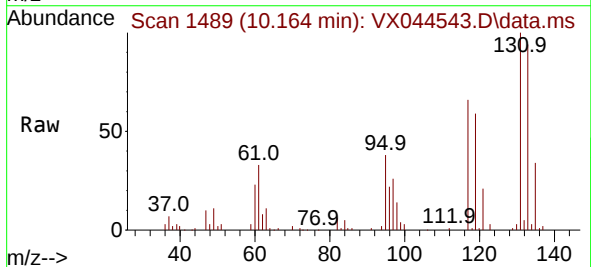
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

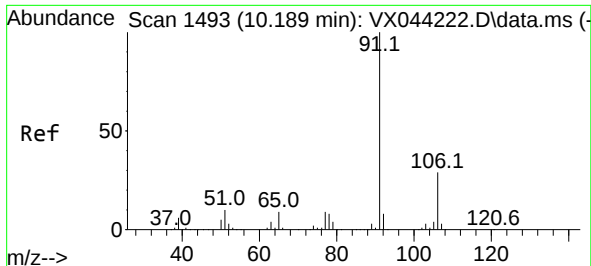
Tgt Ion:112 Resp: 91014
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.937 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion:131 Resp: 30176
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.8
119 64.3 31.6 95.0





#67

Ethyl Benzene

Concen: 18.997 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

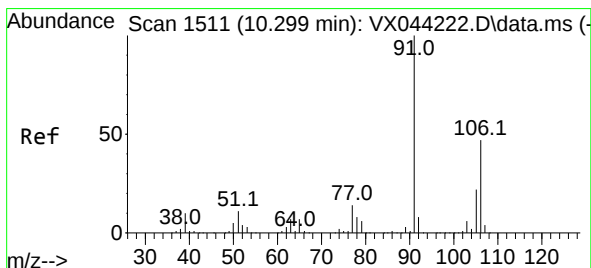
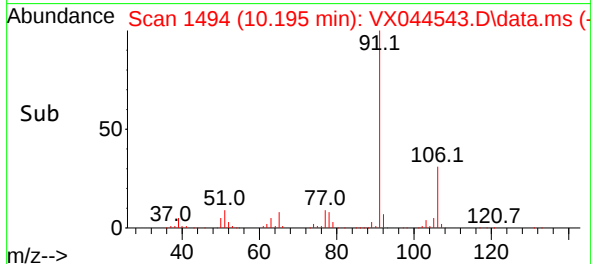
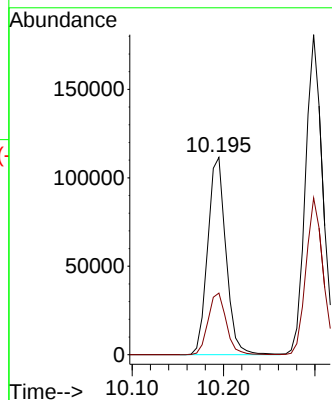
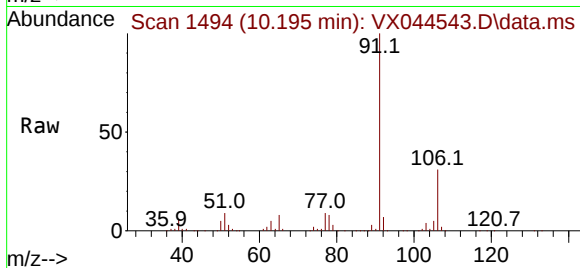
VX1231WBS01

Tgt Ion: 91 Resp: 154584

Ion Ratio Lower Upper

91 100

106 31.3 23.5 35.3



#68

m/p-Xylenes

Concen: 39.398 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044543.D

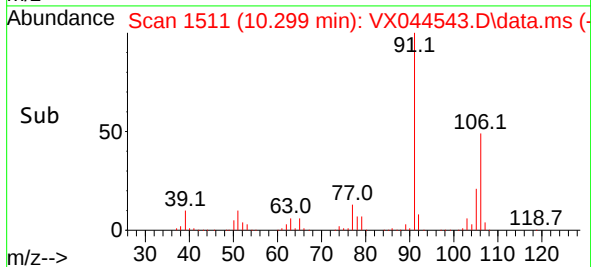
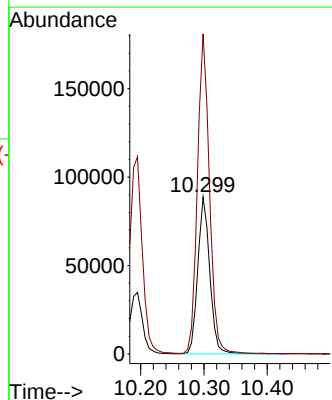
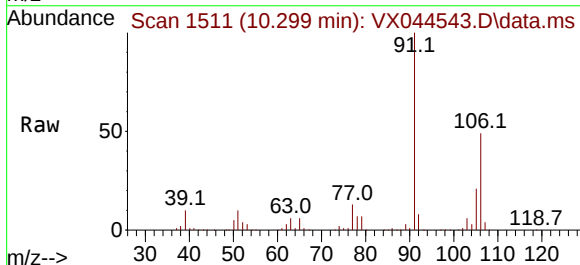
Acq: 30 Dec 2024 14:54

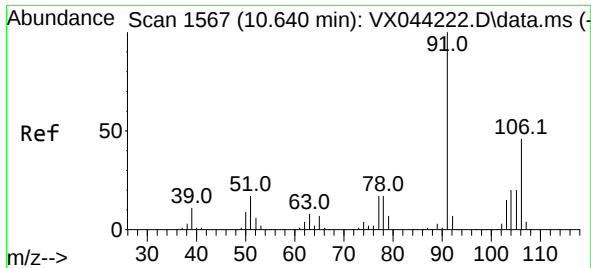
Tgt Ion: 106 Resp: 117637

Ion Ratio Lower Upper

106 100

91 204.2 170.2 255.2

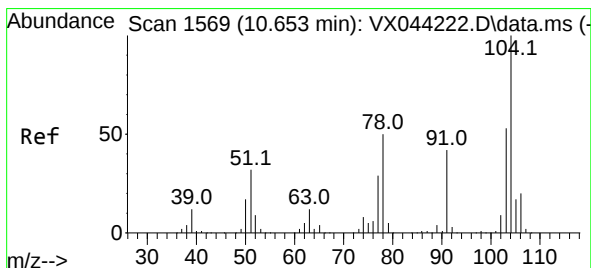
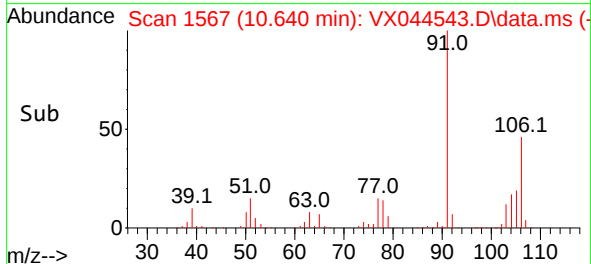
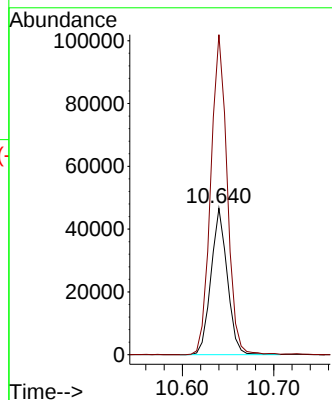
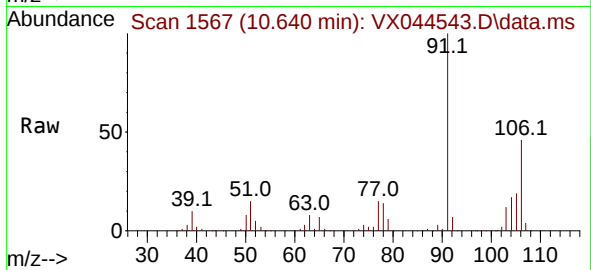




#69
o-Xylene
Concen: 19.067 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

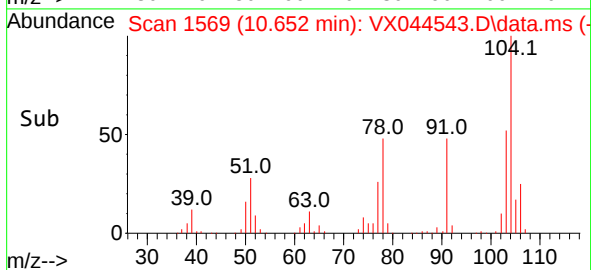
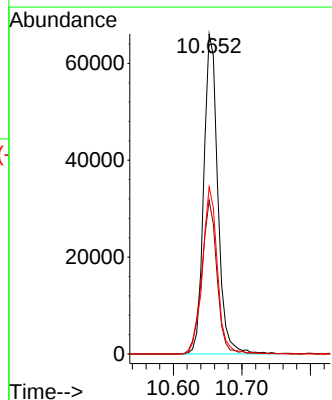
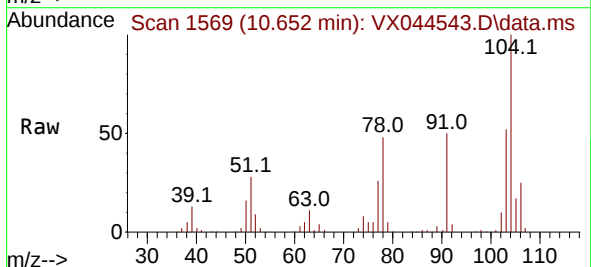
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

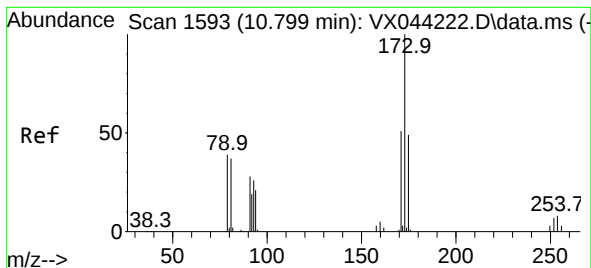
Tgt Ion:106 Resp: 57605
Ion Ratio Lower Upper
106 100
91 220.3 112.3 337.0



#70
Styrene
Concen: 19.528 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion:104 Resp: 94578
Ion Ratio Lower Upper
104 100
78 52.3 44.6 67.0
103 55.7 45.4 68.0





#71

Bromoform

Concen: 20.029 ug/l

RT: 10.798 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

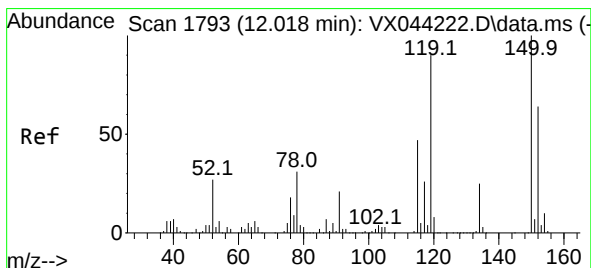
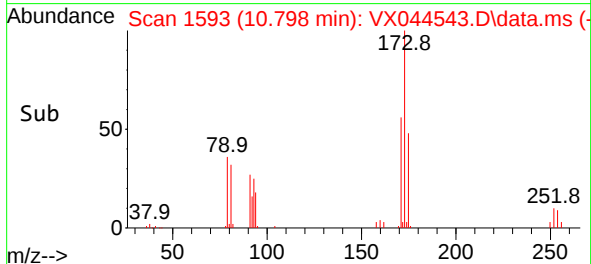
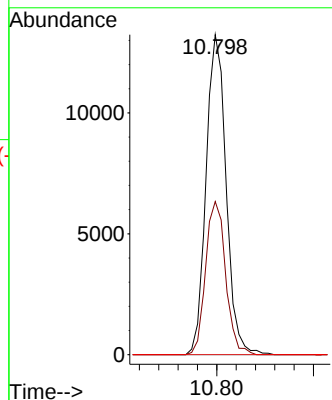
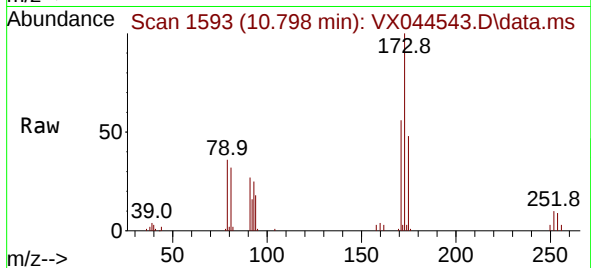
Tgt Ion:173 Resp: 19071

Ion Ratio Lower Upper

173 100

175 47.8 23.8 71.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

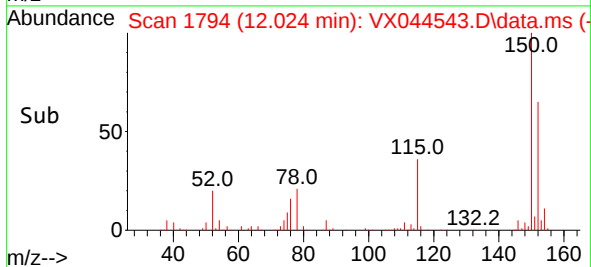
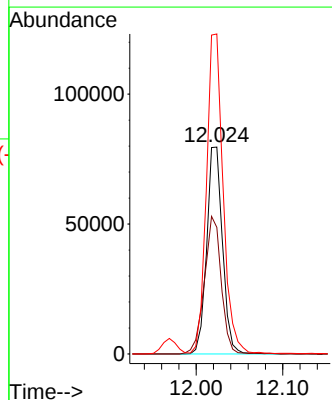
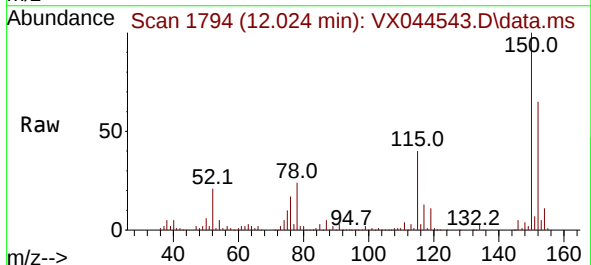
Tgt Ion:152 Resp: 100843

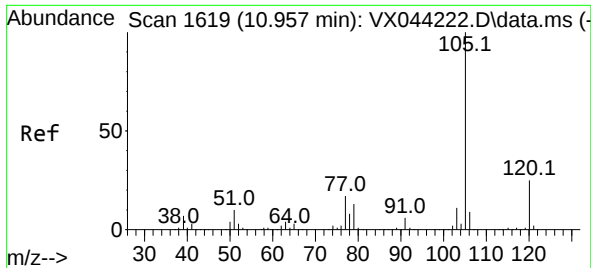
Ion Ratio Lower Upper

152 100

115 71.1 44.5 133.3

150 162.8 0.0 353.8

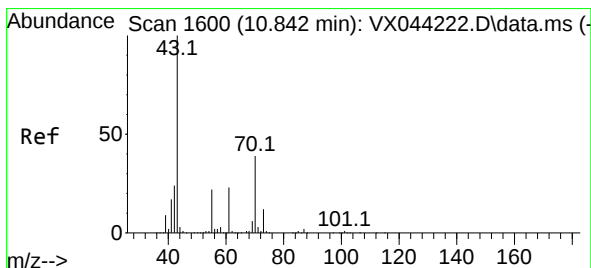
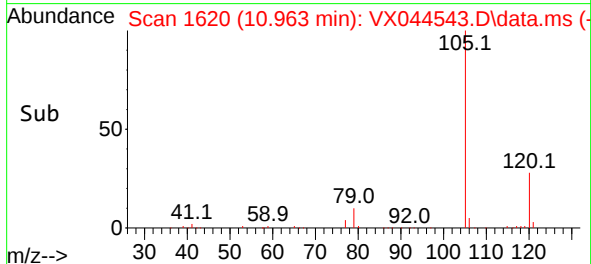
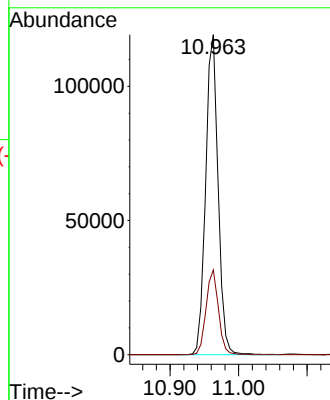
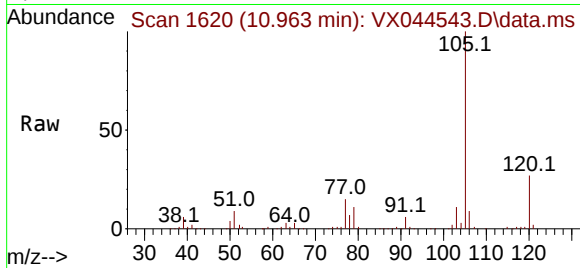




#73
Isopropylbenzene
Concen: 19.536 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

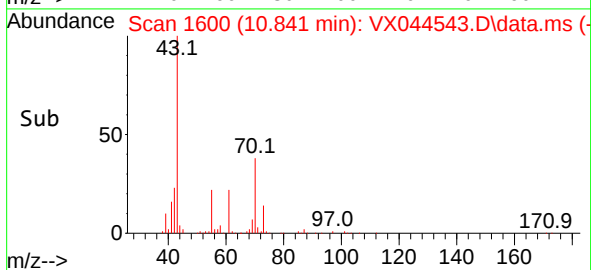
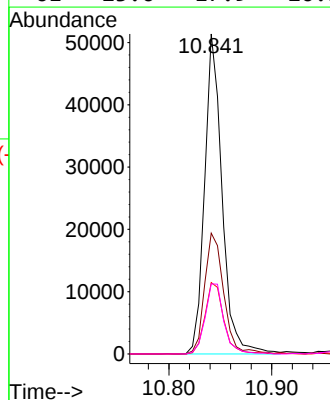
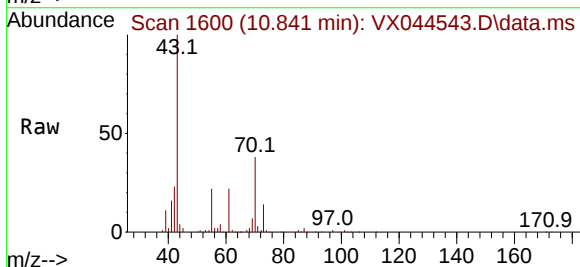
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

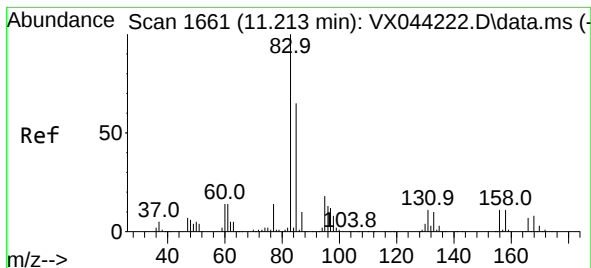
Tgt Ion:105 Resp: 150815
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 17.065 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 43 Resp: 60883
Ion Ratio Lower Upper
43 100
70 41.2 31.9 47.9
55 23.9 17.9 26.9
61 23.6 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.420 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

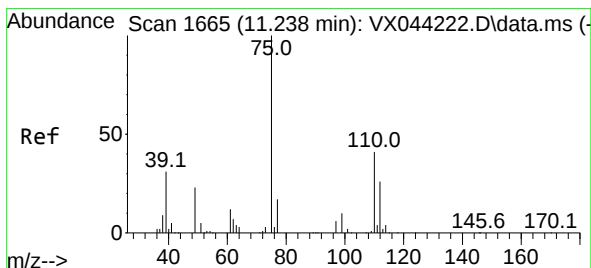
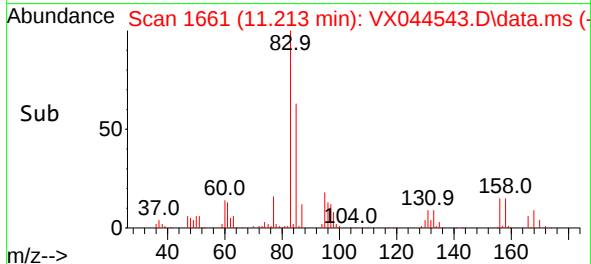
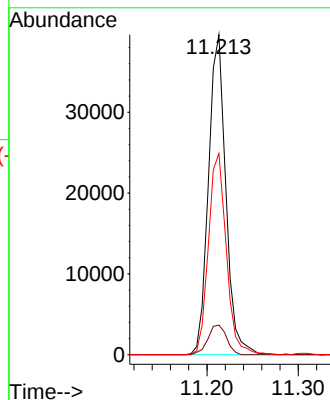
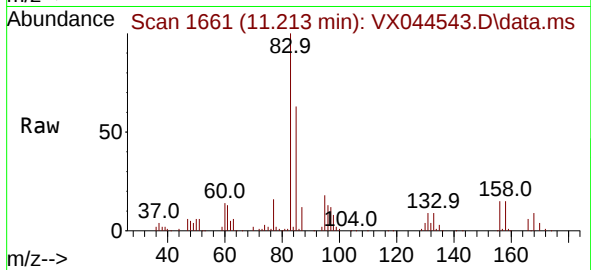
Tgt Ion: 83 Resp: 52073

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 64.8 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 23.669 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044543.D

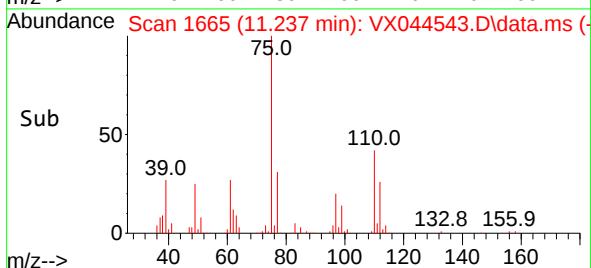
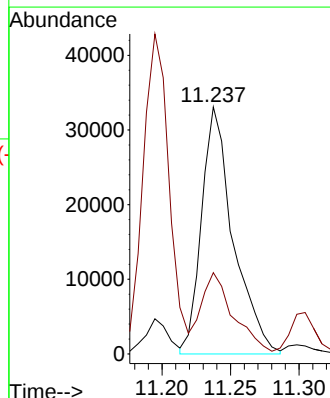
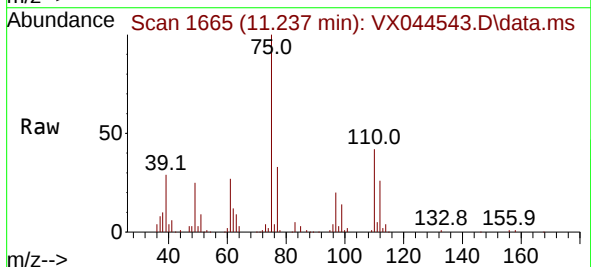
Acq: 30 Dec 2024 14:54

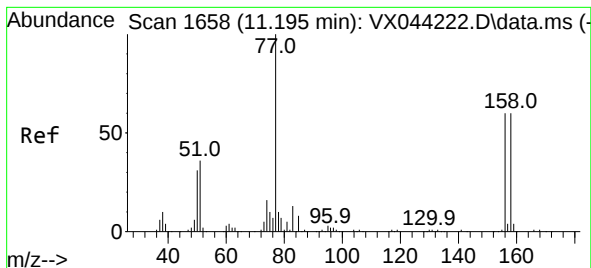
Tgt Ion: 75 Resp: 53292

Ion Ratio Lower Upper

75 100

77 33.6 20.9 62.7





#77

Bromobenzene

Concen: 20.493 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

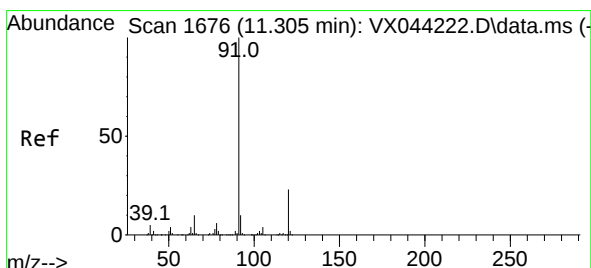
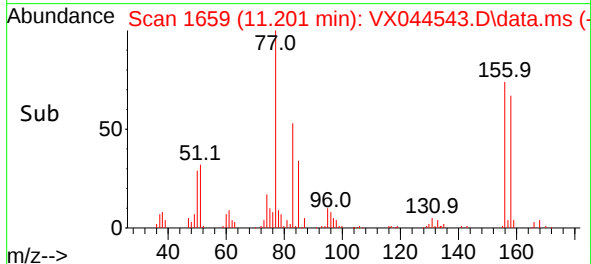
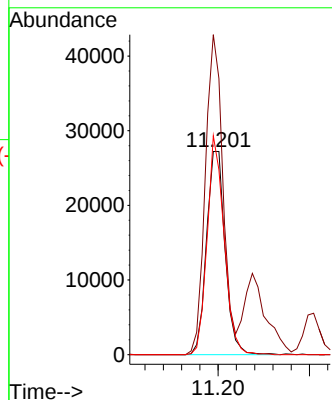
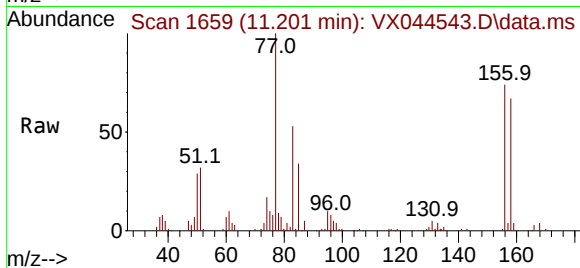
Tgt Ion:156 Resp: 38364

Ion Ratio Lower Upper

156 100

77 148.4 82.6 247.8

158 98.4 48.8 146.4



#78

n-propylbenzene

Concen: 19.181 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX044543.D

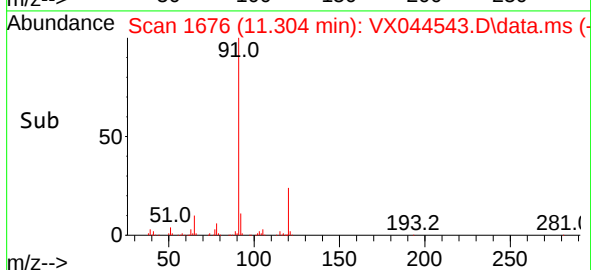
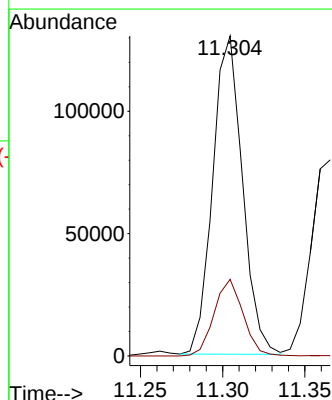
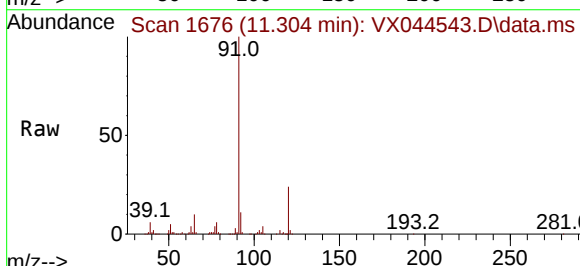
Acq: 30 Dec 2024 14:54

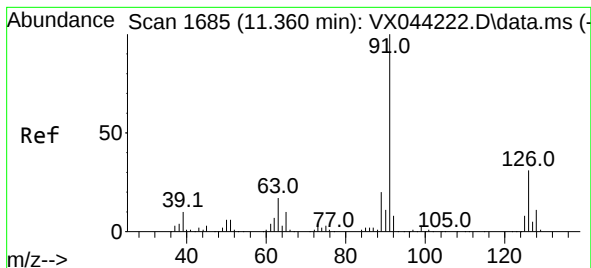
Tgt Ion: 91 Resp: 163660

Ion Ratio Lower Upper

91 100

120 23.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 18.903 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

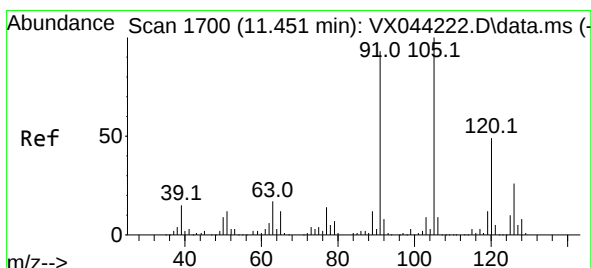
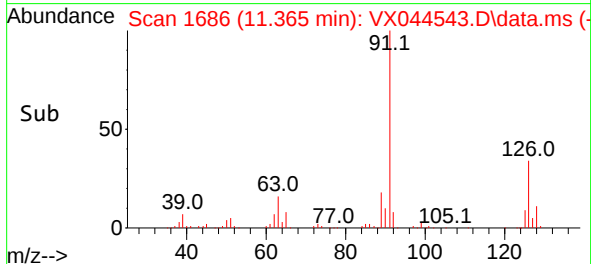
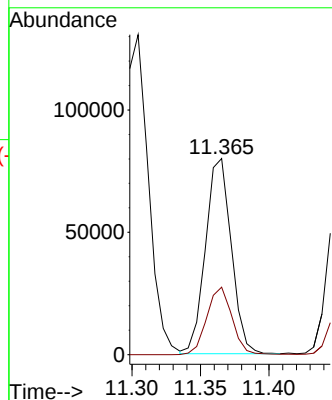
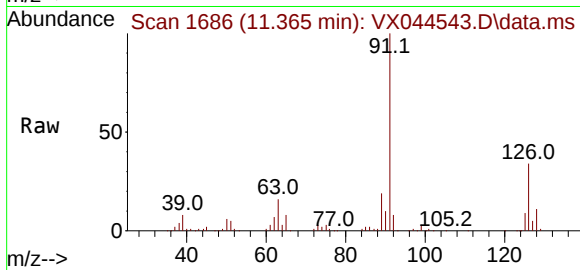
VX1231WBS01

Tgt Ion: 91 Resp: 104313

Ion Ratio Lower Upper

91 100

126 34.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 19.674 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044543.D

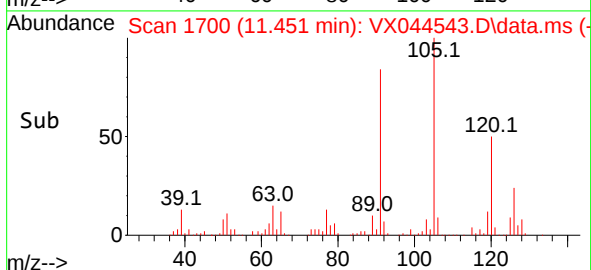
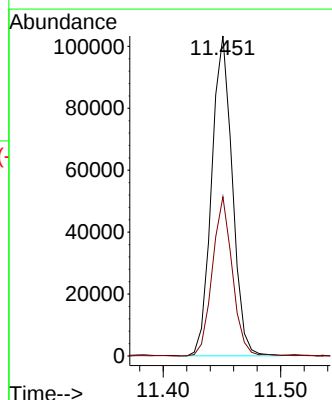
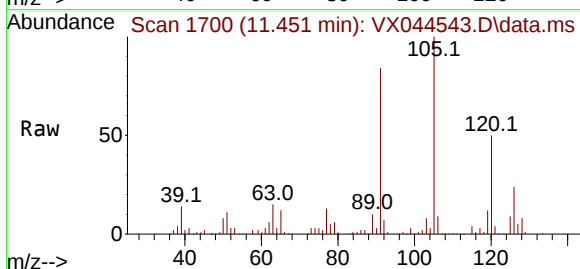
Acq: 30 Dec 2024 14:54

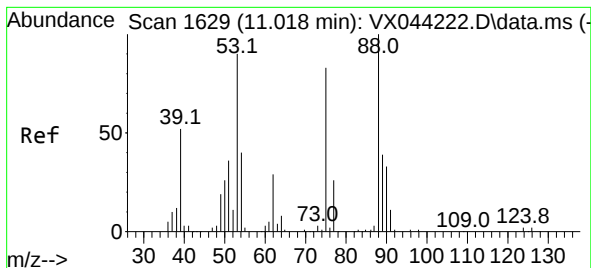
Tgt Ion: 105 Resp: 125956

Ion Ratio Lower Upper

105 100

120 48.5 23.8 71.4

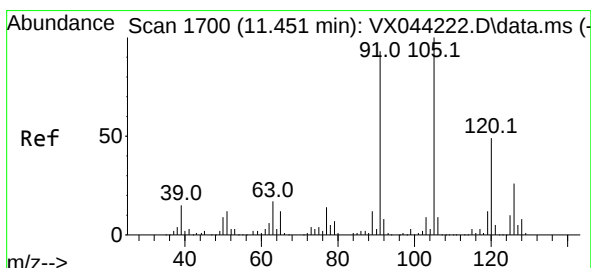
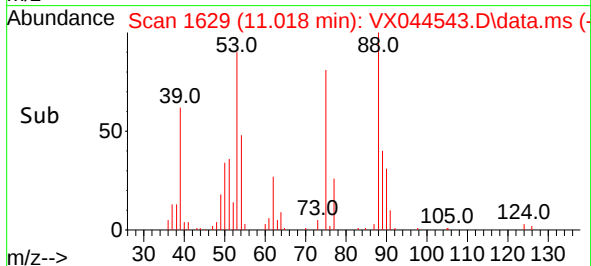
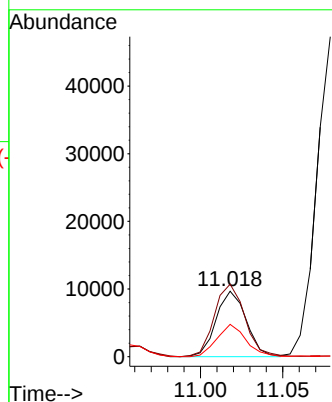
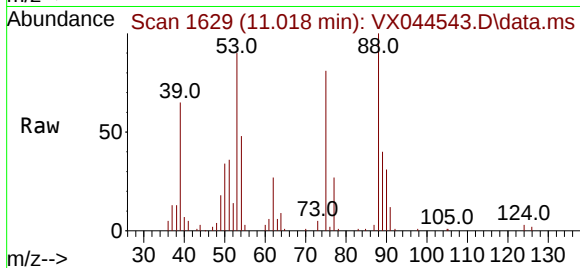




#81
trans-1,4-Dichloro-2-butene
Concen: 19.517 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

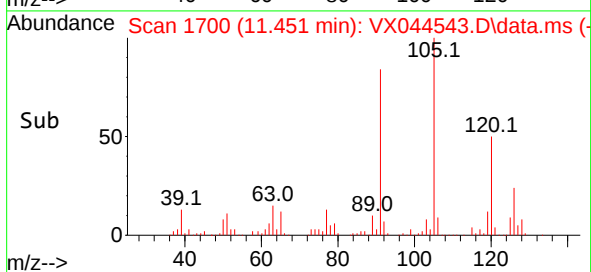
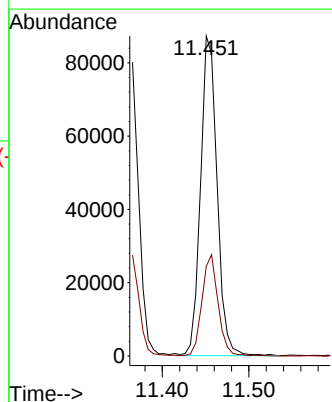
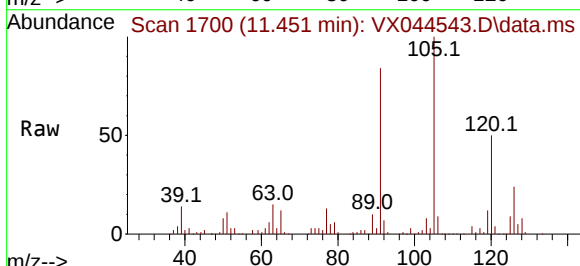
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

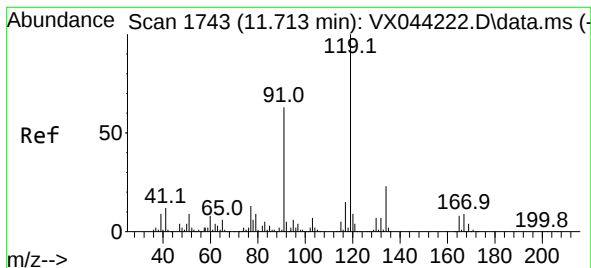
Tgt Ion: 75 Resp: 12327
Ion Ratio Lower Upper
75 100
53 112.6 93.6 140.4
89 47.7 37.3 55.9



#82
4-Chlorotoluene
Concen: 18.905 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion: 91 Resp: 115520
Ion Ratio Lower Upper
91 100
126 31.0 14.5 43.5





#83

tert-Butylbenzene

Concen: 19.605 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

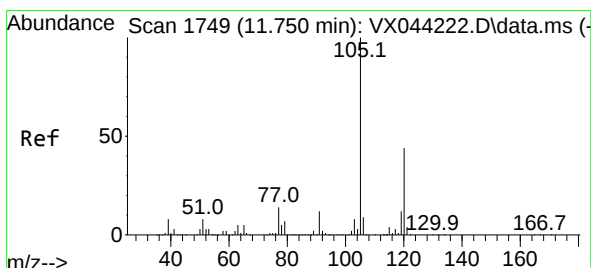
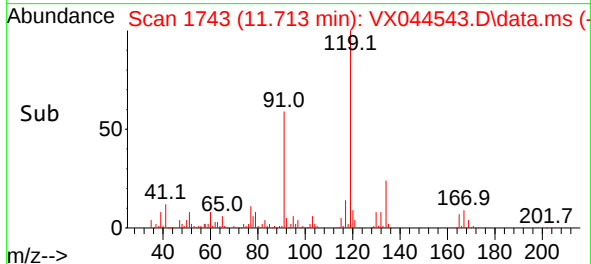
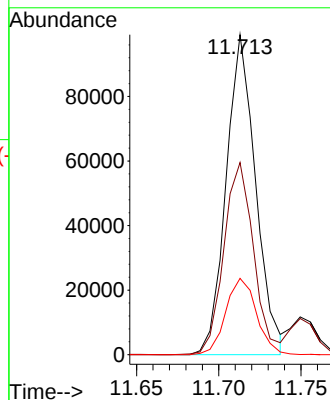
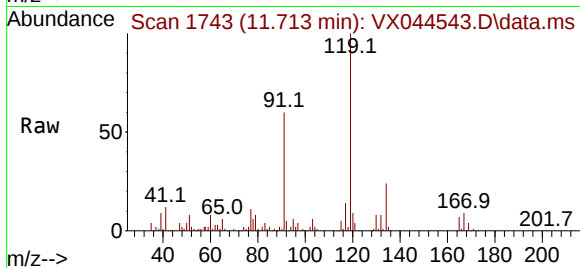
Tgt Ion:119 Resp: 124037

Ion Ratio Lower Upper

119 100

91 60.7 30.9 92.5

134 24.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.023 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044543.D

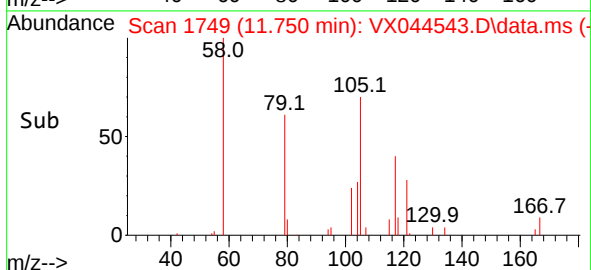
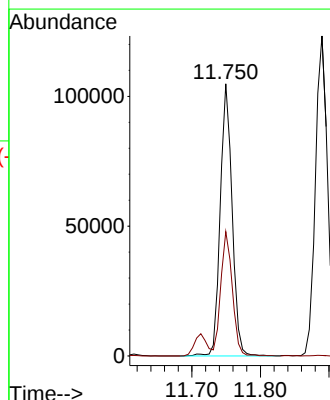
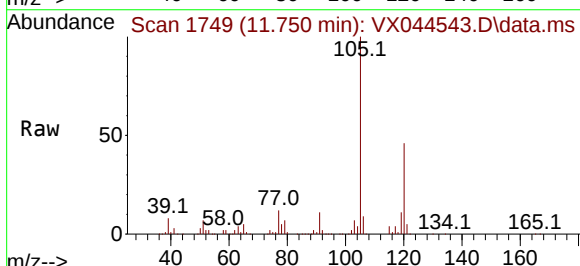
Acq: 30 Dec 2024 14:54

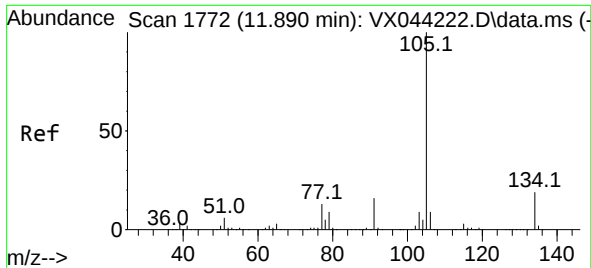
Tgt Ion:105 Resp: 125891

Ion Ratio Lower Upper

105 100

120 44.2 21.7 65.1

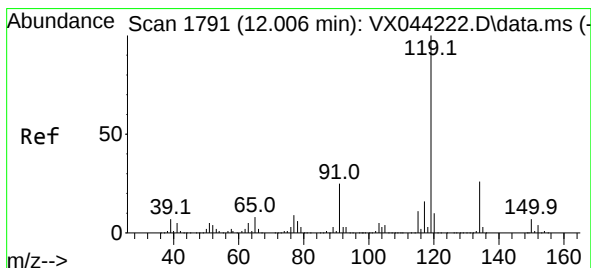
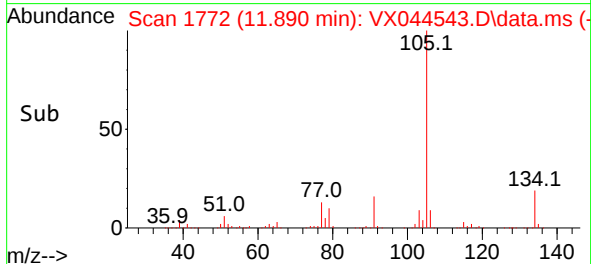
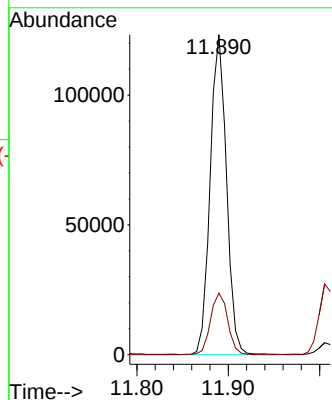
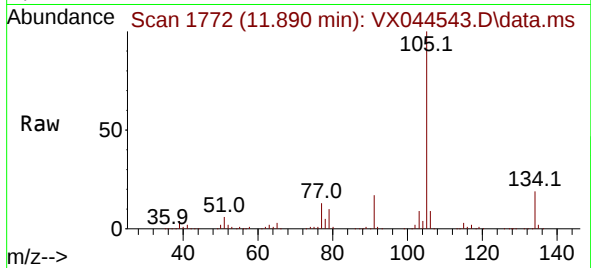




#85
sec-Butylbenzene
Concen: 19.820 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

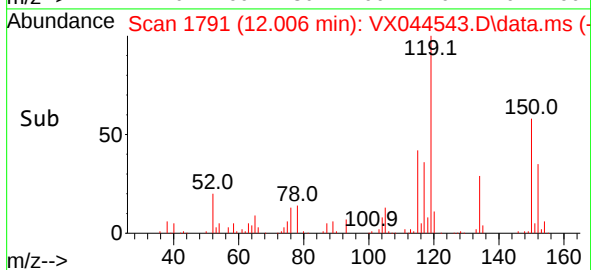
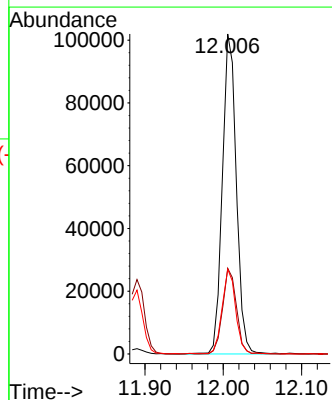
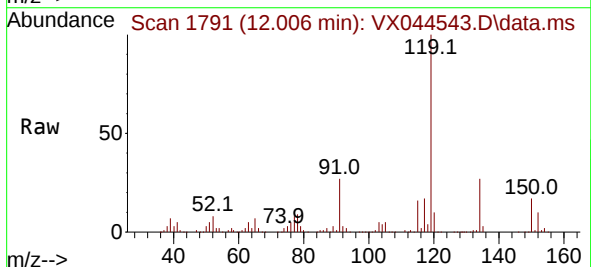
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

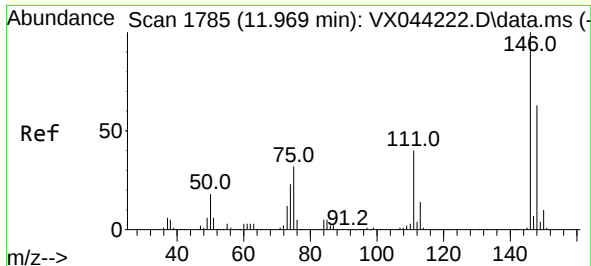
Tgt Ion:105 Resp: 152233
Ion Ratio Lower Upper
105 100
134 20.4 9.8 29.4



#86
p-Isopropyltoluene
Concen: 19.824 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044543.D
Acq: 30 Dec 2024 14:54

Tgt Ion:119 Resp: 126730
Ion Ratio Lower Upper
119 100
134 26.6 12.8 38.4
91 25.8 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 20.481 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

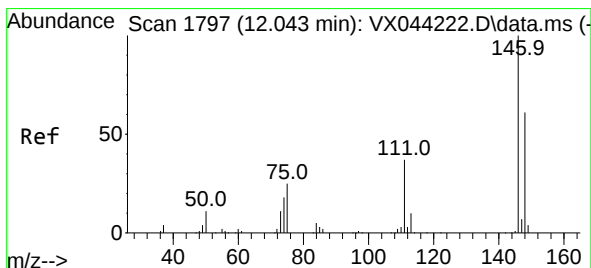
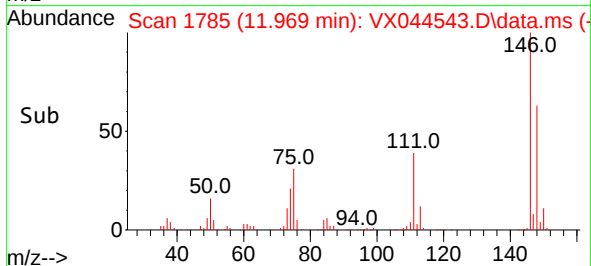
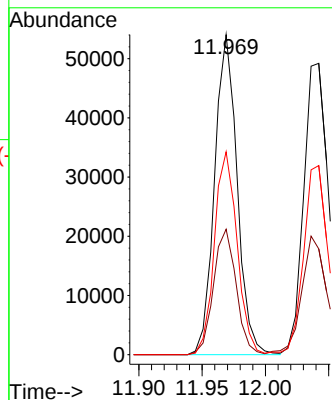
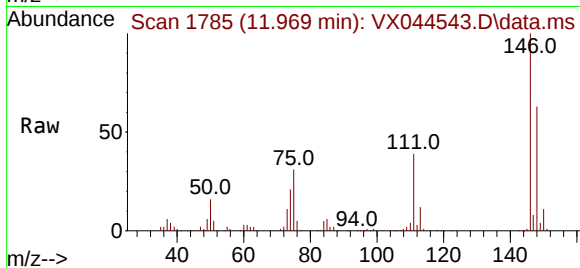
Tgt Ion:146 Resp: 66973

Ion Ratio Lower Upper

146 100

111 39.4 21.4 64.2

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.967 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

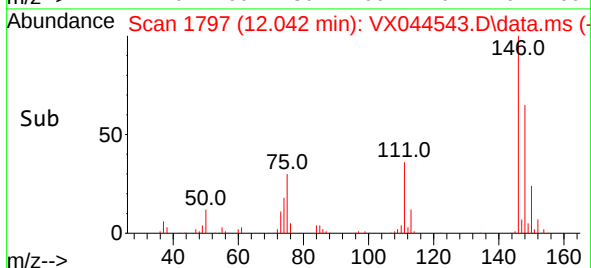
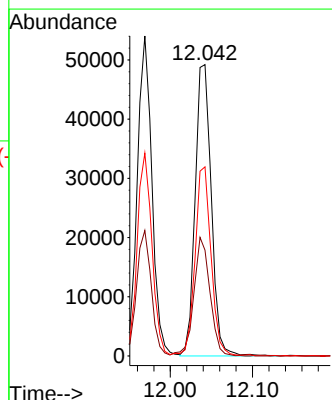
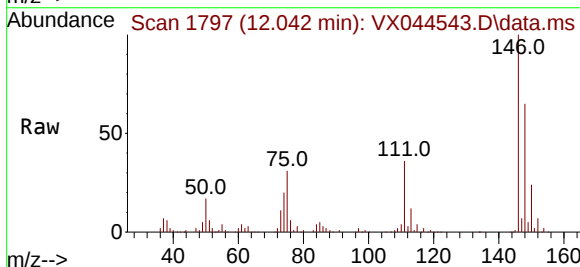
Tgt Ion:146 Resp: 67120

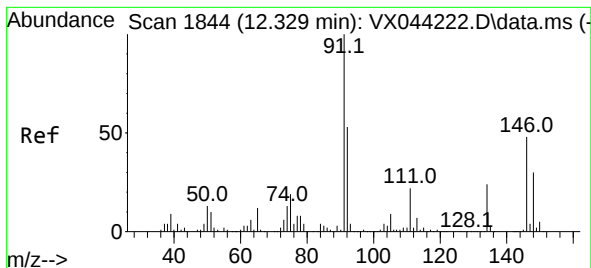
Ion Ratio Lower Upper

146 100

111 40.7 21.0 63.0

148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 19.065 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

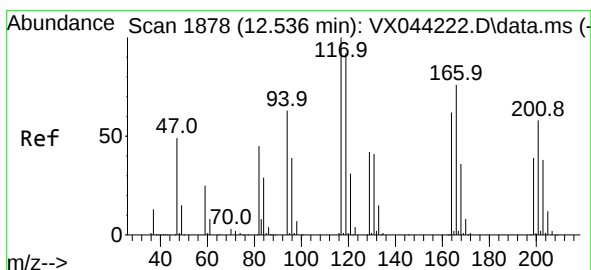
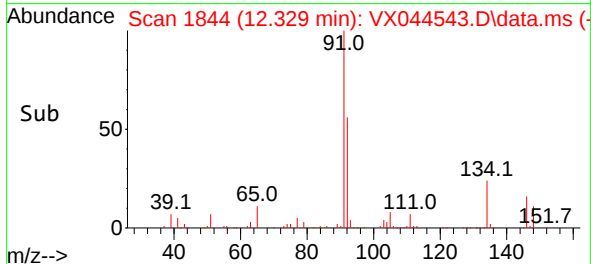
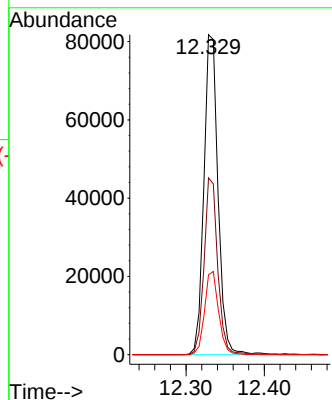
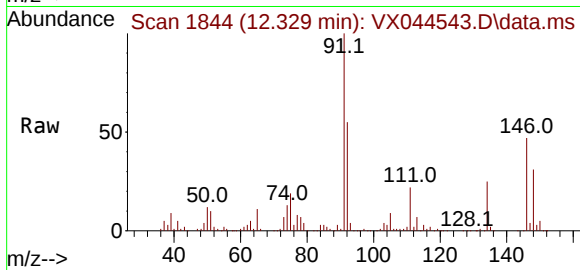
Tgt Ion: 91 Resp: 102486

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 25.7 12.6 37.8



#90

Hexachloroethane

Concen: 18.544 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044543.D

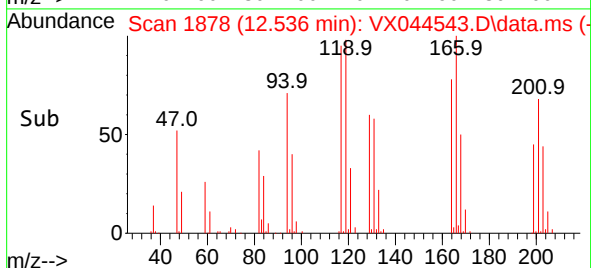
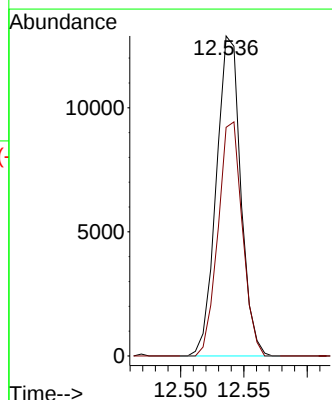
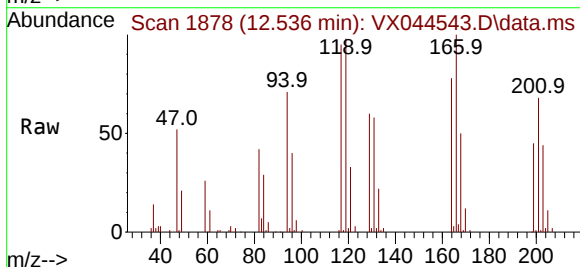
Acq: 30 Dec 2024 14:54

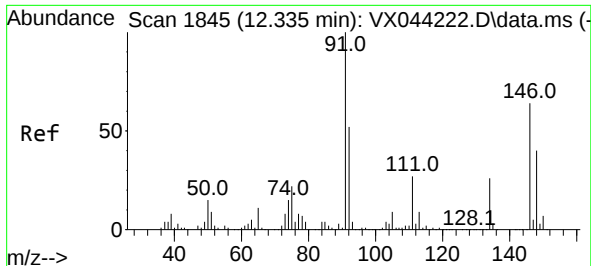
Tgt Ion: 117 Resp: 17305

Ion Ratio Lower Upper

117 100

201 72.7 31.4 94.2

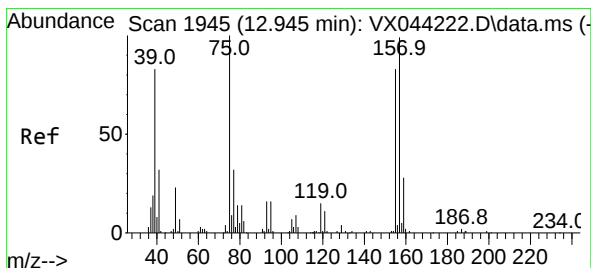
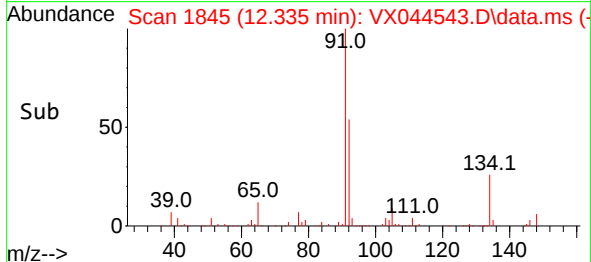
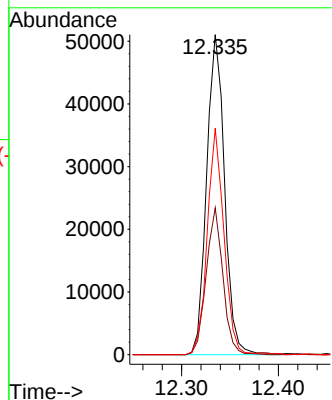
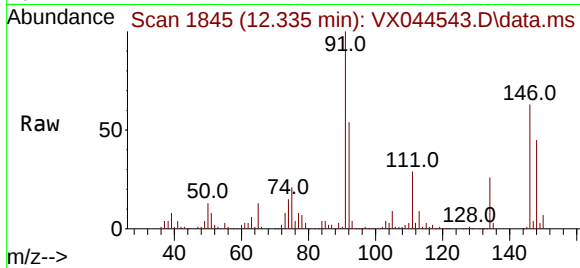




#91
 1,2-Dichlorobenzene
 Concen: 19.354 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX044543.D
 Acq: 30 Dec 2024 14:54

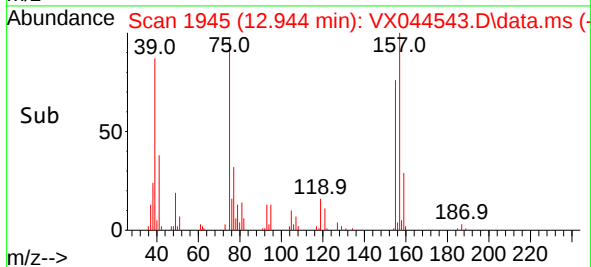
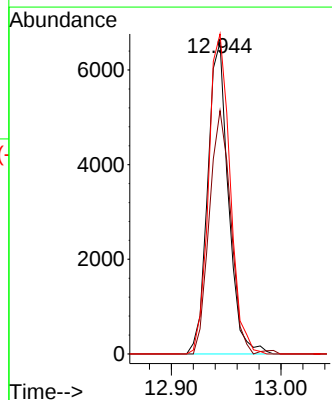
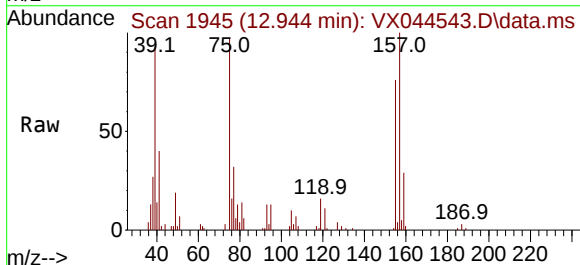
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

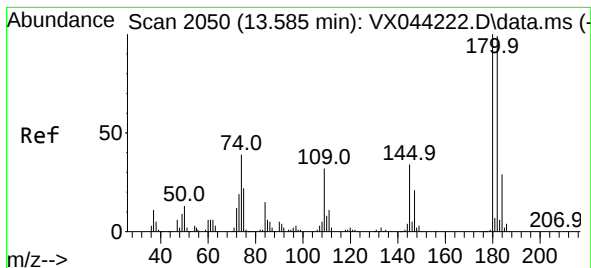
Tgt Ion:146 Resp: 65715
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.4 64.3
 148 66.2 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.555 ug/l
 RT: 12.944 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX044543.D
 Acq: 30 Dec 2024 14:54

Tgt Ion: 75 Resp: 8617
 Ion Ratio Lower Upper
 75 100
 155 80.8 38.1 114.3
 157 107.0 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 20.671 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

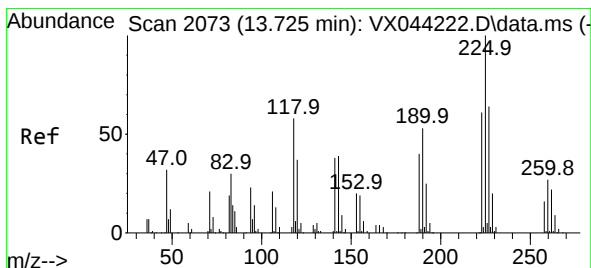
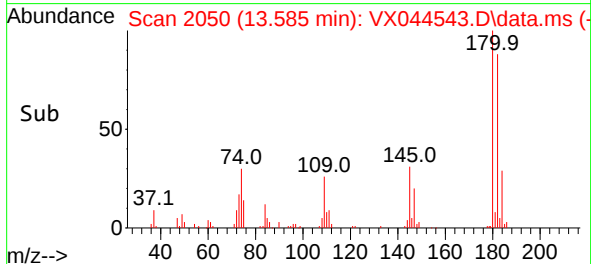
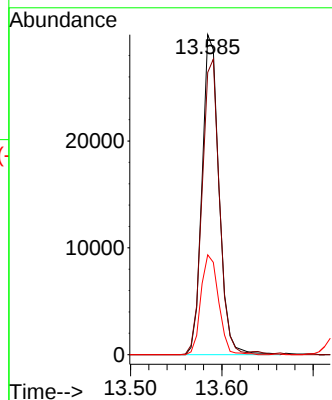
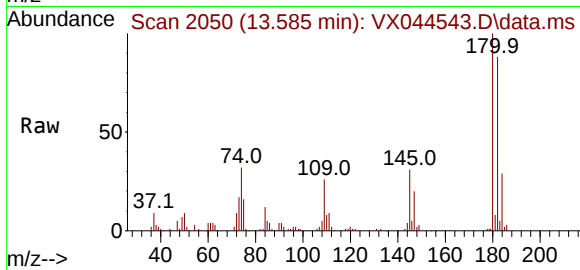
Tgt Ion:180 Resp: 38478

Ion Ratio Lower Upper

180 100

182 94.1 48.0 144.2

145 32.5 16.6 49.7



#94

Hexachlorobutadiene

Concen: 21.939 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

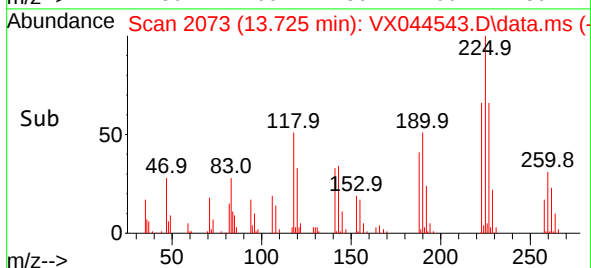
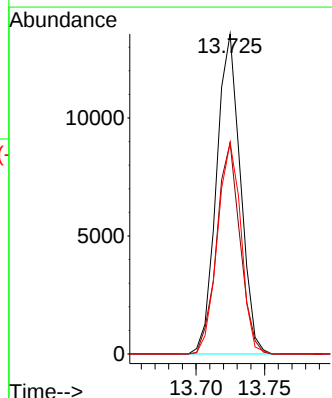
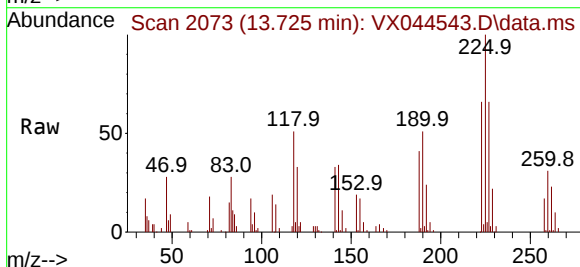
Tgt Ion:225 Resp: 16427

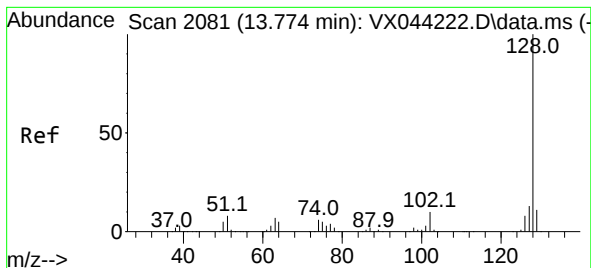
Ion Ratio Lower Upper

225 100

223 64.4 30.8 92.4

227 64.9 32.1 96.3





#95

Naphthalene

Concen: 18.521 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

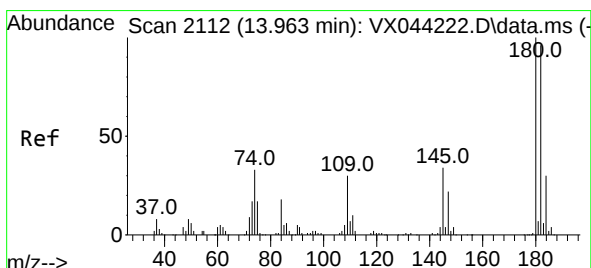
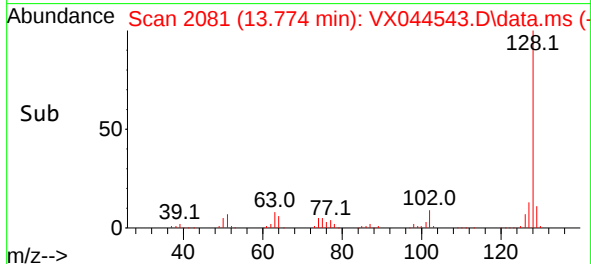
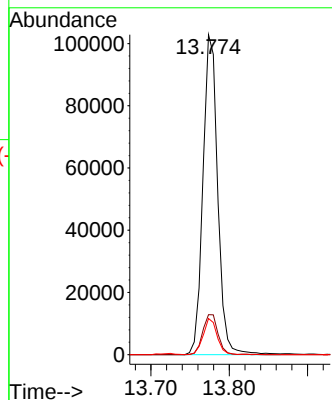
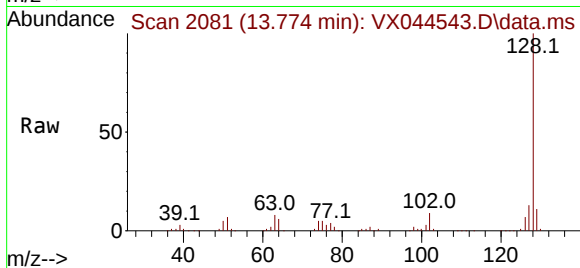
Tgt Ion:128 Resp: 134577

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.557 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044543.D

Acq: 30 Dec 2024 14:54

Tgt Ion:180 Resp: 40587

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

145 34.2 17.7 53.1

