

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072624\
 Data File : VX042556.D
 Acq On : 25 Jul 2024 10:16
 Operator : JC/MD
 Sample : VX0726WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 26 01:32:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	21498	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	119965	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	111123	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46326	30.083	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.267%
60) 4-Bromofluorobenzene	11.079	95	51215	29.622	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.733%
63) Toluene-d8	8.647	98	145656	30.174	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.567%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26574	20.622	ug/l	100
3) Chloromethane	1.301	50	22650	16.810	ug/l	99
4) Vinyl Chloride	1.374	62	20992	15.682	ug/l	99
5) Bromomethane	1.599	94	12721	18.931	ug/l	98
6) Chloroethane	1.666	64	11268	19.532	ug/l	96
7) Trichlorofluoromethane	1.874	101	31920	19.059	ug/l	98
8) Diethyl Ether	2.136	74	12805	18.231	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	25667	19.678	ug/l	99
10) 1,1-Dichloroethene	2.306	96	22678	18.092	ug/l	99
11) Methyl Iodide	2.447	142	25379	17.908	ug/l	98
12) Methyl Acetate	2.709	43	43904	21.311	ug/l	95
13) Acrolein	2.239	56	14880	57.497	ug/l	94
14) Acrylonitrile	3.069	53	73206	94.624	ug/l	97
15) Acetone	2.386	58	21230	92.255	ug/l	99
16) Carbon Disulfide	2.502	76	40879	16.498	ug/l	100
17) Allyl chloride	2.660	41	36926	18.515	ug/l	94
18) Methylene Chloride	2.788	84	26876	18.774	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	24254	19.156	ug/l	92
20) Diisopropyl ether	3.764	45	77654	18.477	ug/l	96
21) 1,1-Dichloroethane	3.605	63	45496	19.070	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	30561	19.275	ug/l	99
23) tert-Butyl Alcohol	2.989	59	29738	100.862	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	81689	19.525	ug/l	99
25) Chloroform	5.086	83	48542	19.686	ug/l	98
26) Cyclohexane	5.464	56	35182	17.806	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	29658	18.959	ug/l	98
30) 2-Butanone	4.562	43	103397	98.999	ug/l	99
31) 2,2-Dichloropropane	4.465	77	37212	20.692	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	41388	20.483	ug/l	99
33) Carbon Tetrachloride	5.672	117	36218	20.525	ug/l	99
34) Benzene	6.031	78	100403	19.547	ug/l	100
35) Methacrylonitrile	4.928	41	19967	19.373	ug/l	98
36) 1,2-Dichloroethane	6.086	62	33371	20.031	ug/l	99
37) Trichloroethene	7.129	130	28505	20.636	ug/l	91
38) Methylcyclohexane	7.379	83	38352	19.066	ug/l	99
39) 1,2-Dichloropropane	7.428	63	24666	19.535	ug/l	97
40) Dibromomethane	7.580	93	18064	19.820	ug/l	97
41) Bromodichloromethane	7.824	83	34329	20.082	ug/l	94
42) Vinyl Acetate	3.721	43	319408	94.525	ug/l	99

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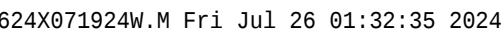
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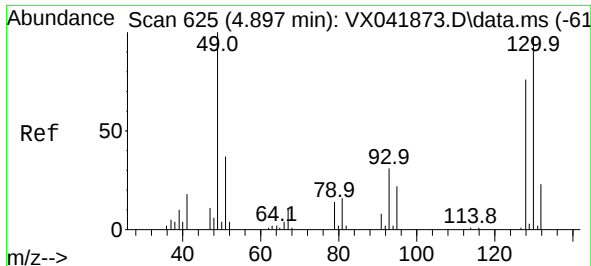
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	35624	19.219	ug/l	99
44) Isopropyl Acetate	6.342	43	55603	19.096	ug/l	98
45) 1,4-Dioxane	7.665	88	12786	391.960	ug/l #	88
46) Methyl methacrylate	7.696	41	26882	18.944	ug/l	98
47) n-amyl Acetate	10.842	43	46460	17.958	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	32577	19.116	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	37794	19.731	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	27126	20.295	ug/l	98
51) Ethyl methacrylate	9.116	69	39455	18.876	ug/l	99
52) 1,3-Dichloropropane	9.305	76	43656	20.107	ug/l	98
53) Dibromochloromethane	9.519	129	29534	20.107	ug/l	98
54) 1,2-Dibromoethane	9.610	107	28399	20.430	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	86080	84.965	ug/l	99
56) Bromoform	10.799	173	23181	19.584	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	191804	97.938	ug/l	99
59) 2-Hexanone	9.433	43	150435	98.072	ug/l	99
61) Tetrachloroethene	9.269	164	29354	21.775	ug/l	95
62) Toluene	8.714	91	110316	19.857	ug/l	100
64) Chlorobenzene	10.079	112	76394	20.377	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	27222	20.178	ug/l	100
66) Ethyl Benzene	10.195	91	120508	19.904	ug/l	98
67) m/p-Xylenes	10.299	106	96783	39.984	ug/l	100
68) o-Xylene	10.640	106	47772	19.831	ug/l	100
69) Styrene	10.653	104	80335	19.828	ug/l	98
70) Isopropylbenzene	10.963	105	125778	20.479	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	42208	19.970	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	45096	26.872	ug/l	90
73) Bromobenzene	11.195	156	36078	20.554	ug/l	97
74) n-propylbenzene	11.305	91	136656	20.140	ug/l	100
75) 2-Chlorotoluene	11.366	91	86384	20.244	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	105827	20.624	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	11191	18.182	ug/l	94
78) 4-Chlorotoluene	11.451	91	95443	20.079	ug/l	100
79) tert-butylbenzene	11.713	119	112155	20.475	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	105298	20.394	ug/l	97
81) sec-Butylbenzene	11.890	105	132087	20.407	ug/l	99
82) p-Isopropyltoluene	12.006	119	113505	20.237	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	63606	20.174	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	63381	20.239	ug/l	100
85) n-Butylbenzene	12.329	91	85612	19.435	ug/l	99
86) Hexachloroethane	12.536	117	18123	19.002	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	64039	20.096	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8407	19.416	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	42485	19.693	ug/l	99
90) Hexachlorobutadiene	13.725	225	22871	21.362	ug/l	99
91) Naphthalene	13.774	128	125771	19.550	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	45064	20.279	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

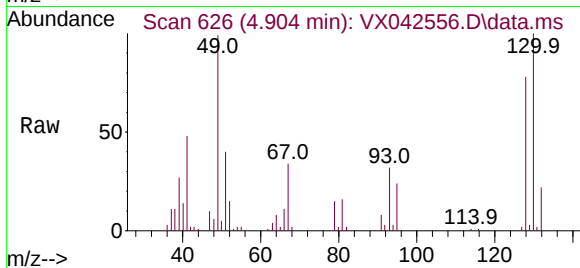
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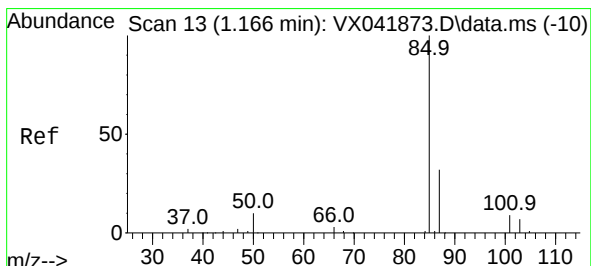
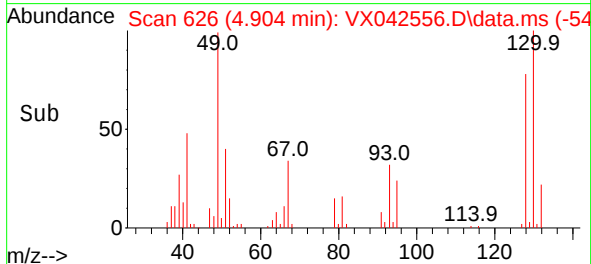
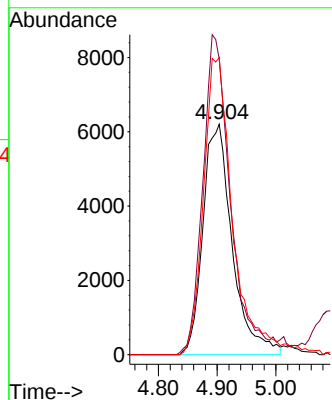


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :

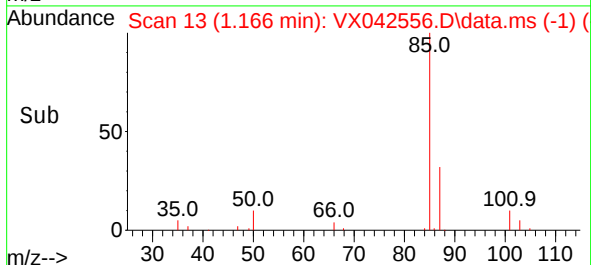
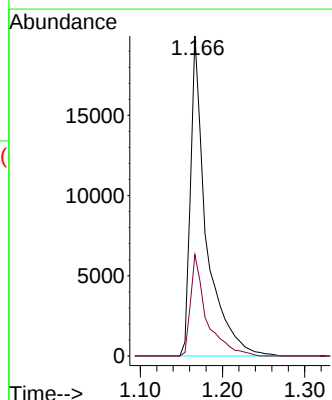
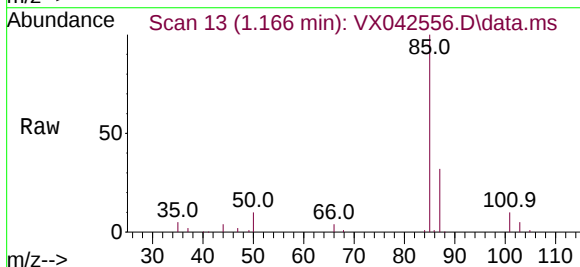


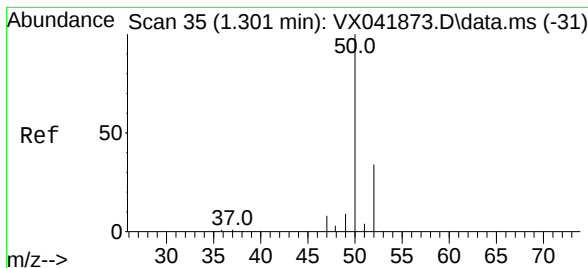
Tgt Ion:128 Resp: 21498
Ion Ratio Lower Upper
128 100
49 130.2 0.0 338.5
130 127.1 0.0 324.5



#2
Dichlorodifluoromethane
Concen: 20.622 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 85 Resp: 26574
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.3





#3

Chloromethane

Concen: 16.810 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

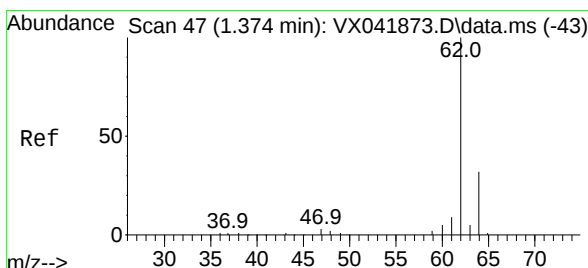
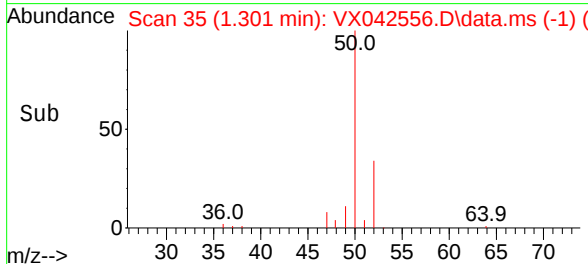
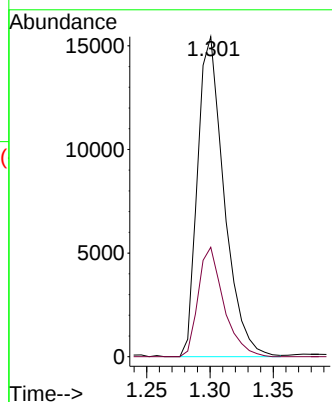
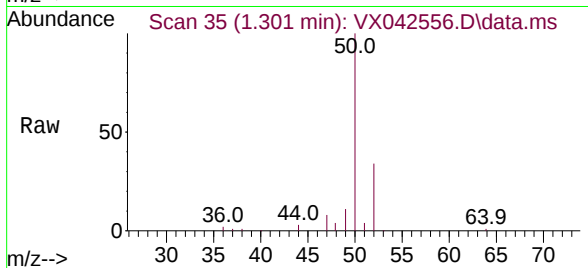
ClientSampleId :

Tgt Ion: 50 Resp: 22650

Ion Ratio Lower Upper

50 100

52 34.2 26.9 40.3



#4

Vinyl Chloride

Concen: 15.682 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX042556.D

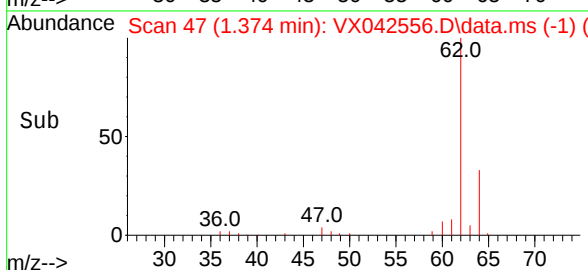
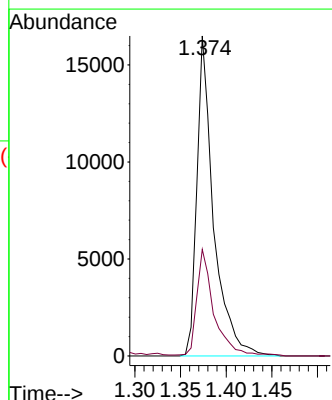
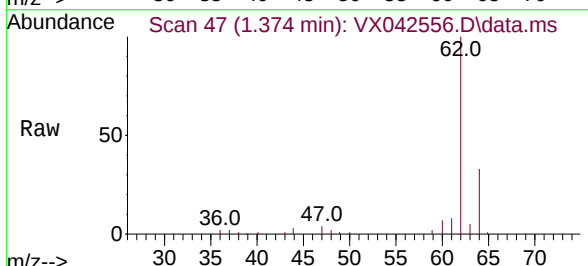
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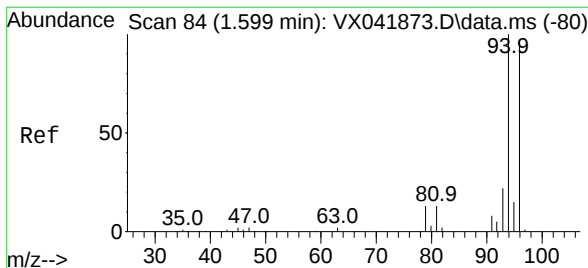
Tgt Ion: 62 Resp: 20992

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1





#5

Bromomethane

Concen: 18.931 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

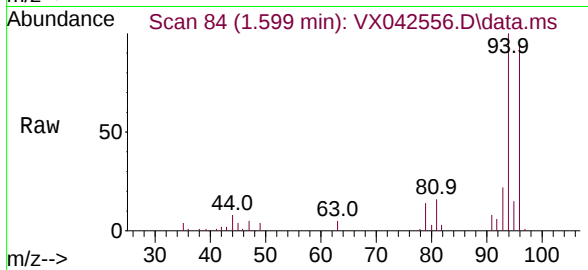
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Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

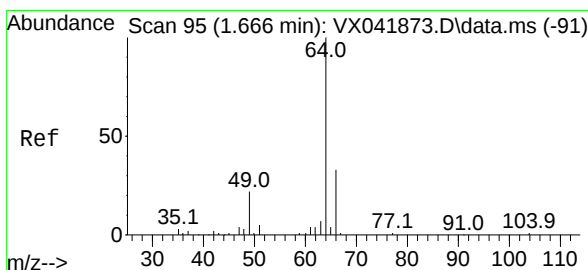
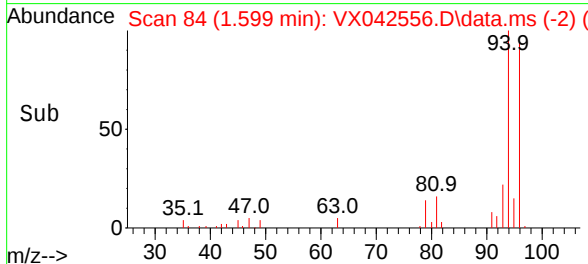
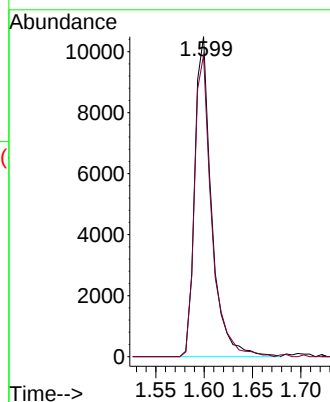


Tgt Ion: 94 Resp: 12721

Ion Ratio Lower Upper

94 100

96 94.2 76.6 115.0



#6

Chloroethane

Concen: 19.532 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX042556.D

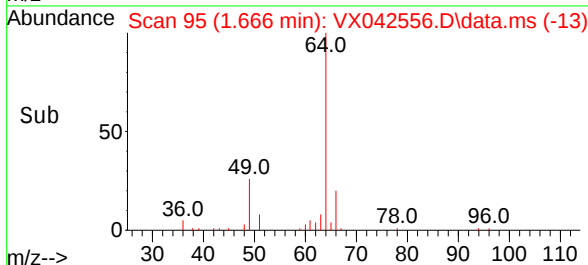
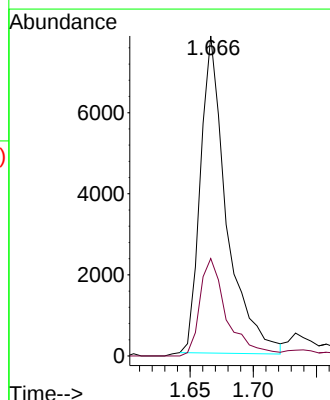
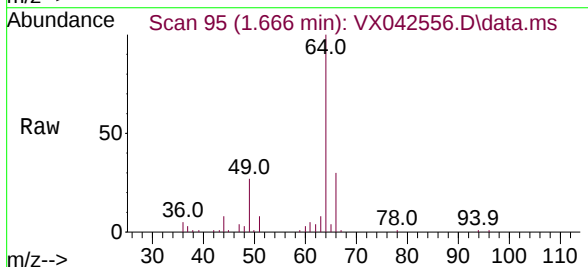
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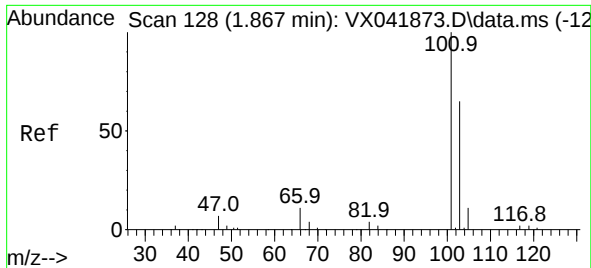
Tgt Ion: 64 Resp: 11268

Ion Ratio Lower Upper

64 100

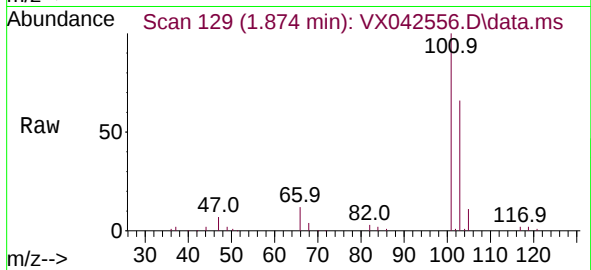
66 30.8 26.4 39.6



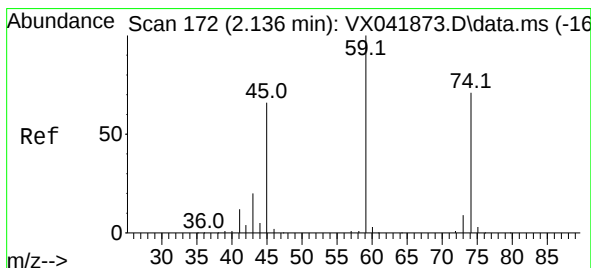
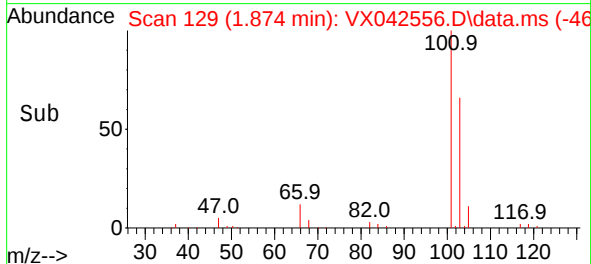
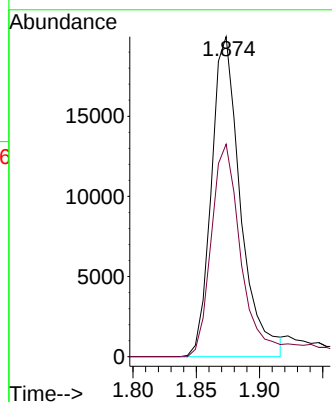


#7
Trichlorofluoromethane
Concen: 19.059 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

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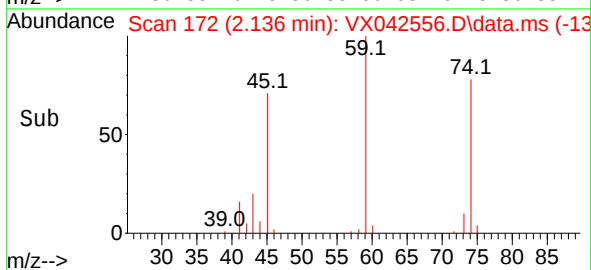
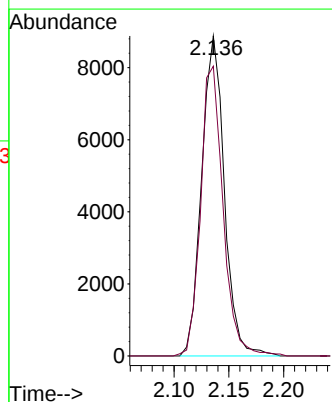
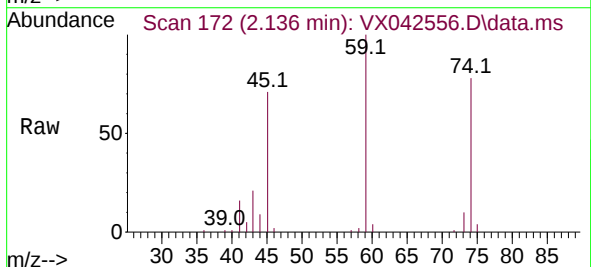


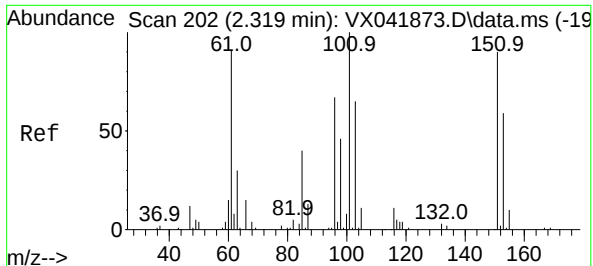
Tgt Ion:101 Resp: 31920
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.8



#8
Diethyl Ether
Concen: 18.231 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 74 Resp: 12805
Ion Ratio Lower Upper
74 100
45 89.4 18.7 168.7

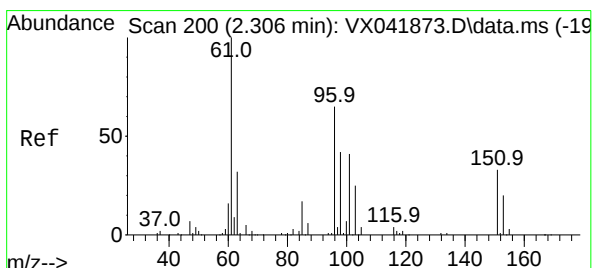
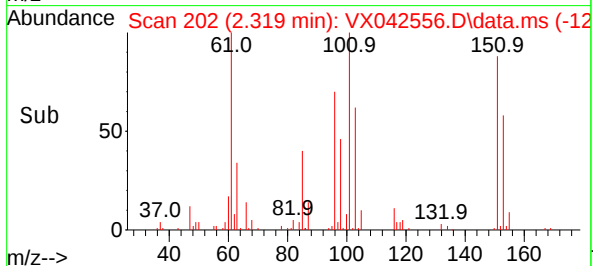
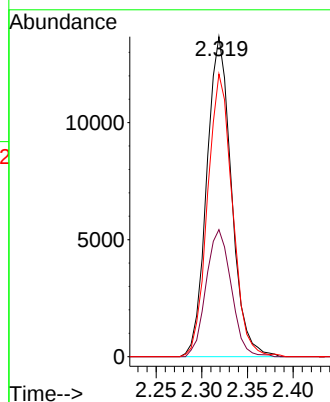
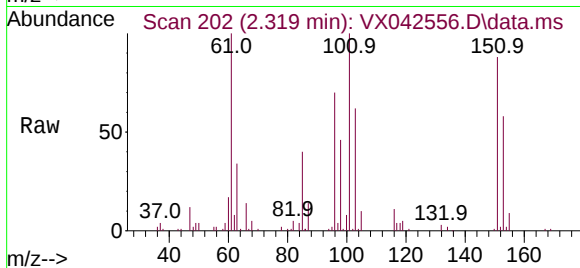




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.678 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

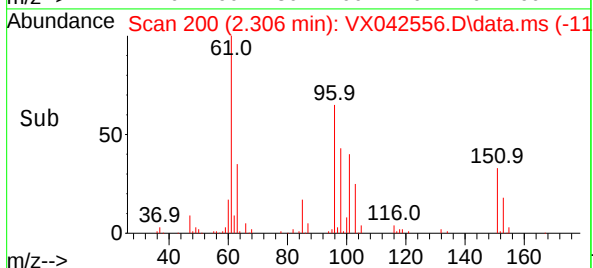
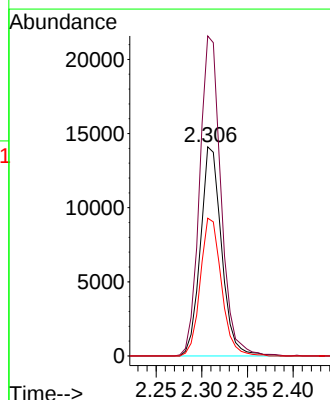
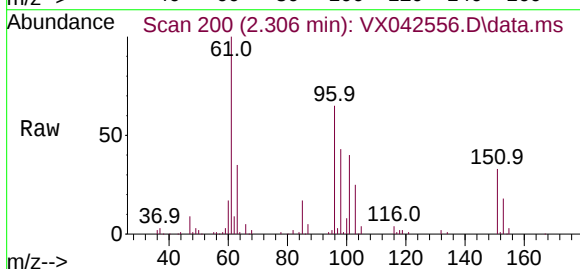
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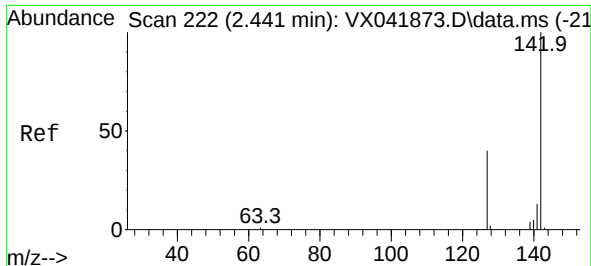
Tgt Ion:101 Resp: 25667
Ion Ratio Lower Upper
101 100
85 40.3 0.0 80.4
151 88.8 0.0 175.2



#10
1,1-Dichloroethene
Concen: 18.092 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 96 Resp: 22678
Ion Ratio Lower Upper
96 100
61 152.7 122.3 183.5
98 65.9 51.5 77.3





#11

Methyl Iodide

Concen: 17.908 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.006 min

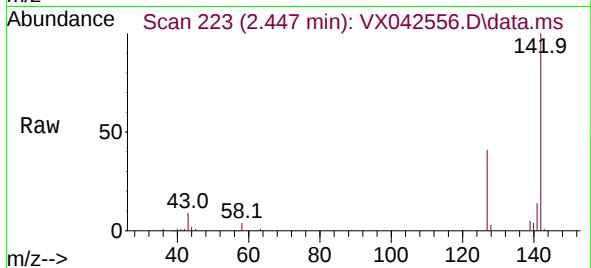
Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :



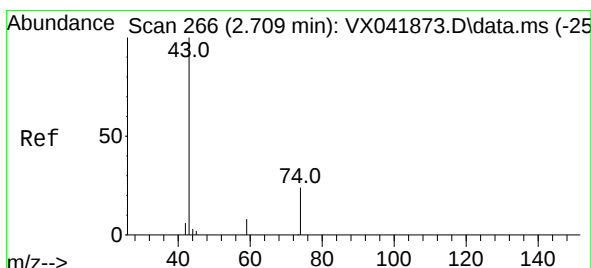
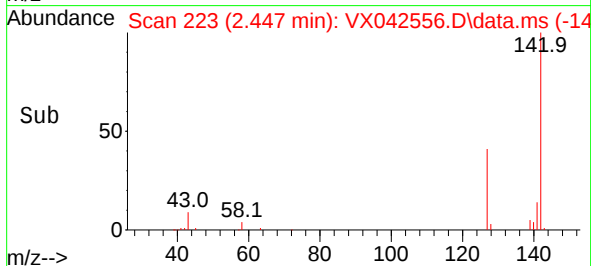
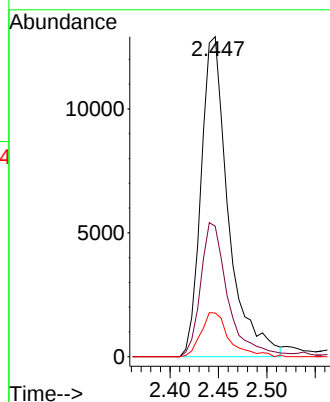
Tgt Ion:142 Resp: 25379

Ion Ratio Lower Upper

142 100

127 40.8 19.8 59.3

141 13.6 6.7 20.1



#12

Methyl Acetate

Concen: 21.311 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX042556.D

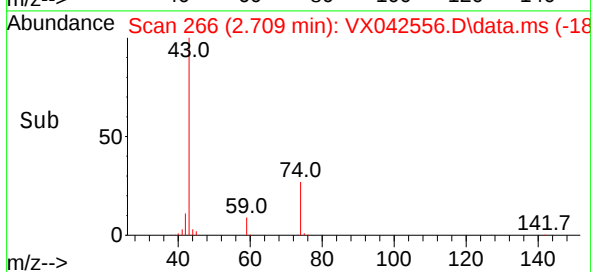
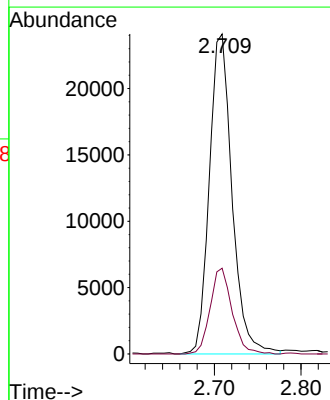
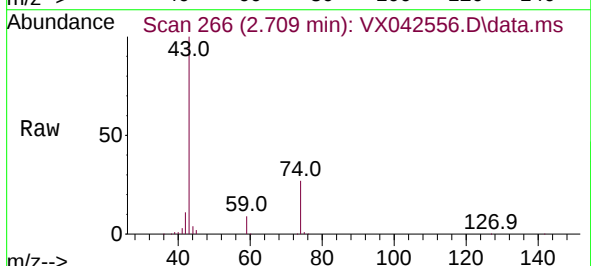
Acq: 25 Jul 2024 10:16

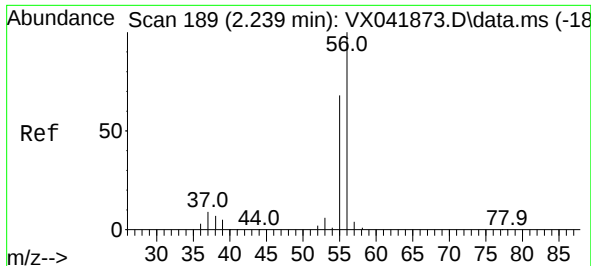
Tgt Ion: 43 Resp: 43904

Ion Ratio Lower Upper

43 100

74 26.9 19.4 29.2





#13

Acrolein

Concen: 57.497 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

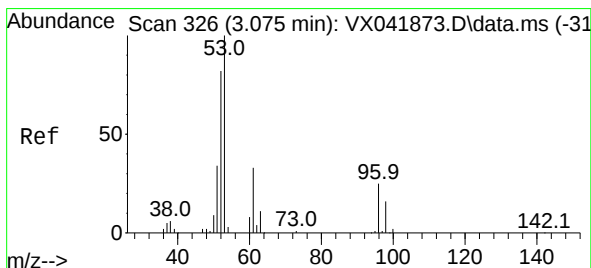
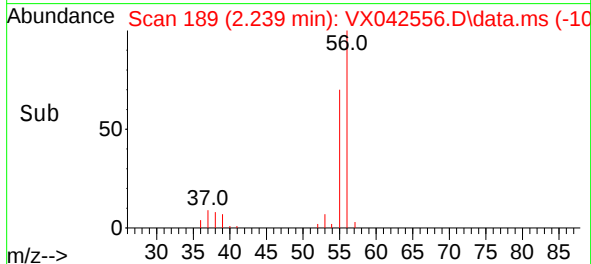
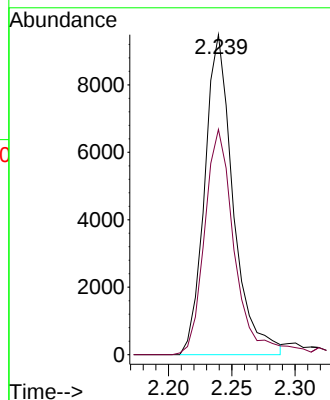
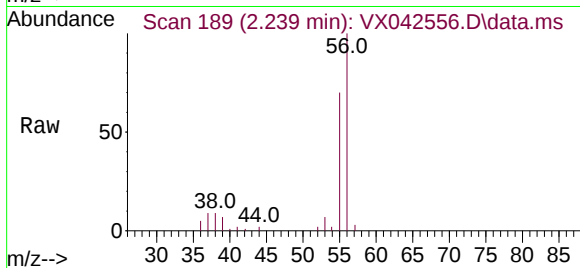
ClientSampleId :

Tgt Ion: 56 Resp: 14880

Ion Ratio Lower Upper

56 100

55 74.2 55.4 83.0



#14

Acrylonitrile

Concen: 94.624 ug/l

RT: 3.069 min Scan# 325

Delta R.T. -0.006 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

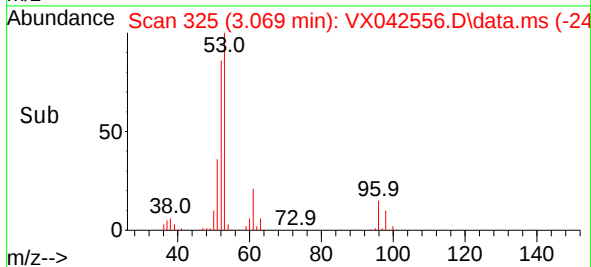
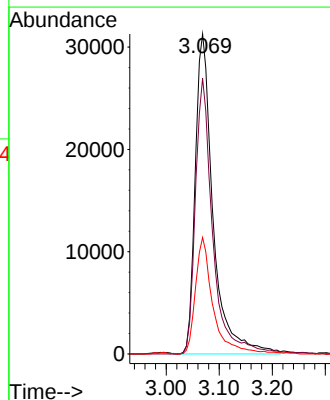
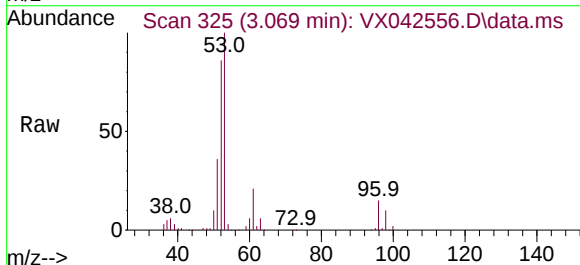
Tgt Ion: 53 Resp: 73206

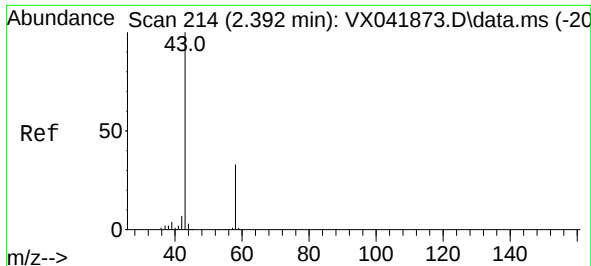
Ion Ratio Lower Upper

53 100

52 83.7 39.9 119.7

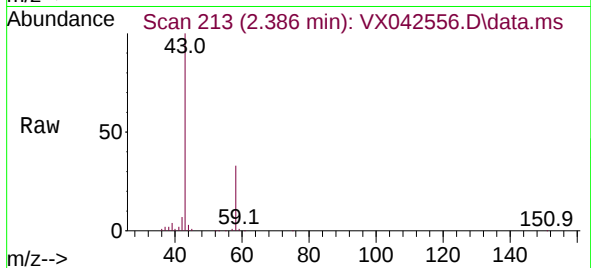
51 35.4 17.4 52.3



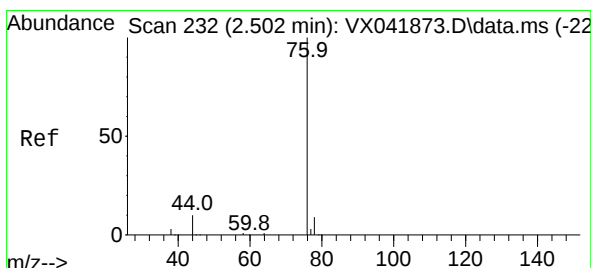
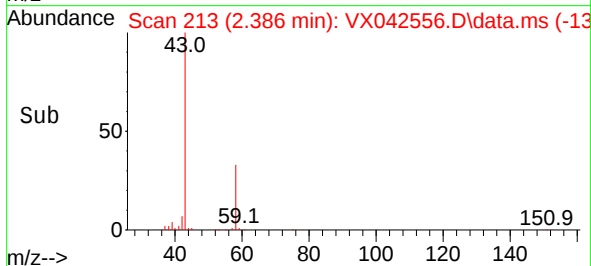
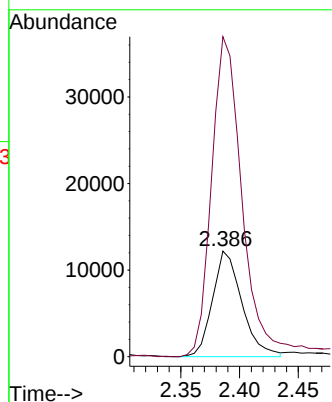


#15
Acetone
Concen: 92.255 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :

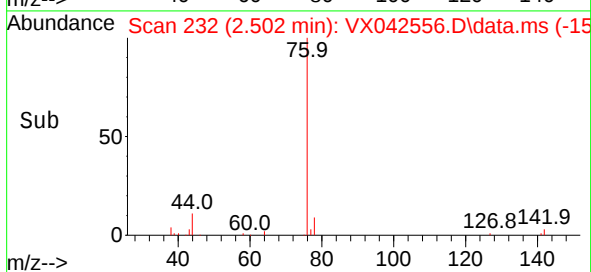
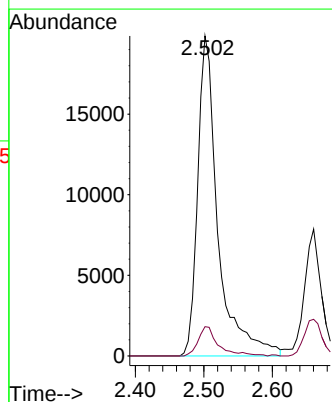
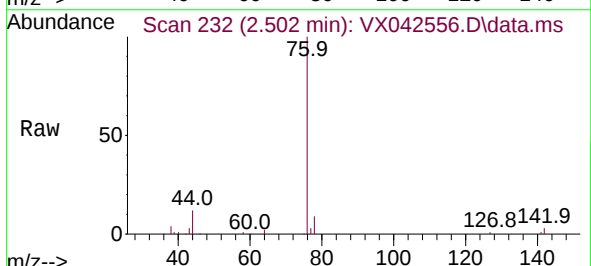


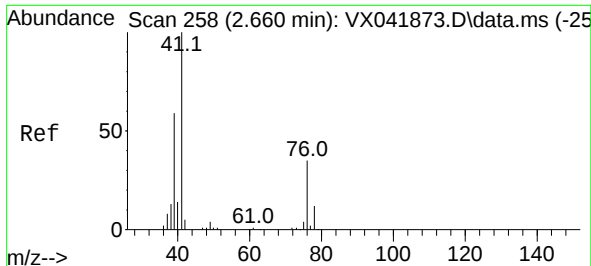
Tgt Ion: 58 Resp: 21230
Ion Ratio Lower Upper
58 100
43 302.9 243.4 365.2



#16
Carbon Disulfide
Concen: 16.498 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 76 Resp: 40879
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

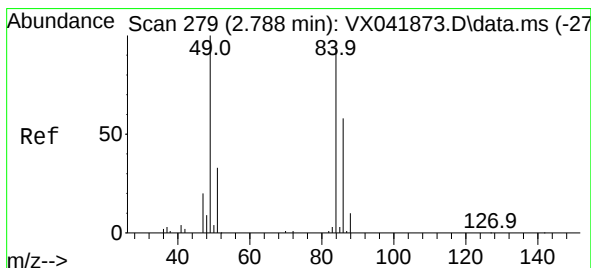
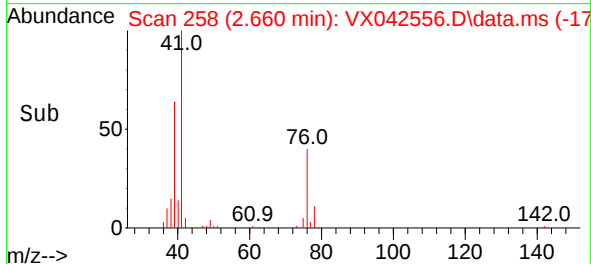
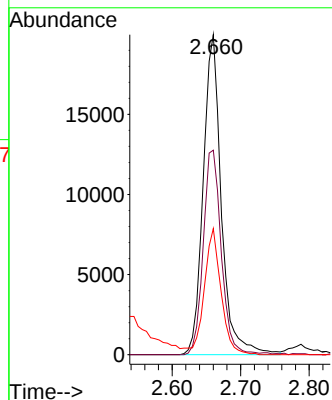
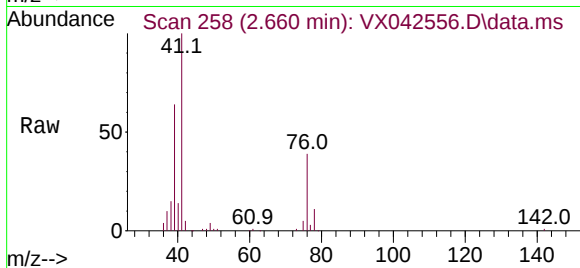




#17
 Allyl chloride
 Concen: 18.515 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX042556.D
 Acq: 25 Jul 2024 10:16

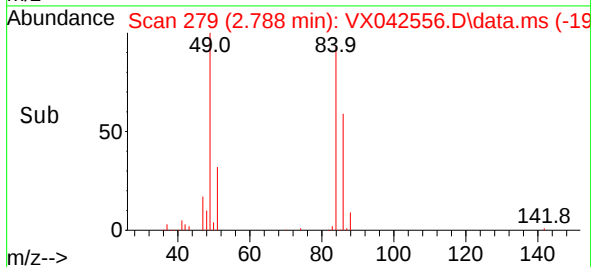
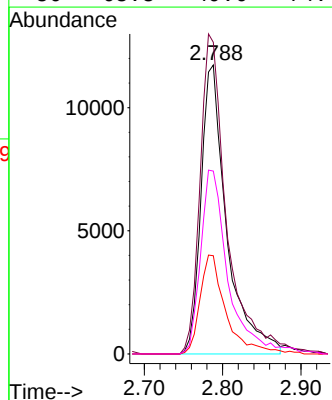
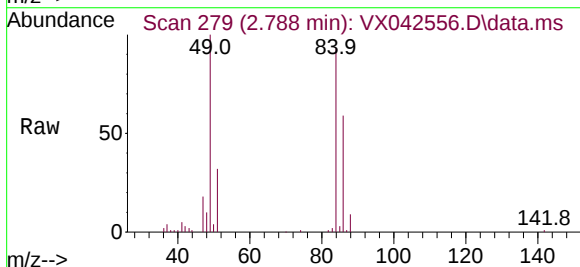
Instrument :
 MSVOA_X
 ClientSampleId :

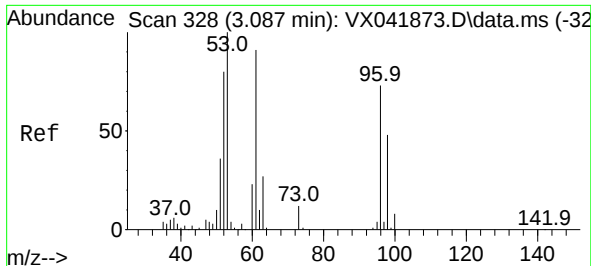
Tgt Ion: 41 Resp: 36926
 Ion Ratio Lower Upper
 41 100
 39 63.9 29.6 88.8
 76 39.4 18.1 54.4



#18
 Methylene Chloride
 Concen: 18.774 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX042556.D
 Acq: 25 Jul 2024 10:16

Tgt Ion: 84 Resp: 26876
 Ion Ratio Lower Upper
 84 100
 49 107.9 85.3 127.9
 51 34.0 28.5 42.7
 86 63.3 49.6 74.4





#19

trans-1,2-Dichloroethene

Concen: 19.156 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

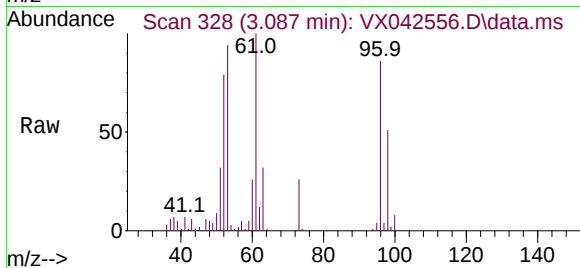
Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :



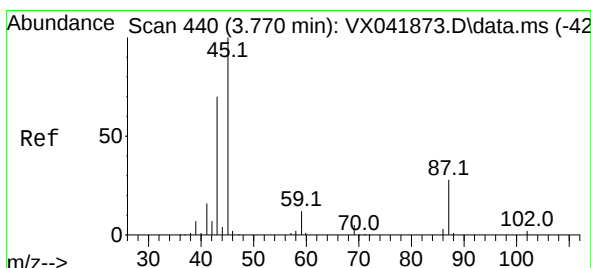
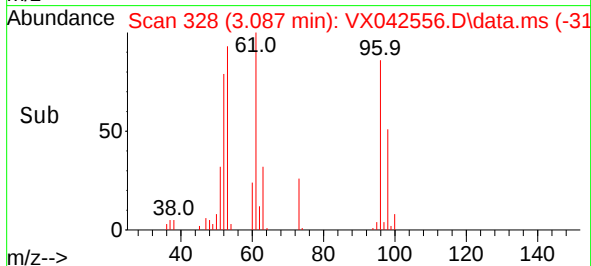
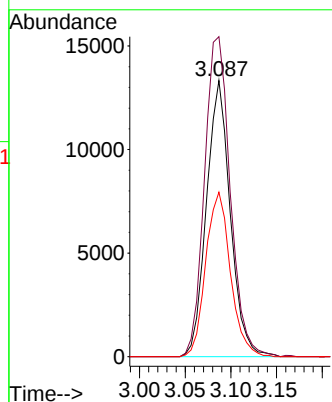
Tgt Ion: 96 Resp: 24254

Ion Ratio Lower Upper

96 100

61 115.9 100.1 150.1

98 59.5 52.1 78.1



#20

Diisopropyl ether

Concen: 18.477 ug/l

RT: 3.764 min Scan# 439

Delta R.T. -0.006 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Tgt Ion: 45 Resp: 77654

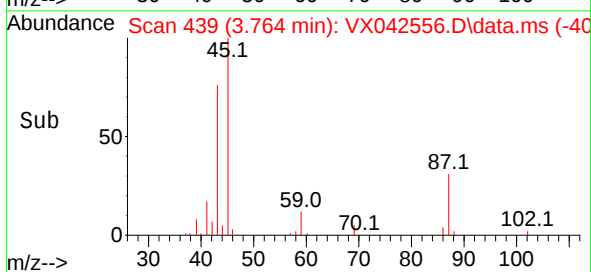
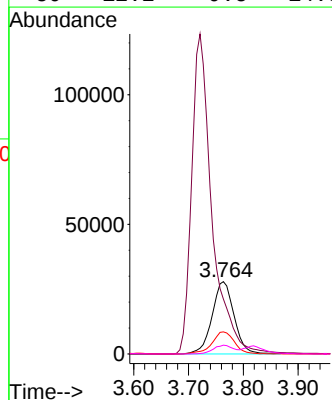
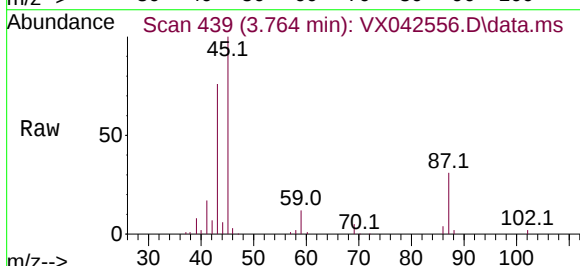
Ion Ratio Lower Upper

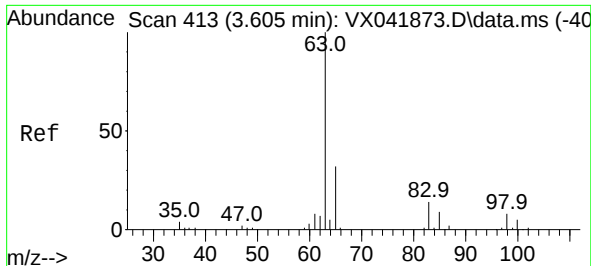
45 100

43 73.8 55.8 83.8

87 30.5 22.6 34.0

59 12.2 9.5 14.3





#21

1,1-Dichloroethane

Concen: 19.070 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042556.D

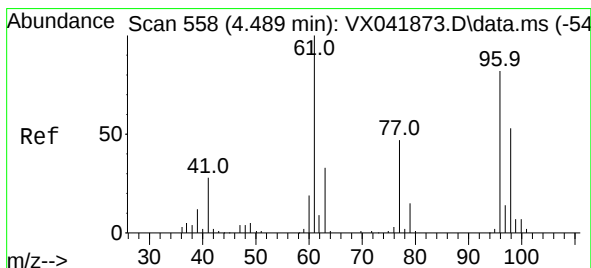
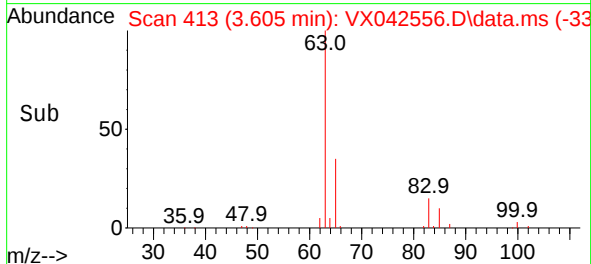
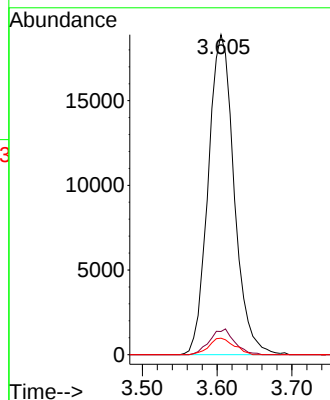
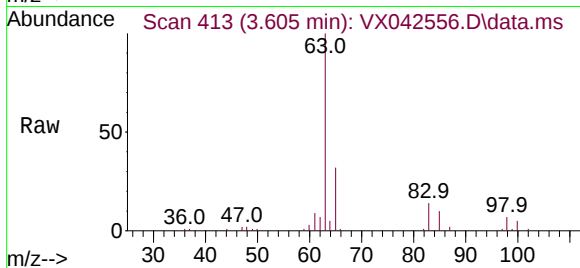
Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	45496
Ion Ratio	Lower	Upper	
63	100		
98	7.3	4.2	12.4
100	5.2	2.5	7.4



#22

cis-1,2-Dichloroethene

Concen: 19.275 ug/l

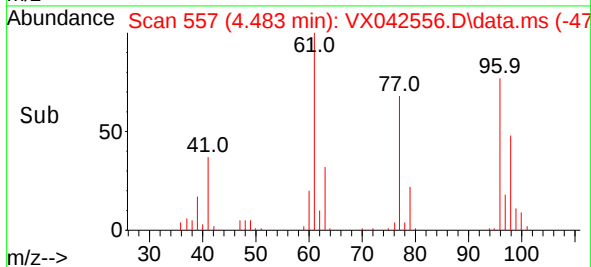
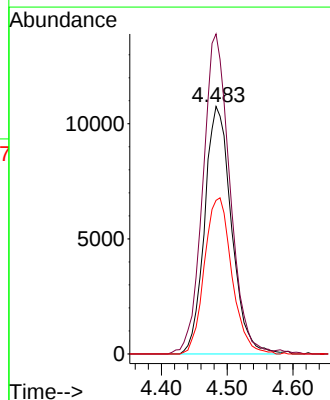
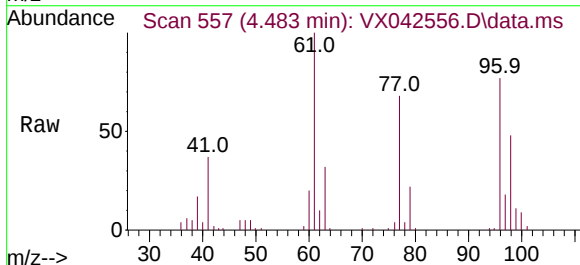
RT: 4.483 min Scan# 557

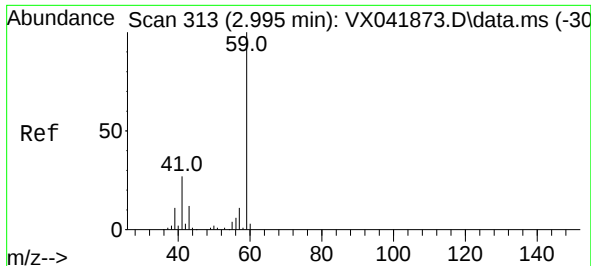
Delta R.T. -0.006 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Tgt Ion:	96	Resp:	30561
Ion Ratio	Lower	Upper	
96	100		
61	130.1	103.3	154.9
98	64.4	52.2	78.2





#23

tert-Butyl Alcohol

Concen: 100.862 ug/l

RT: 2.989 min Scan# 312

Delta R.T. -0.006 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

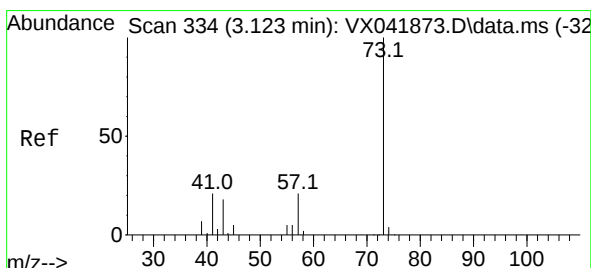
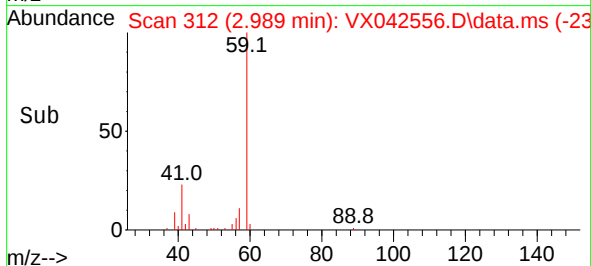
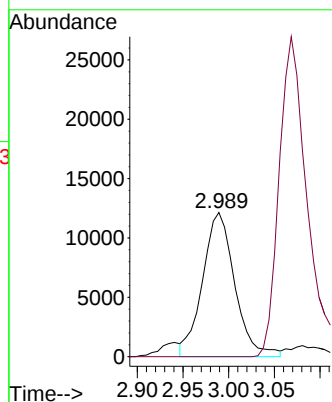
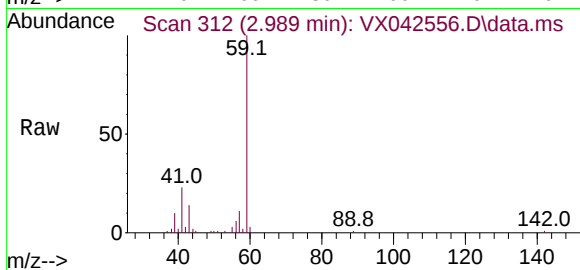
ClientSampleId :

Tgt Ion: 59 Resp: 29738

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.525 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.006 min

Lab File: VX042556.D

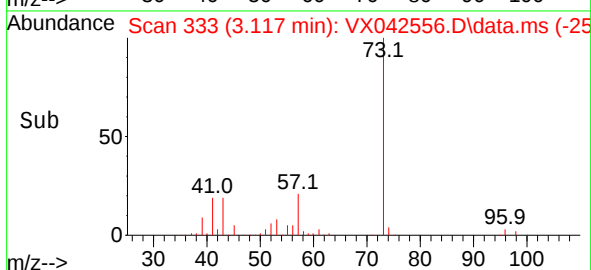
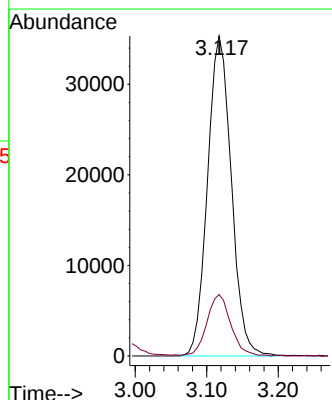
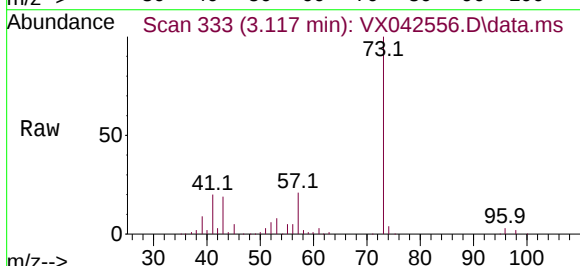
Acq: 25 Jul 2024 10:16

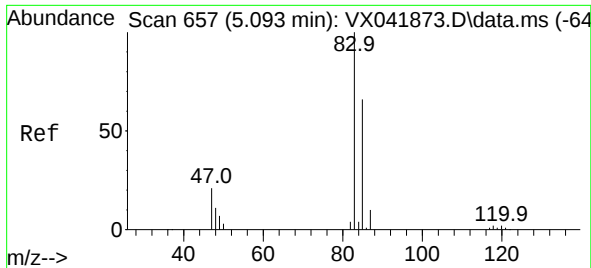
Tgt Ion: 73 Resp: 81689

Ion Ratio Lower Upper

73 100

43 19.2 15.1 22.7





#25

Chloroform

Concen: 19.686 ug/l

RT: 5.086 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

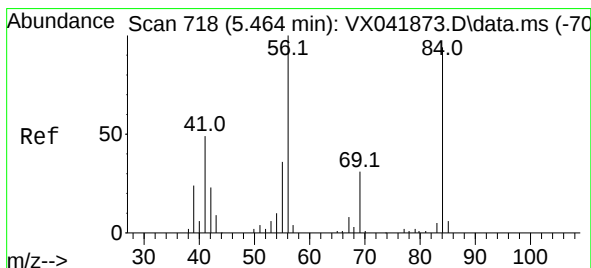
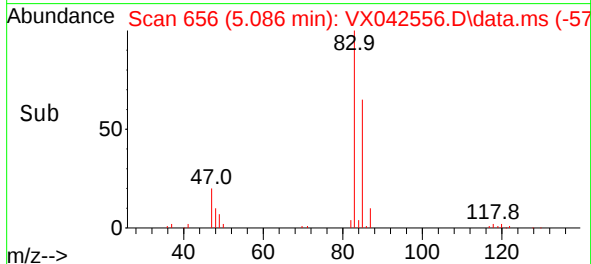
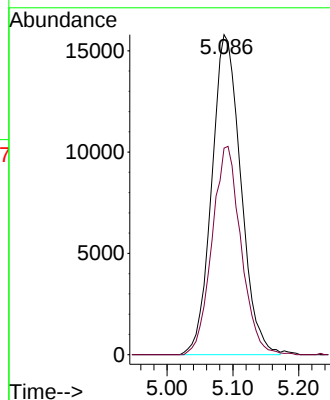
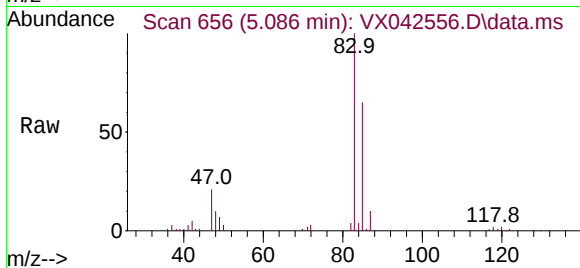
ClientSampleId :

Tgt Ion: 83 Resp: 48542

Ion Ratio Lower Upper

83 100

85 64.6 52.7 79.1



#26

Cyclohexane

Concen: 17.806 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

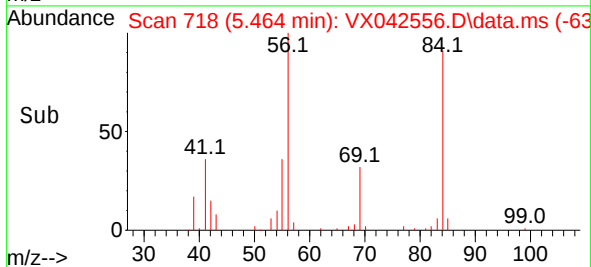
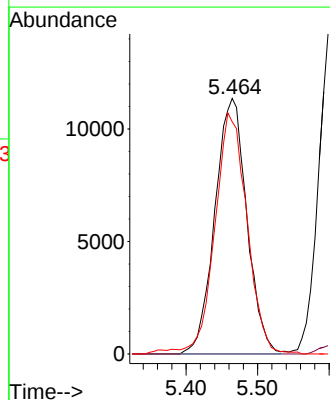
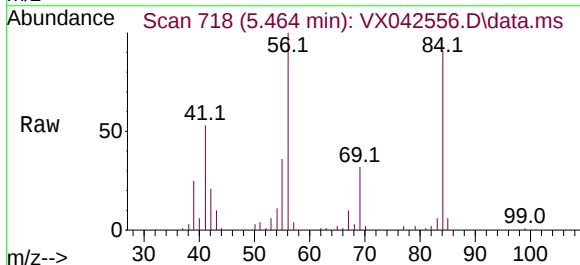
Tgt Ion: 56 Resp: 35182

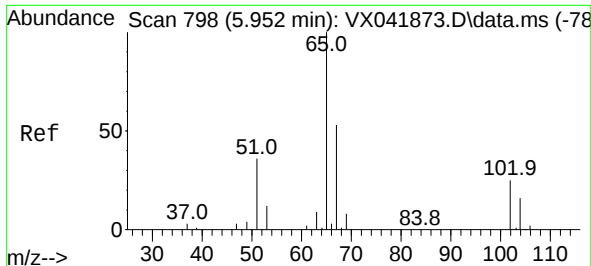
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

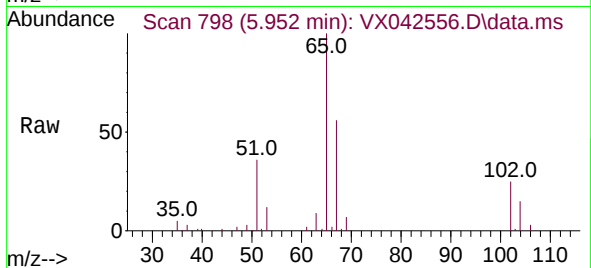
84 94.1 73.1 109.7



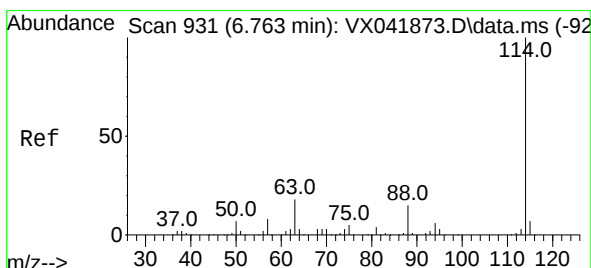
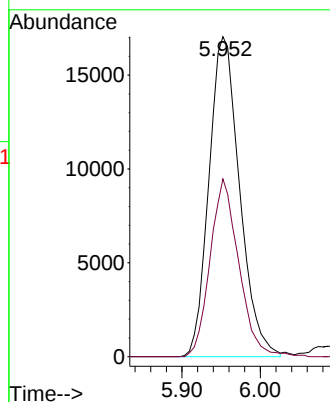
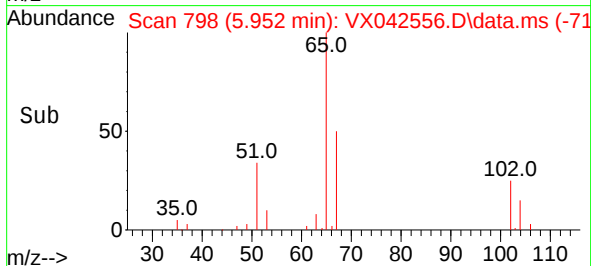


#27
 1,2-Dichloroethane-d4
 Concen: 30.083 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX042556.D
 Acq: 25 Jul 2024 10:16

Instrument :
 MSVOA_X
 ClientSampleId :

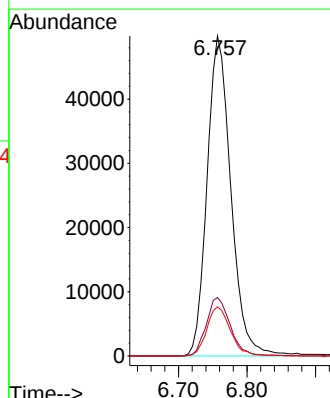
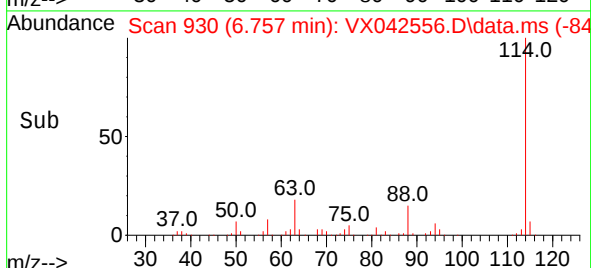
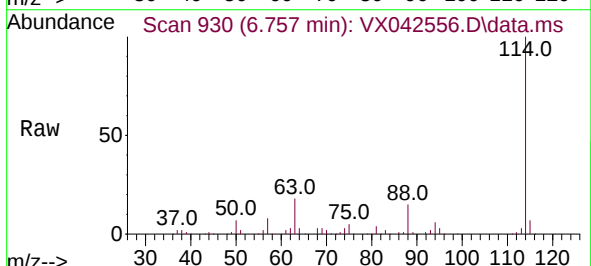


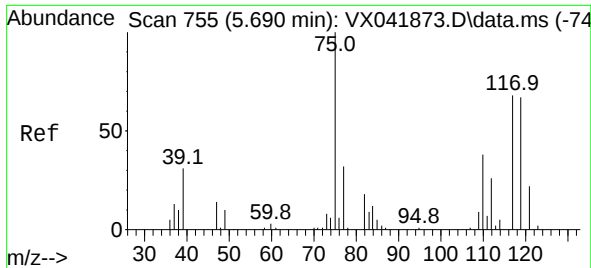
Tgt Ion: 65 Resp: 46326
 Ion Ratio Lower Upper
 65 100
 67 52.0 43.4 65.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX042556.D
 Acq: 25 Jul 2024 10:16

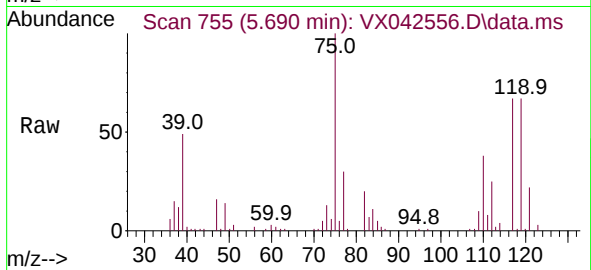
Tgt Ion: 114 Resp: 119965
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.6 21.8
 88 15.1 11.8 17.8



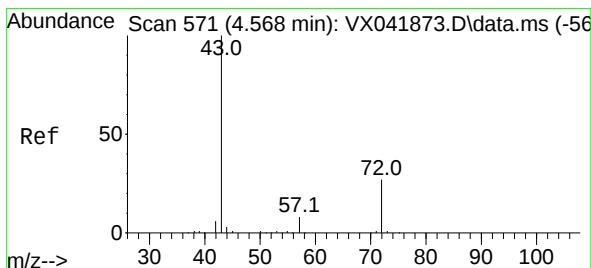
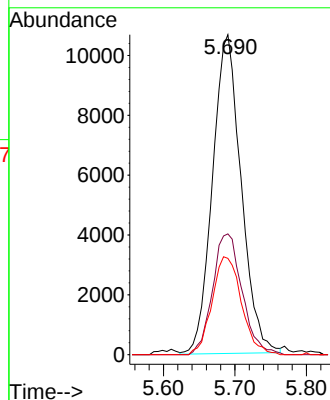
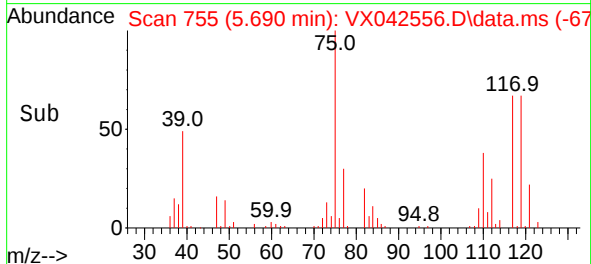


#29
1,1-Dichloropropene
Concen: 18.959 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :

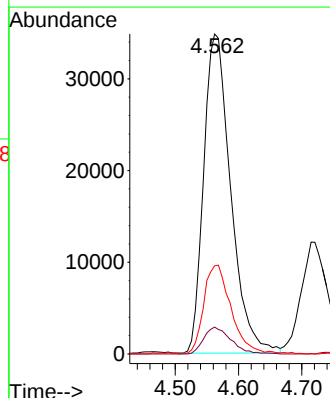
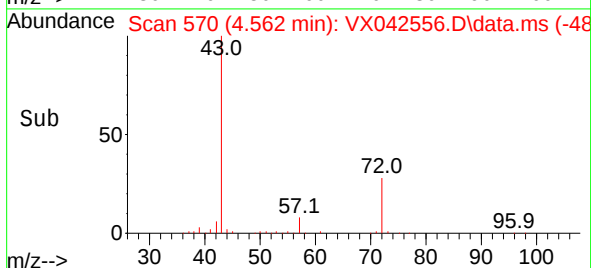
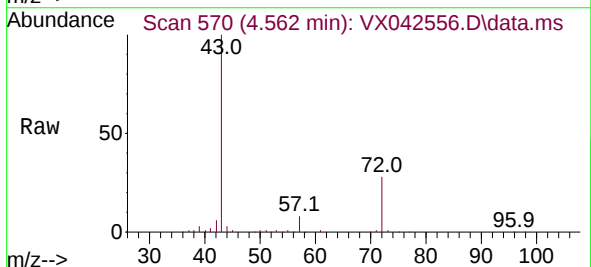


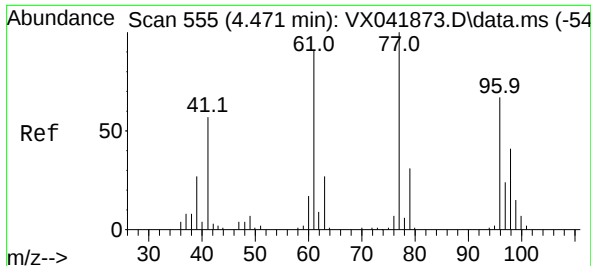
Tgt Ion: 75 Resp: 29658
Ion Ratio Lower Upper
75 100
110 39.0 0.0 80.2
77 31.5 0.0 65.2



#30
2-Butanone
Concen: 98.999 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 43 Resp: 103397
Ion Ratio Lower Upper
43 100
57 8.3 6.5 9.7
72 27.8 22.0 33.0

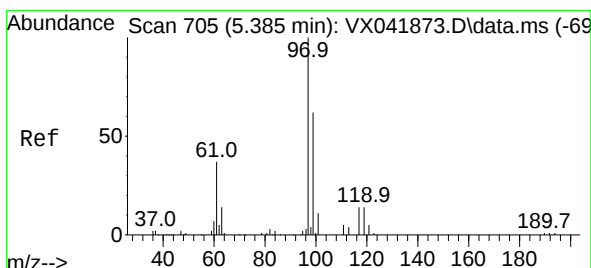
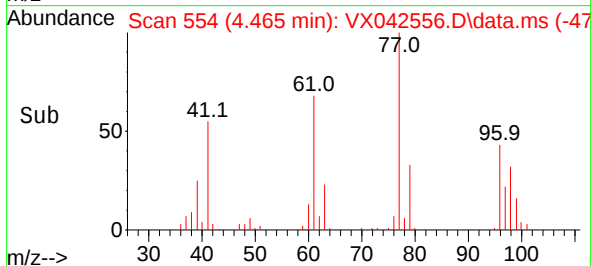
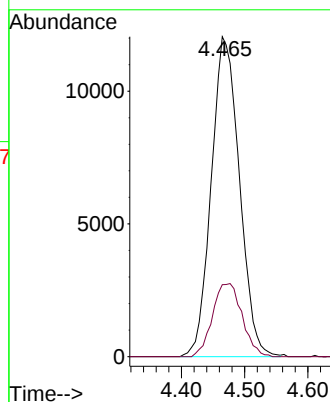
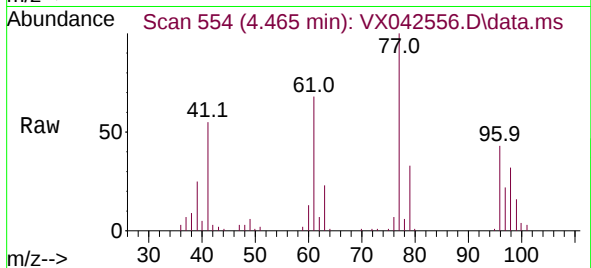




#31
2,2-Dichloropropane
Concen: 20.692 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

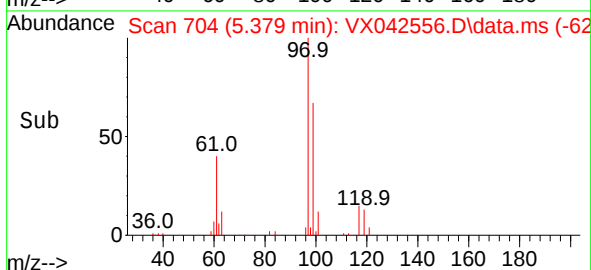
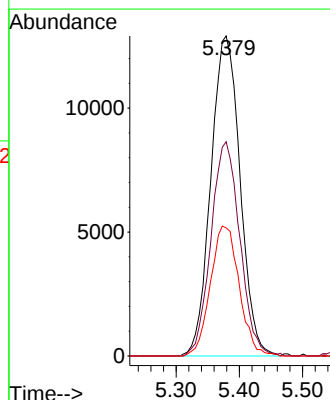
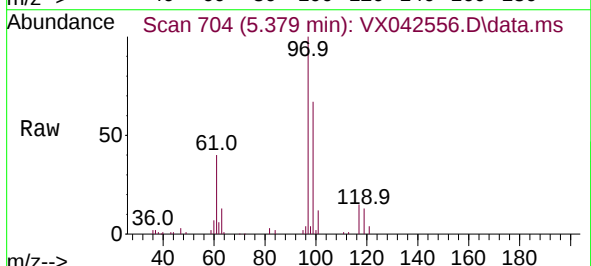
Instrument :
MSVOA_X
ClientSampleId :

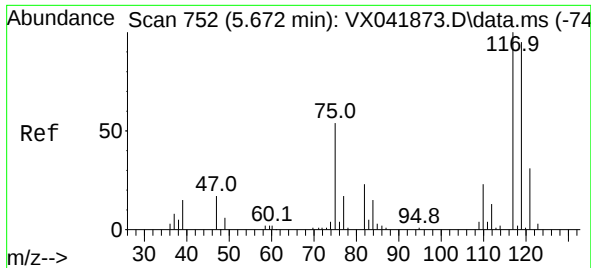
Tgt Ion: 77 Resp: 37212
Ion Ratio Lower Upper
77 100
97 24.0 20.2 30.2



#32
1,1,1-Trichloroethane
Concen: 20.483 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

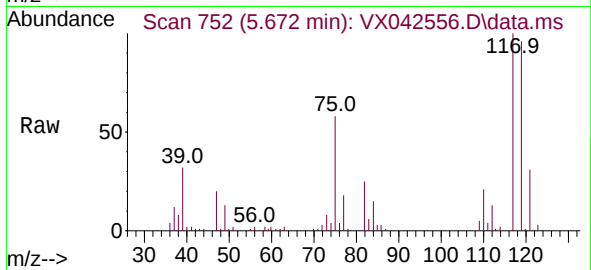
Tgt Ion: 97 Resp: 41388
Ion Ratio Lower Upper
97 100
99 66.1 52.0 78.0
61 40.1 31.7 47.5



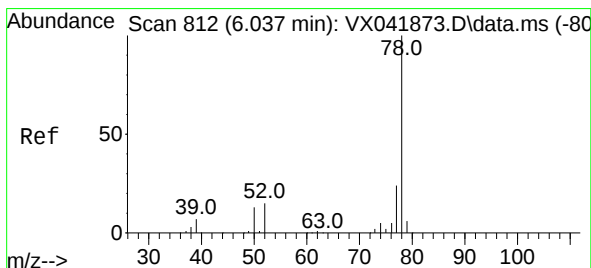
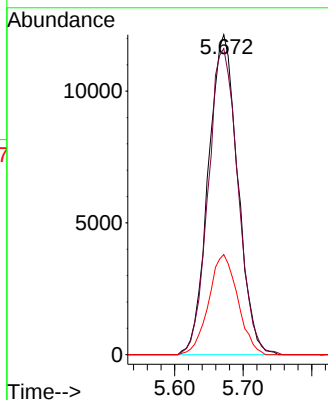
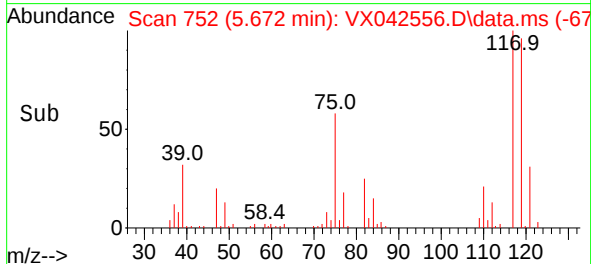


#33
Carbon Tetrachloride
Concen: 20.525 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :

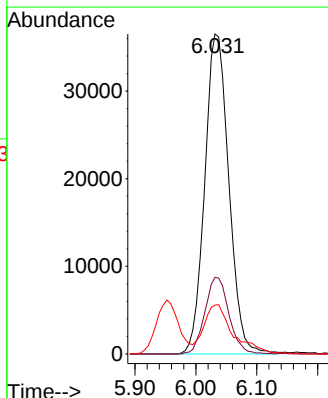
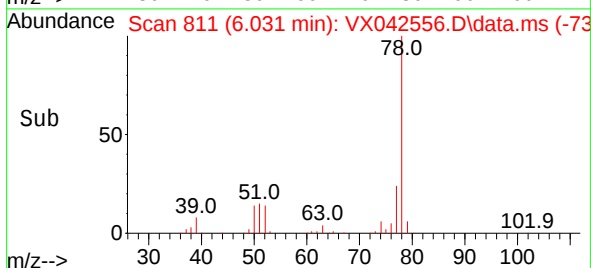
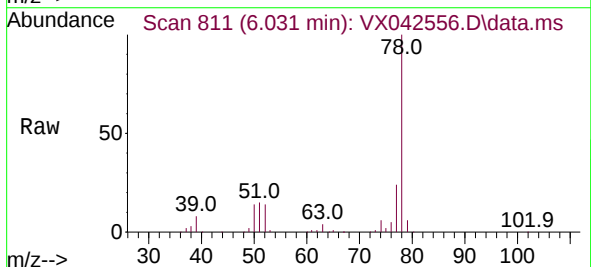


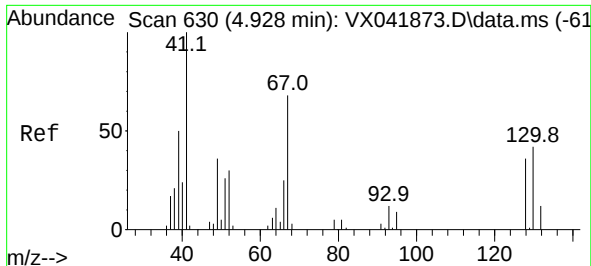
Tgt Ion:117 Resp: 36218
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5
121 31.3 24.9 37.3



#34
Benzene
Concen: 19.547 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 78 Resp: 100403
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3
51 14.8 11.8 17.8





#35

Methacrylonitrile

Concen: 19.373 ug/l

RT: 4.928 min Scan# 61

Delta R.T. 0.000 min

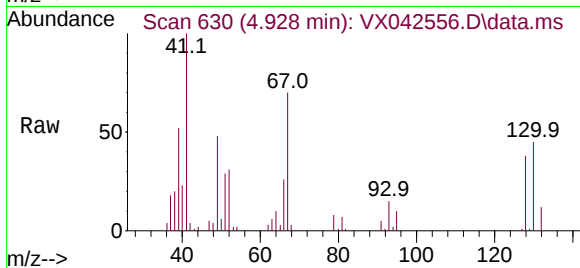
Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 41 Resp: 19967

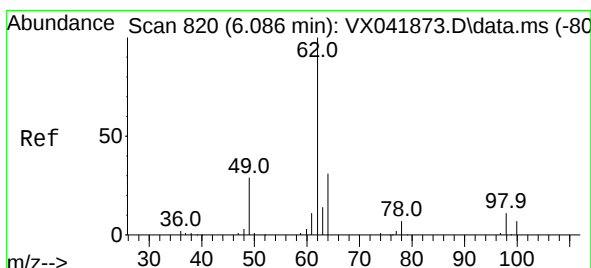
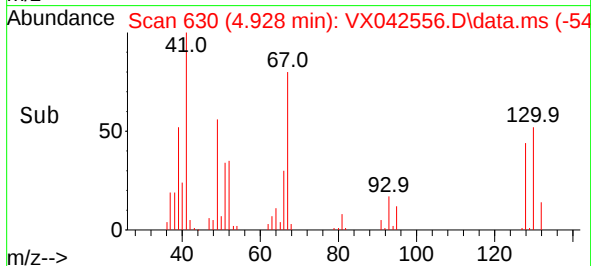
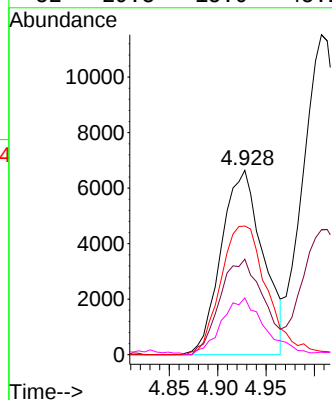
Ion Ratio Lower Upper

41 100

39 51.8 25.2 75.6

67 69.8 34.2 102.5

52 29.8 15.0 45.1



#36

1,2-Dichloroethane

Concen: 20.031 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042556.D

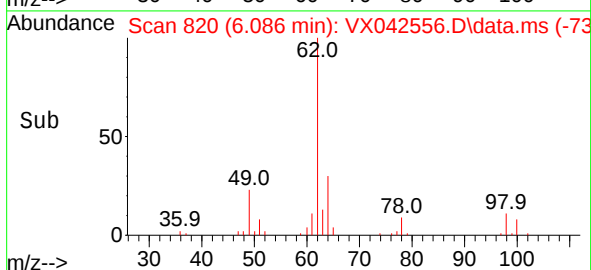
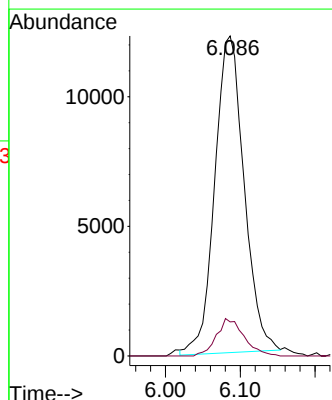
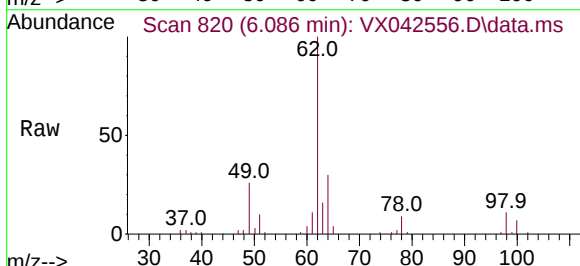
Acq: 25 Jul 2024 10:16

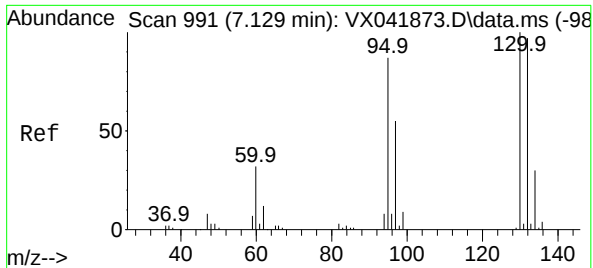
Tgt Ion: 62 Resp: 33371

Ion Ratio Lower Upper

62 100

98 11.1 9.1 13.7

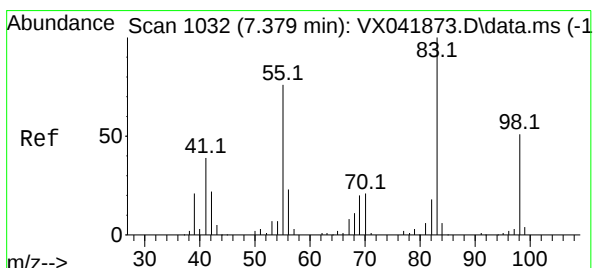
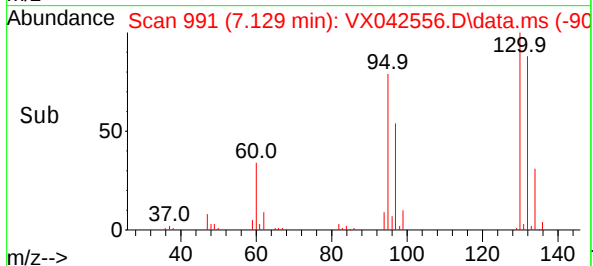
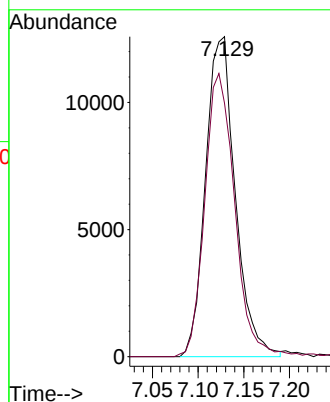
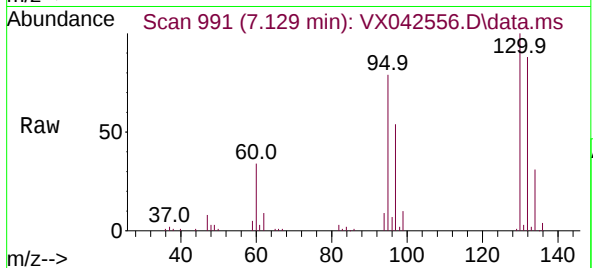




#37
Trichloroethene
Concen: 20.636 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

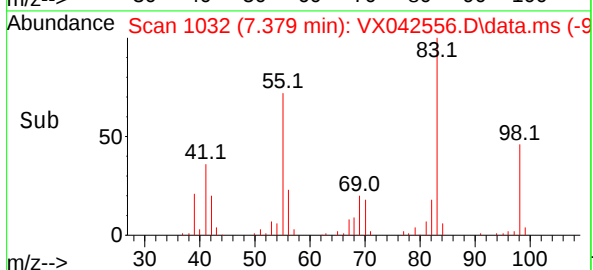
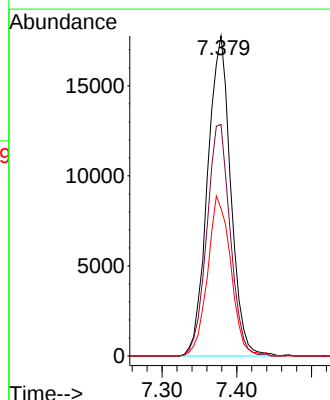
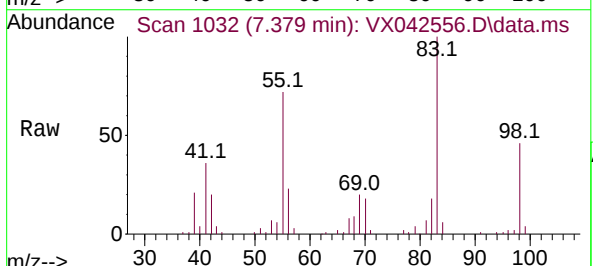
Instrument :
MSVOA_X
ClientSampleId :

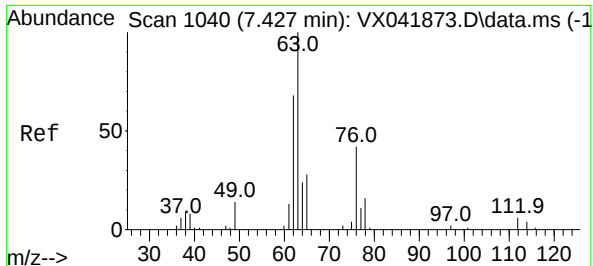
Tgt Ion:130 Resp: 28505
Ion Ratio Lower Upper
130 100
95 78.3 69.4 104.0



#38
Methylcyclohexane
Concen: 19.066 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

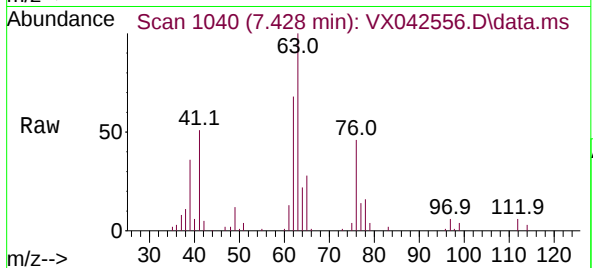
Tgt Ion: 83 Resp: 38352
Ion Ratio Lower Upper
83 100
55 72.8 37.3 111.9
98 49.9 24.8 74.4



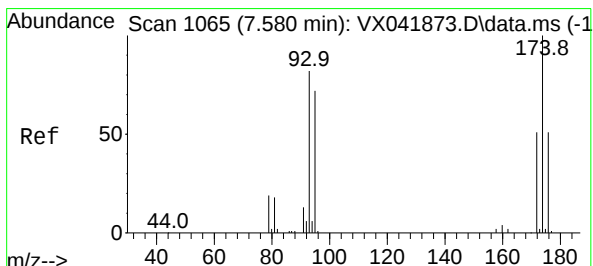
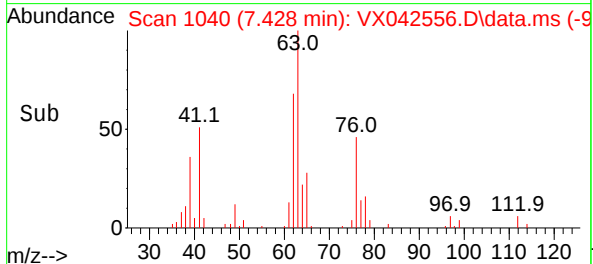
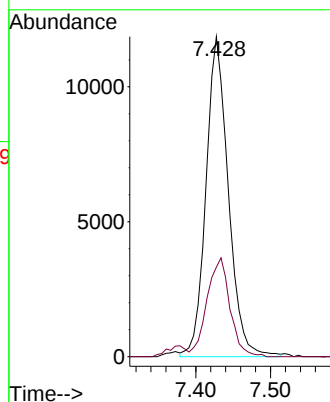


#39
1,2-Dichloropropane
Concen: 19.535 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :

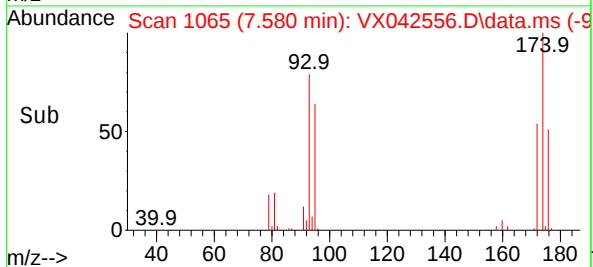
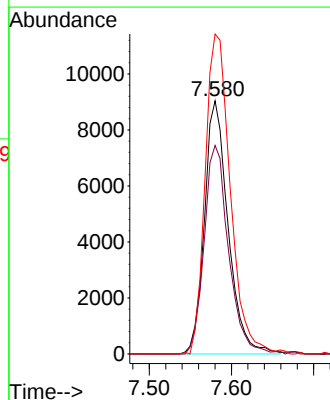
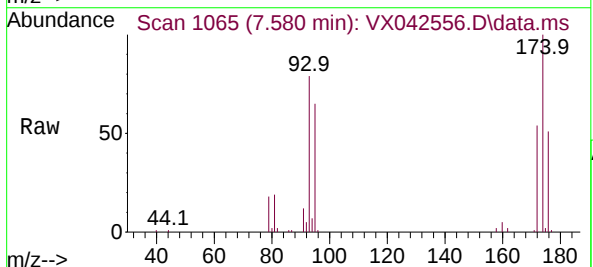


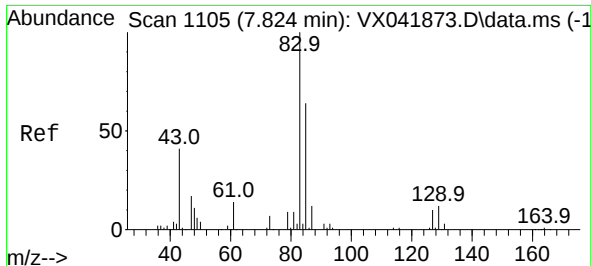
Tgt Ion: 63 Resp: 24666
Ion Ratio Lower Upper
63 100
65 28.1 24.0 36.0



#40
Dibromomethane
Concen: 19.820 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 93 Resp: 18064
Ion Ratio Lower Upper
93 100
95 84.5 0.0 168.6
174 133.7 0.0 255.0

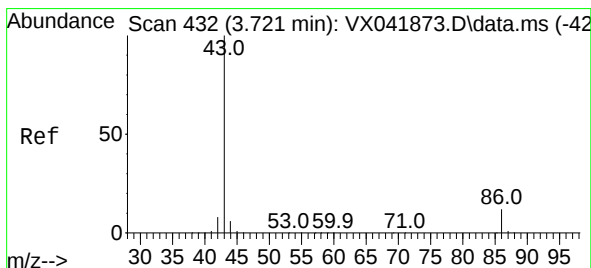
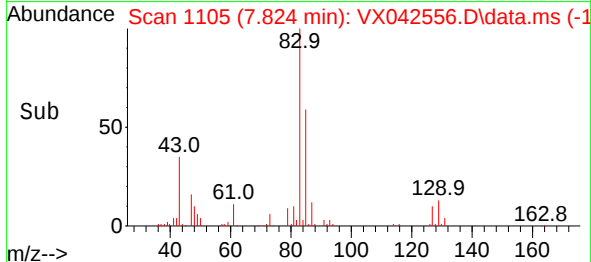
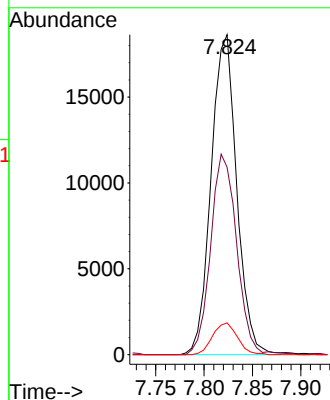
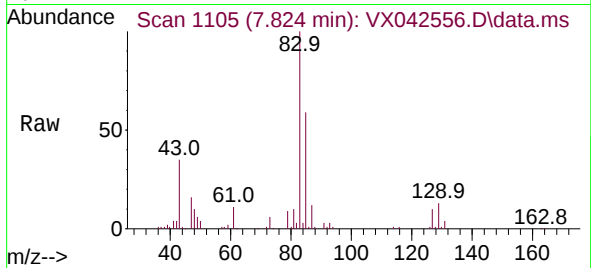




#41
Bromodichloromethane
Concen: 20.082 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

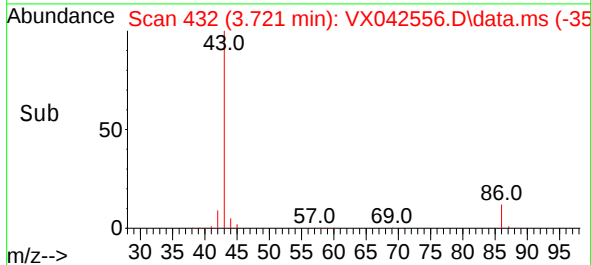
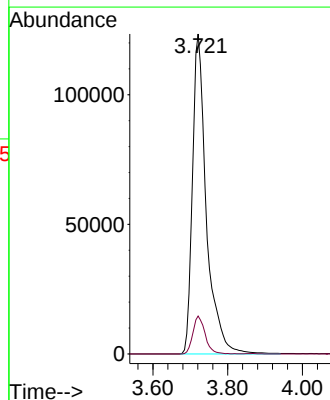
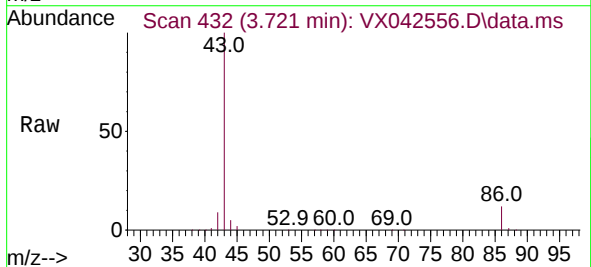
Instrument :
MSVOA_X
ClientSampleId :

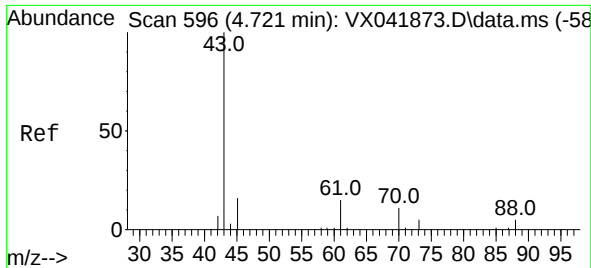
Tgt Ion: 83 Resp: 34329
Ion Ratio Lower Upper
83 100
85 58.6 51.1 76.7
127 10.0 8.1 12.1



#42
Vinyl Acetate
Concen: 94.525 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 43 Resp: 319408
Ion Ratio Lower Upper
43 100
86 10.4 8.5 12.7





#43

Ethyl Acetate

Concen: 19.219 ug/l

RT: 4.715 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

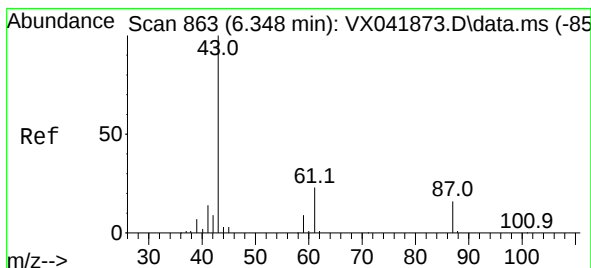
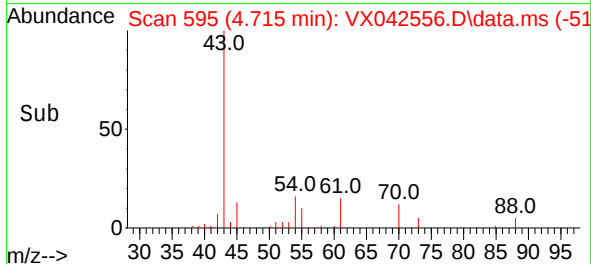
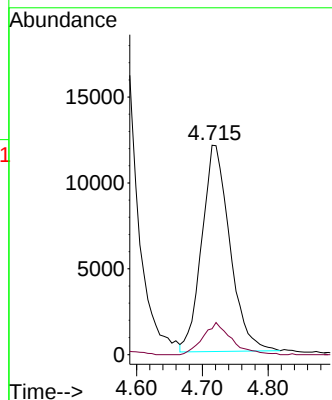
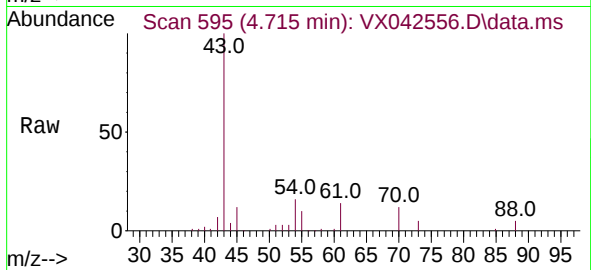
ClientSampleId :

Tgt Ion: 43 Resp: 35624

Ion Ratio Lower Upper

43 100

45 15.8 12.4 18.6



#44

Isopropyl Acetate

Concen: 19.096 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX042556.D

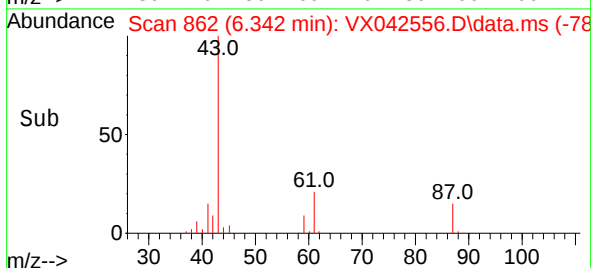
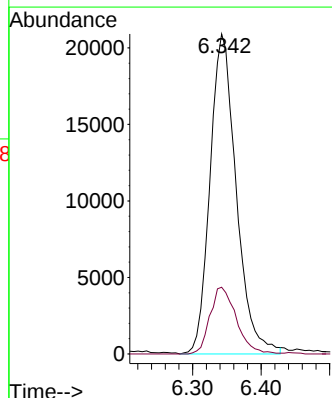
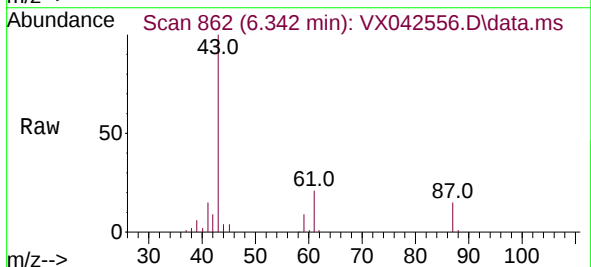
Acq: 25 Jul 2024 10:16

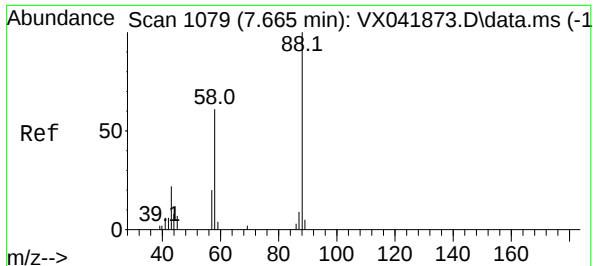
Tgt Ion: 43 Resp: 55603

Ion Ratio Lower Upper

43 100

61 20.7 17.4 26.0

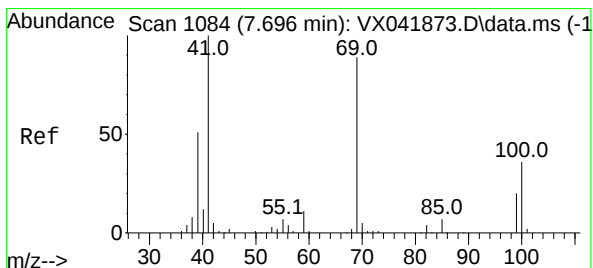
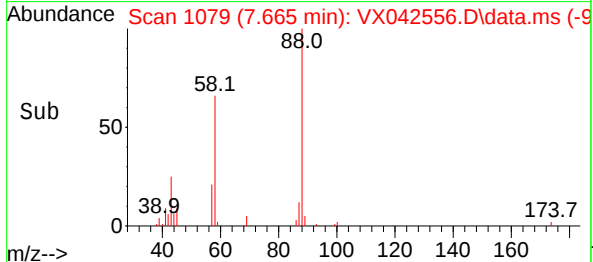
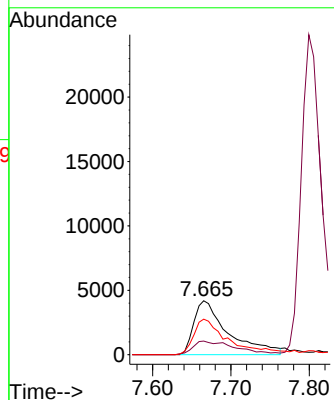
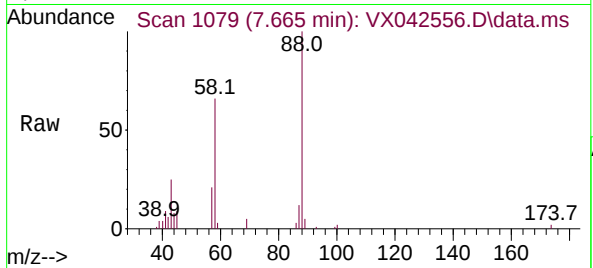




#45
1,4-Dioxane
Concen: 391.960 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

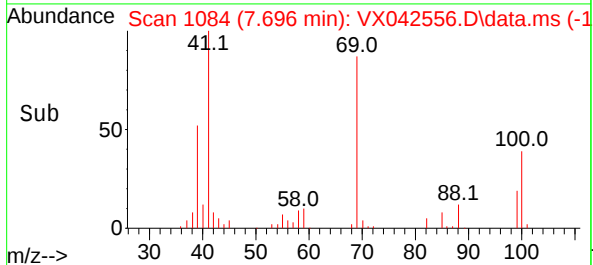
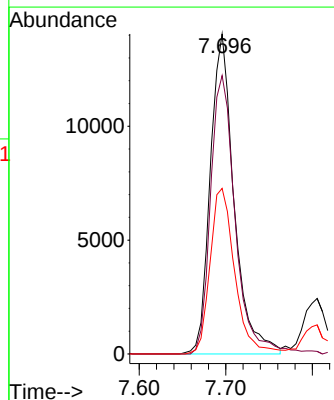
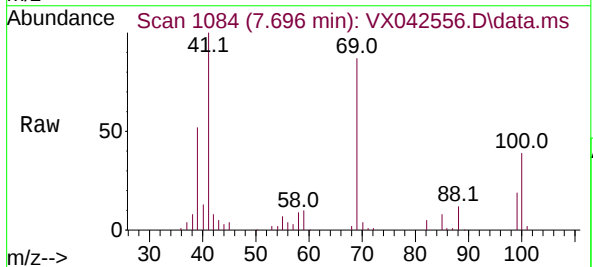
Instrument :
MSVOA_X
ClientSampleId :

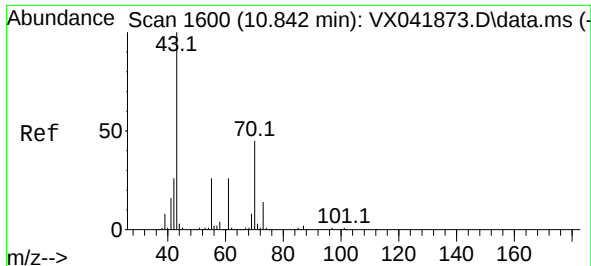
Tgt Ion: 88 Resp: 12786
Ion Ratio Lower Upper
88 100
43 14.6 23.2 34.8#
58 61.2 52.6 78.8



#46
Methyl methacrylate
Concen: 18.944 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 41 Resp: 26882
Ion Ratio Lower Upper
41 100
69 87.0 44.4 133.1
39 51.7 25.5 76.5





#47

n-amy1 Acetate

Concen: 17.958 ug/l

RT: 10.842 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

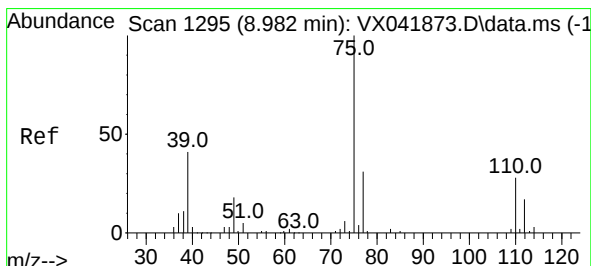
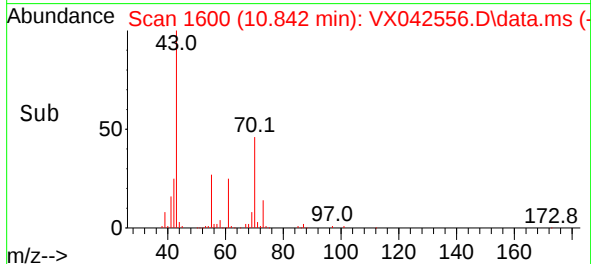
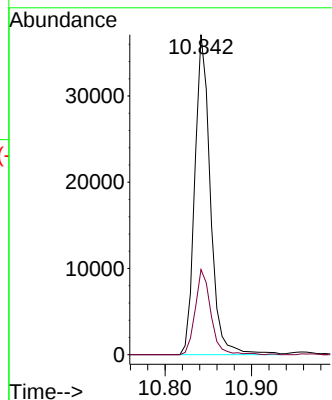
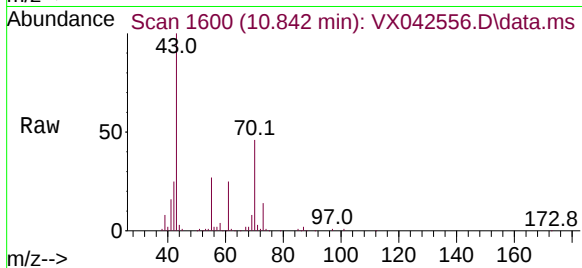
ClientSampleId :

Tgt Ion: 43 Resp: 46460

Ion Ratio Lower Upper

43 100

55 26.3 21.0 31.4



#48

t-1,3-Dichloropropene

Concen: 19.116 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX042556.D

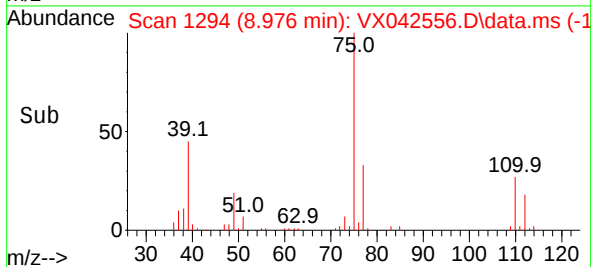
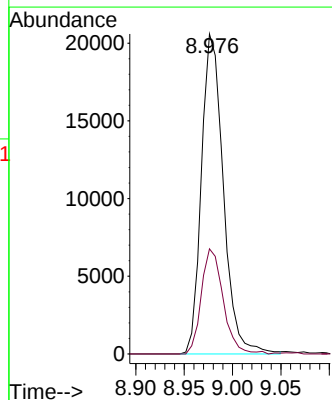
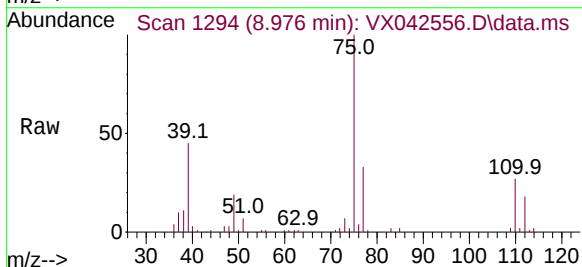
Acq: 25 Jul 2024 10:16

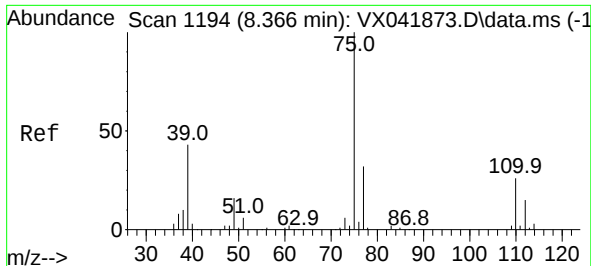
Tgt Ion: 75 Resp: 32577

Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7

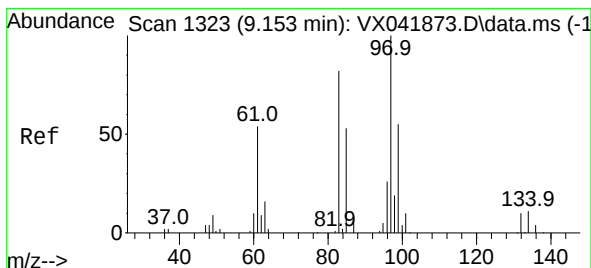
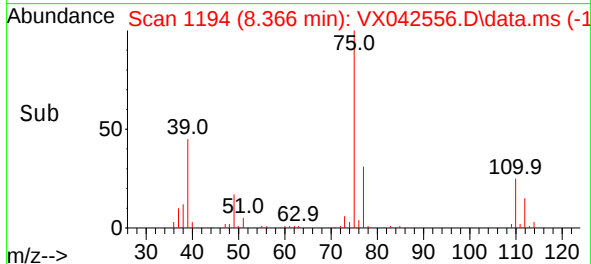
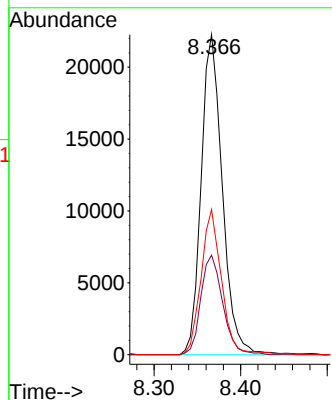
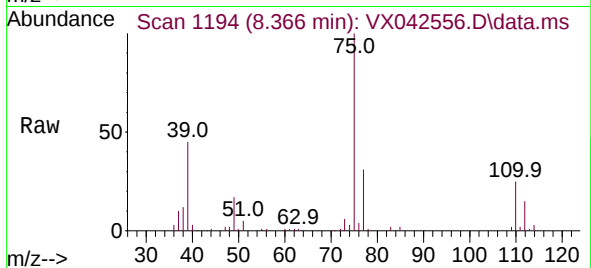




#49
cis-1,3-Dichloropropene
Concen: 19.731 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

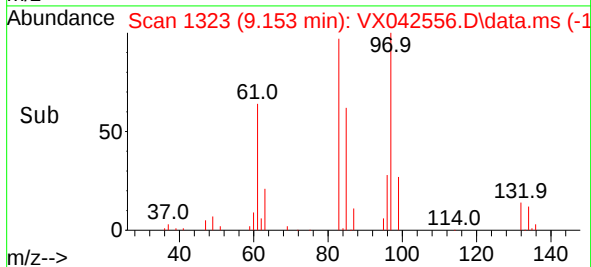
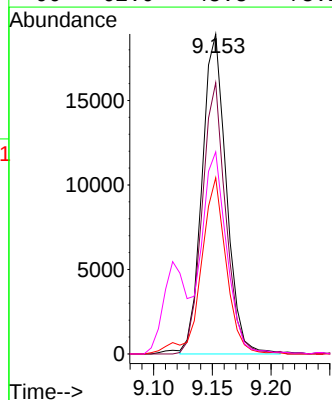
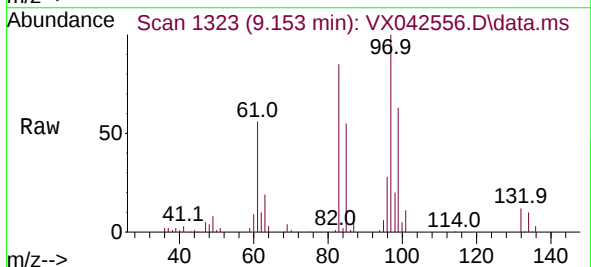
Instrument :
MSVOA_X
ClientSampleId :

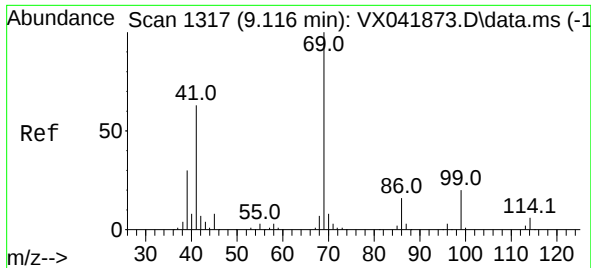
Tgt Ion: 75 Resp: 37794
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8
39 45.4 34.8 52.2



#50
1,1,2-Trichloroethane
Concen: 20.295 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 97 Resp: 27126
Ion Ratio Lower Upper
97 100
83 84.7 65.9 98.9
85 54.9 42.9 64.3
99 62.9 48.8 73.2

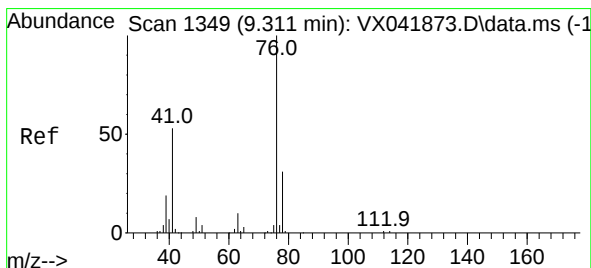
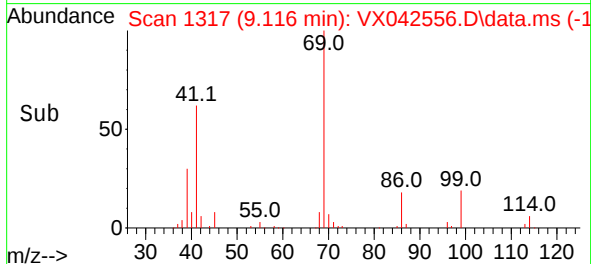
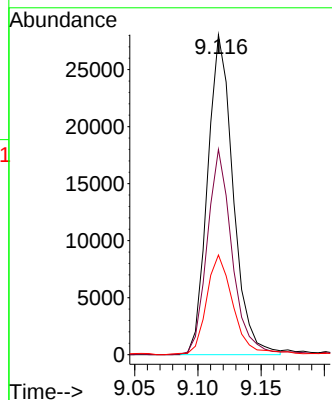
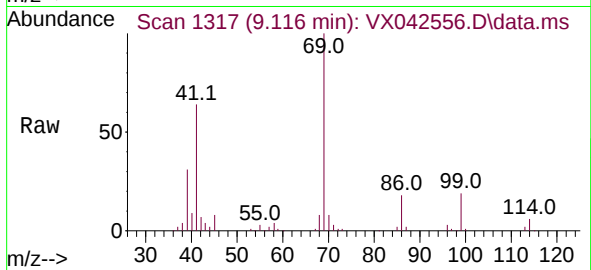




#51
Ethyl methacrylate
Concen: 18.876 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

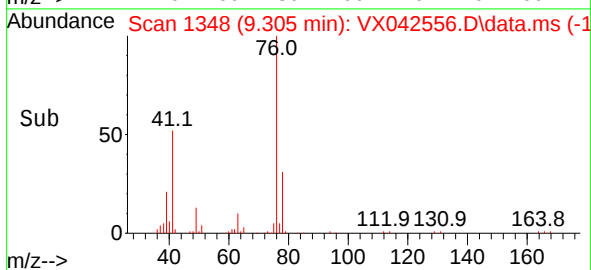
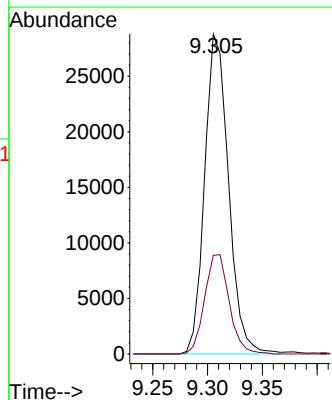
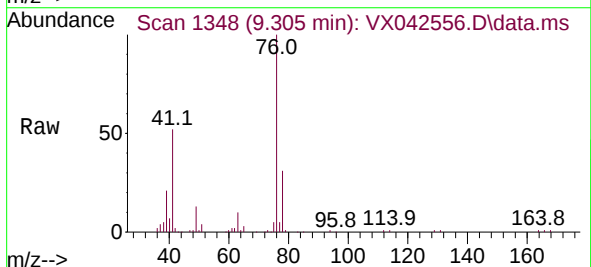
Instrument :
MSVOA_X
ClientSampleId :

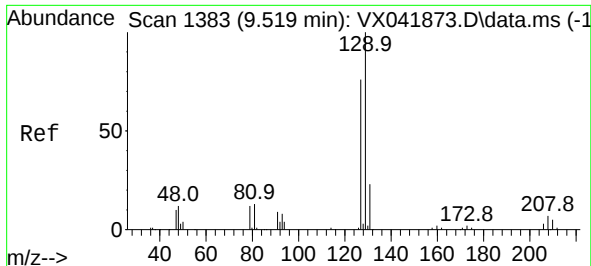
Tgt Ion: 69 Resp: 39455
Ion Ratio Lower Upper
69 100
41 64.0 31.6 94.7
39 30.7 15.3 45.8



#52
1,3-Dichloropropane
Concen: 20.107 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 76 Resp: 43656
Ion Ratio Lower Upper
76 100
78 31.9 0.0 66.0





#53

Dibromochloromethane

Concen: 20.107 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

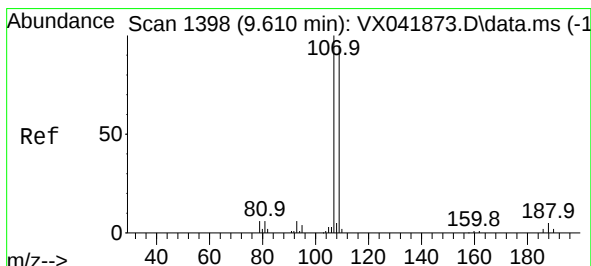
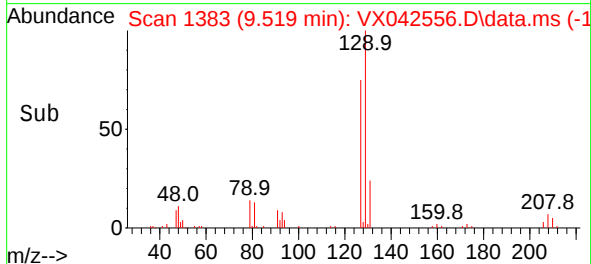
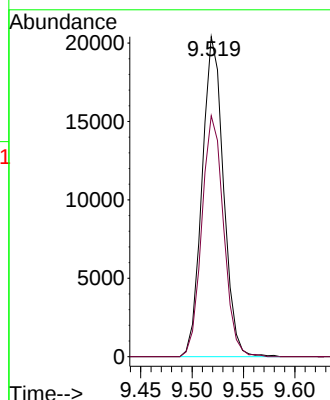
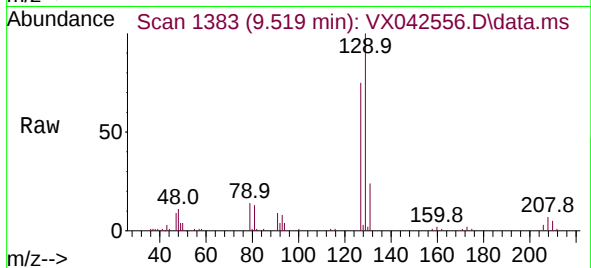
ClientSampleId :

Tgt Ion:129 Resp: 29534

Ion Ratio Lower Upper

129 100

127 76.3 38.8 116.4



#54

1,2-Dibromoethane

Concen: 20.430 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX042556.D

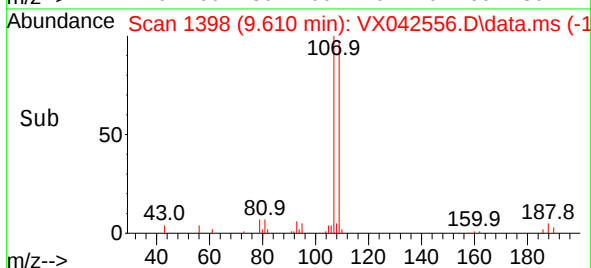
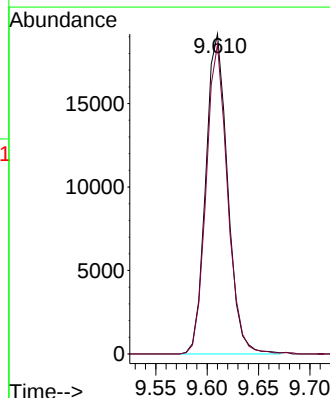
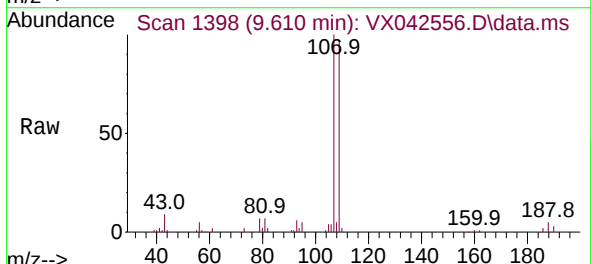
Acq: 25 Jul 2024 10:16

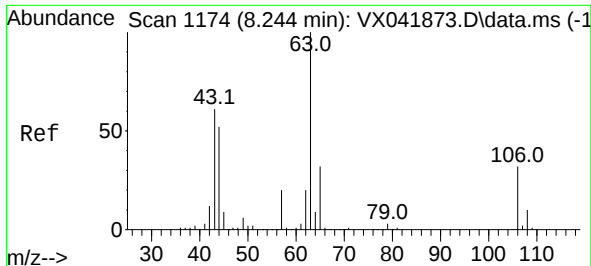
Tgt Ion:107 Resp: 28399

Ion Ratio Lower Upper

107 100

109 94.7 75.7 113.5

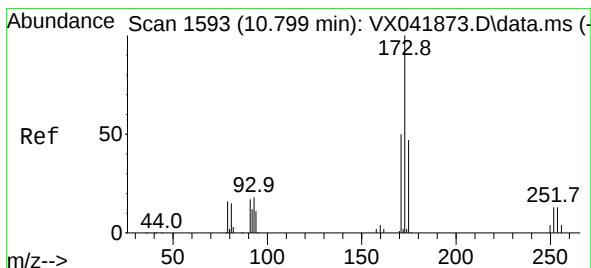
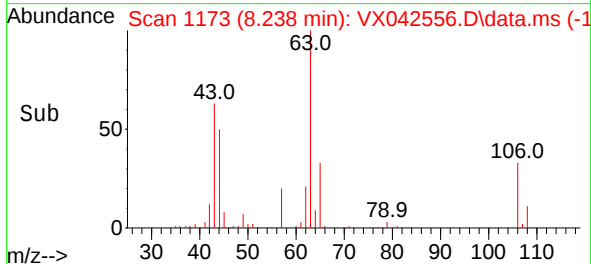
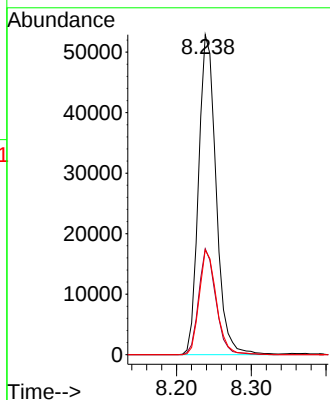
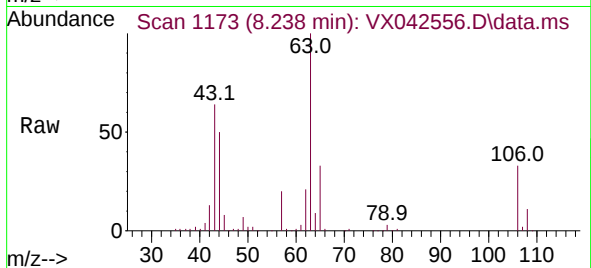




#55
2-Chloroethyl vinyl ether
Concen: 84.965 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

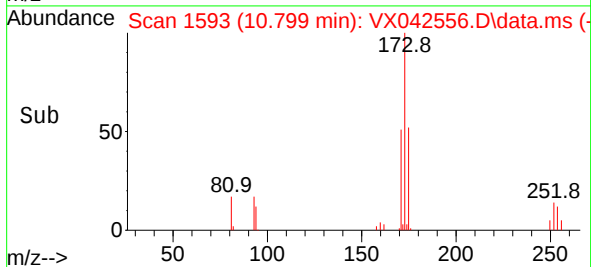
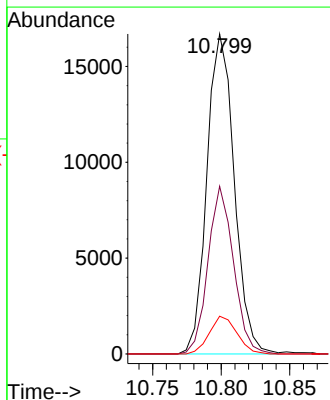
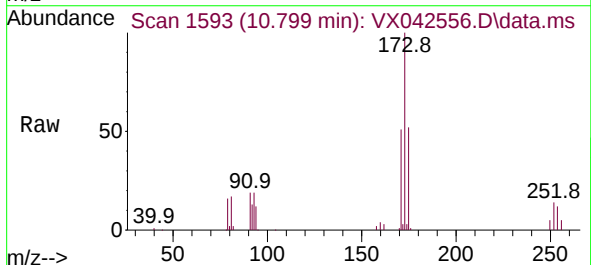
Instrument :
MSVOA_X
ClientSampleId :

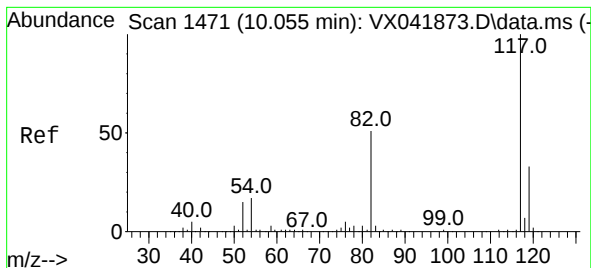
Tgt Ion: 63 Resp: 86080
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 32.1 25.3 37.9



#56
Bromoform
Concen: 19.584 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

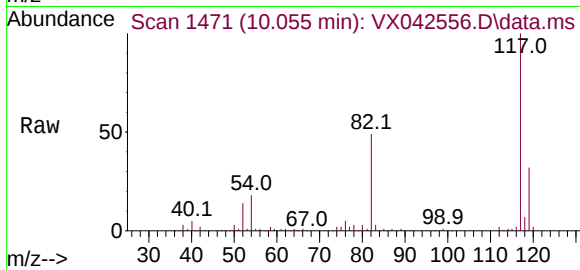
Tgt Ion:173 Resp: 23181
Ion Ratio Lower Upper
173 100
175 48.9 39.3 58.9
254 11.9 9.6 14.4



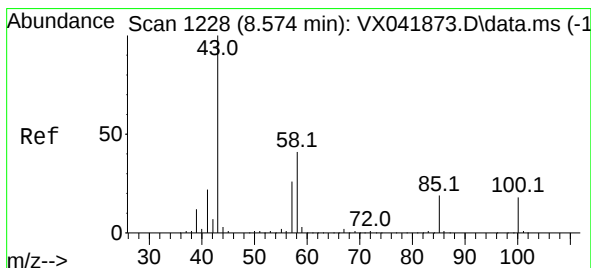
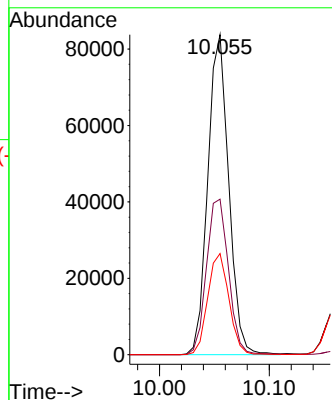
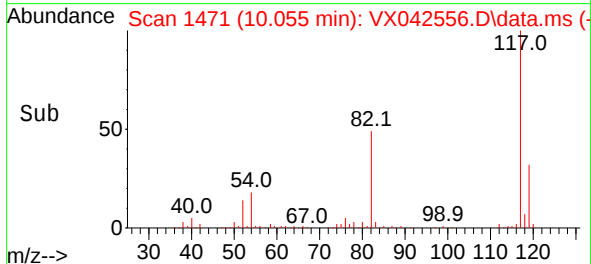


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :

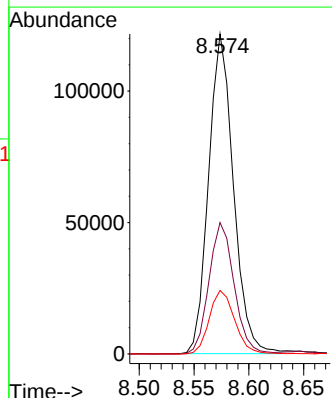
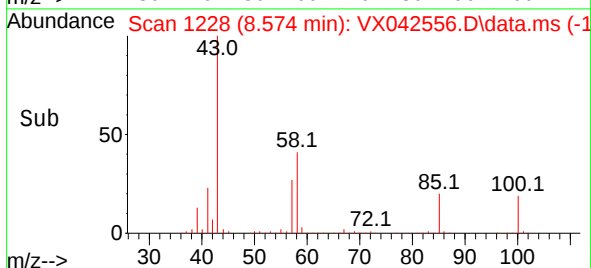
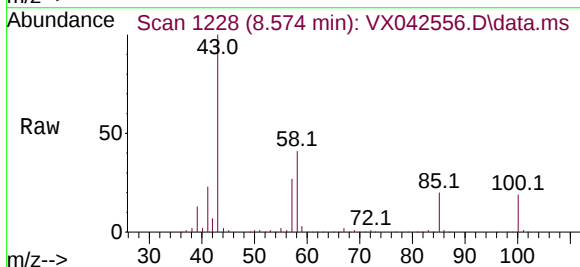


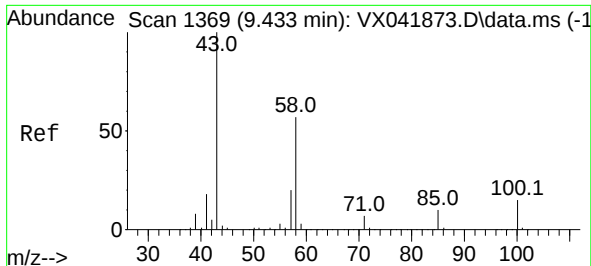
Tgt Ion:117 Resp: 111123
Ion Ratio Lower Upper
117 100
82 51.2 41.1 61.7
119 32.0 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 97.938 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 43 Resp: 191804
Ion Ratio Lower Upper
43 100
58 41.6 33.2 49.8
85 20.4 15.5 23.3





#59

2-Hexanone

Concen: 98.072 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

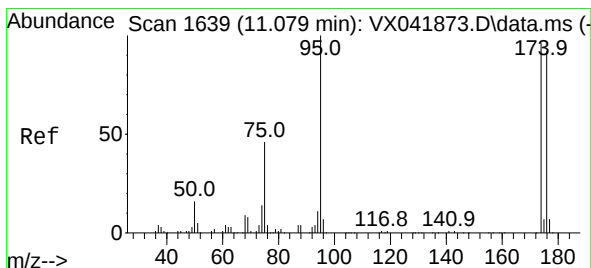
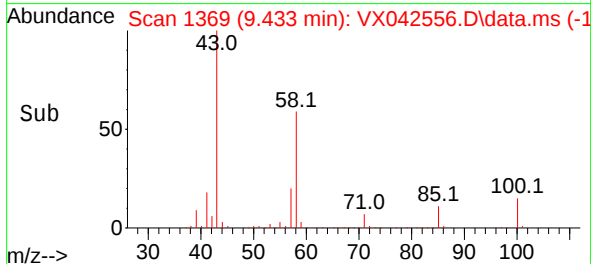
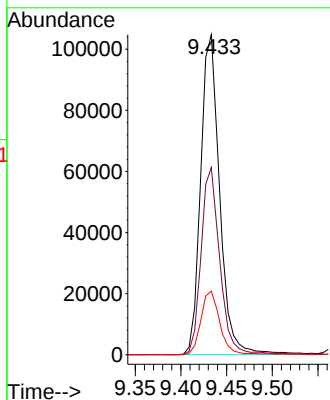
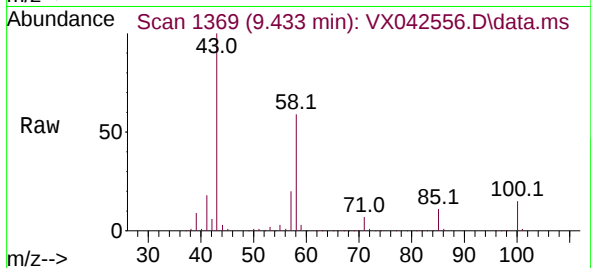
Tgt Ion: 43 Resp: 150435

Ion Ratio Lower Upper

43 100

58 56.9 46.0 69.0

57 19.5 15.8 23.6



#60

4-Bromofluorobenzene

Concen: 29.622 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

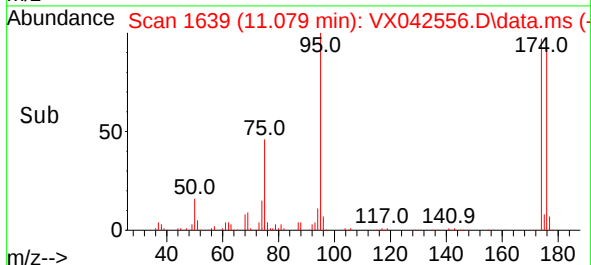
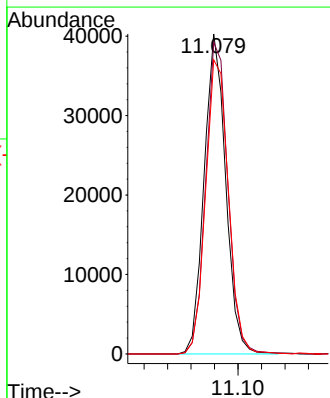
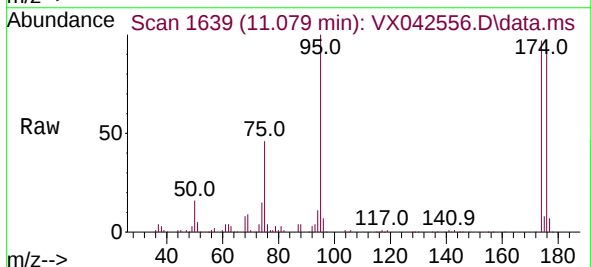
Tgt Ion: 95 Resp: 51215

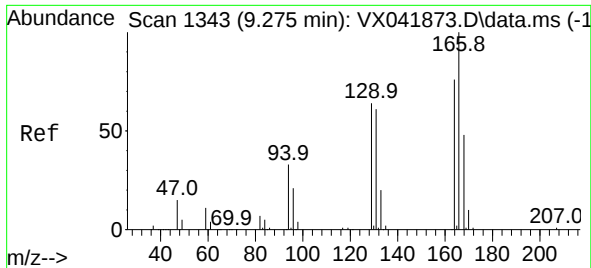
Ion Ratio Lower Upper

95 100

174 100.5 78.9 118.3

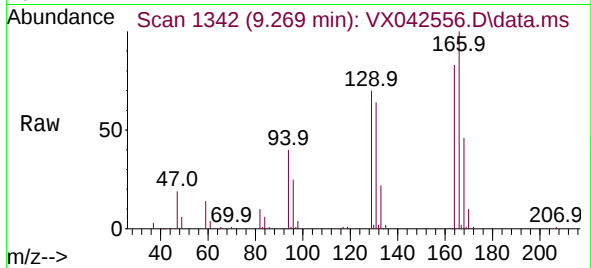
176 97.3 77.1 115.7



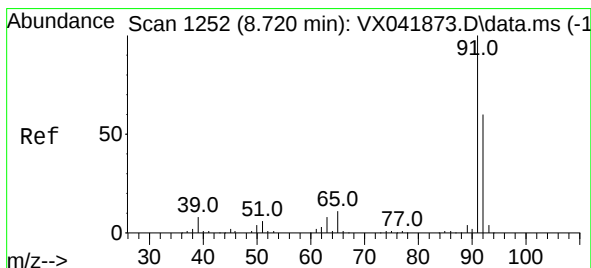
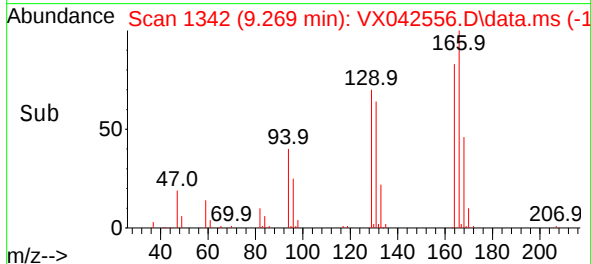
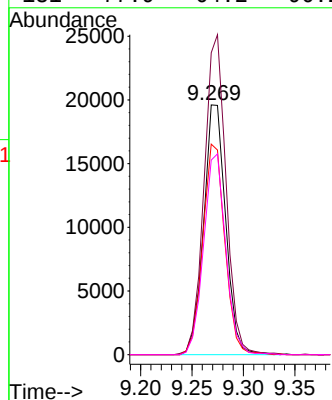


#61
Tetrachloroethene
Concen: 21.775 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :

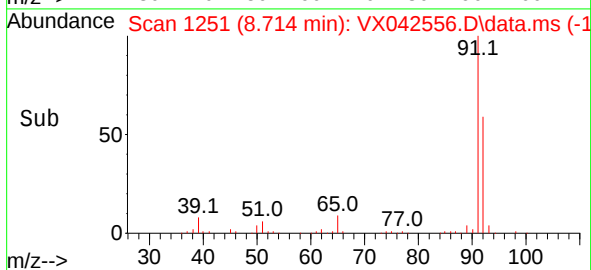
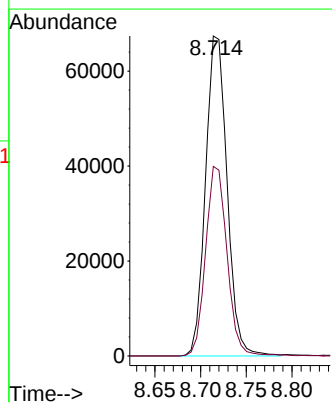
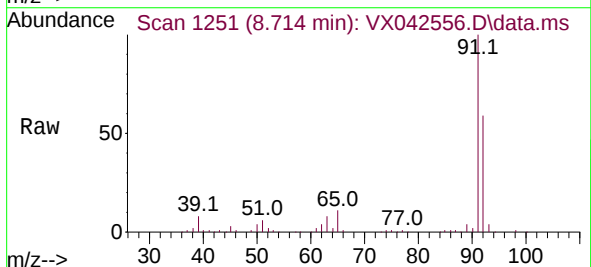


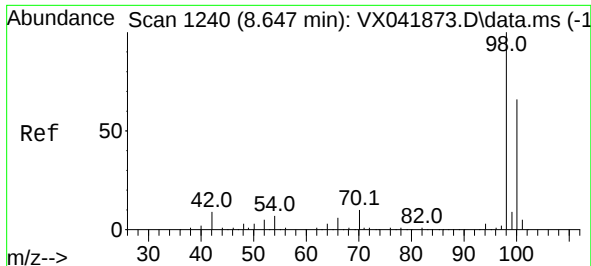
Tgt Ion:164 Resp: 29354
Ion Ratio Lower Upper
164 100
166 120.5 105.0 157.6
129 84.3 67.1 100.7
131 77.9 64.2 96.2



#62
Toluene
Concen: 19.857 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 91 Resp: 110316
Ion Ratio Lower Upper
91 100
92 59.0 47.4 71.2





#63

Toluene-d8

Concen: 30.174 ug/l

RT: 8.647 min Scan# 145656

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

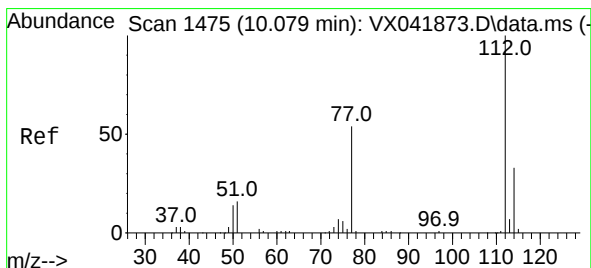
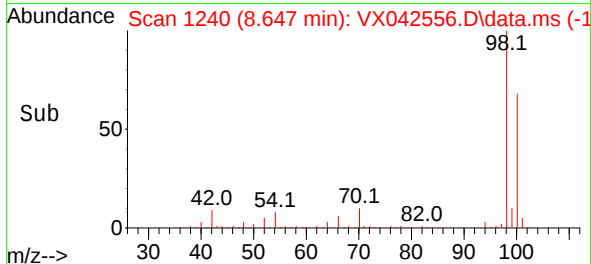
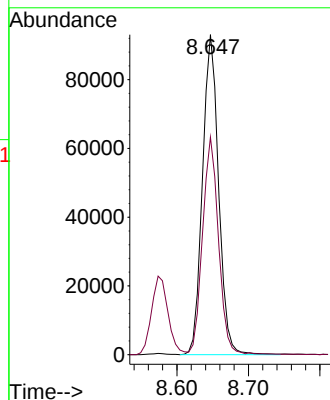
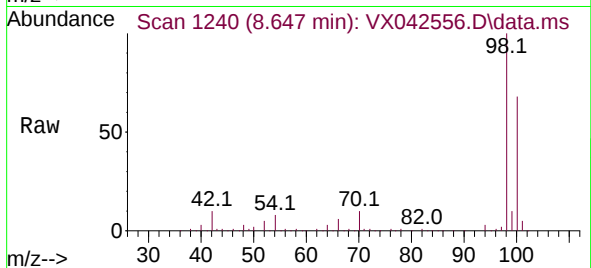
ClientSampleId :

Tgt Ion: 98 Resp: 145656

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1



#64

Chlorobenzene

Concen: 20.377 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX042556.D

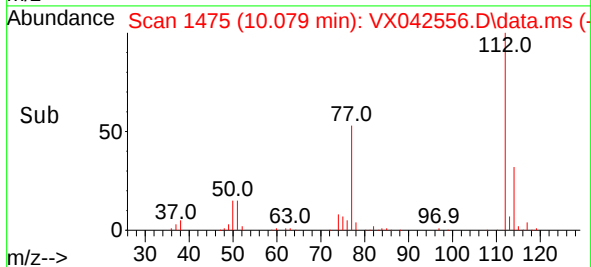
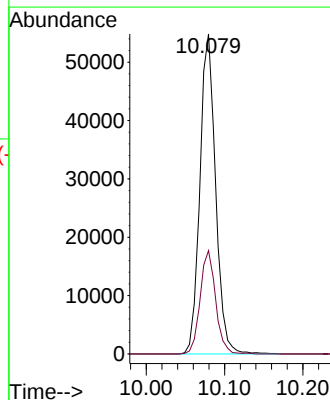
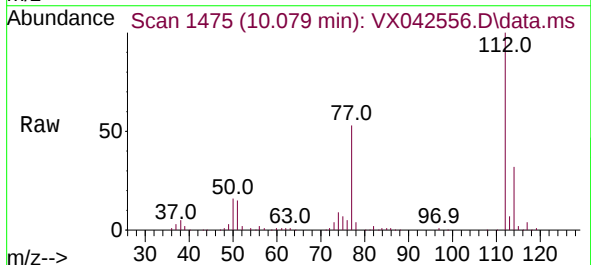
Acq: 25 Jul 2024 10:16

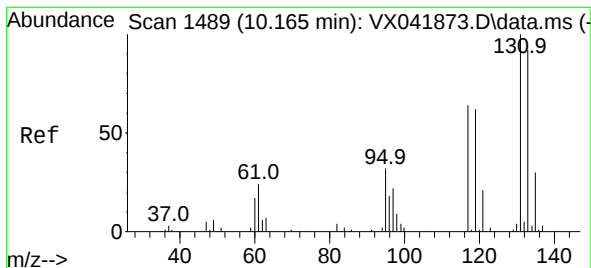
Tgt Ion:112 Resp: 76394

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.4

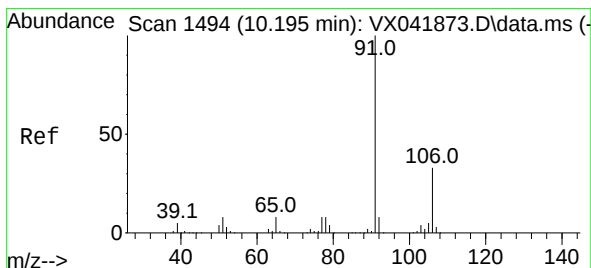
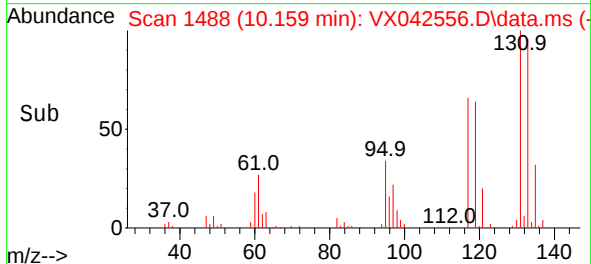
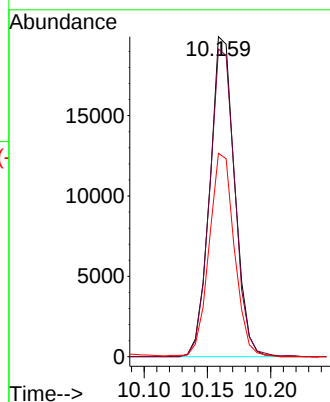
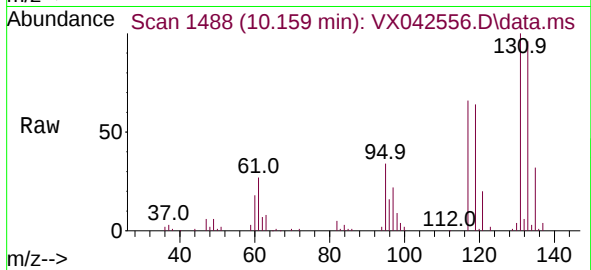




#65
1,1,1,2-Tetrachloroethane
Concen: 20.178 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

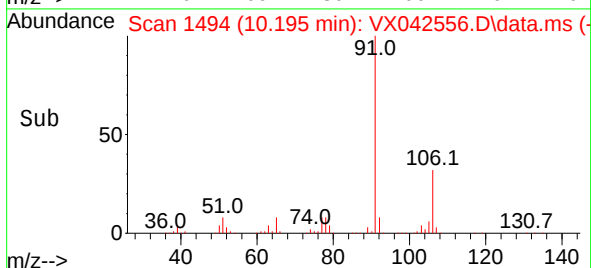
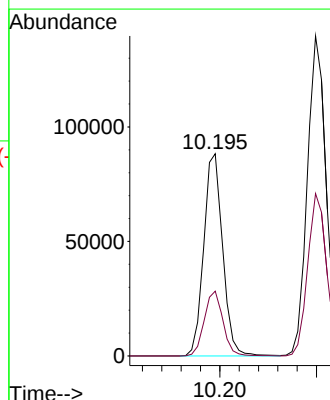
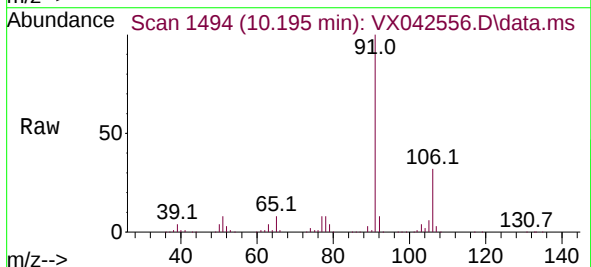
Instrument :
MSVOA_X
ClientSampleId :

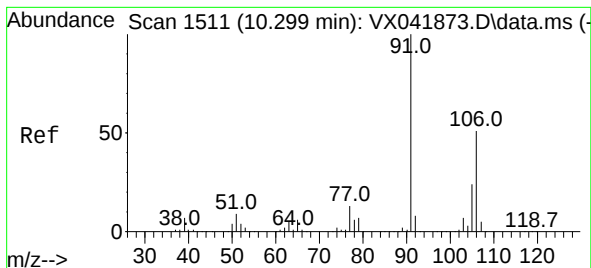
Tgt Ion:131 Resp: 27222
Ion Ratio Lower Upper
131 100
133 97.6 0.0 194.8
119 64.4 0.0 127.6



#66
Ethyl Benzene
Concen: 19.904 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 91 Resp: 120508
Ion Ratio Lower Upper
91 100
106 32.0 26.4 39.6

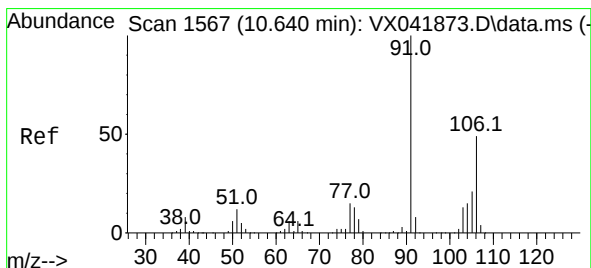
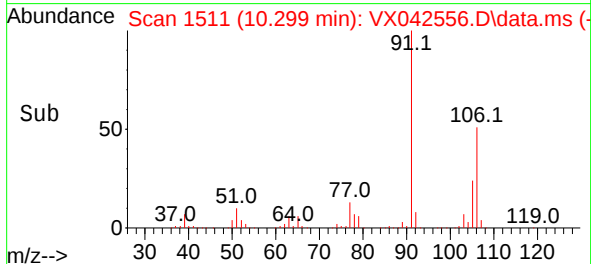
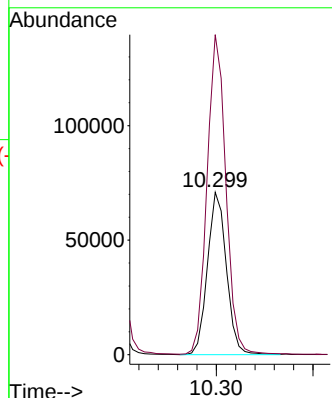
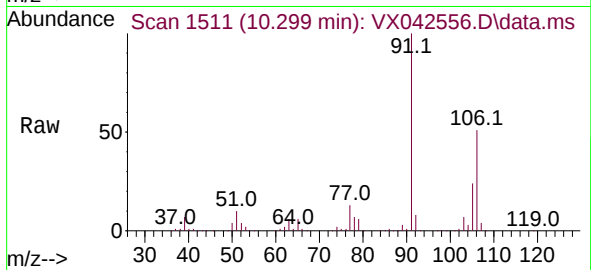




#67
m/p-Xylenes
Concen: 39.984 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

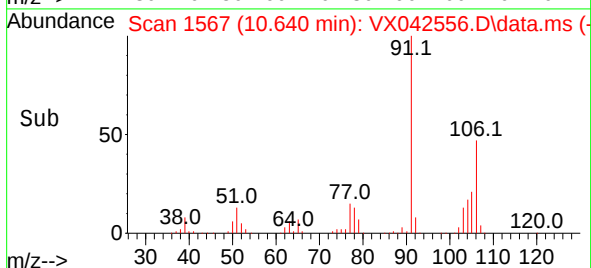
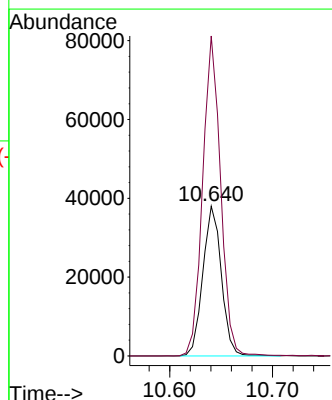
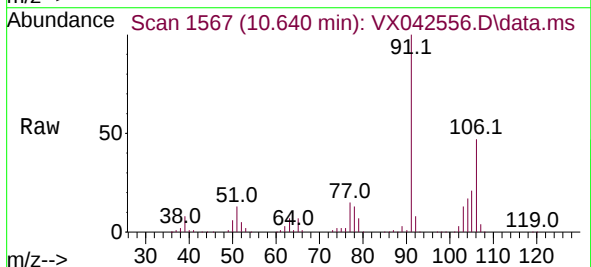
Instrument :
MSVOA_X
ClientSampleId :

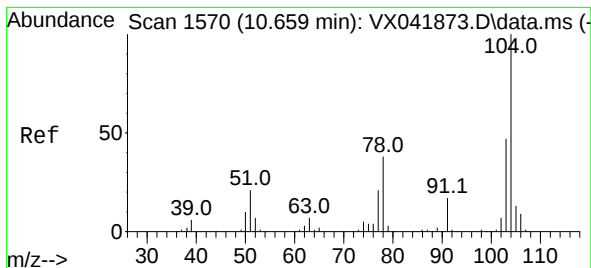
Tgt Ion:106 Resp: 96783
Ion Ratio Lower Upper
106 100
91 195.7 157.0 235.6



#68
o-Xylene
Concen: 19.831 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion:106 Resp: 47772
Ion Ratio Lower Upper
106 100
91 206.7 103.2 309.6





#69

Styrene

Concen: 19.828 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

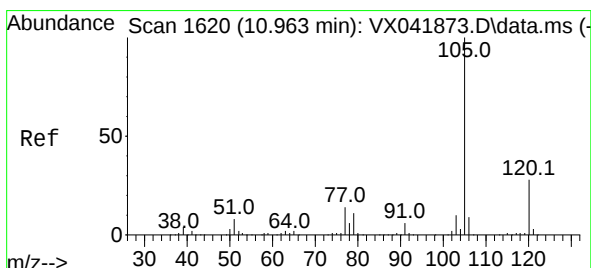
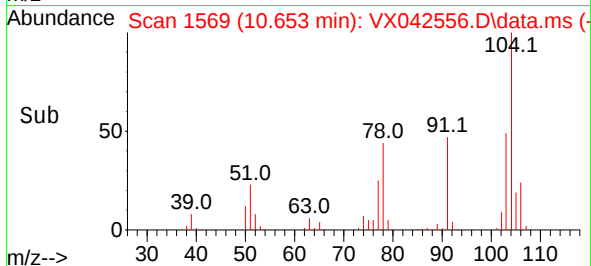
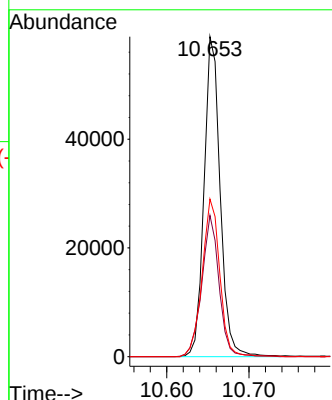
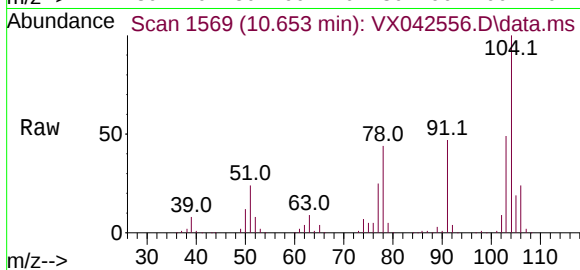
Tgt Ion:104 Resp: 80335

Ion Ratio Lower Upper

104 100

78 47.2 36.5 54.7

103 53.7 43.4 65.2



#70

Isopropylbenzene

Concen: 20.479 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042556.D

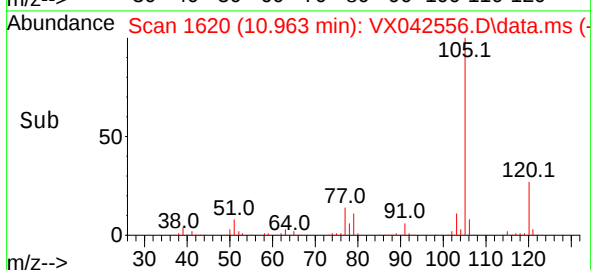
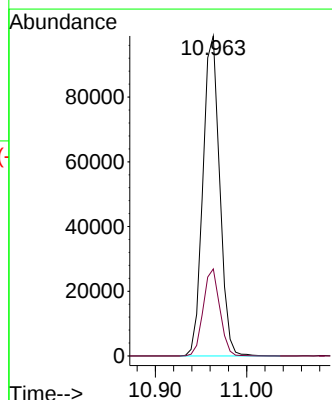
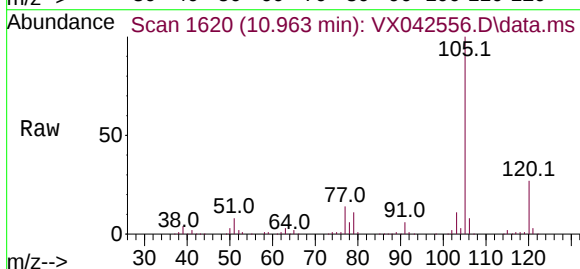
Acq: 25 Jul 2024 10:16

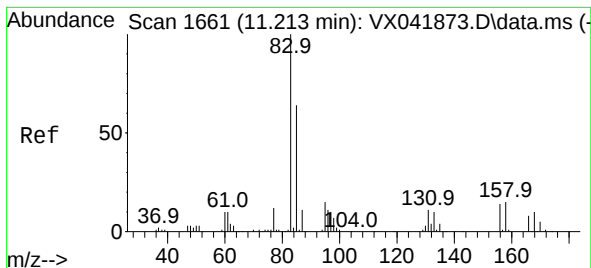
Tgt Ion:105 Resp: 125778

Ion Ratio Lower Upper

105 100

120 26.9 19.2 35.6





#71

1,1,2,2-Tetrachloroethane

Concen: 19.970 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

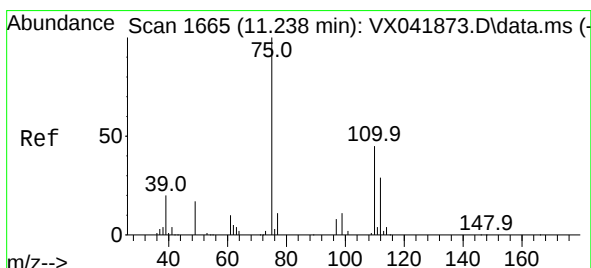
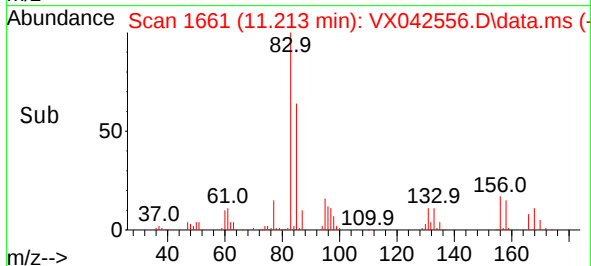
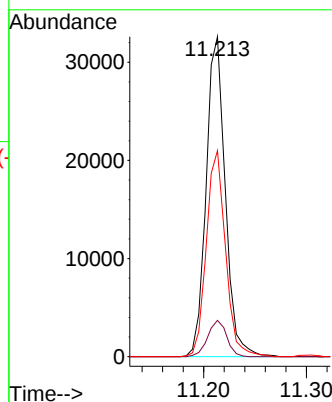
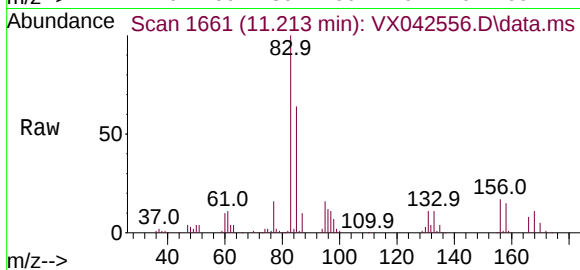
Tgt Ion: 83 Resp: 42208

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.7

85 64.6 32.6 97.7



#72

1,2,3-Trichloropropane

Concen: 26.872 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042556.D

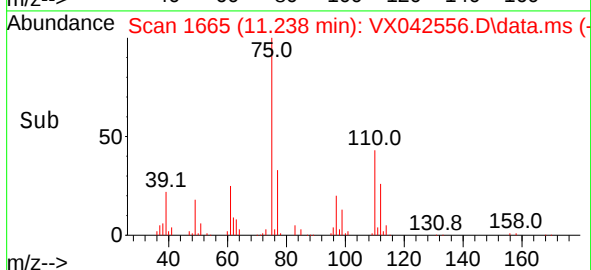
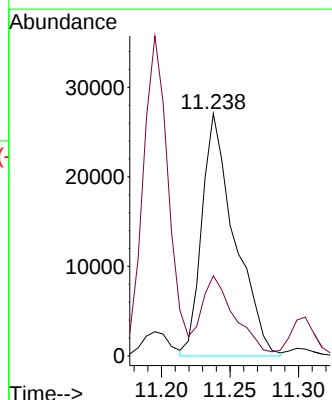
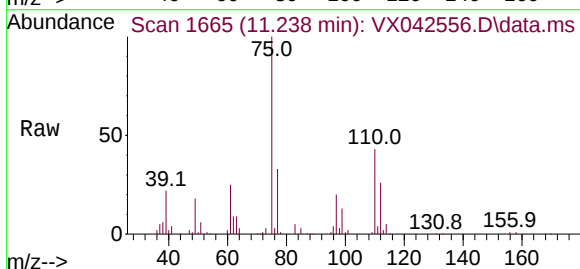
Acq: 25 Jul 2024 10:16

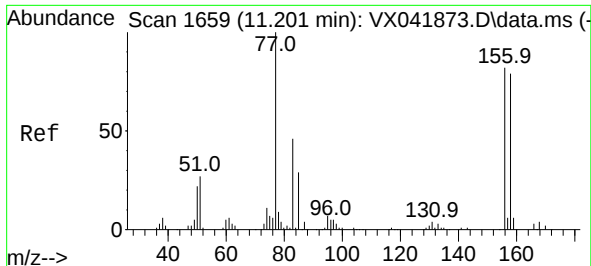
Tgt Ion: 75 Resp: 45096

Ion Ratio Lower Upper

75 100

77 33.7 0.0 79.6

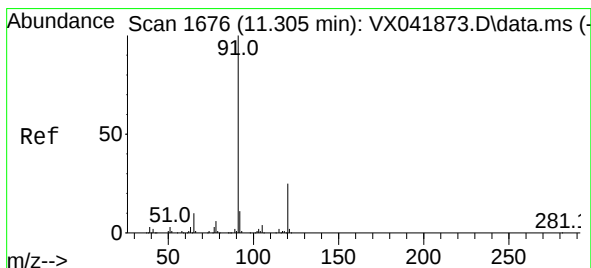
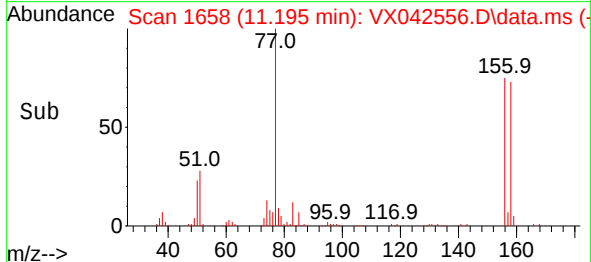
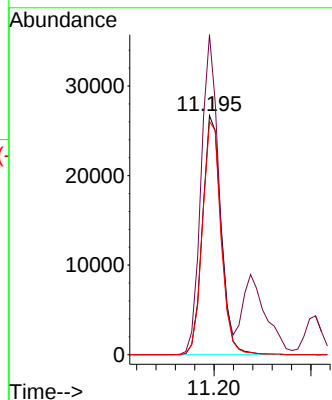
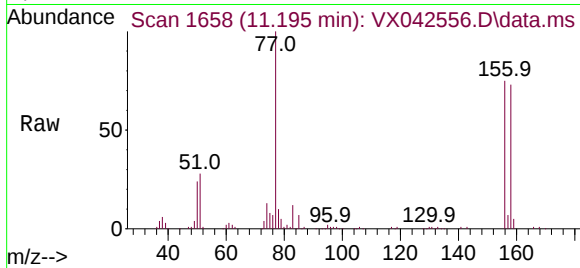




#73
Bromobenzene
Concen: 20.554 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

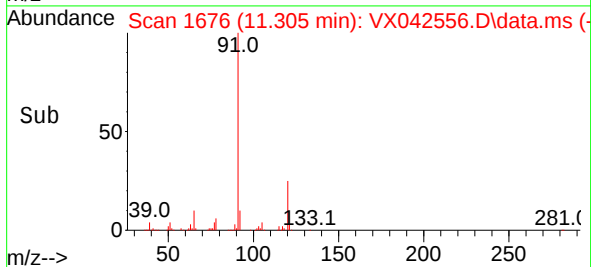
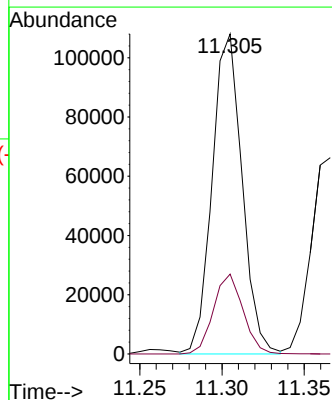
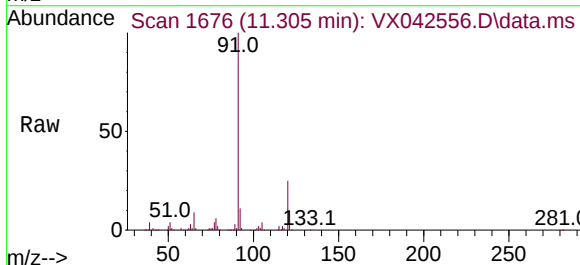
Instrument :
MSVOA_X
ClientSampleId :

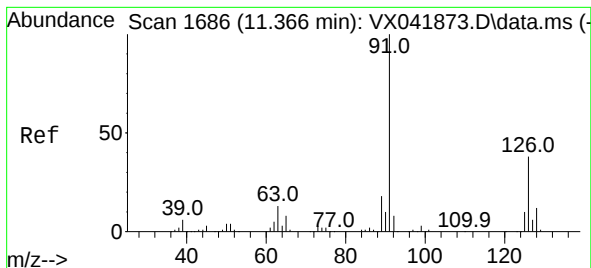
Tgt Ion:156 Resp: 36078
Ion Ratio Lower Upper
156 100
77 127.1 0.0 266.2
158 96.3 0.0 195.2



#74
n-propylbenzene
Concen: 20.140 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 91 Resp: 136656
Ion Ratio Lower Upper
91 100
120 24.7 0.0 49.6





#75

2-Chlorotoluene

Concen: 20.244 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

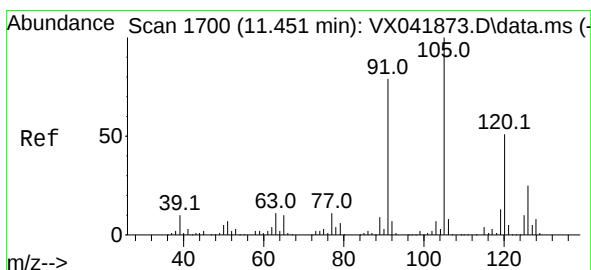
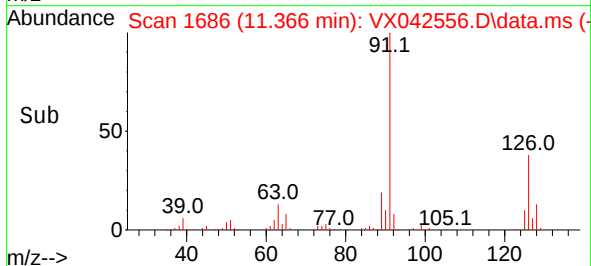
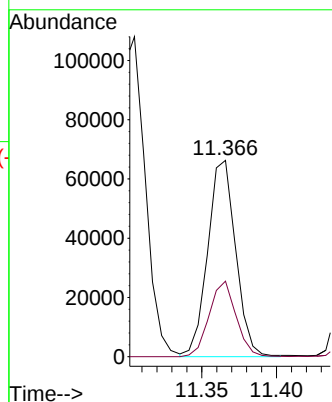
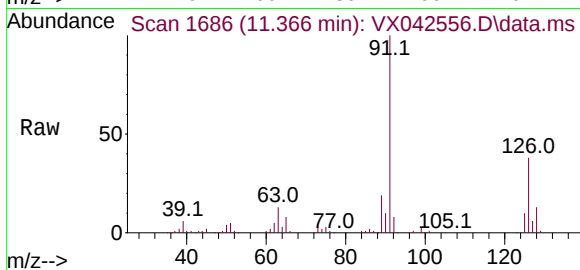
ClientSampleId :

Tgt Ion: 91 Resp: 86384

Ion Ratio Lower Upper

91 100

126 37.0 0.0 72.6



#76

1,3,5-Trimethylbenzene

Concen: 20.624 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042556.D

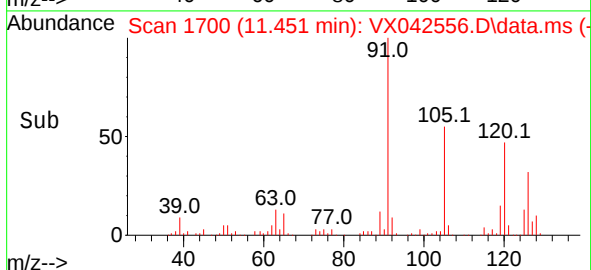
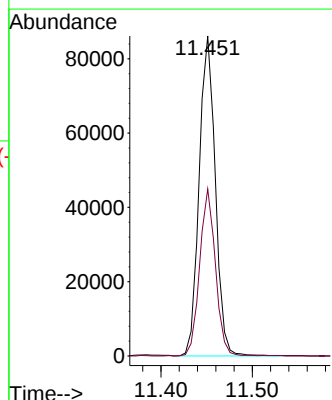
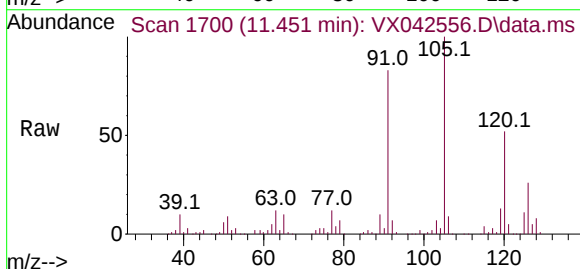
Acq: 25 Jul 2024 10:16

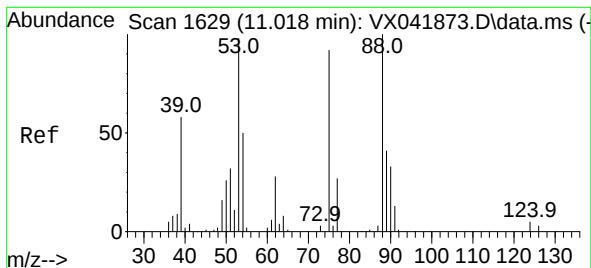
Tgt Ion:105 Resp: 105827

Ion Ratio Lower Upper

105 100

120 50.7 0.0 103.0

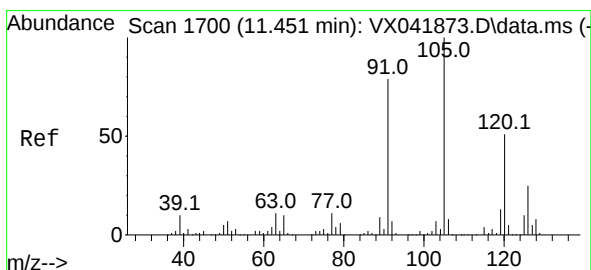
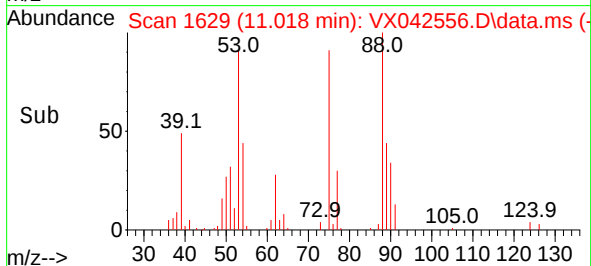
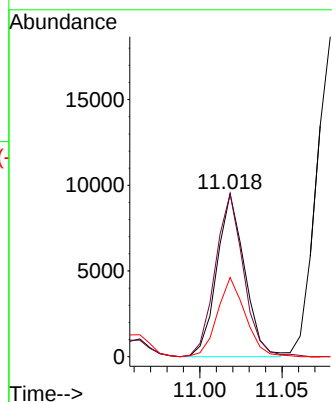
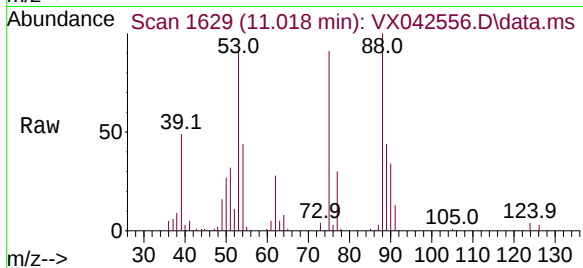




#77
t-1,4-Dichloro-2-butene
Concen: 18.182 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

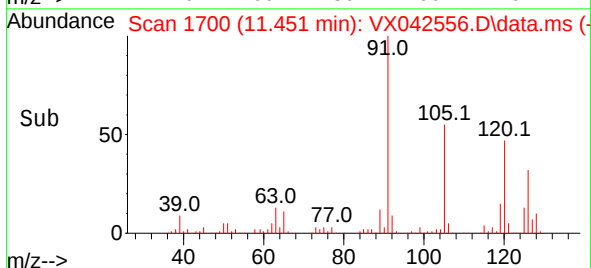
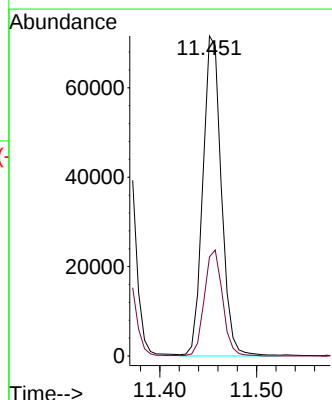
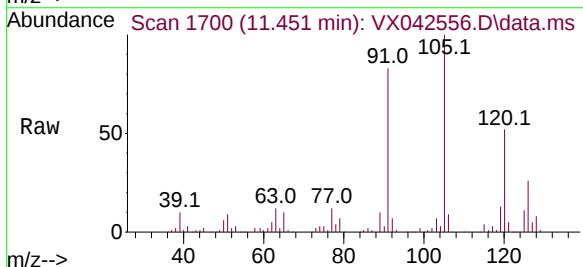
Instrument :
MSVOA_X
ClientSampleId :

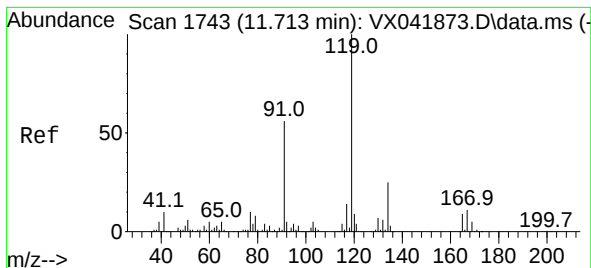
Tgt Ion: 75 Resp: 11191
Ion Ratio Lower Upper
75 100
53 99.9 53.4 160.2
89 48.6 22.5 67.5



#78
4-Chlorotoluene
Concen: 20.079 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion: 91 Resp: 95443
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.8





#79

tert-butylbenzene

Concen: 20.475 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

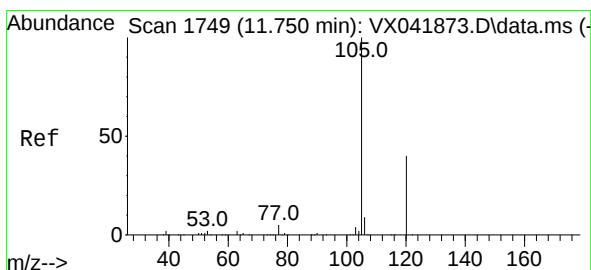
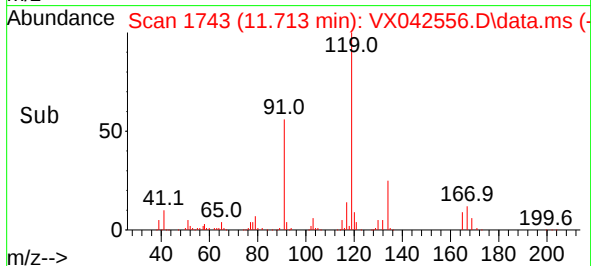
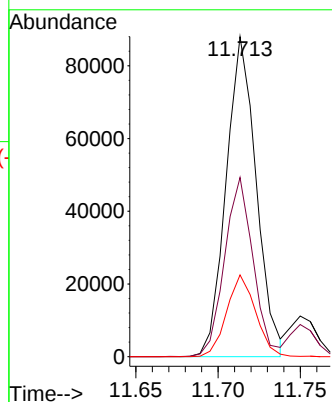
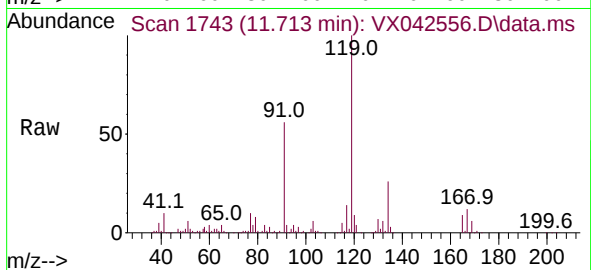
Tgt Ion:119 Resp: 112155

Ion Ratio Lower Upper

119 100

91 53.2 0.0 106.0

134 24.6 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 20.394 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042556.D

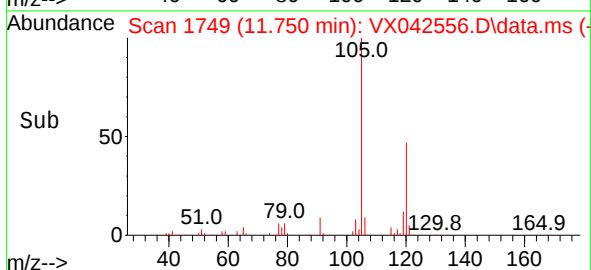
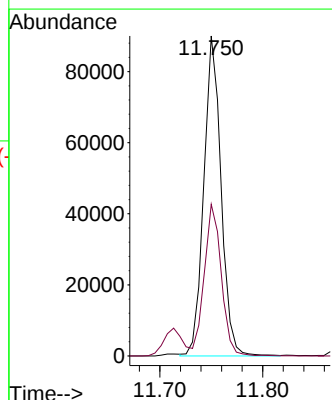
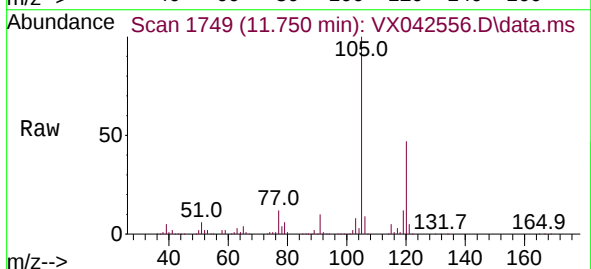
Acq: 25 Jul 2024 10:16

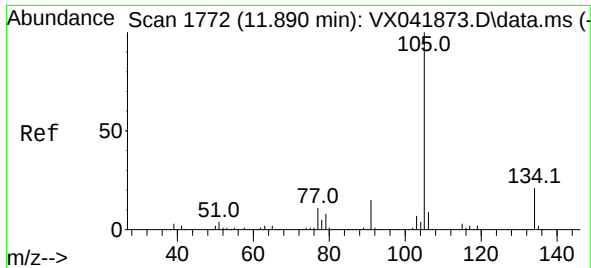
Tgt Ion:105 Resp: 105298

Ion Ratio Lower Upper

105 100

120 46.2 0.0 96.2

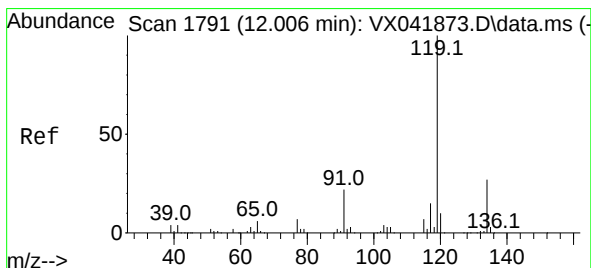
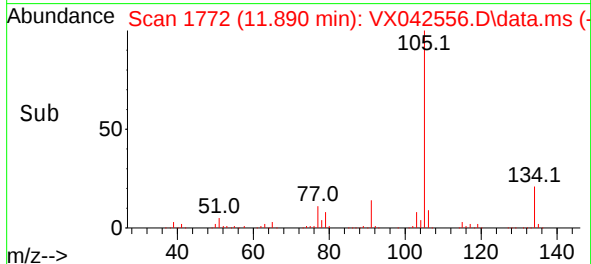
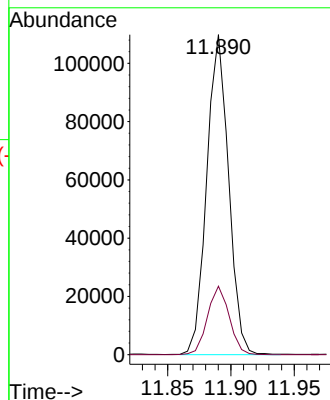
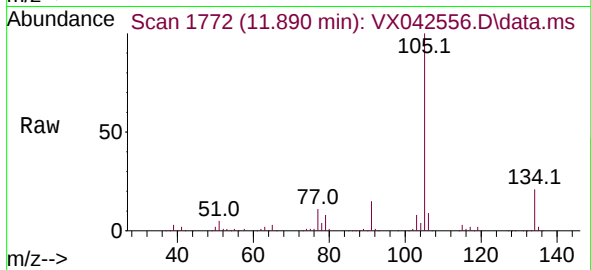




#81
sec-Butylbenzene
Concen: 20.407 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

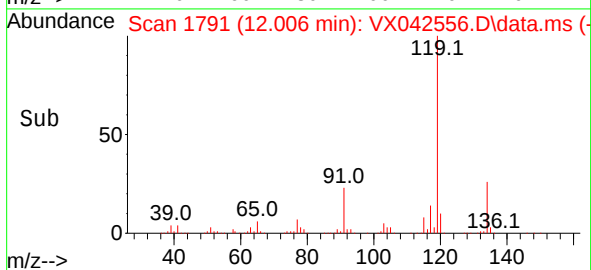
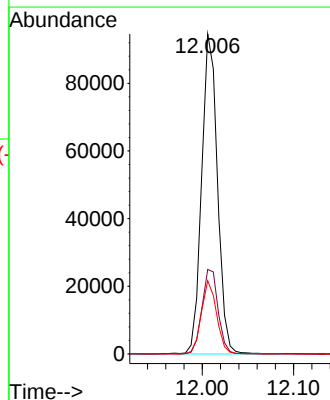
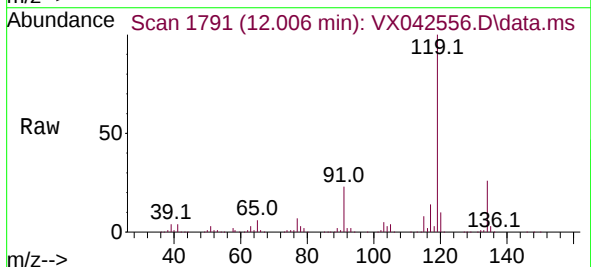
Instrument :
MSVOA_X
ClientSampleId :

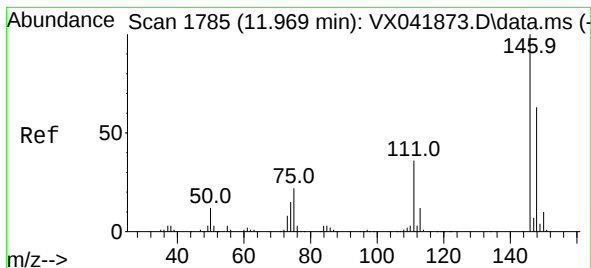
Tgt Ion:105 Resp: 132087
Ion Ratio Lower Upper
105 100
134 21.2 0.0 43.2



#82
p-Isopropyltoluene
Concen: 20.237 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX042556.D
Acq: 25 Jul 2024 10:16

Tgt Ion:119 Resp: 113505
Ion Ratio Lower Upper
119 100
134 27.0 0.0 54.0
91 22.1 0.0 42.2





#83

1,3-Dichlorobenzene

Concen: 20.174 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

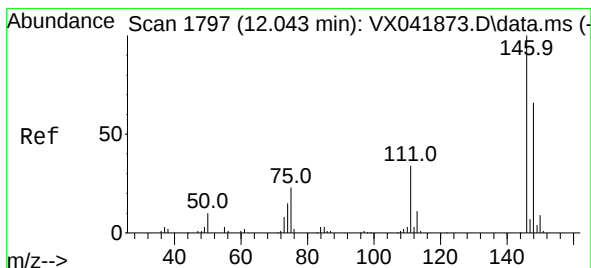
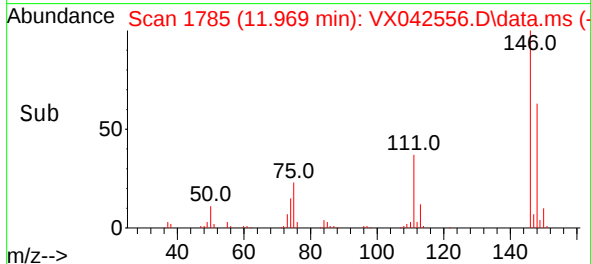
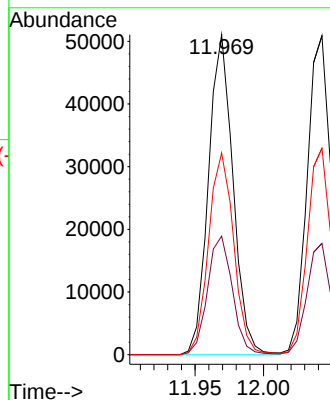
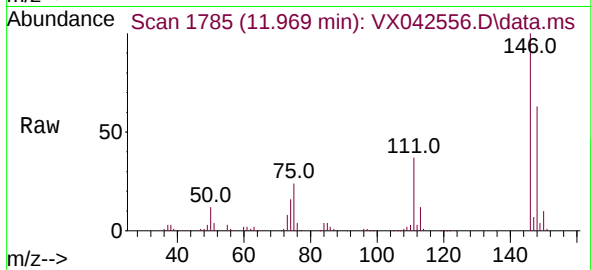
Tgt Ion:146 Resp: 63606

Ion Ratio Lower Upper

146 100

111 37.6 18.0 54.0

148 64.8 31.9 95.7



#84

1,4-Dichlorobenzene

Concen: 20.239 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

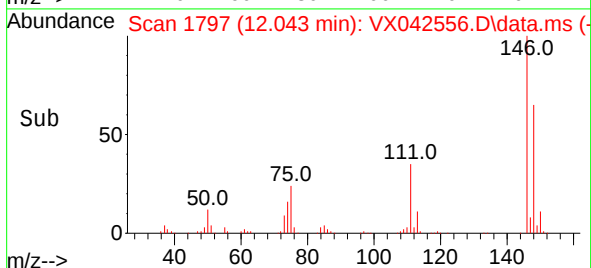
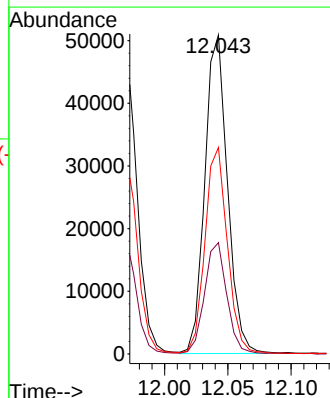
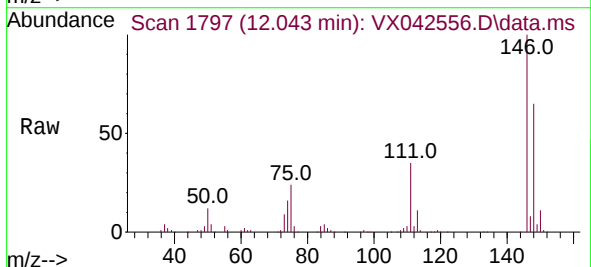
Tgt Ion:146 Resp: 63381

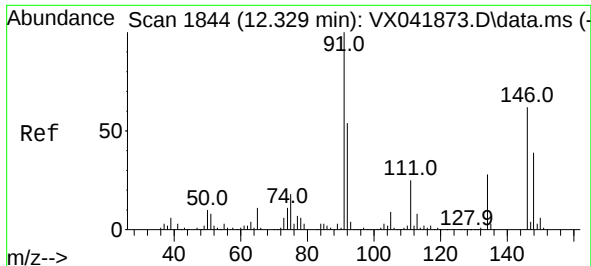
Ion Ratio Lower Upper

146 100

111 34.5 17.4 52.3

148 64.4 32.3 96.9





#85

n-Butylbenzene

Concen: 19.435 ug/l

RT: 12.329 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

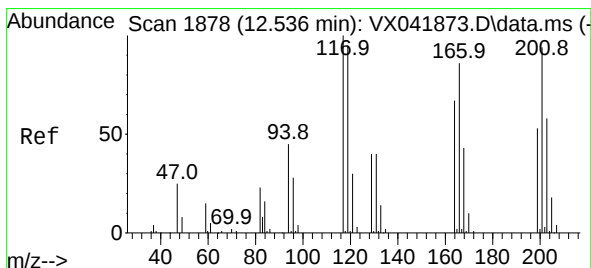
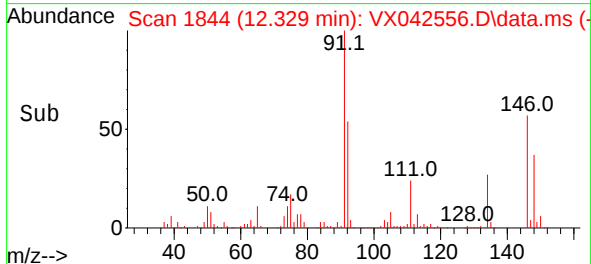
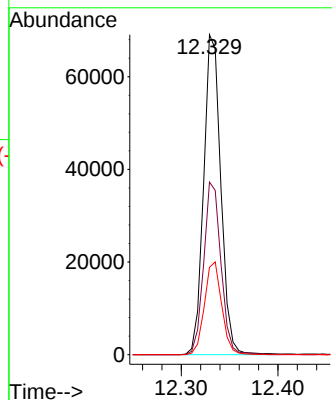
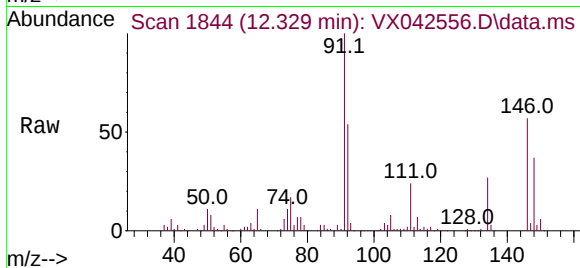
Tgt Ion: 91 Resp: 85612

Ion Ratio Lower Upper

91 100

92 54.2 0.0 109.8

134 29.1 0.0 58.4



#86

Hexachloroethane

Concen: 19.002 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX042556.D

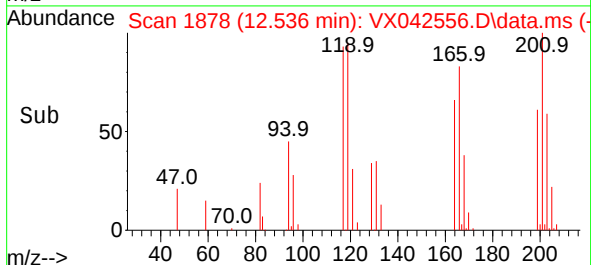
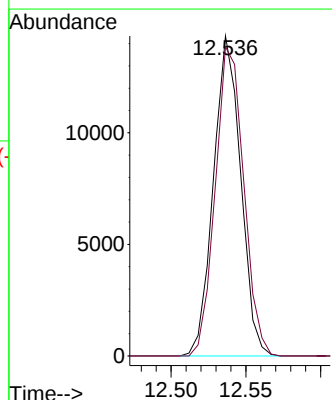
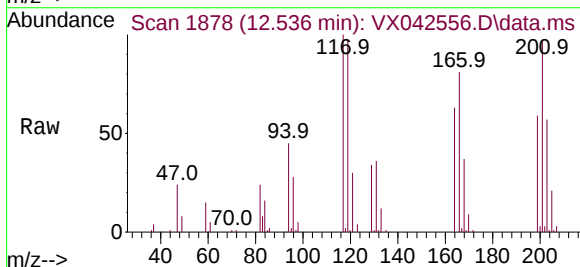
Acq: 25 Jul 2024 10:16

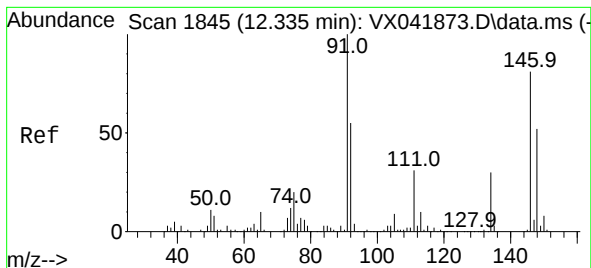
Tgt Ion: 117 Resp: 18123

Ion Ratio Lower Upper

117 100

201 101.1 48.9 146.8





#87

1,2-Dichlorobenzene

Concen: 20.096 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

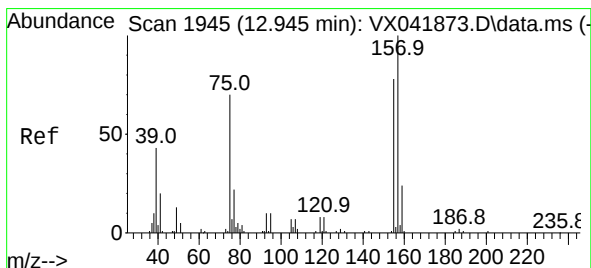
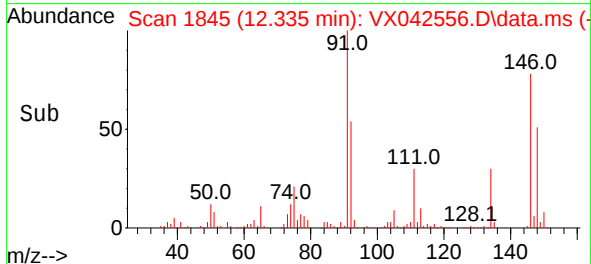
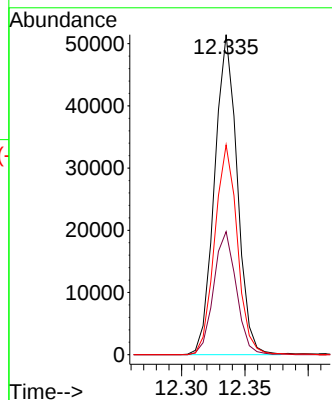
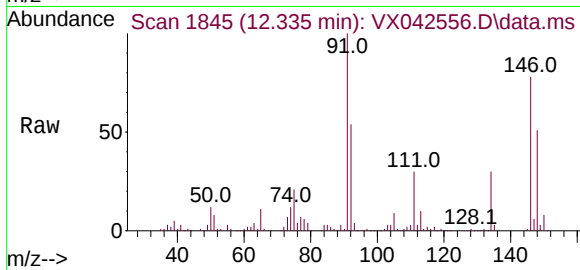
Tgt Ion:146 Resp: 64039

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.3

148 65.5 32.4 97.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.416 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

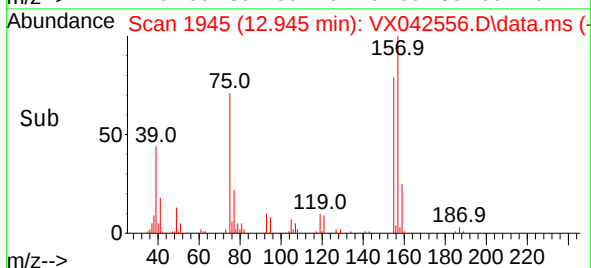
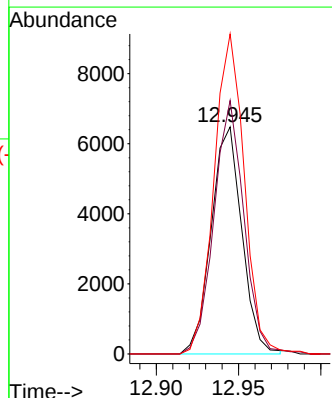
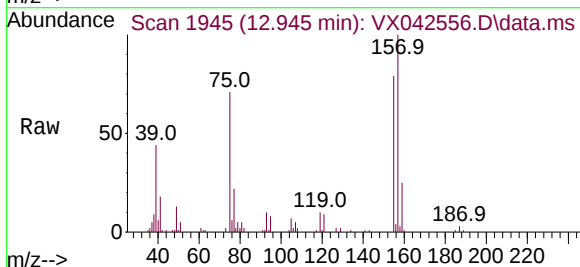
Tgt Ion: 75 Resp: 8407

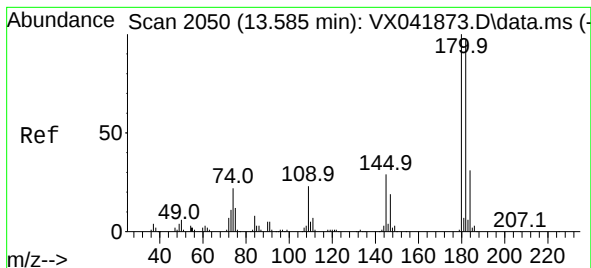
Ion Ratio Lower Upper

75 100

155 109.1 88.6 133.0

157 139.2 112.8 169.2





#89

1,2,4-Trichlorobenzene

Concen: 19.693 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042556.D

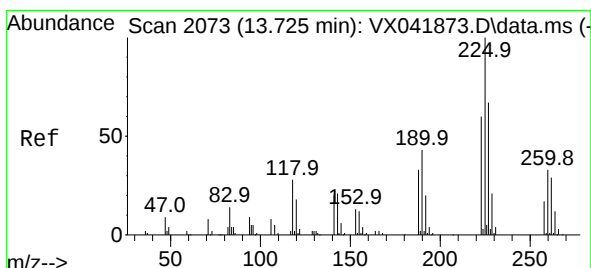
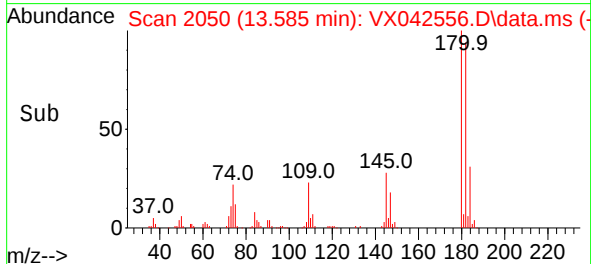
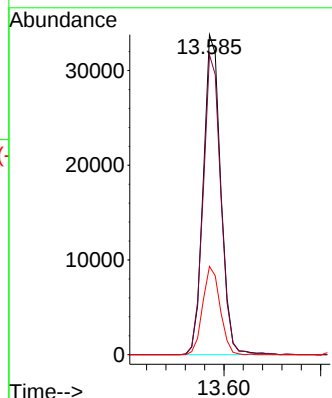
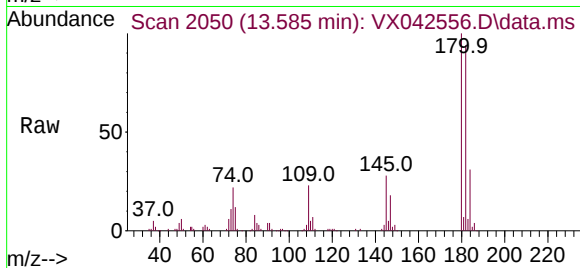
Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	180	Resp:	42485
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.9	115.3
145	27.4	22.8	34.2



#90

Hexachlorobutadiene

Concen: 21.362 ug/l

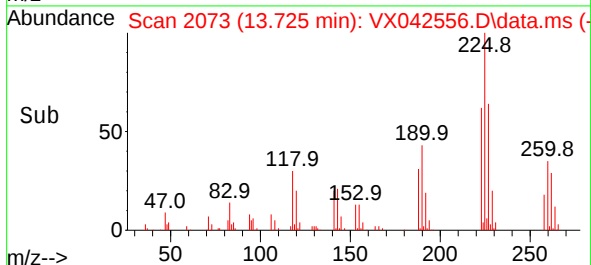
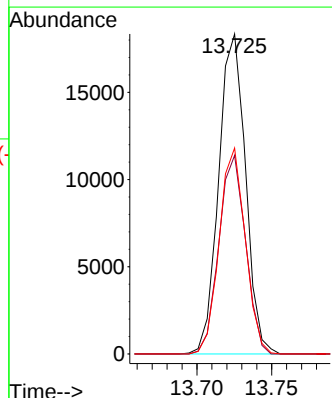
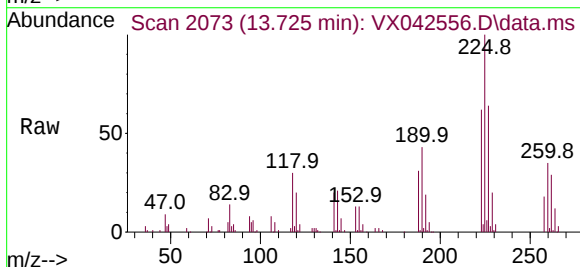
RT: 13.725 min Scan# 2073

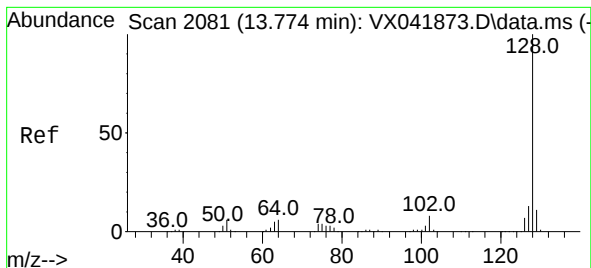
Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Tgt Ion:	225	Resp:	22871
Ion Ratio	Lower	Upper	
225	100		
223	61.6	0.0	120.8
227	62.5	0.0	126.6





#91

Naphthalene

Concen: 19.550 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

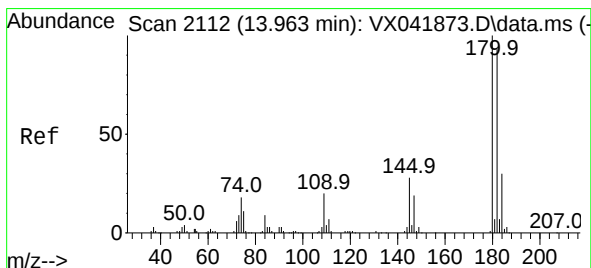
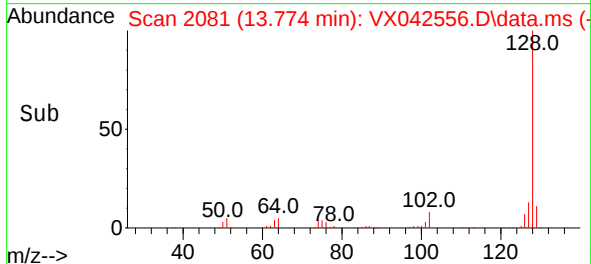
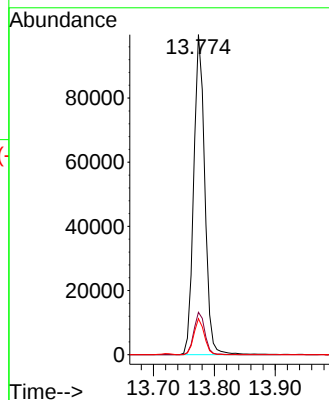
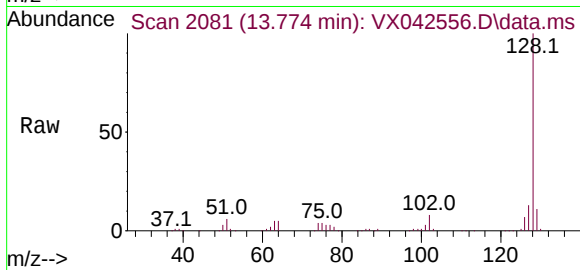
Tgt Ion:128 Resp: 125771

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.7 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 20.279 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042556.D

Acq: 25 Jul 2024 10:16

Tgt Ion:180 Resp: 45064

Ion Ratio Lower Upper

180 100

182 95.7 0.0 187.8

145 28.7 0.0 58.4

