

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042674.D
 Acq On : 28 Jul 2024 05:36
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 29 04:28:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 29 03:03:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	168529	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	154779	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70476	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	39261	38.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.700%
7) Chloroethane-d5	1.648	69	17876	42.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.740%
11) 1,1-Dichloroethene-d2	2.294	65	20907	41.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.880%
21) 2-Butanone-d5	4.464	46	71670	94.445	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.450%
24) Chloroform-d	5.056	84	106228	47.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.952	65	66721	46.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
32) Benzene-d6	5.970	84	195205	45.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
36) 1,2-Dichloropropane-d6	7.312	67	58948	46.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.740%
41) Toluene-d8	8.647	98	176214	45.752	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.500%
43) trans-1,3-Dichloroprop...	8.951	79	25333	42.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.160%
47) 2-Hexanone-d5	9.384	63	54237	95.418	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.420%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	87189	47.631	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.260%
66) 1,2-Dichlorobenzene-d4	12.317	152	62112	46.634	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77879	52.305	ug/L	100
3) Chloromethane	1.294	50	59837	48.598	ug/L	100
5) Vinyl chloride	1.374	62	58381	49.880	ug/L	95
6) Bromomethane	1.599	94	19222	52.490	ug/L	99
8) Chloroethane	1.660	64	21243	49.572	ug/L	92
9) Trichlorofluoromethane	1.873	101	82991	50.095	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	60282	50.637	ug/L	98
12) 1,1-Dichloroethene	2.312	96	56394	51.761	ug/L	97
13) Acetone	2.392	43	52674	88.799	ug/L	96
14) Carbon disulfide	2.501	76	126021	47.373	ug/L	99
15) Methyl Acetate	2.709	43	65800	50.043	ug/L	99
16) Methylene chloride	2.788	84	65941	52.408	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	58528	52.347	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	204083	52.661	ug/L	99
19) 1,1-Dichloroethane	3.605	63	111292	52.134	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	67902	53.170	ug/L	94
22) 2-Butanone	4.568	43	86305	95.532	ug/L	# 48
23) Bromochloromethane	4.903	128	29614	48.970	ug/L	94
25) Chloroform	5.092	83	120423	52.906	ug/L	96

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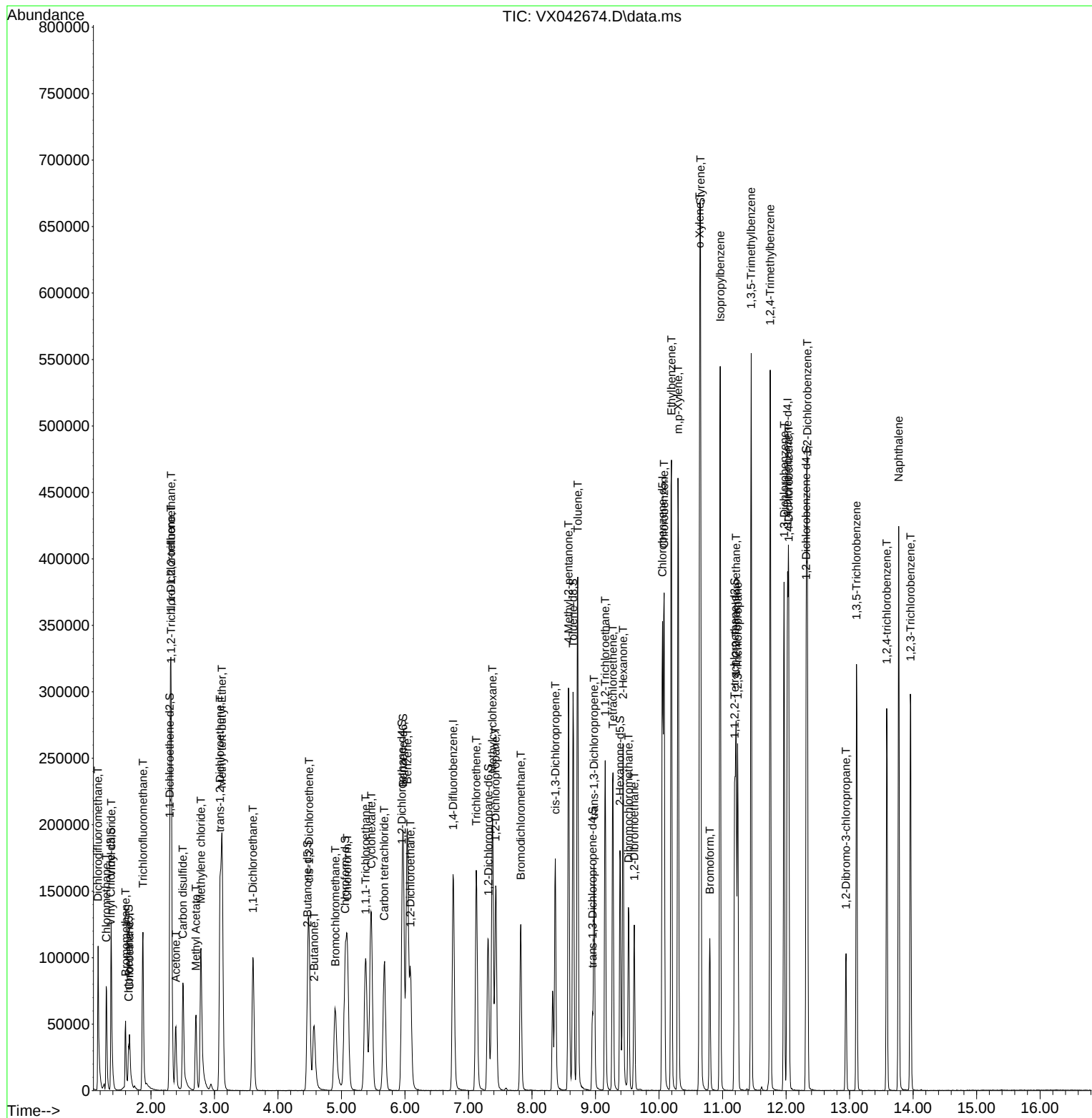
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	95873	53.033	ug/L	98
29) Cyclohexane	5.470	56	90485	49.451	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	103435	52.318	ug/L	99
31) Carbon tetrachloride	5.672	117	86254	51.652	ug/L	98
33) Benzene	6.037	78	246197	51.976	ug/L	100
34) Trichloroethene	7.123	95	65719	51.932	ug/L	95
35) Methylcyclohexane	7.379	83	96632	50.451	ug/L	99
37) 1,2-Dichloropropane	7.427	63	60263	48.953	ug/L	97
38) Bromodichloromethane	7.824	83	82504	51.854	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	91591	48.471	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	169595	100.133	ug/L	98
42) Toluene	8.720	91	256189	52.512	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	83871	48.965	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	66294	53.319	ug/L	95
46) Tetrachloroethene	9.275	164	45343	52.539	ug/L	95
48) 2-Hexanone	9.433	43	129983	98.678	ug/L	96
49) Dibromochloromethane	9.518	129	61516	52.984	ug/L	98
50) 1,2-Dibromoethane	9.610	107	67315	52.055	ug/L	100
51) Chlorobenzene	10.079	112	165155	52.349	ug/L	99
52) Ethylbenzene	10.195	91	283106	52.907	ug/L	99
53) m,p-Xylene	10.299	106	109540	54.340	ug/L	94
54) o-Xylene	10.640	106	104667	52.196	ug/L	97
55) Styrene	10.652	104	183859	55.003	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	102365	51.484	ug/L	98
59) Bromoform	10.799	173	39027	49.345	ug/L	94
60) Isopropylbenzene	10.963	105	279874	52.557	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	81010	49.685	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	232352	52.463	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	231346	52.902	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	116671	50.942	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	116785	50.627	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	119299	51.730	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	21390	49.244	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	71803	50.547	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	63901	51.296	ug/L	97
71) Naphthalene	13.774	128	251187	52.272	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	69127	53.570	ug/L	98

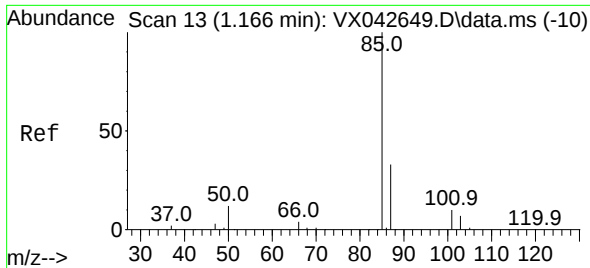
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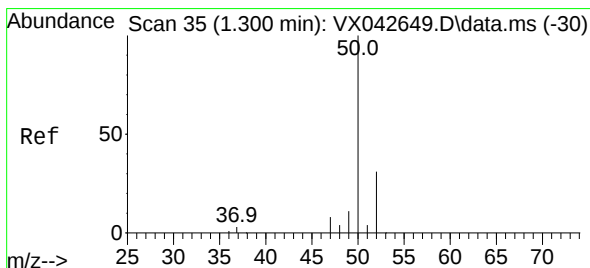
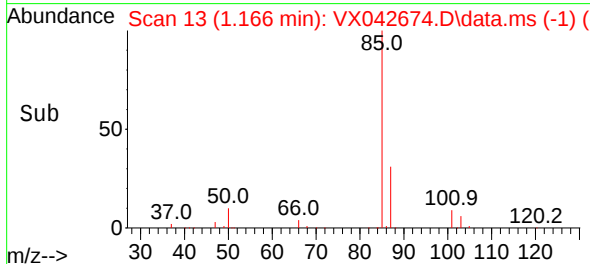
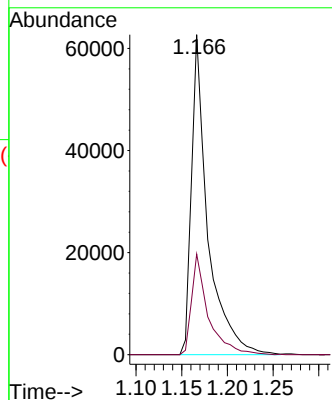
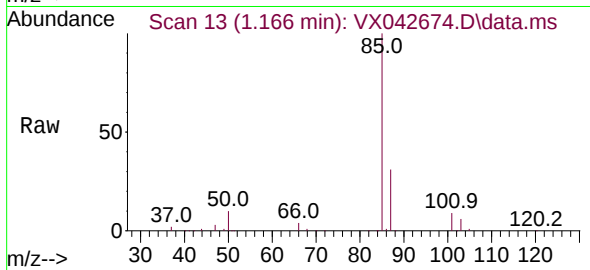




#2
Dichlorodifluoromethane
Concen: 52.305 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

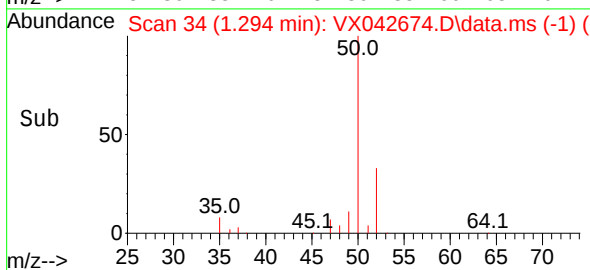
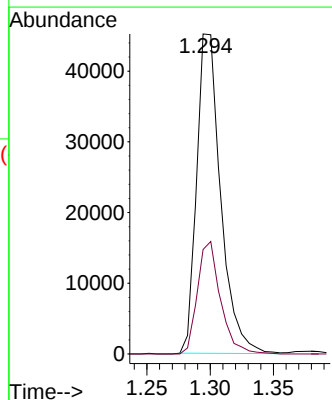
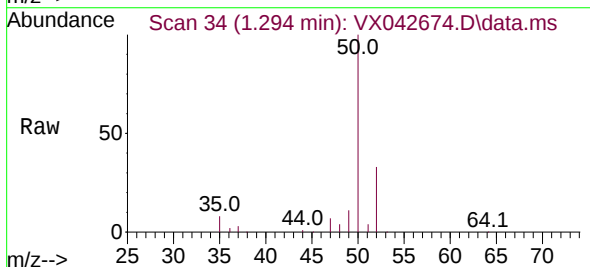
Instrument :
MSVOA_X
ClientSampleId :

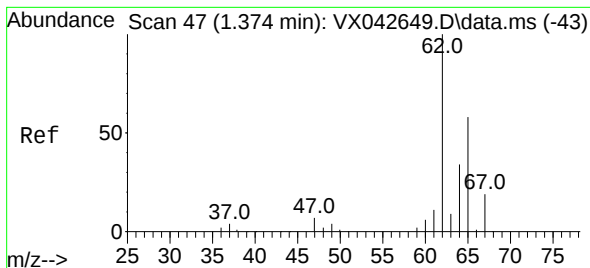
Tgt Ion: 85 Resp: 77879
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.8



#3
Chloromethane
Concen: 48.598 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Tgt Ion: 50 Resp: 59837
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.6





#5

Vinyl chloride

Concen: 49.880 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

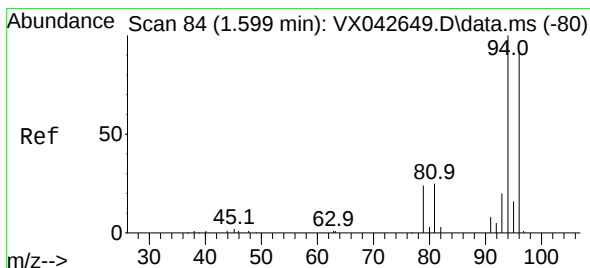
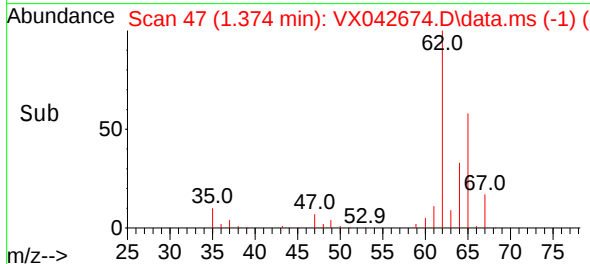
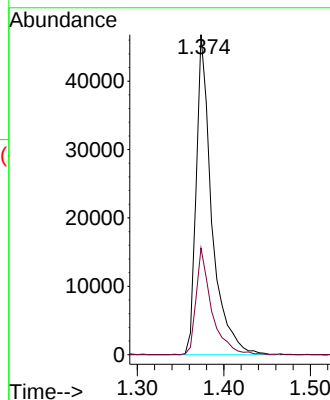
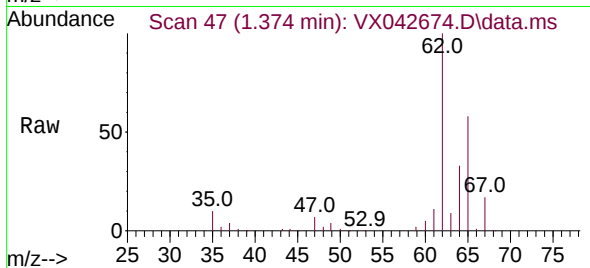
ClientSampleId :

Tgt Ion: 62 Resp: 58381

Ion Ratio Lower Upper

62 100

64 33.3 21.6 40.0



#6

Bromomethane

Concen: 52.490 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX042674.D

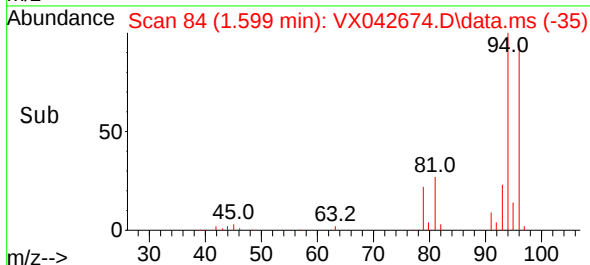
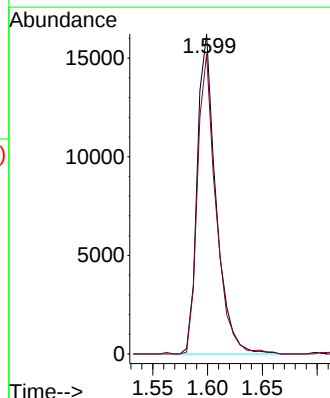
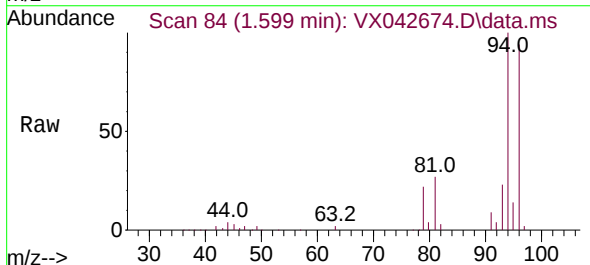
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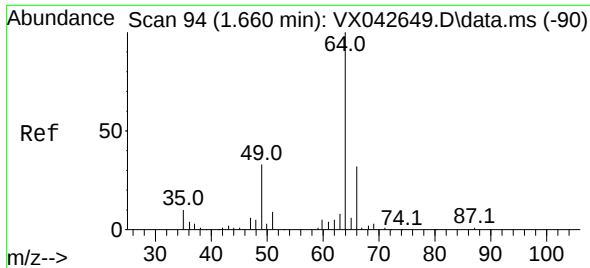
Tgt Ion: 94 Resp: 19222

Ion Ratio Lower Upper

94 100

96 93.7 66.1 122.7

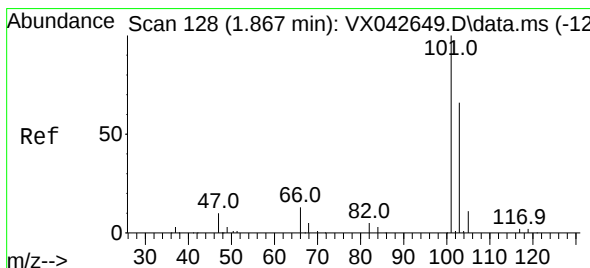
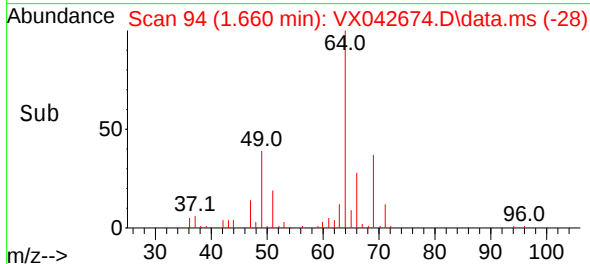
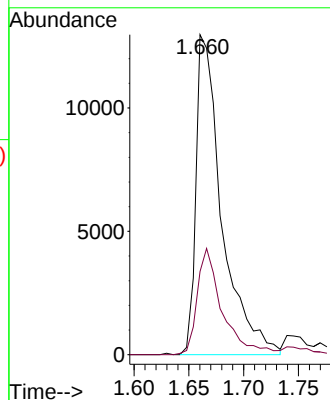
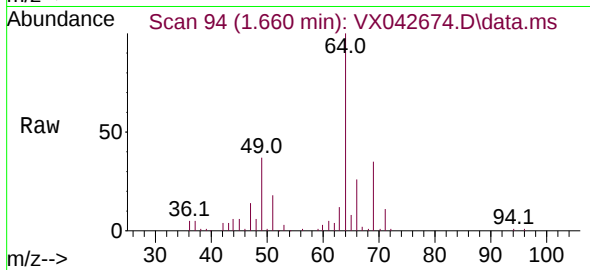




#8
Chloroethane
Concen: 49.572 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

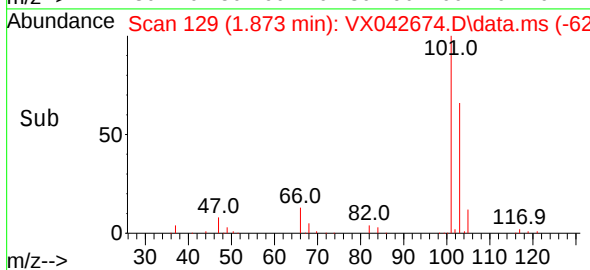
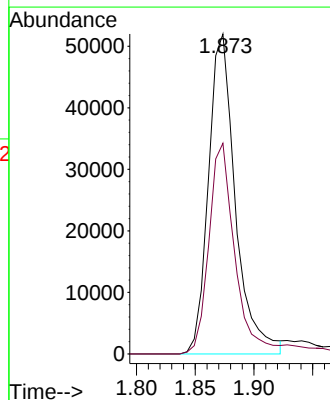
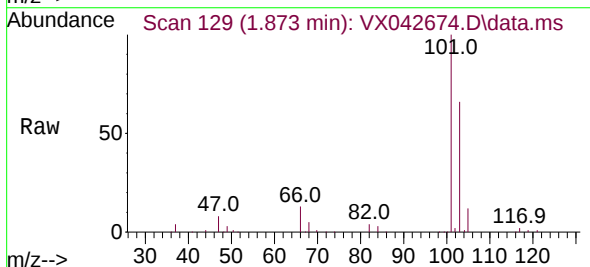
Instrument :
MSVOA_X
ClientSampleId :

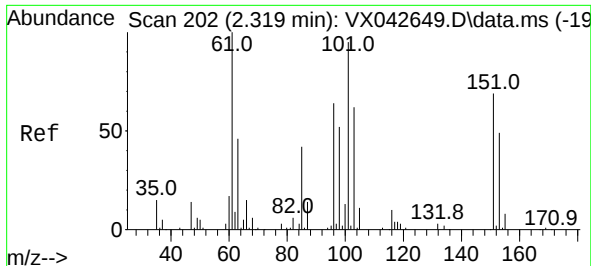
Tgt Ion: 64 Resp: 21243
Ion Ratio Lower Upper
64 100
66 26.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 50.095 ug/L
RT: 1.873 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Tgt Ion:101 Resp: 82991
Ion Ratio Lower Upper
101 100
103 63.2 45.2 67.8

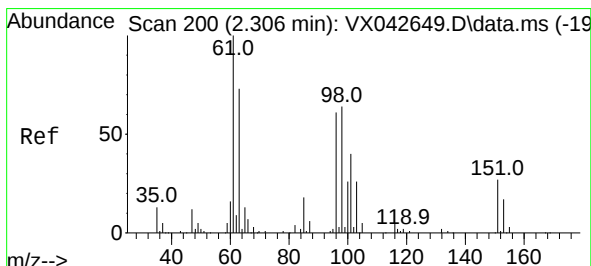
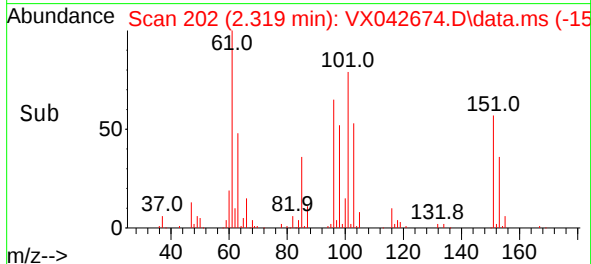
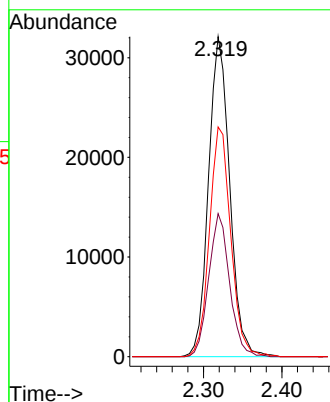
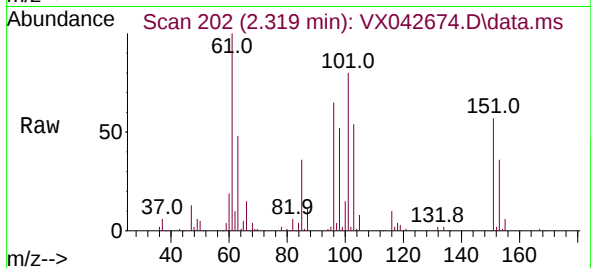




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.637 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX042674.D
 Acq: 28 Jul 2024 05:36

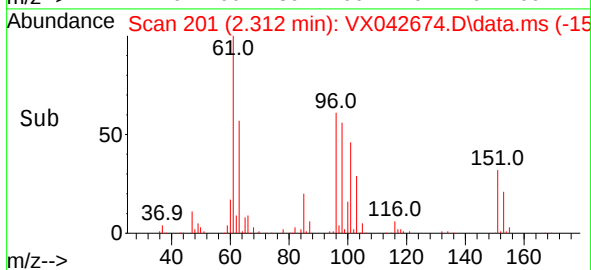
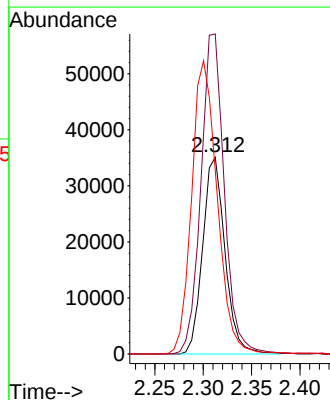
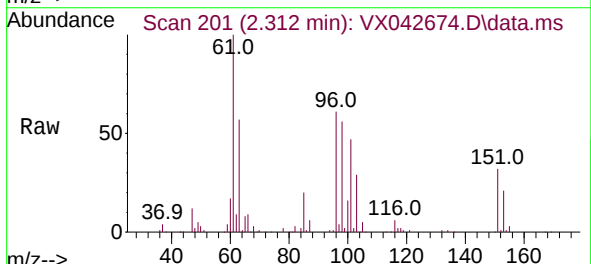
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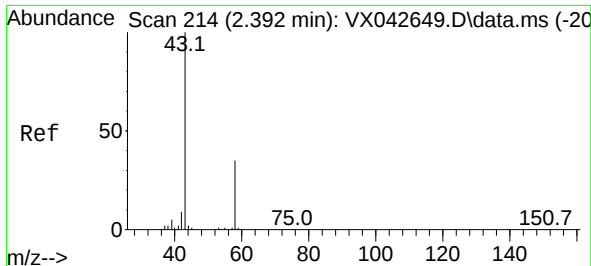
Tgt Ion:101 Resp: 60282
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.4 51.6
 151 72.6 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 51.761 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX042674.D
 Acq: 28 Jul 2024 05:36

Tgt Ion: 96 Resp: 56394
 Ion Ratio Lower Upper
 96 100
 61 162.7 113.0 209.9
 63 93.4 70.5 130.9





#13

Acetone

Concen: 88.799 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

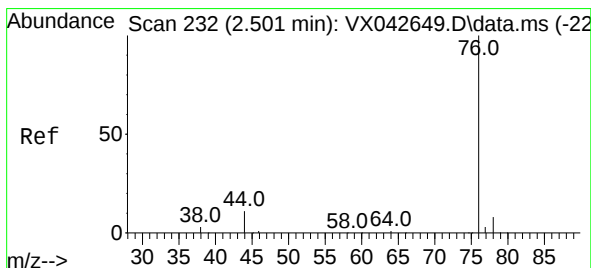
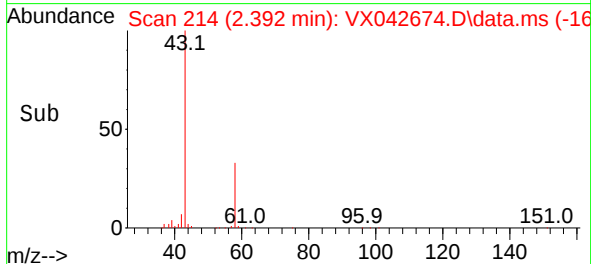
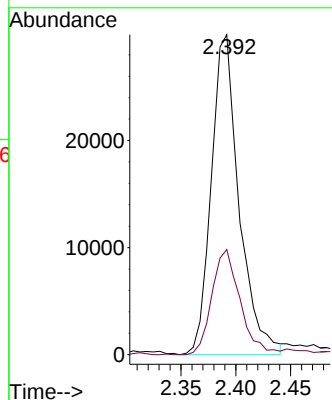
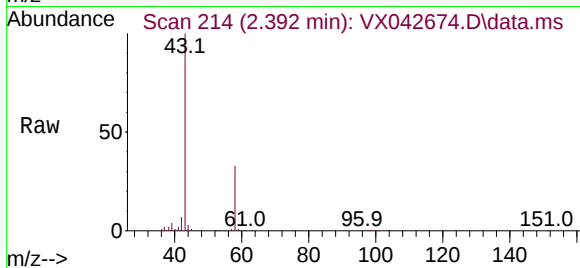
ClientSampleId :

Tgt Ion: 43 Resp: 52674

Ion Ratio Lower Upper

43 100

58 33.4 0.0 62.4



#14

Carbon disulfide

Concen: 47.373 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX042674.D

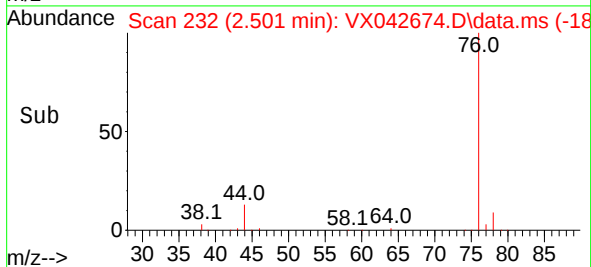
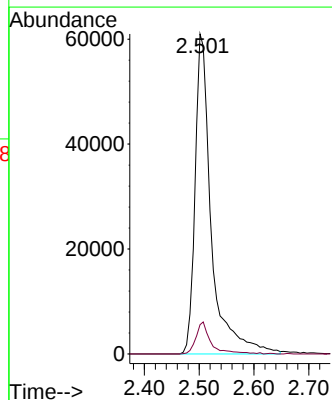
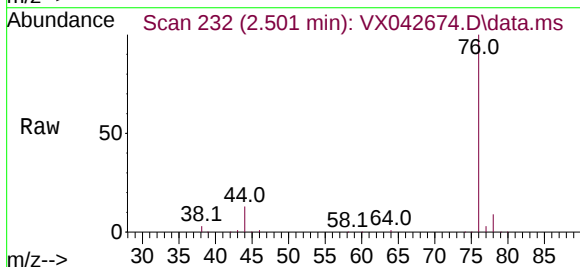
Acq: 28 Jul 2024 05:36

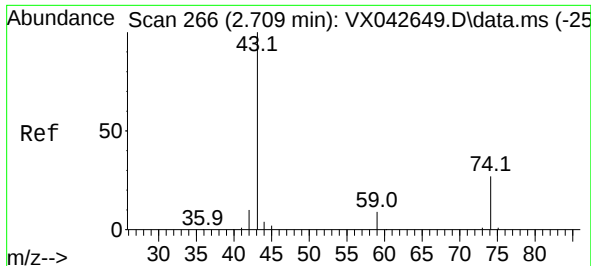
Tgt Ion: 76 Resp: 126021

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6





#15

Methyl Acetate

Concen: 50.043 ug/L

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

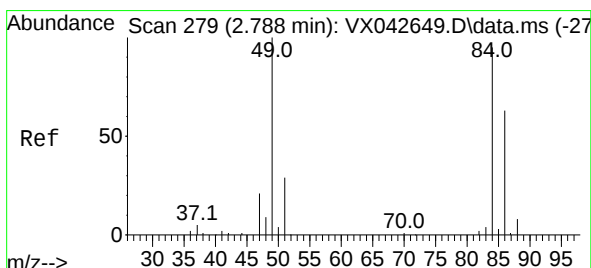
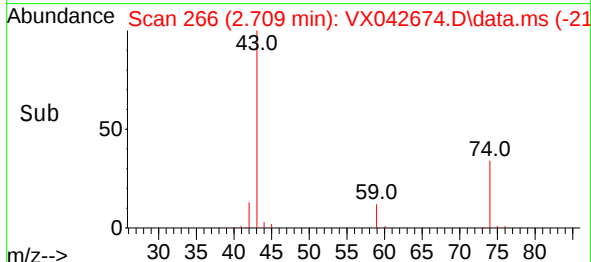
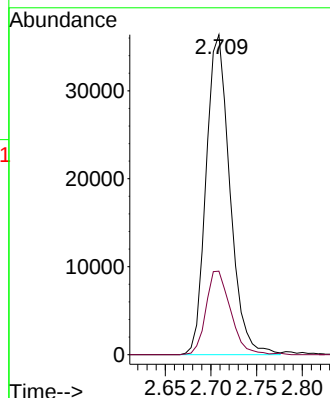
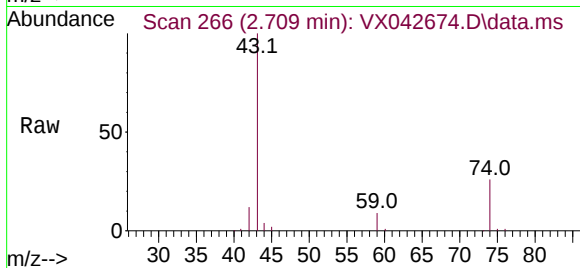
ClientSampleId :

Tgt Ion: 43 Resp: 65800

Ion Ratio Lower Upper

43 100

74 26.9 21.0 31.4



#16

Methylene chloride

Concen: 52.408 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

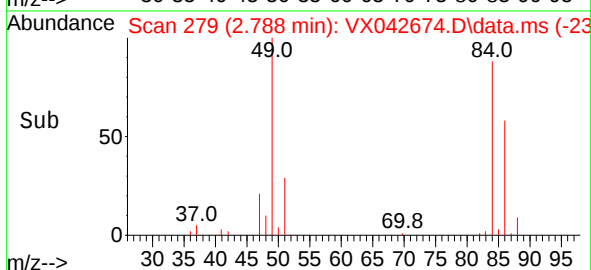
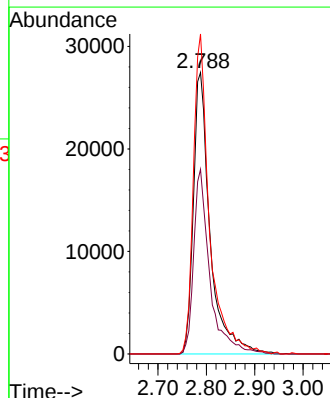
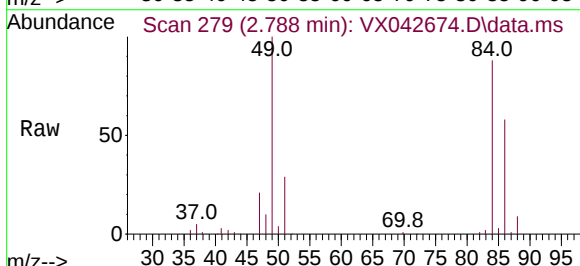
Tgt Ion: 84 Resp: 65941

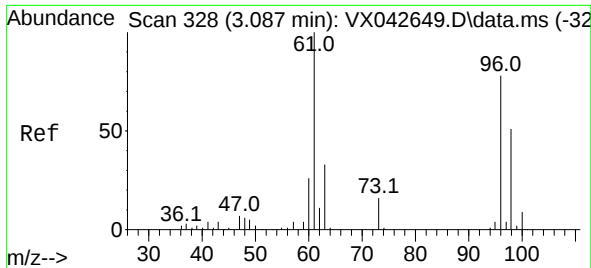
Ion Ratio Lower Upper

84 100

86 65.6 43.5 80.7

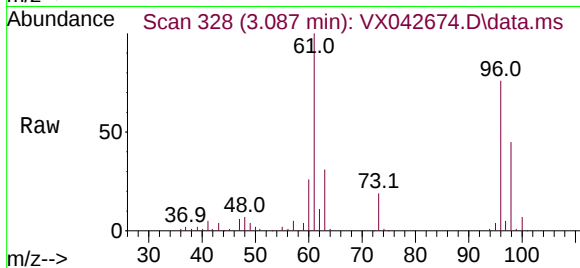
49 113.7 81.1 150.7





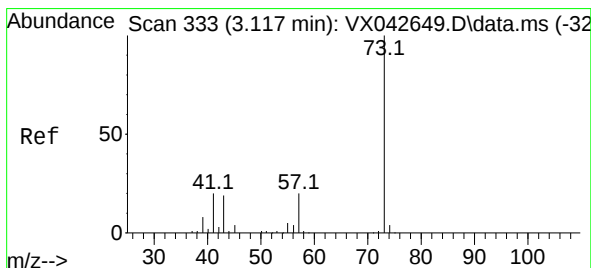
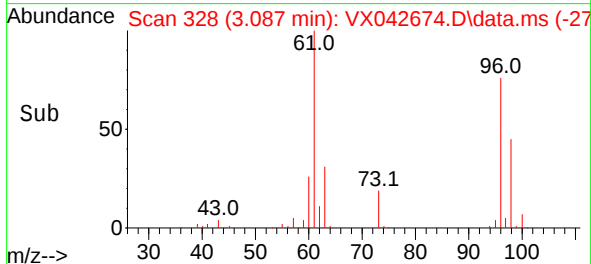
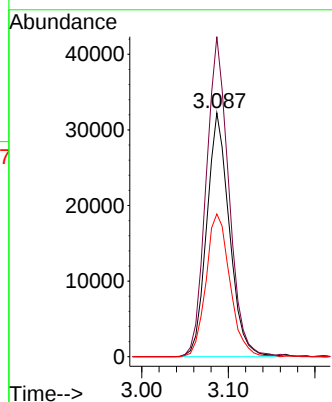
#17
trans-1,2-Dichloroethene
Concen: 52.347 ug/L
RT: 3.087 min Scan# 317
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 58528

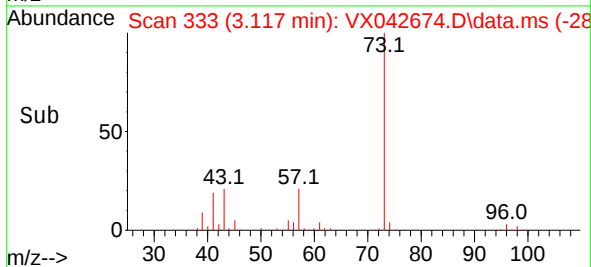
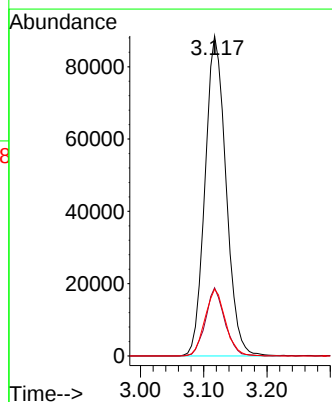
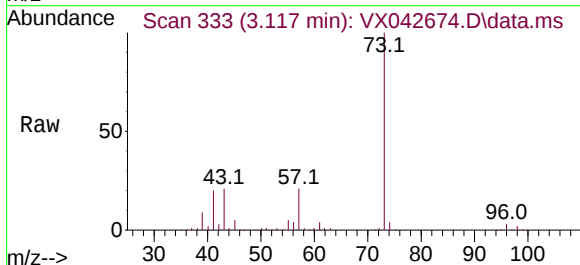
Ion	Ratio	Lower	Upper
96	100		
61	131.2	99.3	184.3
98	58.5	43.8	81.3

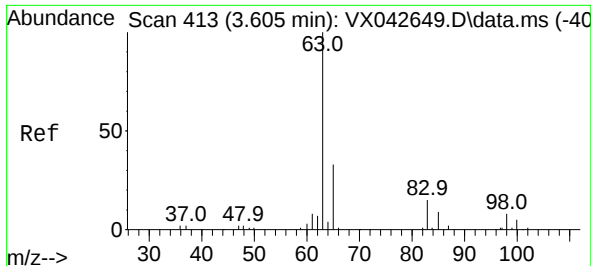


#18
Methyl tert-butyl Ether
Concen: 52.661 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Tgt Ion: 73 Resp: 204083

Ion	Ratio	Lower	Upper
73	100		
43	19.7	15.4	23.2
57	20.3	16.9	25.3





#19

1,1-Dichloroethane

Concen: 52.134 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

ClientSampleId :

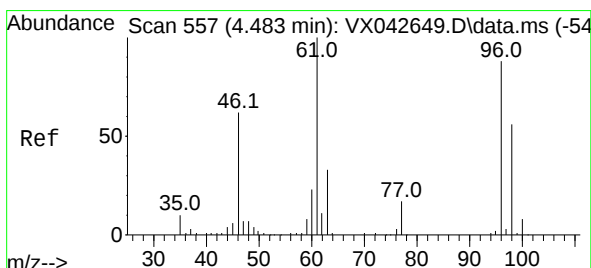
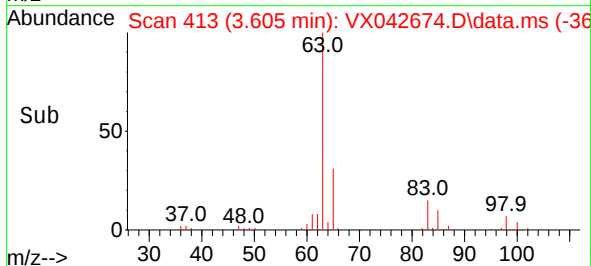
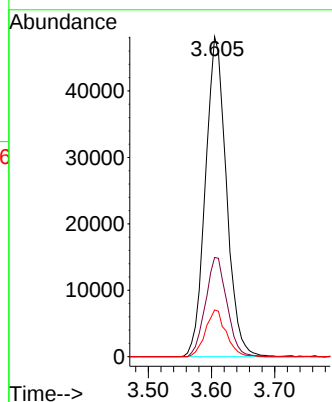
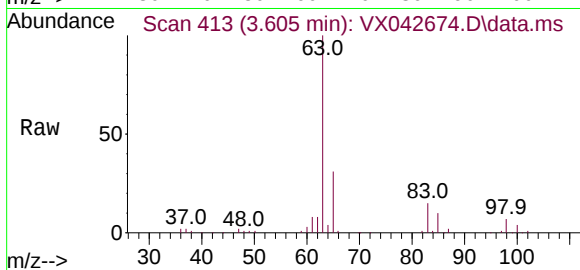
Tgt Ion: 63 Resp: 111292

Ion Ratio Lower Upper

63 100

65 31.0 23.6 43.8

83 14.6 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 53.170 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

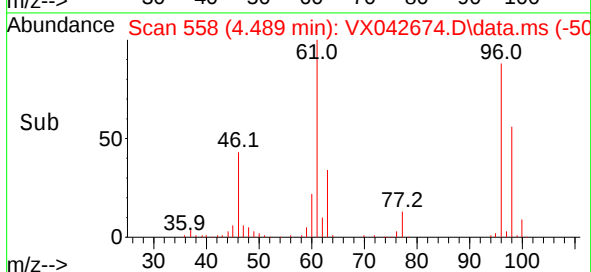
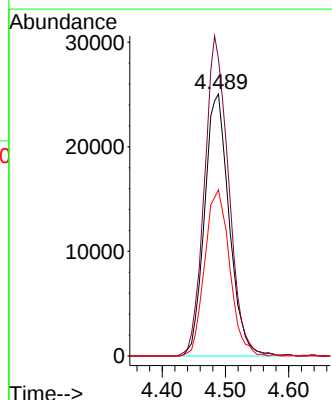
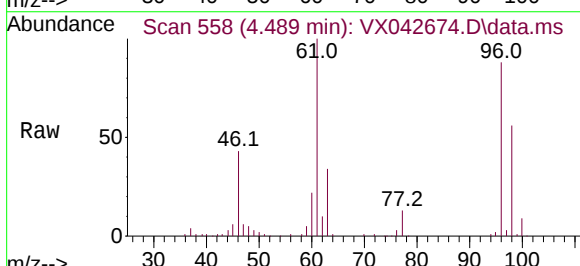
Tgt Ion: 96 Resp: 67902

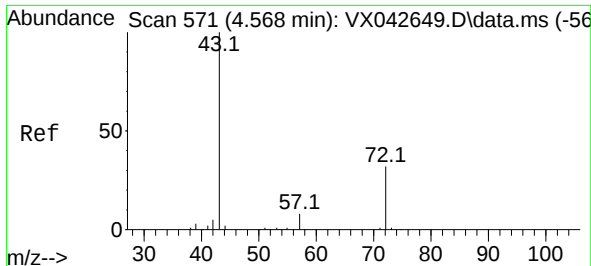
Ion Ratio Lower Upper

96 100

61 113.5 85.3 158.3

98 63.5 42.7 79.3





#22

2-Butanone

Concen: 95.532 ug/L

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

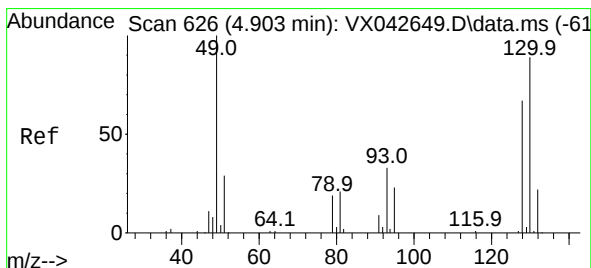
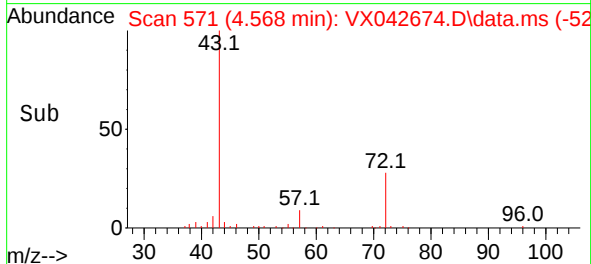
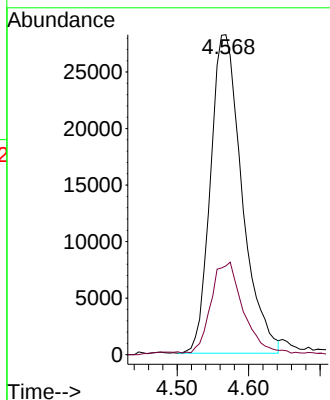
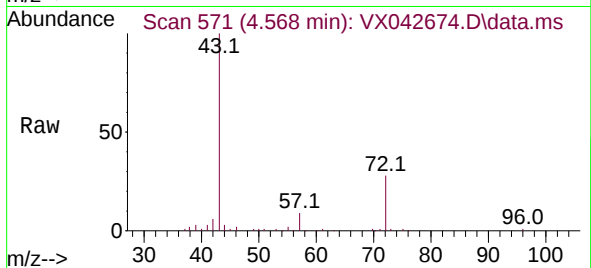
ClientSampleId :

Tgt Ion: 43 Resp: 86305

Ion Ratio Lower Upper

43 100

72 0.1 13.4 40.2#



#23

Bromochloromethane

Concen: 48.970 ug/L

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Tgt Ion: 128 Resp: 29614

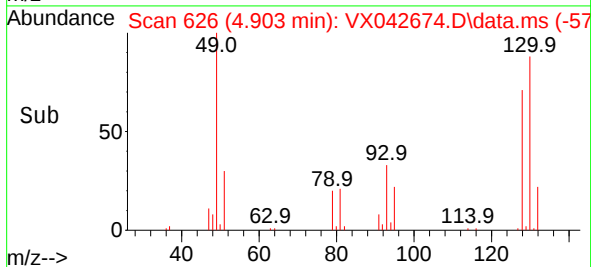
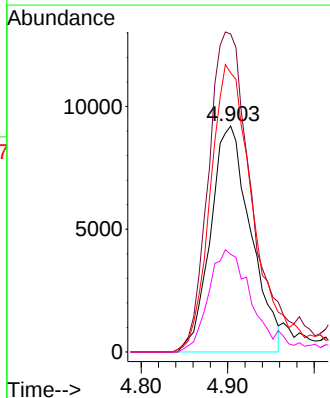
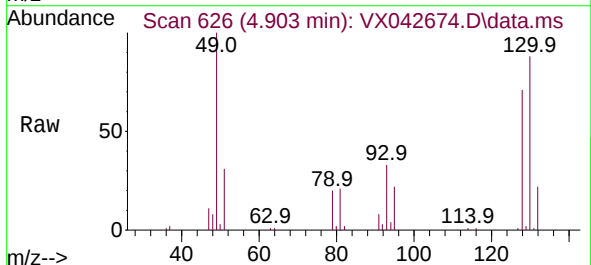
Ion Ratio Lower Upper

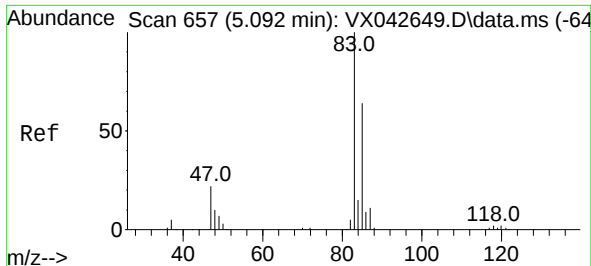
128 100

49 140.7 107.0 198.6

130 123.5 85.5 158.9

51 43.2 38.6 57.8





#25

Chloroform

Concen: 52.906 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

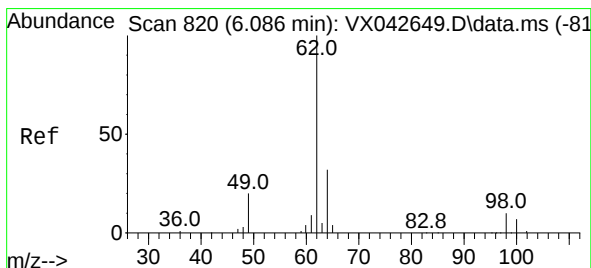
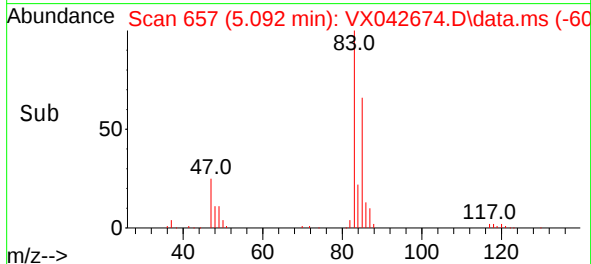
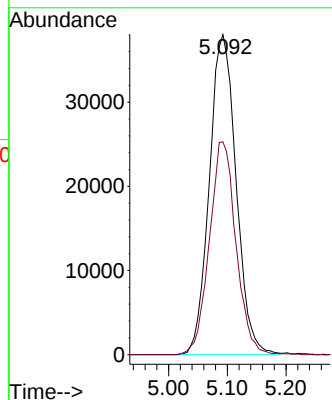
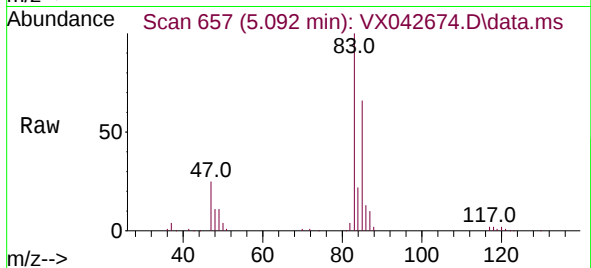
ClientSampleId :

Tgt Ion: 83 Resp: 120423

Ion Ratio Lower Upper

83 100

85 66.5 44.3 82.3



#27

1,2-Dichloroethane

Concen: 53.033 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX042674.D

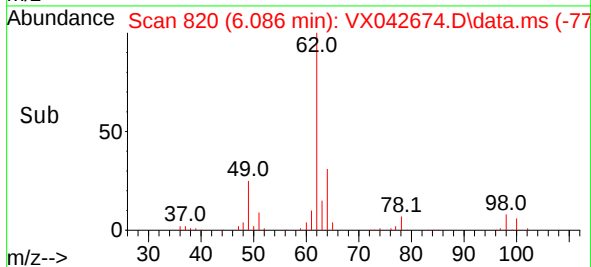
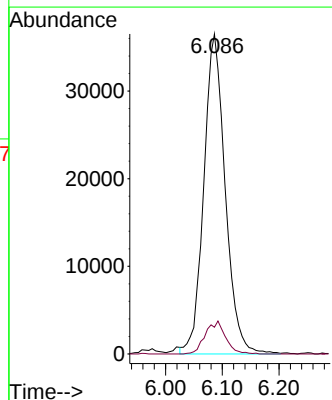
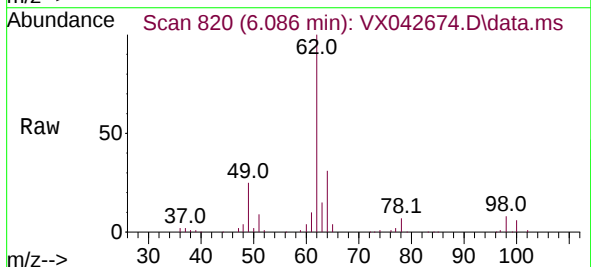
Acq: 28 Jul 2024 05:36

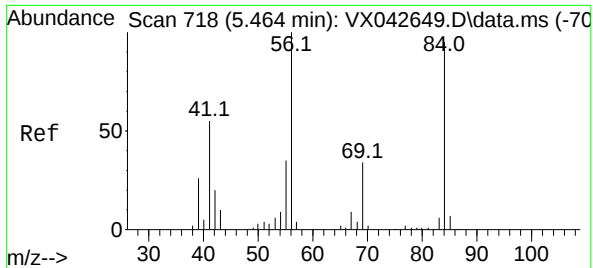
Tgt Ion: 62 Resp: 95873

Ion Ratio Lower Upper

62 100

98 8.4 7.1 10.7





#29

Cyclohexane

Concen: 49.451 ug/L

RT: 5.470 min Scan# 718

Delta R.T. 0.006 min

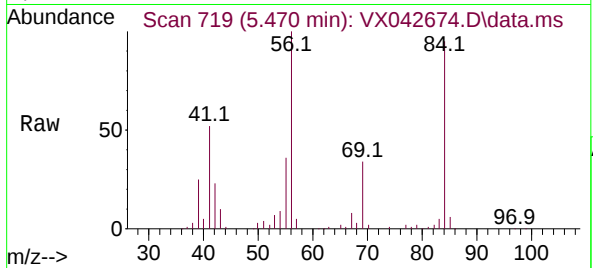
Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

ClientSampleId :



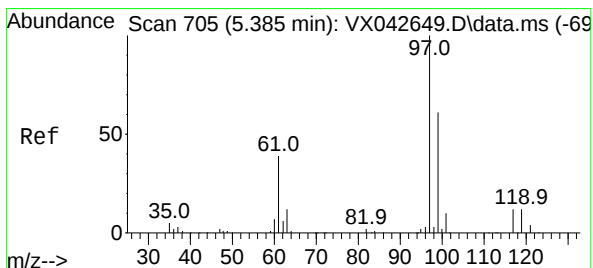
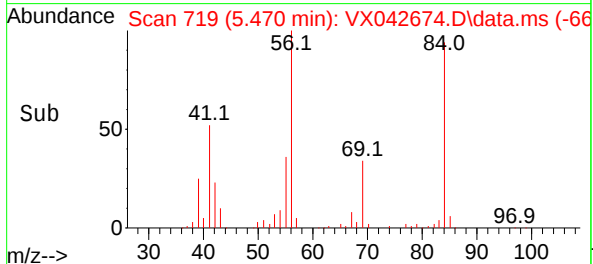
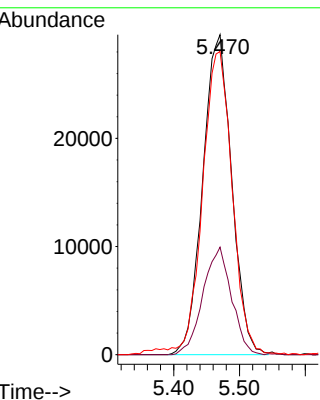
Tgt Ion: 56 Resp: 90485

Ion Ratio Lower Upper

56 100

69 33.1 26.1 39.1

84 95.5 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 52.318 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

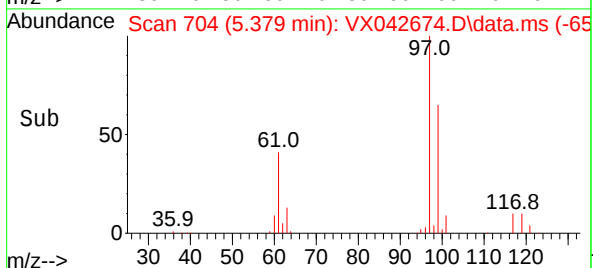
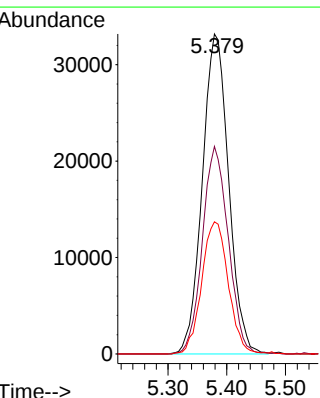
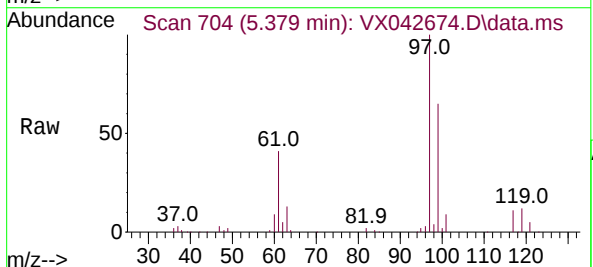
Tgt Ion: 97 Resp: 103435

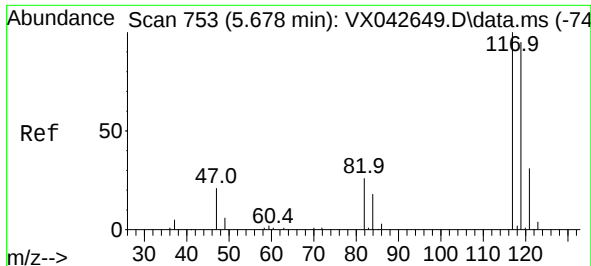
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

61 41.7 34.4 51.6

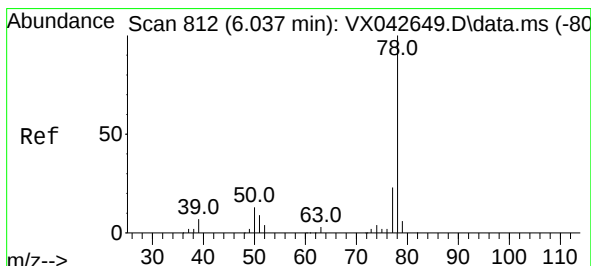
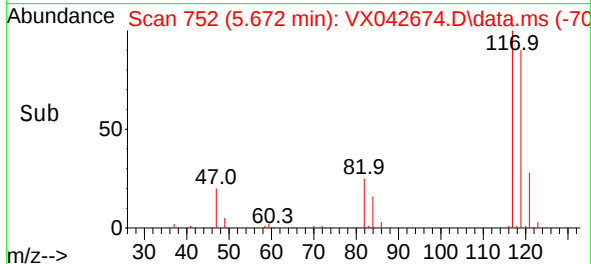
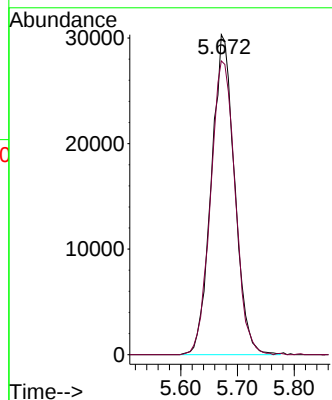
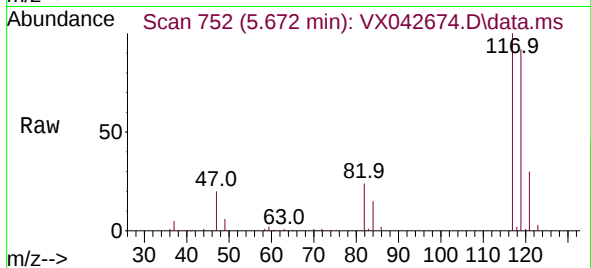




#31
Carbon tetrachloride
Concen: 51.652 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

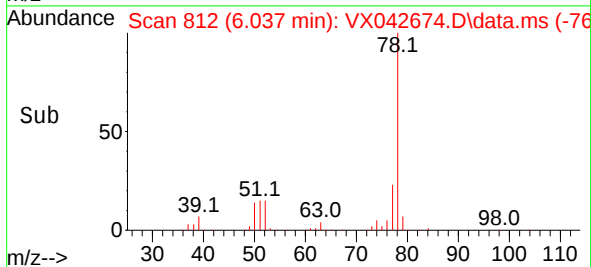
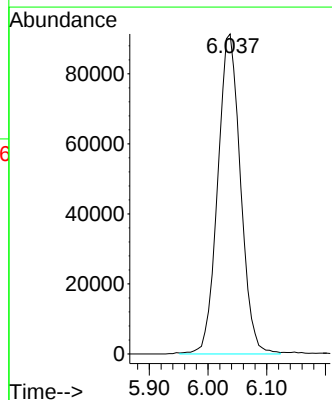
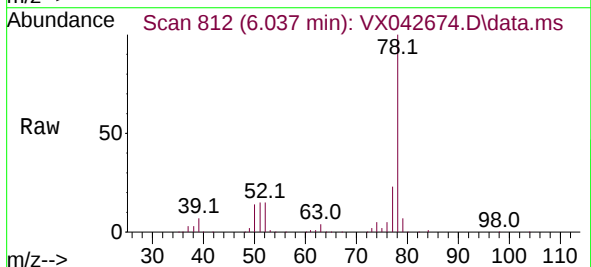
Instrument :
MSVOA_X
ClientSampleId :

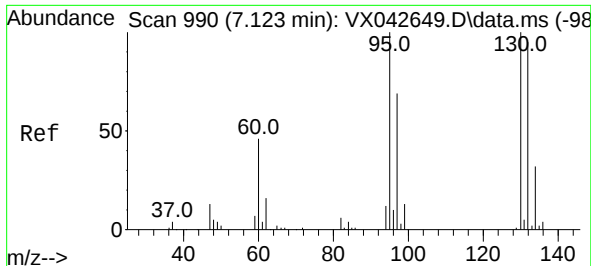
Tgt Ion:117 Resp: 86254
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.2



#33
Benzene
Concen: 51.976 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

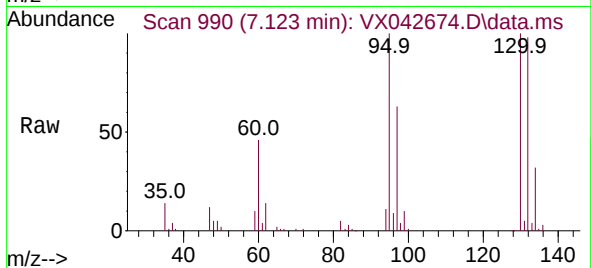
Tgt Ion: 78 Resp: 246197





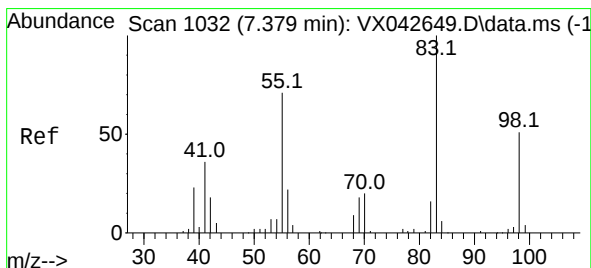
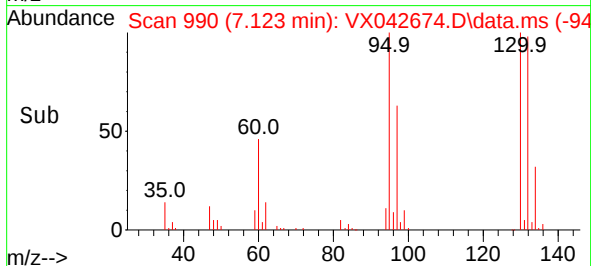
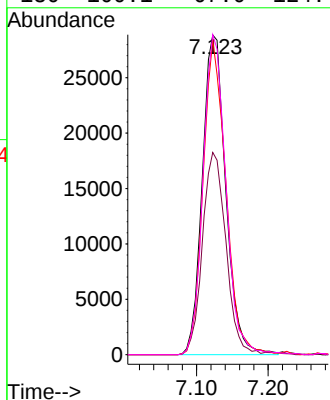
#34
Trichloroethene
Concen: 51.932 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 65719

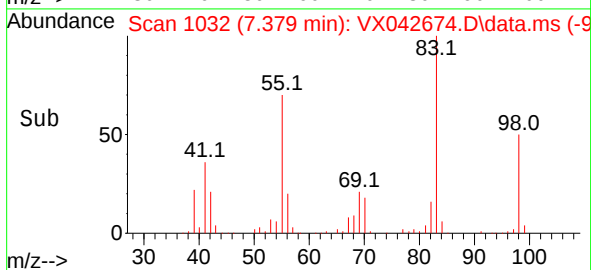
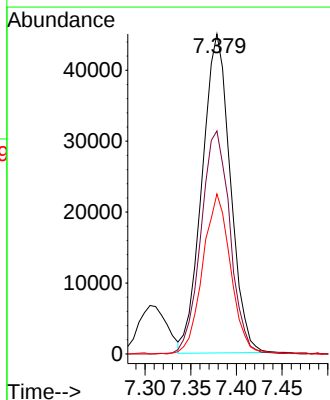
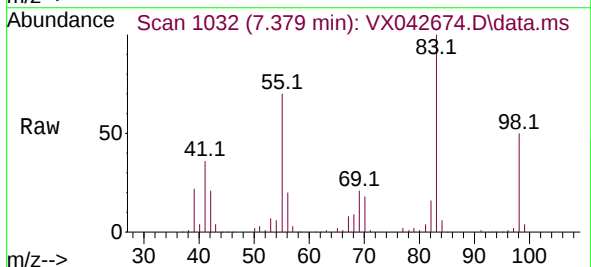
Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.3	86.1
132	98.5	64.3	119.5
130	100.1	67.0	124.4

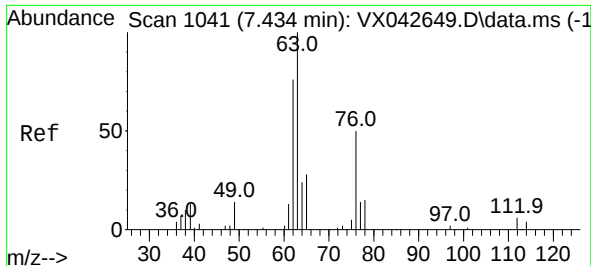


#35
Methylcyclohexane
Concen: 50.451 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Tgt Ion: 83 Resp: 96632

Ion	Ratio	Lower	Upper
83	100		
55	72.2	58.2	87.2
98	49.7	38.5	57.7





#37

1,2-Dichloropropane

Concen: 48.953 ug/L

RT: 7.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

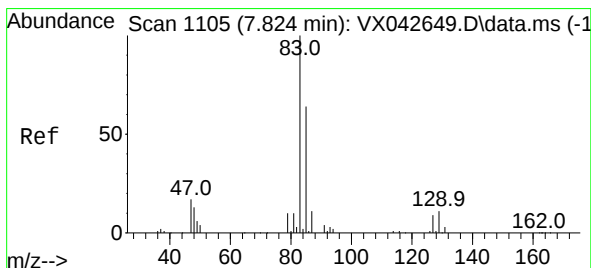
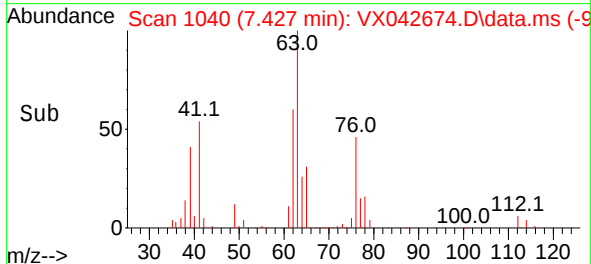
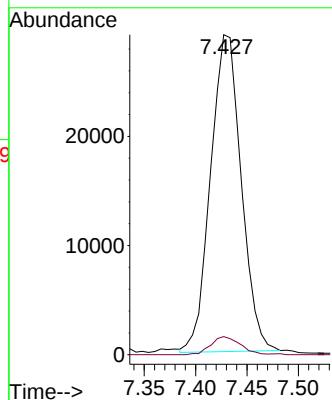
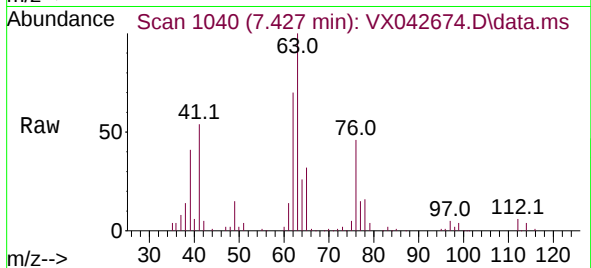
ClientSampleId :

Tgt Ion: 63 Resp: 60263

Ion Ratio Lower Upper

63 100

112 5.5 3.7 5.5



#38

Bromodichloromethane

Concen: 51.854 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

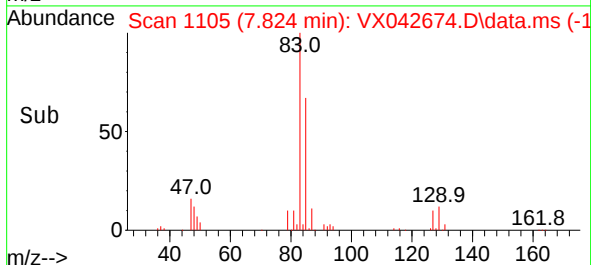
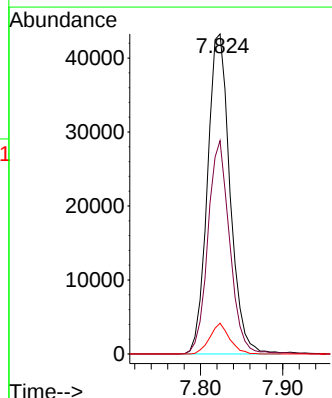
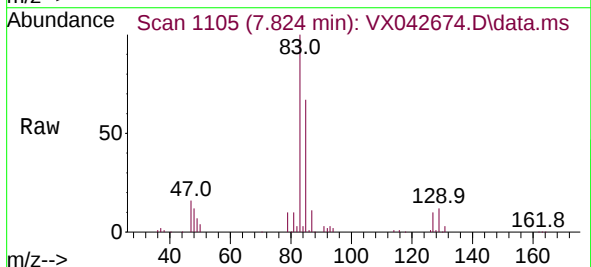
Tgt Ion: 83 Resp: 82504

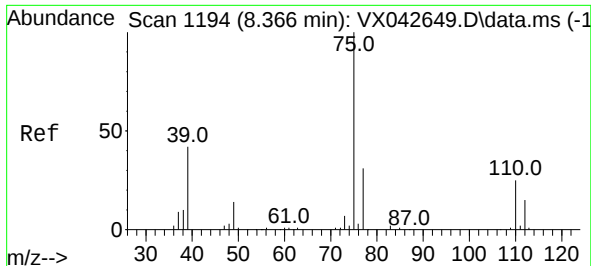
Ion Ratio Lower Upper

83 100

85 66.6 43.7 81.1

127 9.6 6.5 9.7

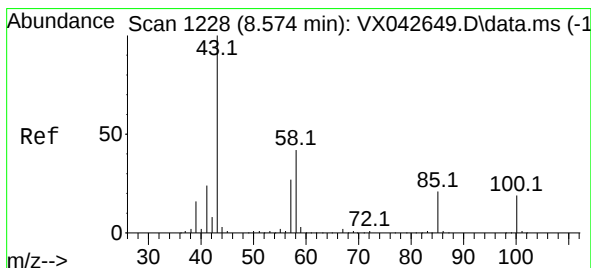
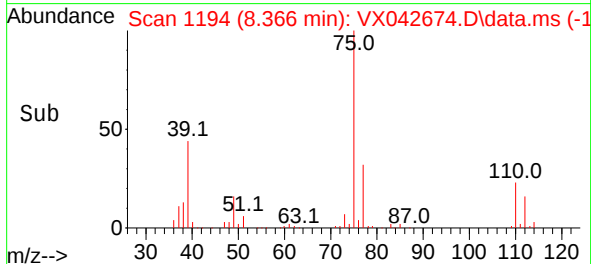
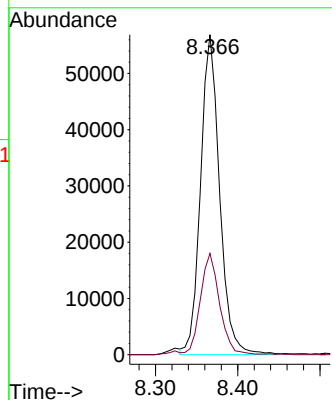
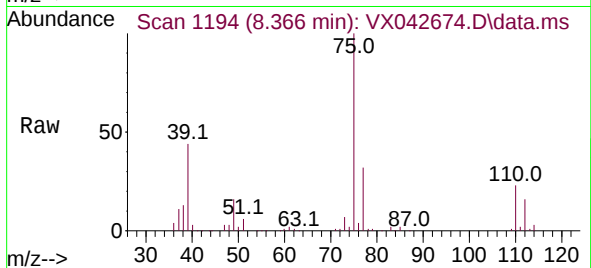




#39
 cis-1,3-Dichloropropene
 Concen: 48.471 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX042674.D
 Acq: 28 Jul 2024 05:36

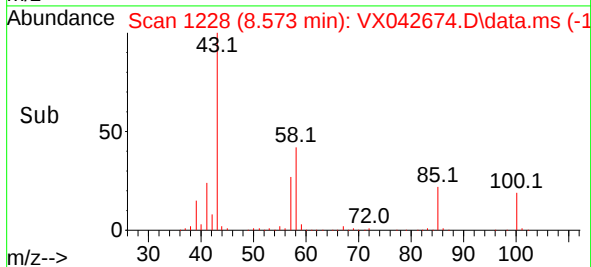
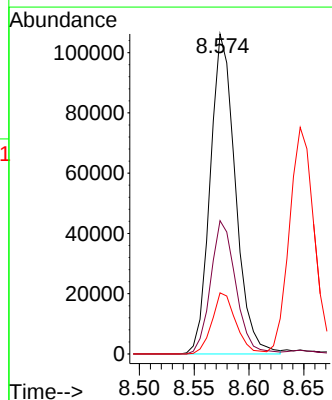
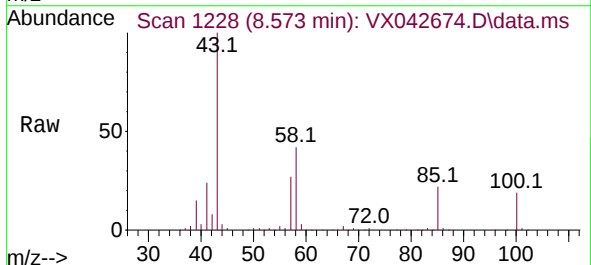
Instrument :
 MSVOA_X
 ClientSampleId :

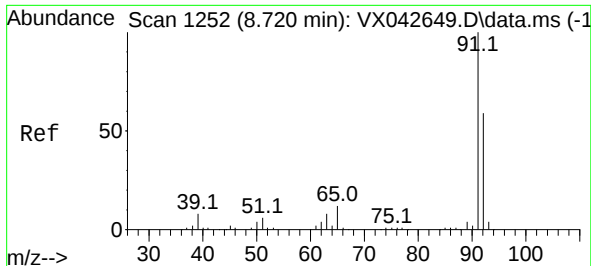
Tgt Ion: 75 Resp: 91591
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 100.133 ug/L
 RT: 8.573 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX042674.D
 Acq: 28 Jul 2024 05:36

Tgt Ion: 43 Resp: 169595
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.4 48.6
 100 18.3 13.4 20.0





#42

Toluene

Concen: 52.512 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

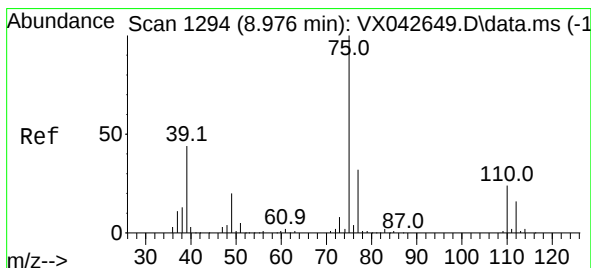
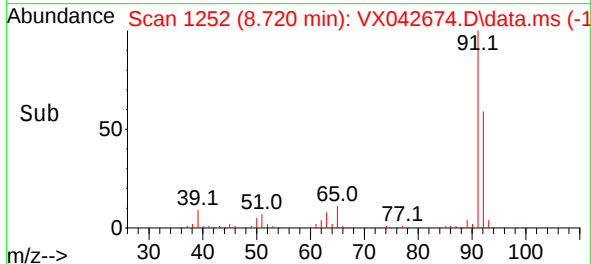
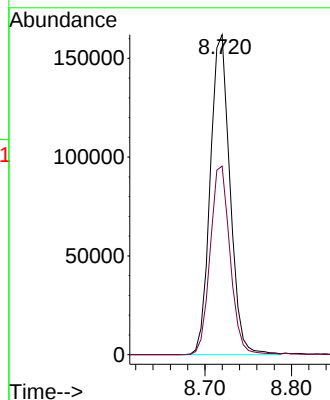
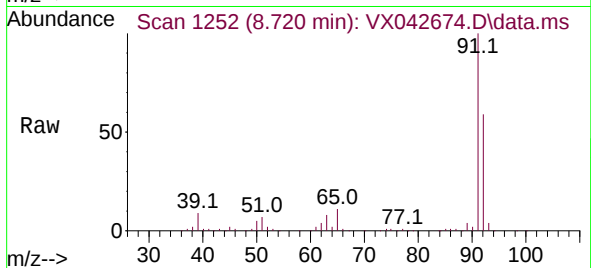
ClientSampleId :

Tgt Ion: 91 Resp: 256189

Ion Ratio Lower Upper

91 100

92 58.9 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 48.965 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042674.D

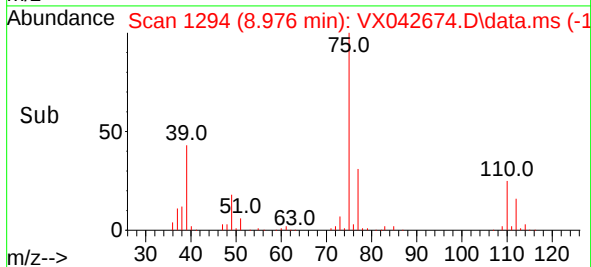
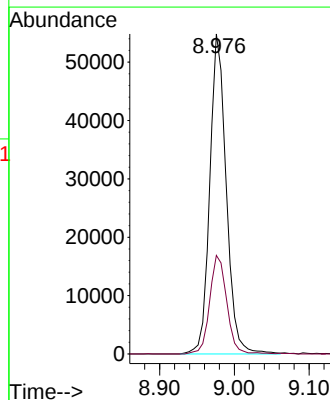
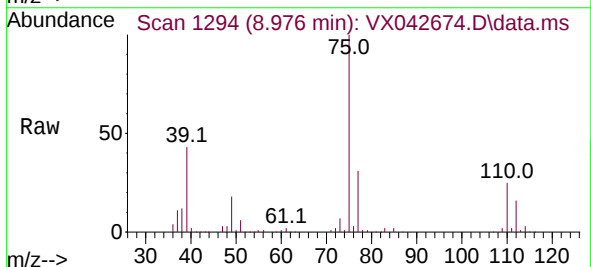
Acq: 28 Jul 2024 05:36

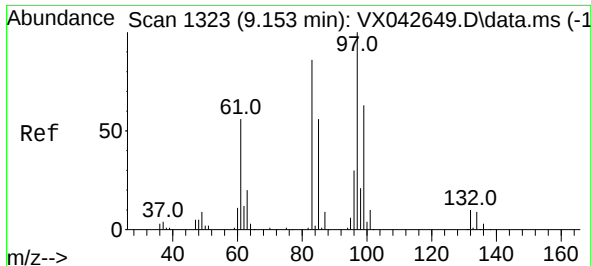
Tgt Ion: 75 Resp: 83871

Ion Ratio Lower Upper

75 100

77 30.8 22.0 40.8



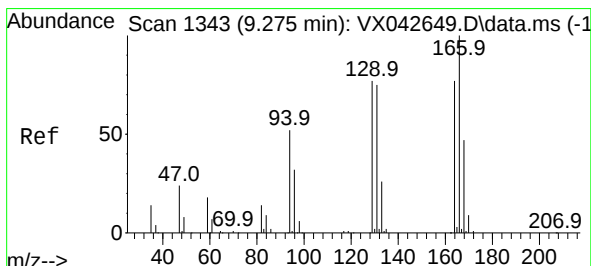
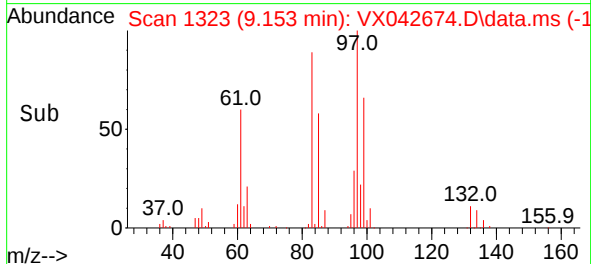
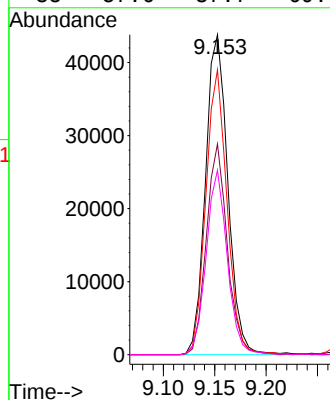
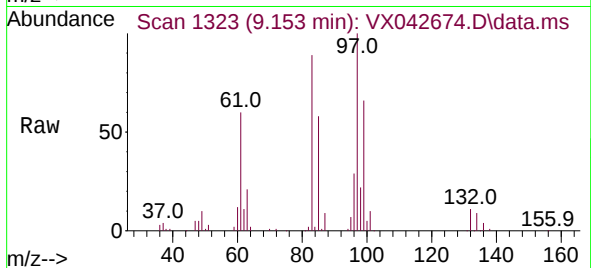


#45
1,1,2-Trichloroethane
Concen: 53.319 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 66294

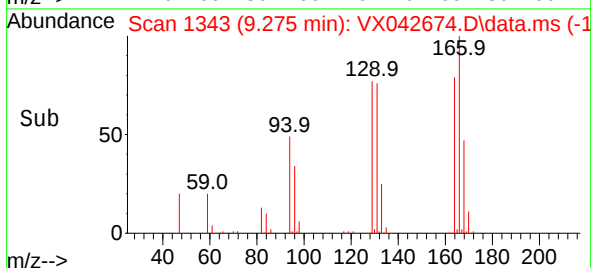
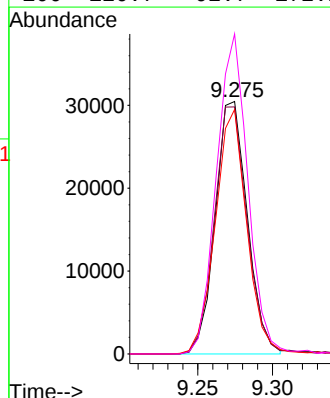
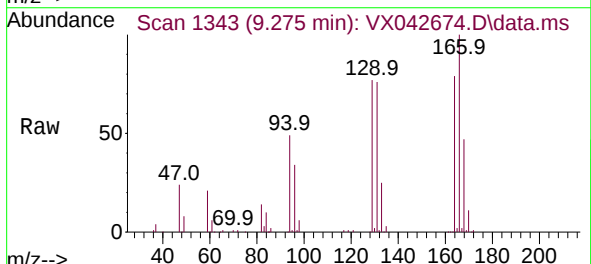
Ion	Ratio	Lower	Upper
97	100		
99	65.8	42.6	79.2
83	89.0	59.3	110.1
85	57.6	37.7	69.9

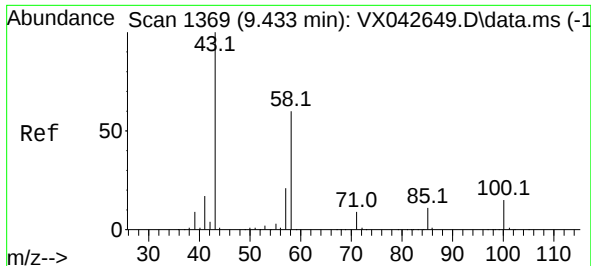


#46
Tetrachloroethene
Concen: 52.539 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Tgt Ion: 164 Resp: 45343

Ion	Ratio	Lower	Upper
164	100		
129	97.8	74.2	137.8
131	96.8	66.9	124.3
166	126.7	92.7	172.1





#48

2-Hexanone

Concen: 98.678 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

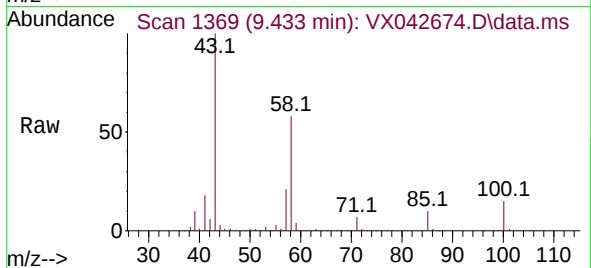
Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 129983

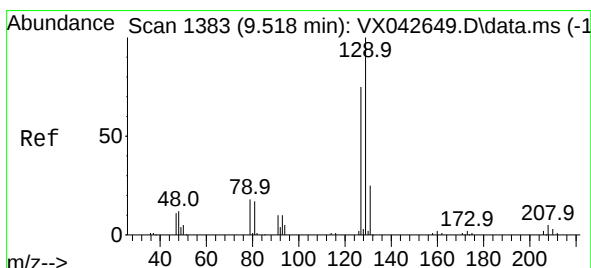
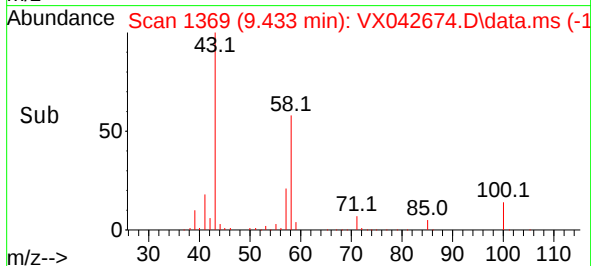
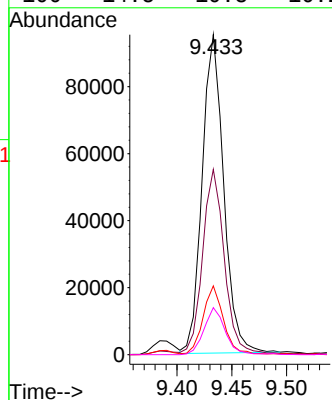
Ion Ratio Lower Upper

43 100

58 59.5 44.9 67.3

57 20.8 15.8 23.6

100 14.5 10.8 16.2



#49

Dibromochloromethane

Concen: 52.984 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX042674.D

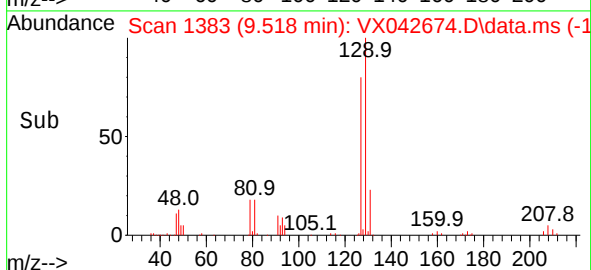
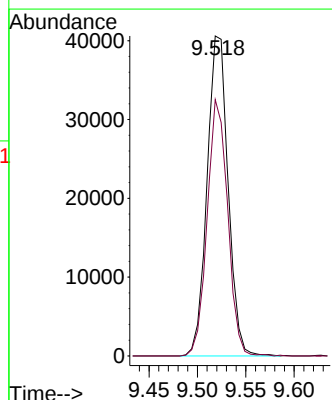
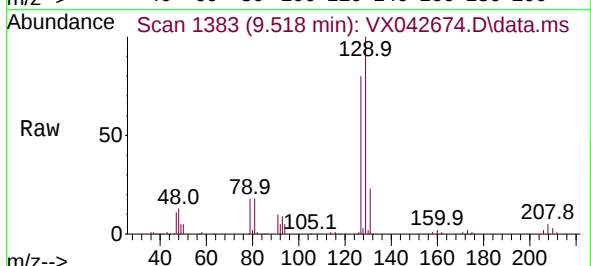
Acq: 28 Jul 2024 05:36

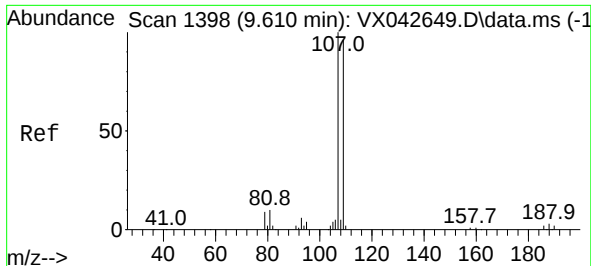
Tgt Ion: 129 Resp: 61516

Ion Ratio Lower Upper

129 100

127 80.1 57.4 106.6





#50

1,2-Dibromoethane

Concen: 52.055 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX042674.D

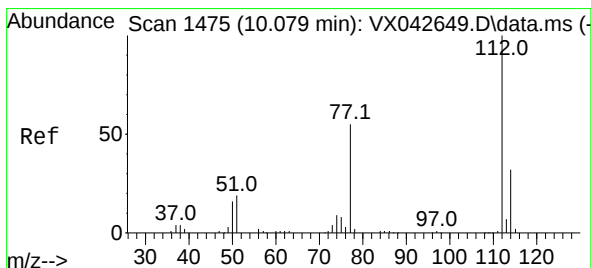
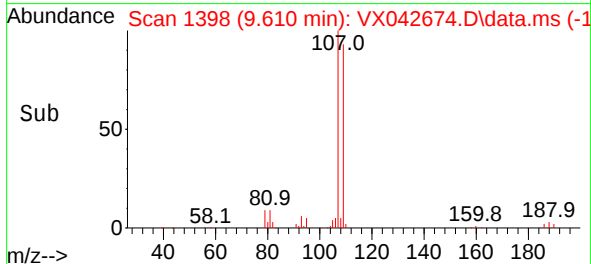
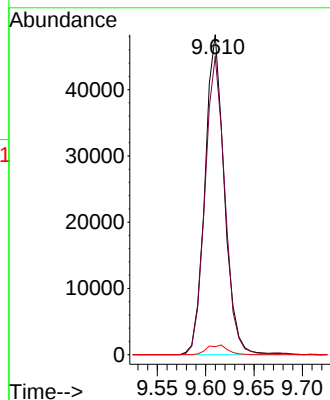
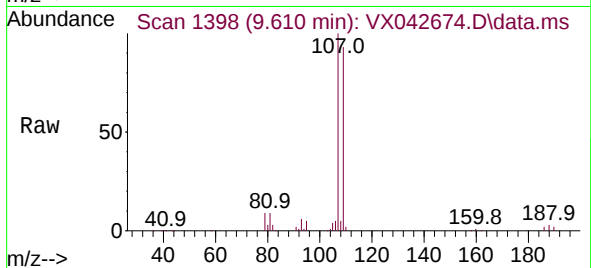
Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	67315
Ion	Ratio	Lower	Upper
107	100		
109	93.2	65.4	121.4
188	2.5	2.2	3.2



#51

Chlorobenzene

Concen: 52.349 ug/L

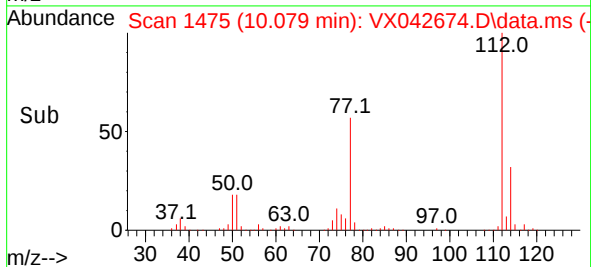
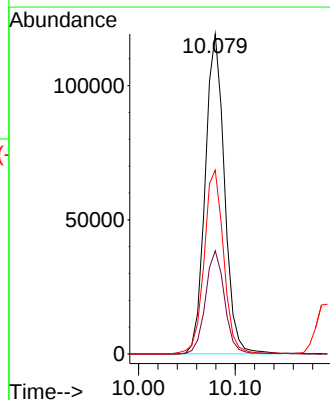
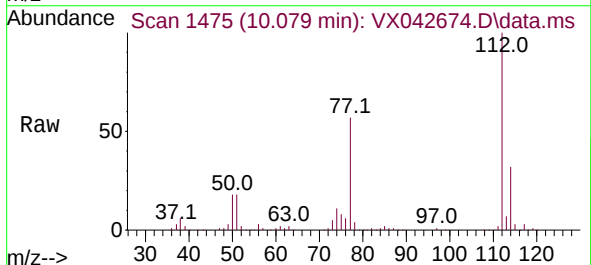
RT: 10.079 min Scan# 1475

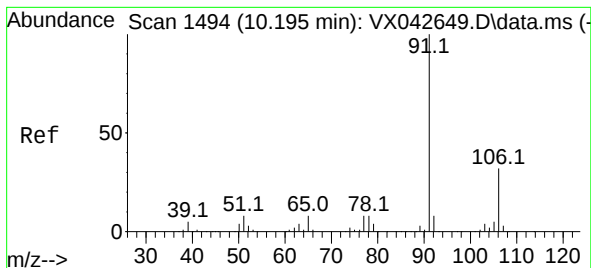
Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Tgt Ion:	112	Resp:	165155
Ion	Ratio	Lower	Upper
112	100		
114	32.3	23.2	43.2
77	57.4	46.3	69.5

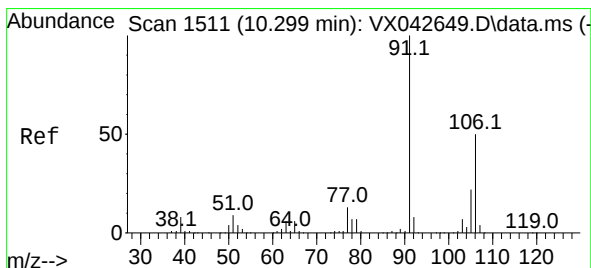
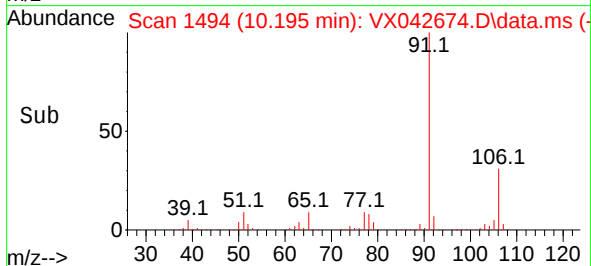
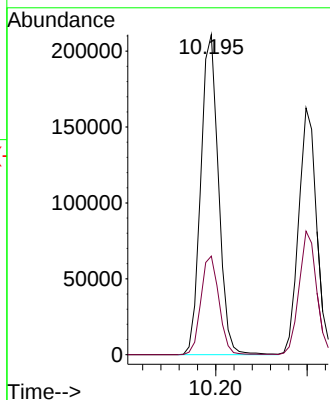
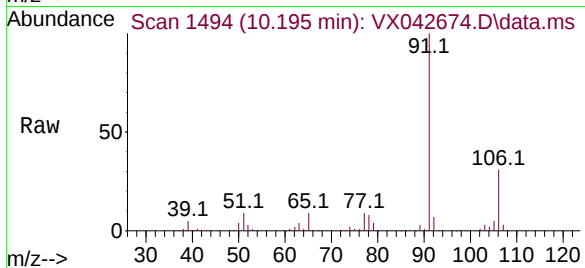




#52
Ethylbenzene
Concen: 52.907 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

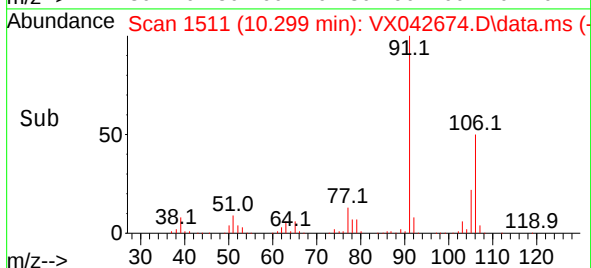
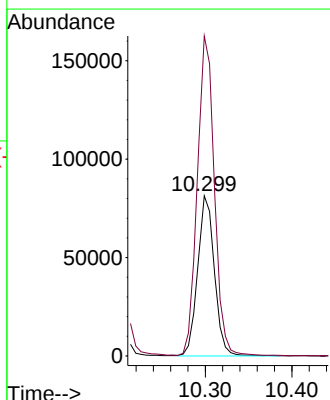
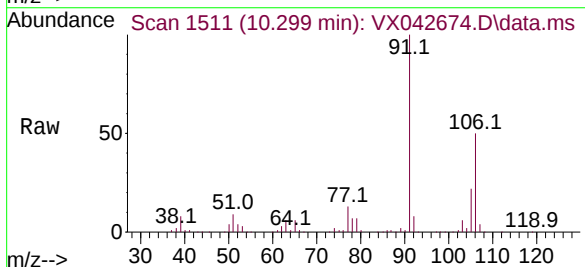
Instrument :
MSVOA_X
ClientSampleId :

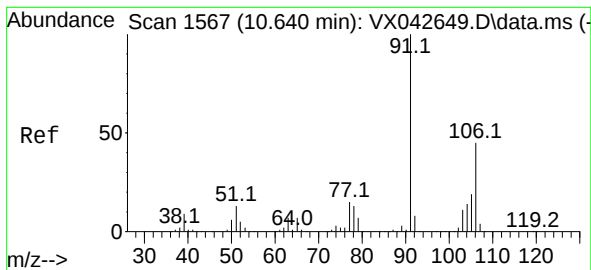
Tgt Ion: 91 Resp: 283106
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4



#53
m,p-Xylene
Concen: 54.340 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Tgt Ion: 106 Resp: 109540
Ion Ratio Lower Upper
106 100
91 199.8 146.8 272.6





#54

o-Xylene

Concen: 52.196 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

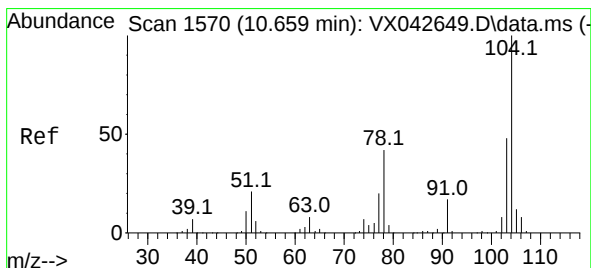
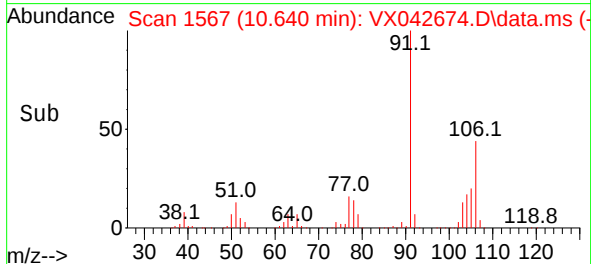
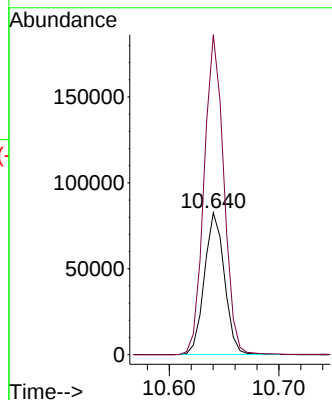
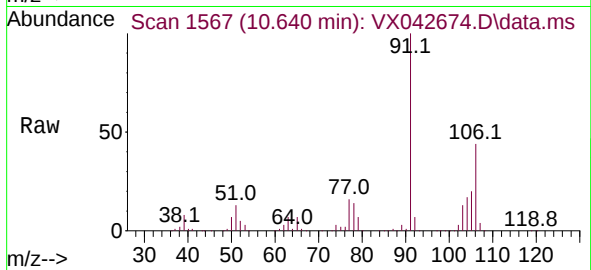
ClientSampleId :

Tgt Ion:106 Resp: 104667

Ion Ratio Lower Upper

106 100

91 225.4 154.6 287.2



#55

Styrene

Concen: 55.003 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX042674.D

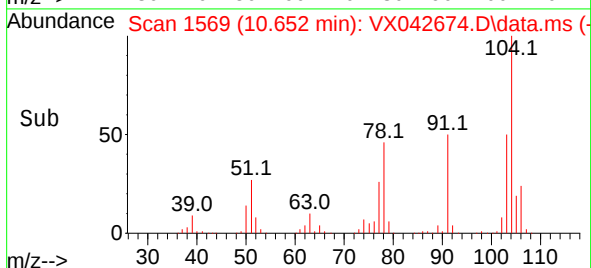
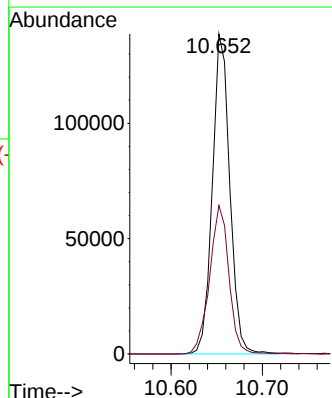
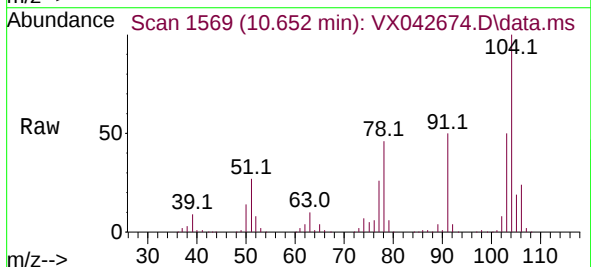
Acq: 28 Jul 2024 05:36

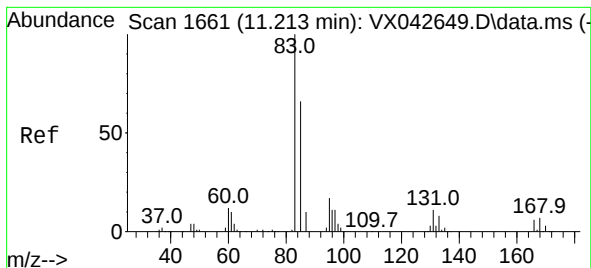
Tgt Ion:104 Resp: 183859

Ion Ratio Lower Upper

104 100

78 46.4 32.6 60.5

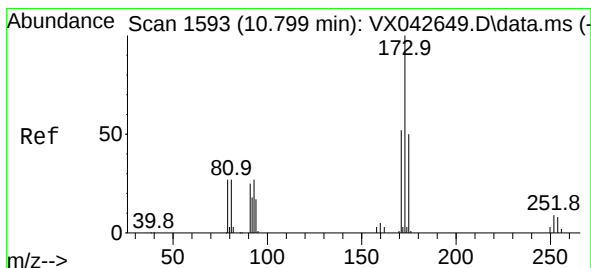
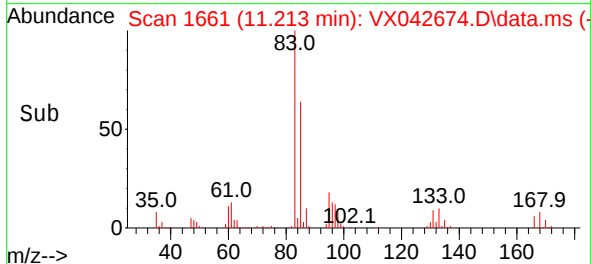
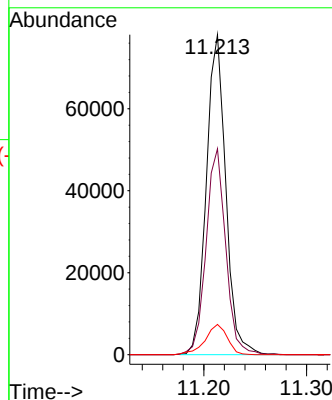
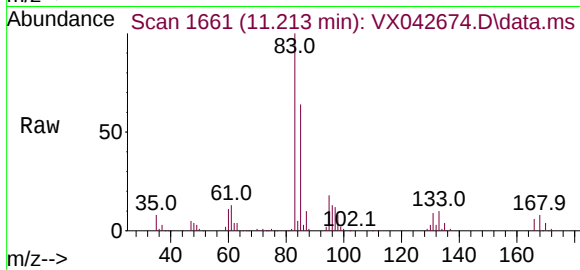




#57
1,1,2,2-Tetrachloroethane
Concen: 51.484 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

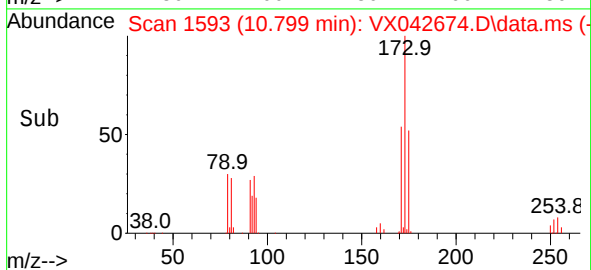
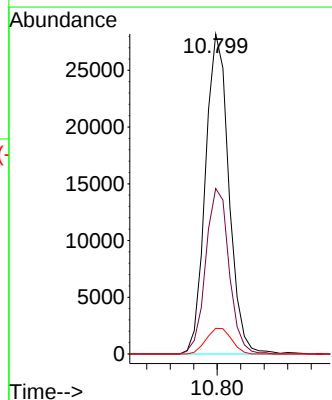
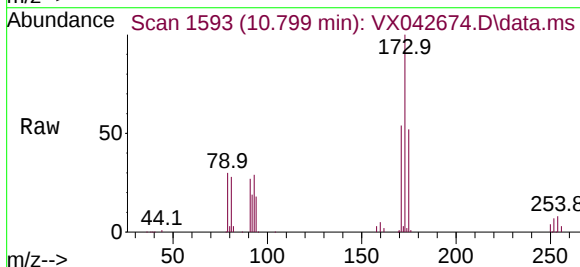
Instrument :
MSVOA_X
ClientSampleId :

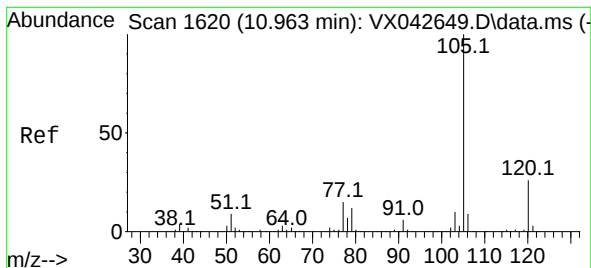
Tgt Ion: 83 Resp: 102365
Ion Ratio Lower Upper
83 100
85 64.4 46.1 85.5
131 9.5 8.6 13.0



#59
Bromoform
Concen: 49.345 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Tgt Ion:173 Resp: 39027
Ion Ratio Lower Upper
173 100
175 51.7 37.4 56.2
254 8.6 6.8 10.2





#60

Isopropylbenzene

Concen: 52.557 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

ClientSampleId :

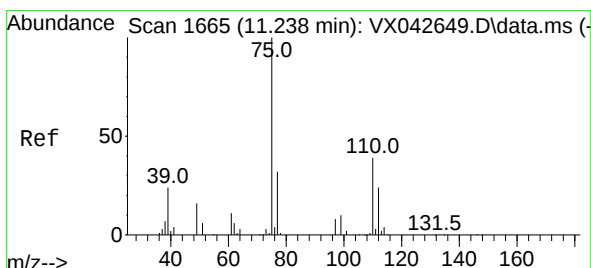
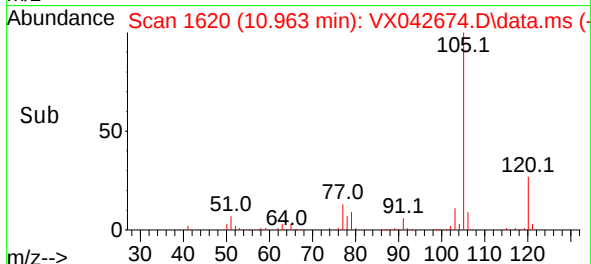
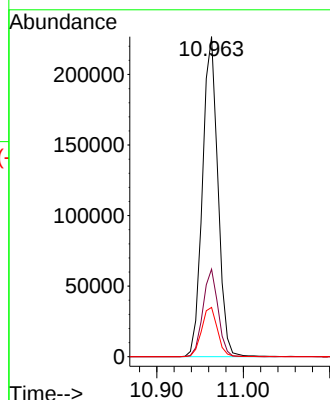
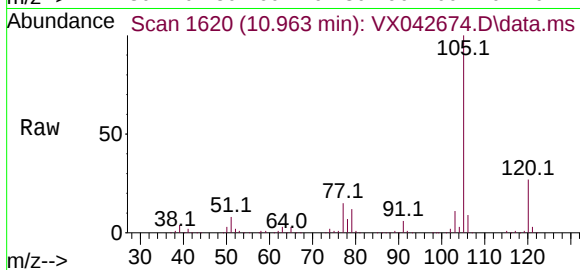
Tgt Ion:105 Resp: 279874

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

77 15.8 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 49.685 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

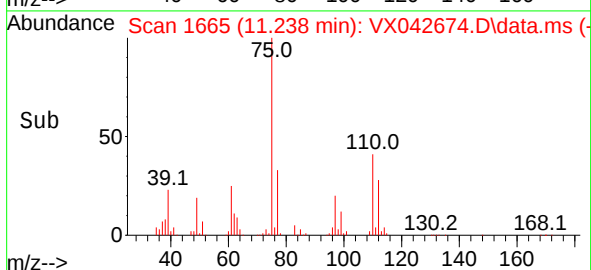
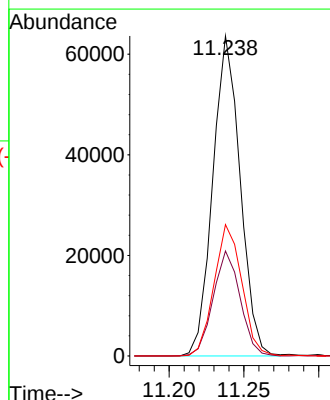
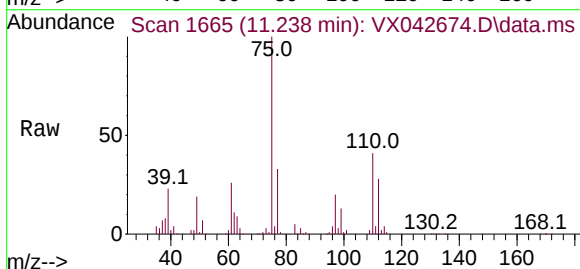
Tgt Ion: 75 Resp: 81010

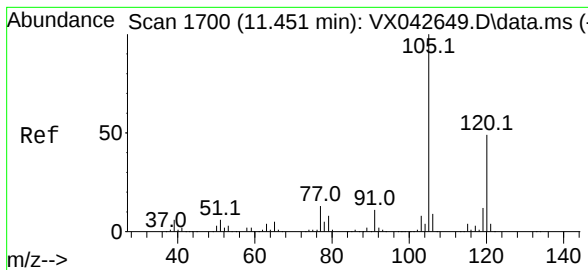
Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.4

110 41.5 33.0 49.4

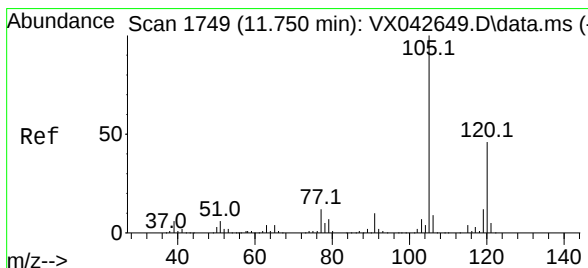
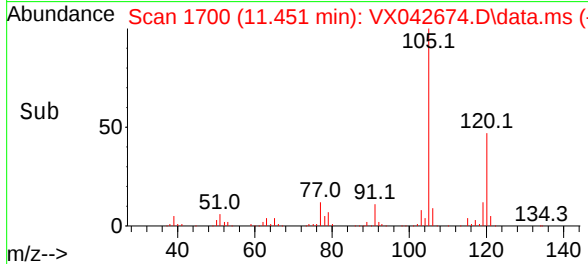
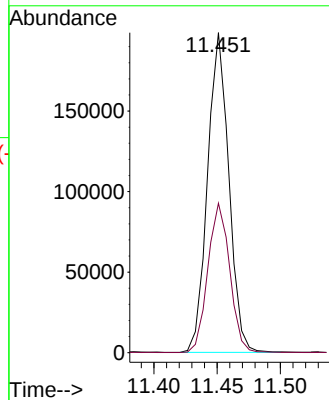
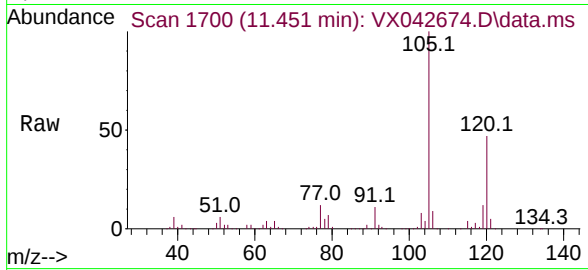




#62
1,3,5-Trimethylbenzene
Concen: 52.463 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

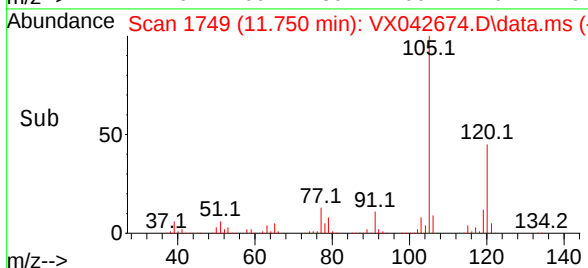
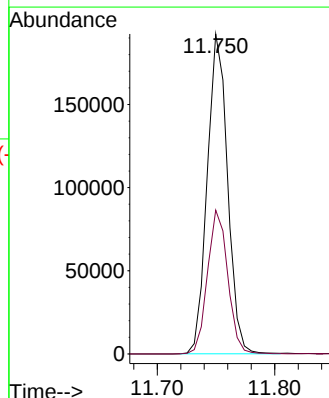
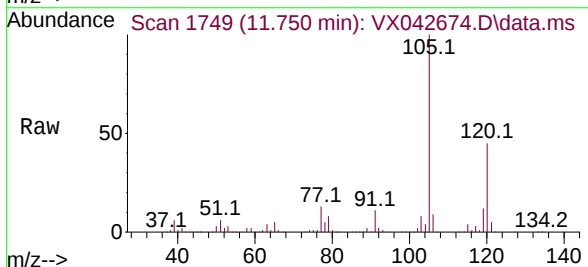
Instrument :
MSVOA_X
ClientSampleId :

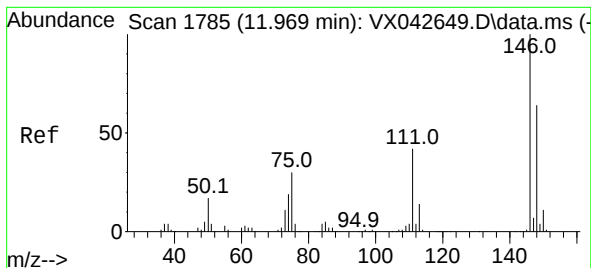
Tgt Ion:105 Resp: 232352
Ion Ratio Lower Upper
105 100
120 48.2 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 52.902 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042674.D
Acq: 28 Jul 2024 05:36

Tgt Ion:105 Resp: 231346
Ion Ratio Lower Upper
105 100
120 44.9 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 50.942 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

ClientSampleId :

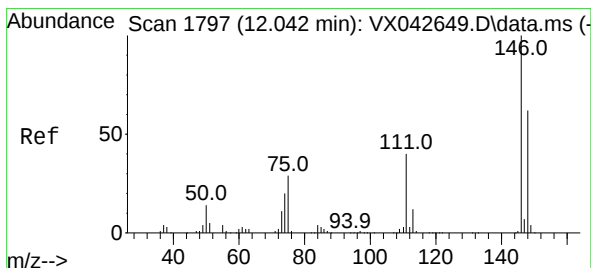
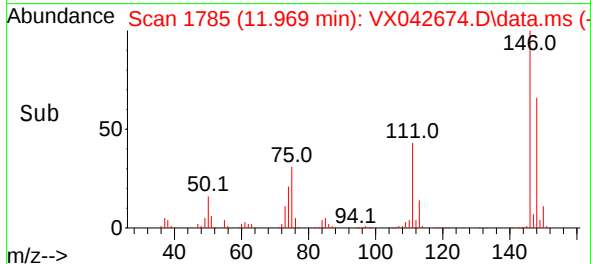
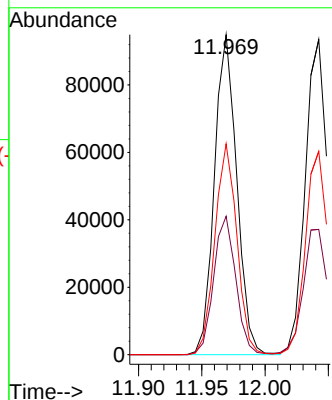
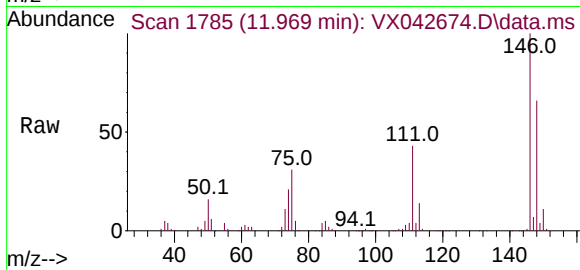
Tgt Ion:146 Resp: 116671

Ion Ratio Lower Upper

146 100

111 43.3 30.4 56.5

148 65.9 47.7 88.7



#65

1,4-Dichlorobenzene

Concen: 50.627 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

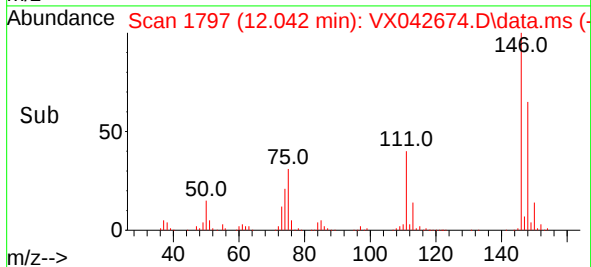
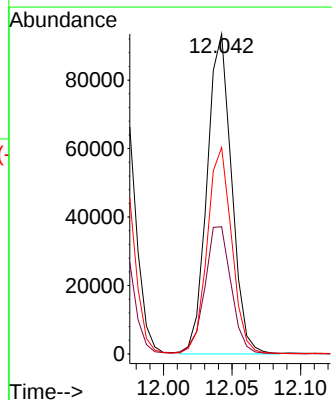
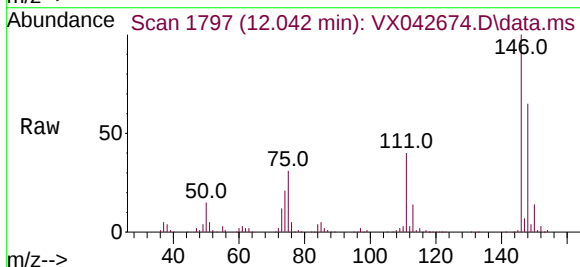
Tgt Ion:146 Resp: 116785

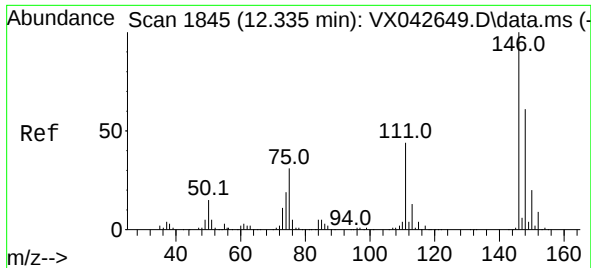
Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.7

148 64.5 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 51.730 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

ClientSampleId :

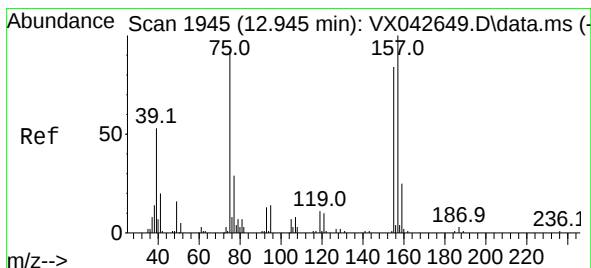
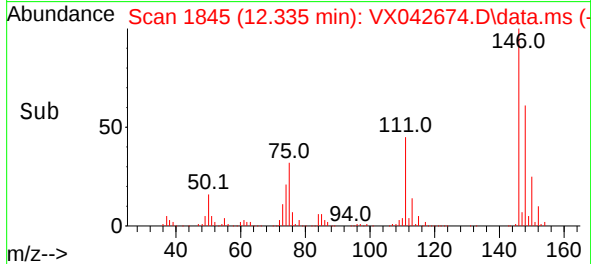
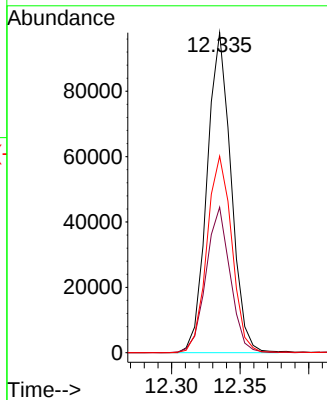
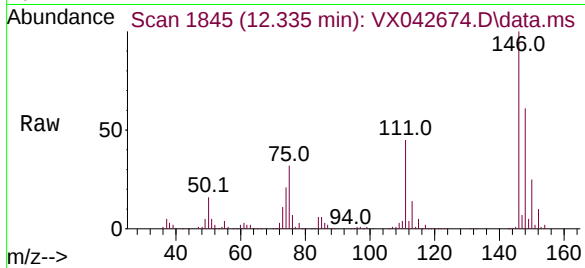
Tgt Ion:146 Resp: 119299

Ion Ratio Lower Upper

146 100

111 45.5 35.3 52.9

148 61.4 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 49.244 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

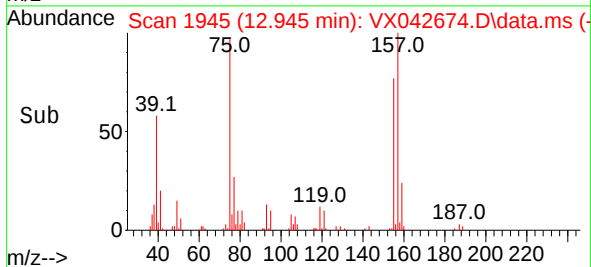
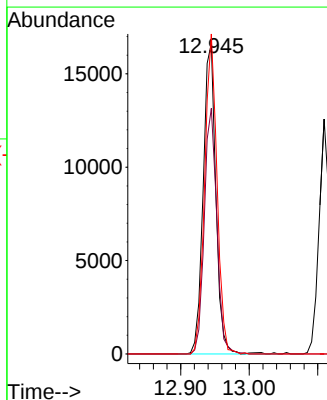
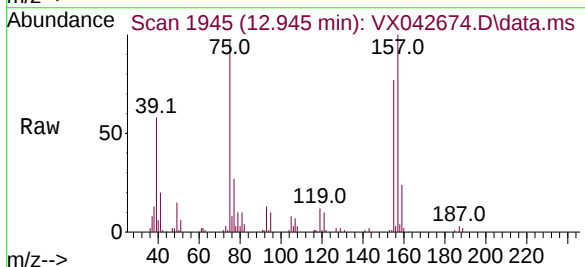
Tgt Ion: 75 Resp: 21390

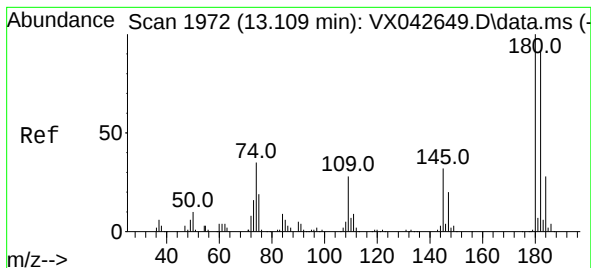
Ion Ratio Lower Upper

75 100

155 79.1 65.1 97.7

157 103.0 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 50.547 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

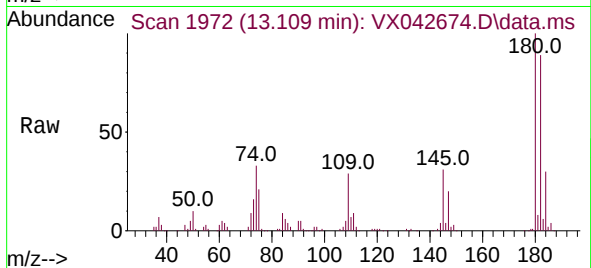
Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 71803

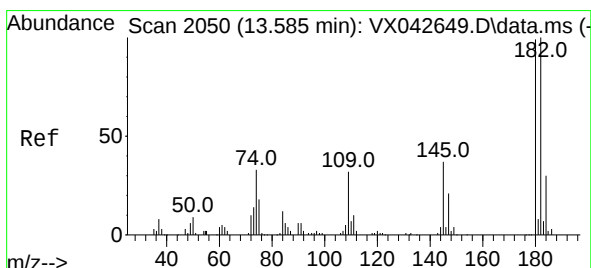
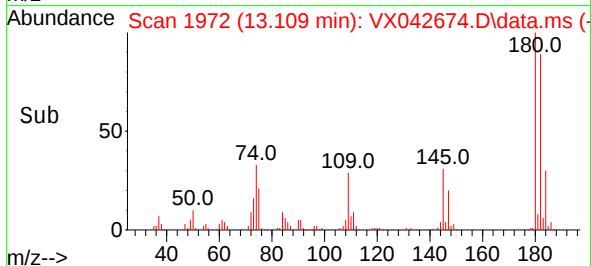
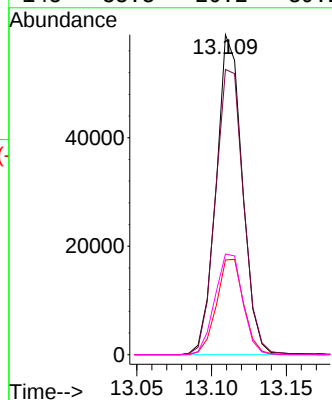
Ion Ratio Lower Upper

180 100

182 95.6 75.4 113.0

184 30.8 23.4 35.0

145 33.3 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 51.296 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

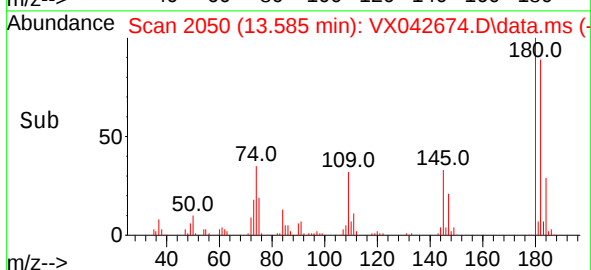
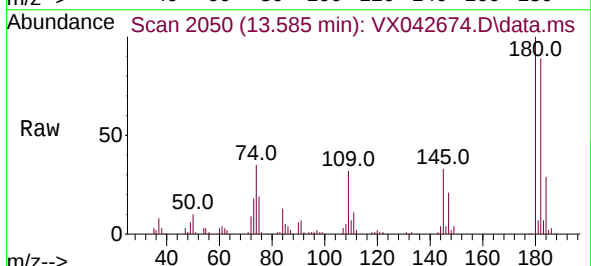
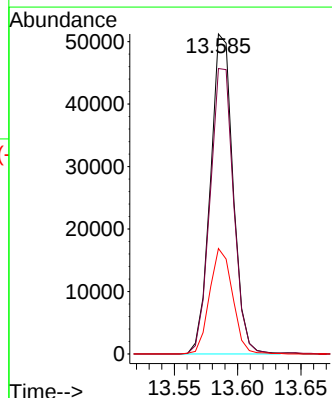
Tgt Ion:180 Resp: 63901

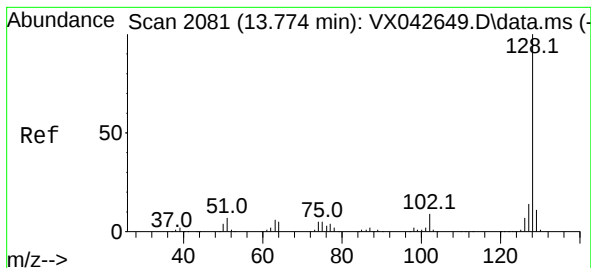
Ion Ratio Lower Upper

180 100

182 92.2 77.0 115.4

145 33.4 27.0 40.6





#71

Naphthalene

Concen: 52.272 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Instrument :

MSVOA_X

ClientSampleId :

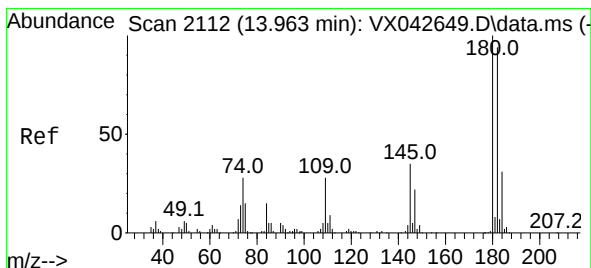
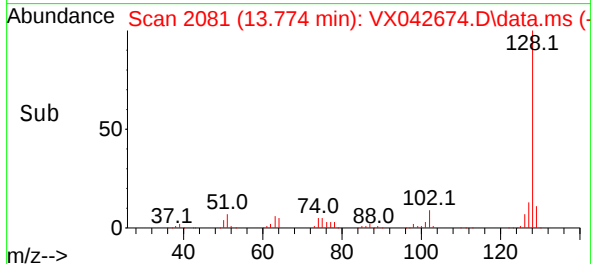
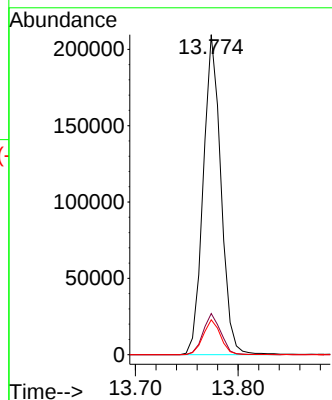
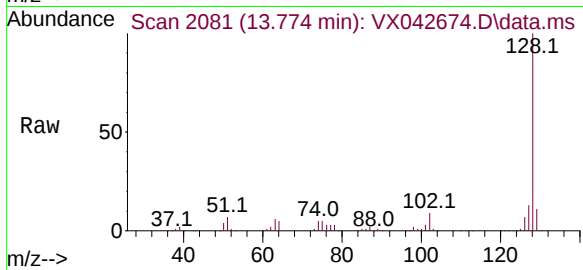
Tgt Ion:128 Resp: 251187

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.570 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX042674.D

Acq: 28 Jul 2024 05:36

Tgt Ion:180 Resp: 69127

Ion Ratio Lower Upper

180 100

182 92.9 76.2 114.2

145 35.3 27.6 41.4

