

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042649.D
 Acq On : 27 Jul 2024 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 29 02:46:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 29 02:34:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	180373	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	165085	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75669	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	37966	34.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.300%
7) Chloroethane-d5	1.648	69	18646	41.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.580%
11) 1,1-Dichloroethene-d2	2.294	65	20725	38.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.760%
21) 2-Butanone-d5	4.465	46	72770	89.598	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	5.056	84	108976	45.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
26) 1,2-Dichloroethane-d4	5.958	65	69313	44.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
32) Benzene-d6	5.970	84	200874	43.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	7.305	67	58703	43.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.580%
41) Toluene-d8	8.647	98	180630	43.971	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.940%
43) trans-1,3-Dichloroprop...	8.952	79	28462	44.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.700%
47) 2-Hexanone-d5	9.384	63	56125	92.575	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.580%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	88213	45.182	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	64739	45.270	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	75336	47.275	ug/L	99
3) Chloromethane	1.300	50	57817	43.874	ug/L	96
5) Vinyl chloride	1.374	62	54784	43.733	ug/L	95
6) Bromomethane	1.599	94	18459	47.097	ug/L	98
8) Chloroethane	1.660	64	19531	42.584	ug/L	98
9) Trichlorofluoromethane	1.867	101	72102	40.664	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	60903	47.799	ug/L	99
12) 1,1-Dichloroethene	2.306	96	54434	46.682	ug/L	91
13) Acetone	2.392	43	52639	82.913	ug/L	98
14) Carbon disulfide	2.501	76	128443	45.113	ug/L	98
15) Methyl Acetate	2.709	43	63631	45.216	ug/L	99
16) Methylene chloride	2.788	84	63282	46.992	ug/L	92
17) trans-1,2-Dichloroethene	3.087	96	57436	47.997	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	196792	47.445	ug/L	99
19) 1,1-Dichloroethane	3.605	63	107276	46.953	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	67402	49.313	ug/L	94
22) 2-Butanone	4.568	43	85814	88.751	ug/L	96
23) Bromochloromethane	4.903	128	30632	47.327	ug/L	94
25) Chloroform	5.092	83	116658	47.886	ug/L	100

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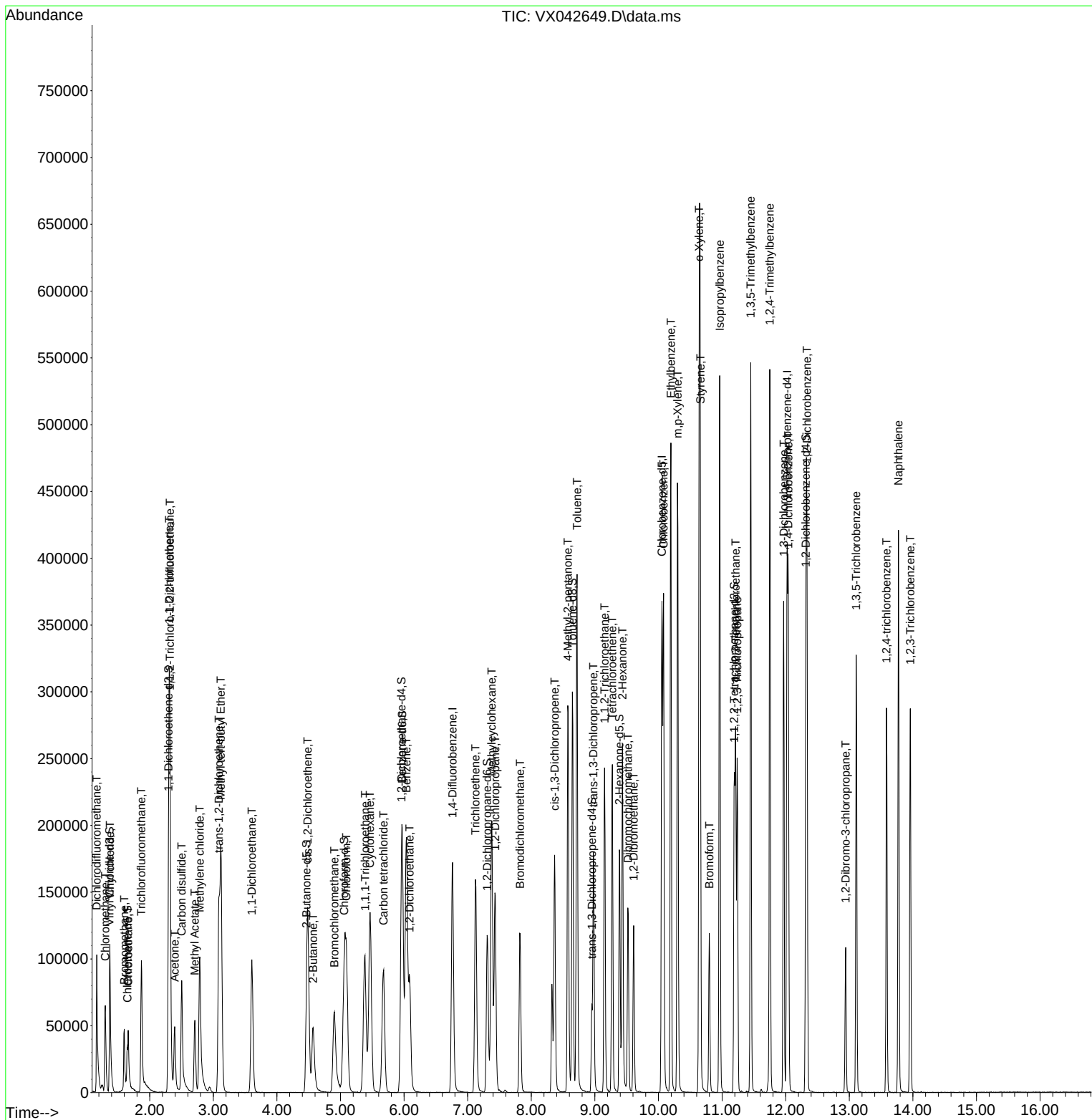
Instrument :
 MSVOA_X
 ClientSampleId :

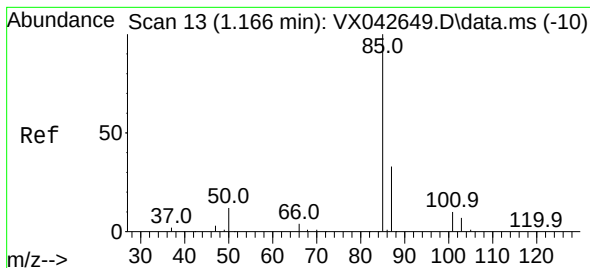
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 Quant Title : VOC Analysis
 QLast Update : Mon Jul 29 02:34:37 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	91689	47.388	ug/L	98
29) Cyclohexane	5.464	56	91036	46.647	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	102924	48.810	ug/L	99
31) Carbon tetrachloride	5.678	117	86335	48.473	ug/L	100
33) Benzene	6.037	78	241172	47.737	ug/L	100
34) Trichloroethene	7.123	95	63798	47.266	ug/L	96
35) Methylcyclohexane	7.379	83	97734	47.841	ug/L	97
37) 1,2-Dichloropropane	7.434	63	60076	45.755	ug/L	98
38) Bromodichloromethane	7.824	83	79476	46.832	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	96344	47.803	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	163994	90.781	ug/L	95
42) Toluene	8.720	91	258020	49.586	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	88379	48.376	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	66134	49.870	ug/L	98
46) Tetrachloroethene	9.275	164	45189	49.091	ug/L	97
48) 2-Hexanone	9.433	43	127376	90.662	ug/L	94
49) Dibromochloromethane	9.518	129	61651	49.785	ug/L	92
50) 1,2-Dibromoethane	9.610	107	68967	50.003	ug/L	98
51) Chlorobenzene	10.079	112	165215	49.099	ug/L	97
52) Ethylbenzene	10.195	91	282990	49.584	ug/L	98
53) m,p-Xylene	10.299	106	109546	50.951	ug/L	94
54) o-Xylene	10.640	106	107721	50.365	ug/L	100
55) Styrene	10.659	104	183817	51.557	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	102332	48.254	ug/L	99
59) Bromoform	10.799	173	41035	48.323	ug/L	98
60) Isopropylbenzene	10.963	105	279619	48.905	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	81010	46.276	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	229489	48.261	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	230221	49.032	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	116701	47.458	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	118444	47.822	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	120334	48.598	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	21656	46.435	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	74340	48.741	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	64374	48.130	ug/L	99
71) Naphthalene	13.774	128	247391	47.949	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	66629	48.091	ug/L	99

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

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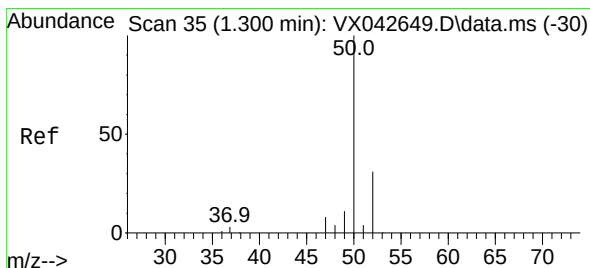
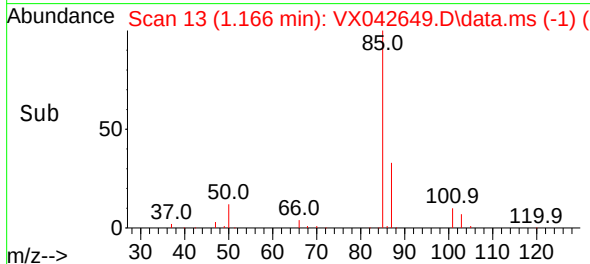
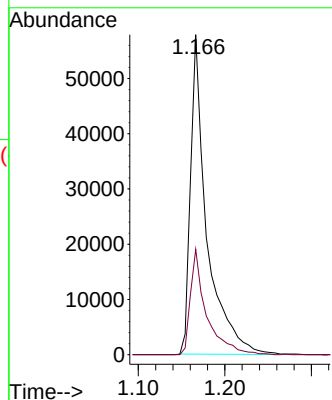
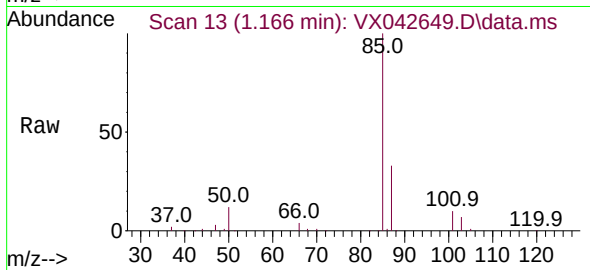




#2
 Dichlorodifluoromethane
 Concen: 47.275 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX042649.D
 Acq: 27 Jul 2024 19:59

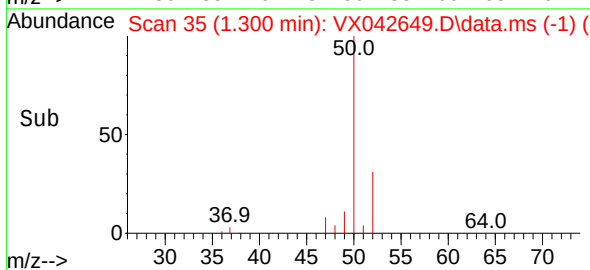
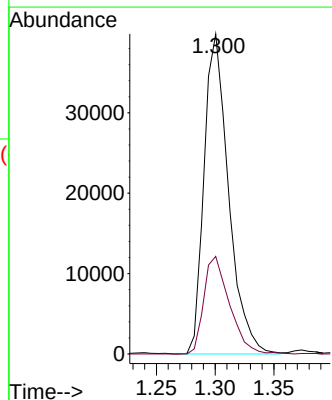
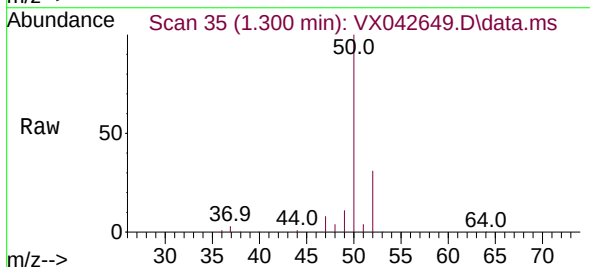
Instrument :
 MSVOA_X
 ClientSampleId :

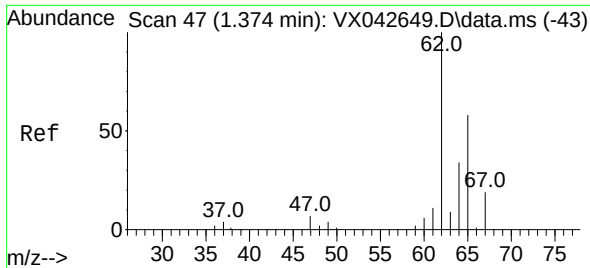
Tgt Ion: 85 Resp: 75336
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 43.874 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX042649.D
 Acq: 27 Jul 2024 19:59

Tgt Ion: 50 Resp: 57817
 Ion Ratio Lower Upper
 50 100
 52 30.5 23.0 42.6

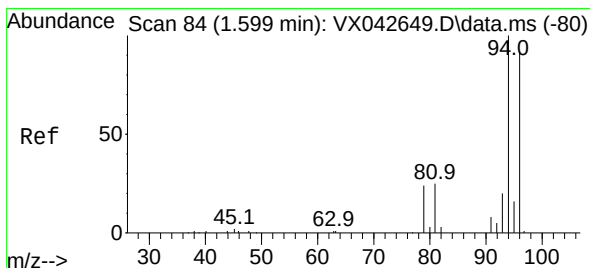
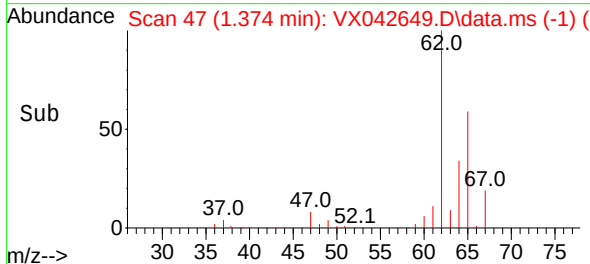
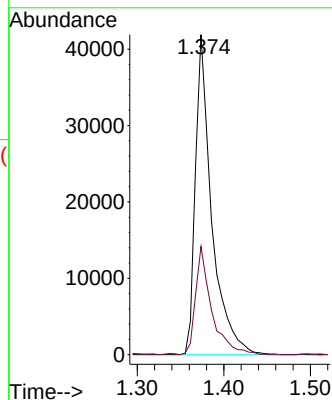
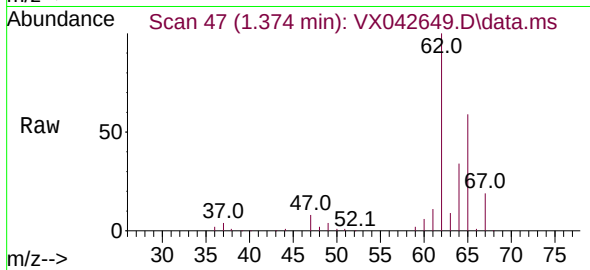




#5
Vinyl chloride
Concen: 43.733 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

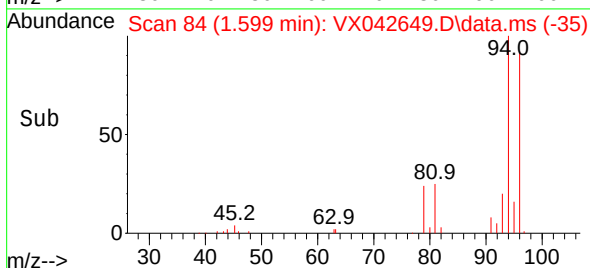
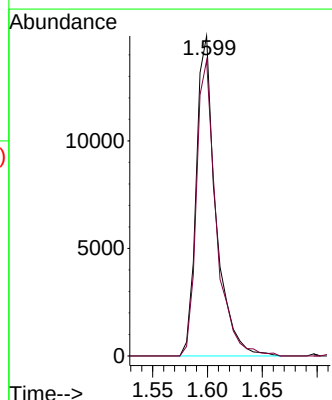
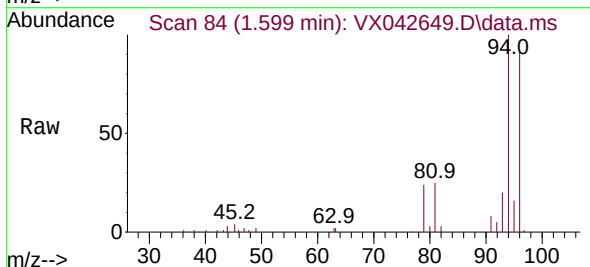
Instrument :
MSVOA_X
ClientSampleId :

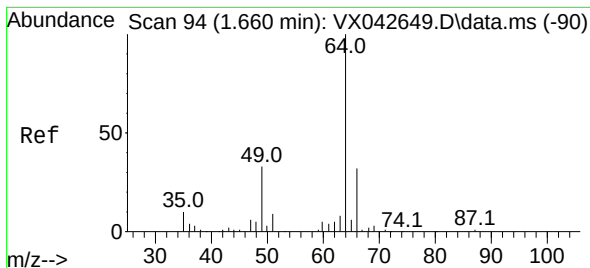
Tgt Ion: 62 Resp: 54784
Ion Ratio Lower Upper
62 100
64 33.8 21.6 40.0



#6
Bromomethane
Concen: 47.097 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Tgt Ion: 94 Resp: 18459
Ion Ratio Lower Upper
94 100
96 92.4 66.1 122.7





#8

Chloroethane

Concen: 42.584 ug/L

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

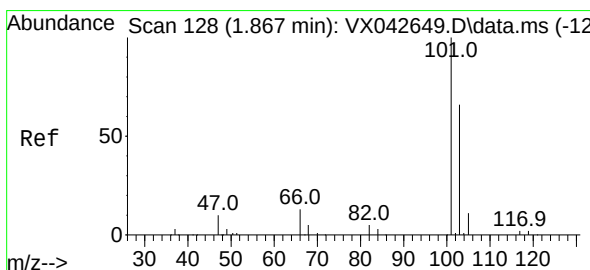
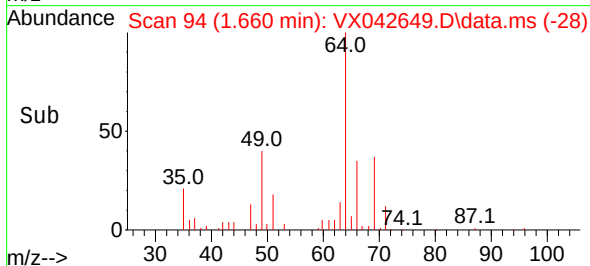
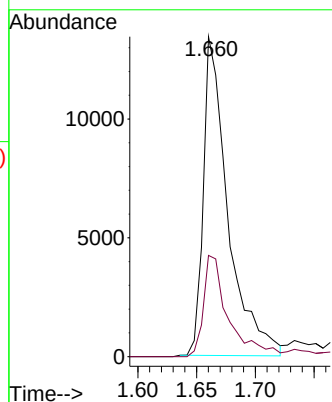
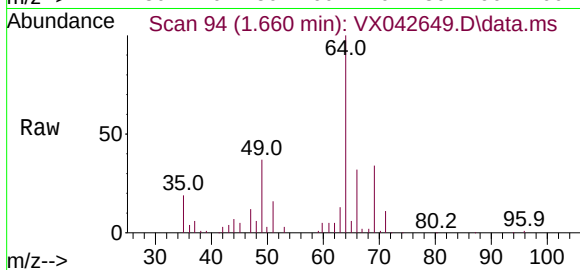
ClientSampleId :

Tgt Ion: 64 Resp: 19531

Ion Ratio Lower Upper

64 100

66 31.6 21.4 39.8



#9

Trichlorofluoromethane

Concen: 40.664 ug/L

RT: 1.867 min Scan# 128

Delta R.T. 0.000 min

Lab File: VX042649.D

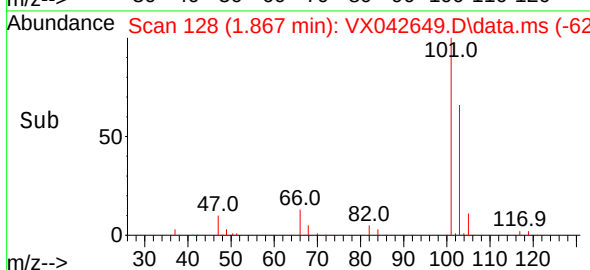
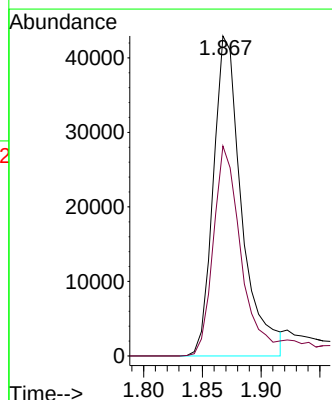
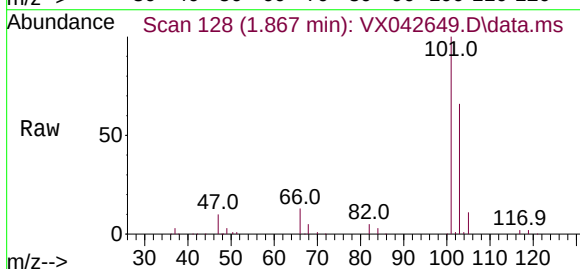
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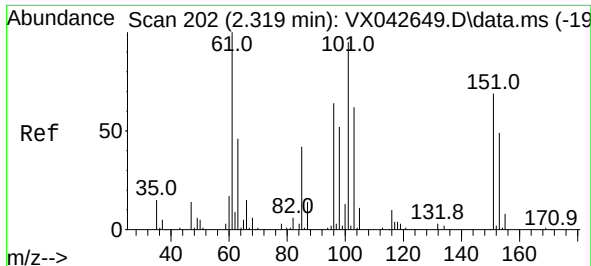
Tgt Ion:101 Resp: 72102

Ion Ratio Lower Upper

101 100

103 63.6 45.2 67.8

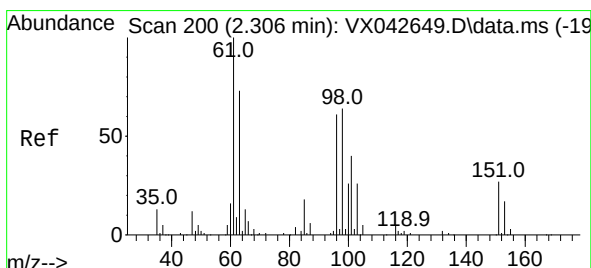
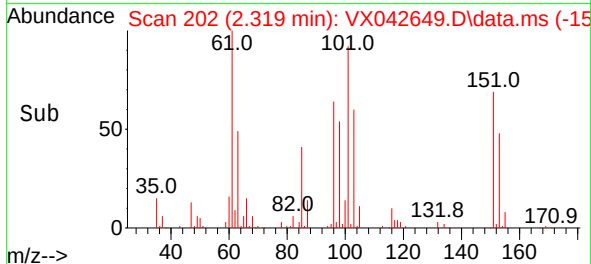
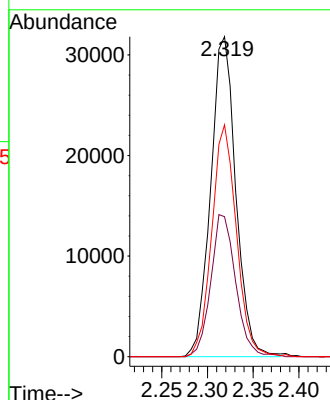
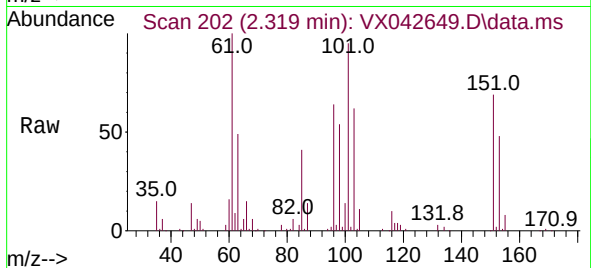




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.799 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX042649.D
 Acq: 27 Jul 2024 19:59

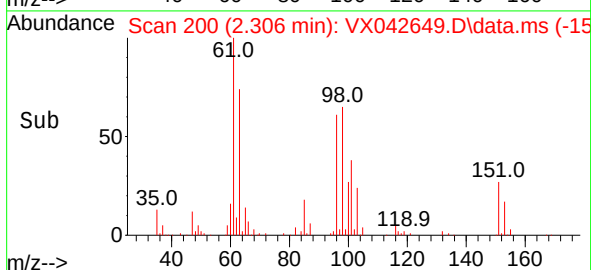
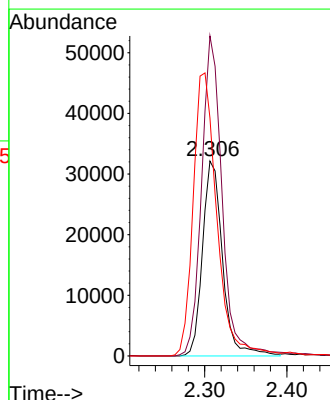
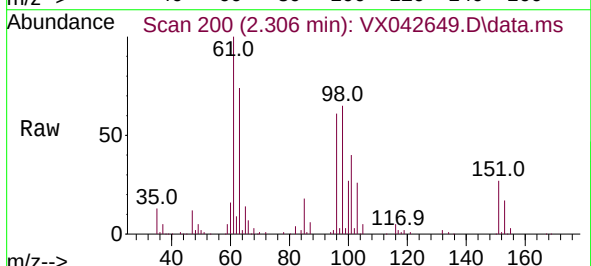
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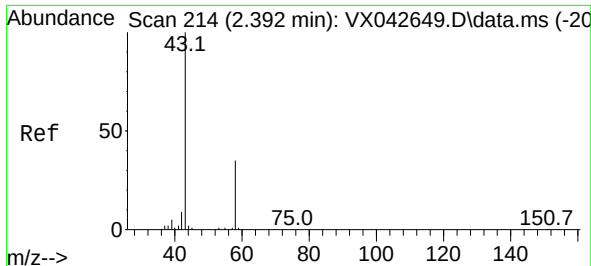
Tgt Ion:101	Resp:	60903
Ion	Ratio	Lower Upper
101	100	
85	43.9	34.4 51.6
151	70.9	56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 46.682 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX042649.D
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Tgt Ion: 96	Resp:	54434
Ion	Ratio	Lower Upper
96	100	
61	164.2	113.0 209.9
63	122.0	70.5 130.9





#13

Acetone

Concen: 82.913 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

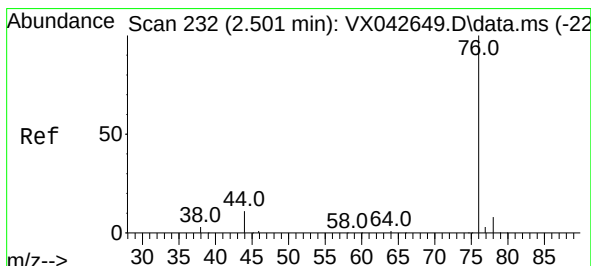
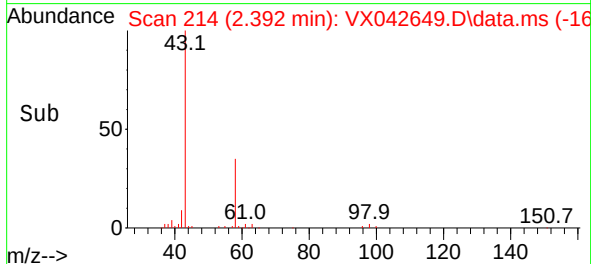
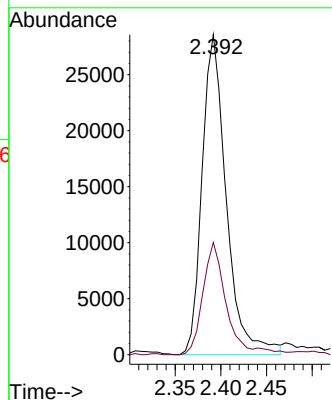
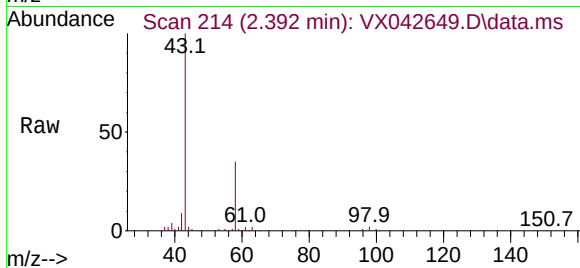
ClientSampleId :

Tgt Ion: 43 Resp: 52639

Ion Ratio Lower Upper

43 100

58 32.3 0.0 62.4



#14

Carbon disulfide

Concen: 45.113 ug/L

RT: 2.501 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX042649.D

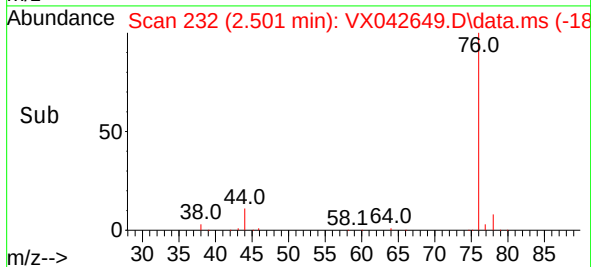
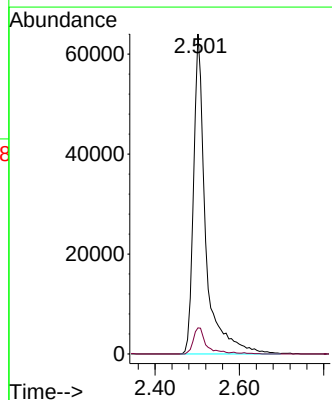
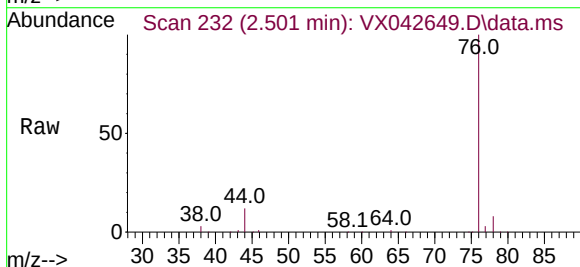
Acq: 27 Jul 2024 19:59

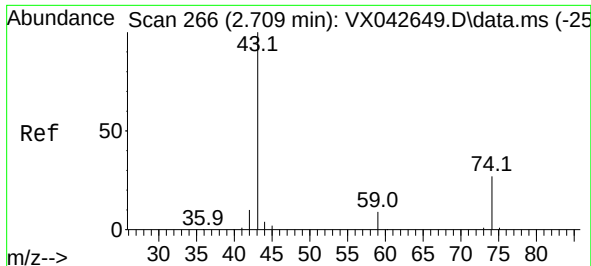
Tgt Ion: 76 Resp: 128443

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.6





#15

Methyl Acetate

Concen: 45.216 ug/L

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

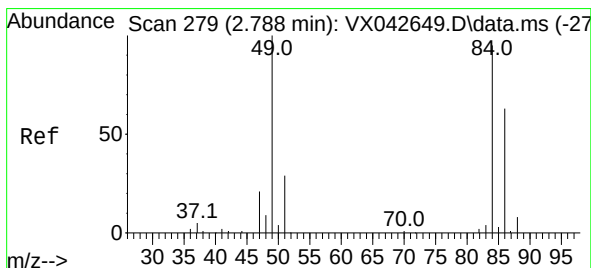
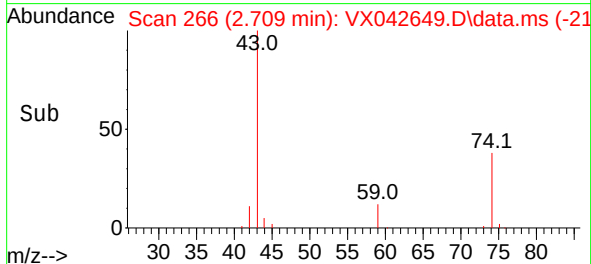
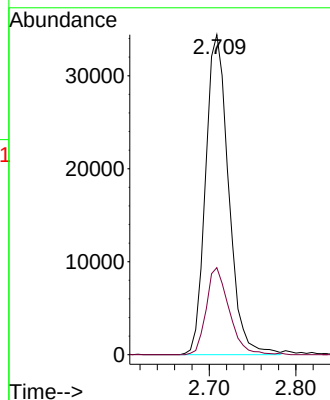
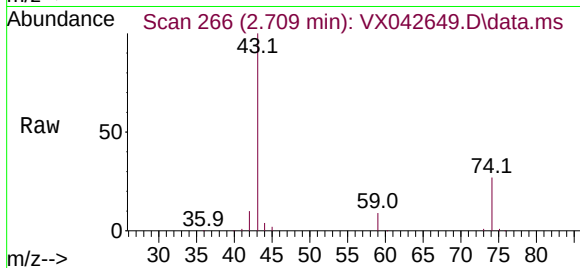
ClientSampleId :

Tgt Ion: 43 Resp: 63631

Ion Ratio Lower Upper

43 100

74 26.9 21.0 31.4



#16

Methylene chloride

Concen: 46.992 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

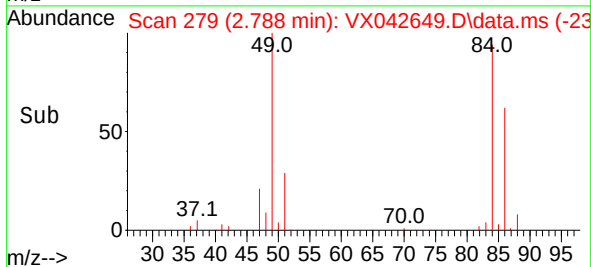
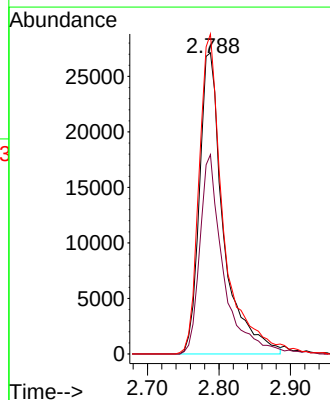
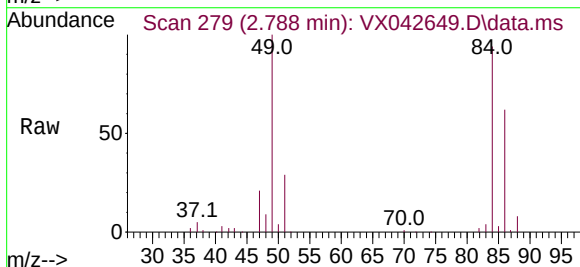
Tgt Ion: 84 Resp: 63282

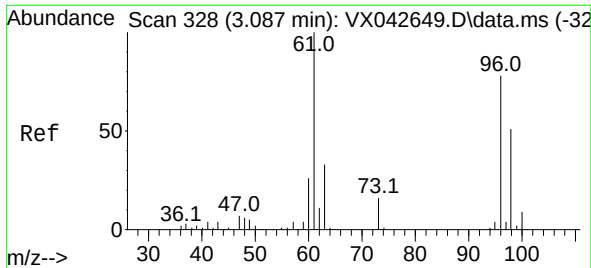
Ion Ratio Lower Upper

84 100

86 66.2 43.5 80.7

49 106.3 81.1 150.7

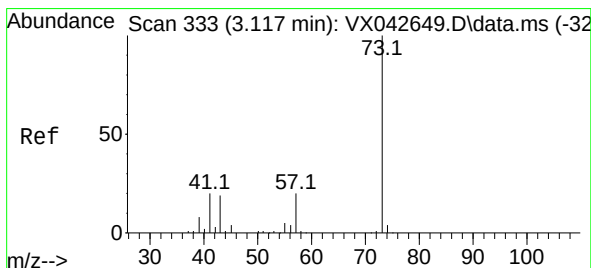
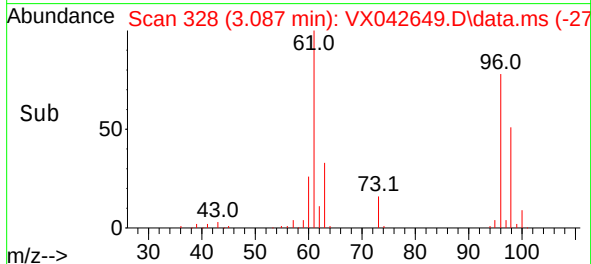
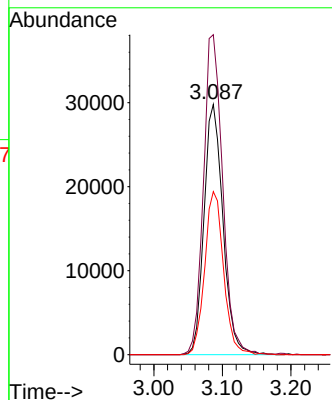
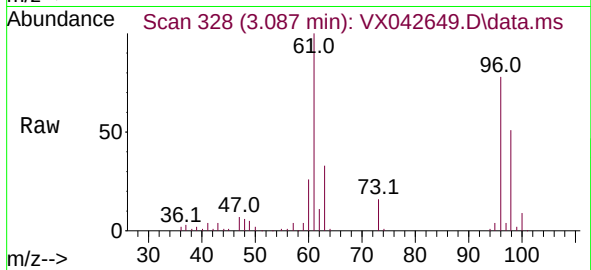




#17
trans-1,2-Dichloroethene
Concen: 47.997 ug/L
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

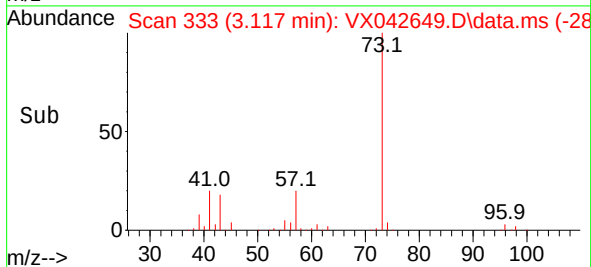
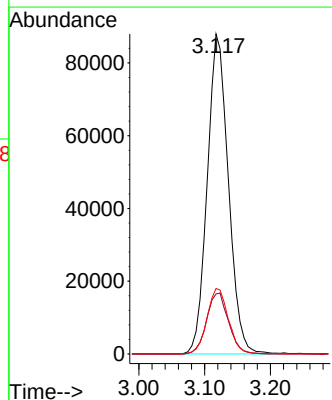
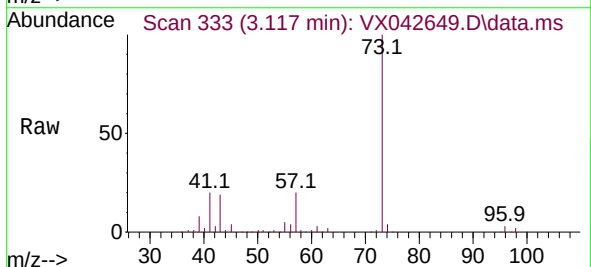
Instrument :
MSVOA_X
ClientSampleId :

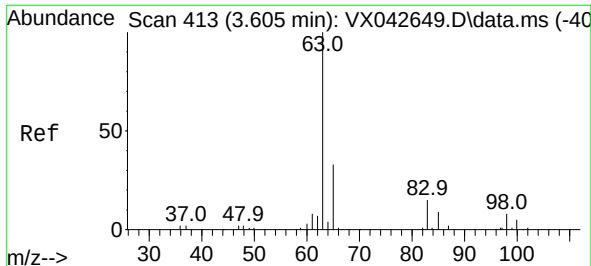
Tgt Ion: 96 Resp: 57436
Ion Ratio Lower Upper
96 100
61 127.9 99.3 184.3
98 65.1 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 47.445 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Tgt Ion: 73 Resp: 196792
Ion Ratio Lower Upper
73 100
43 19.7 15.4 23.2
57 20.7 16.9 25.3





#19

1,1-Dichloroethane

Concen: 46.953 ug/L

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

ClientSampleId :

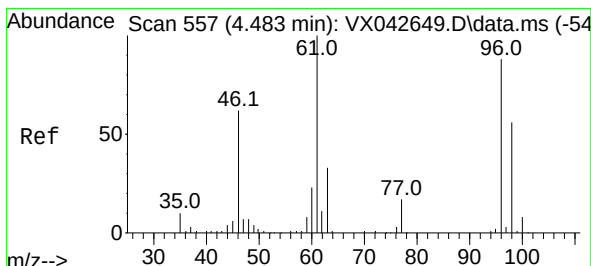
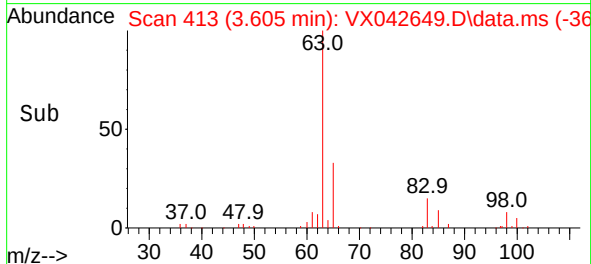
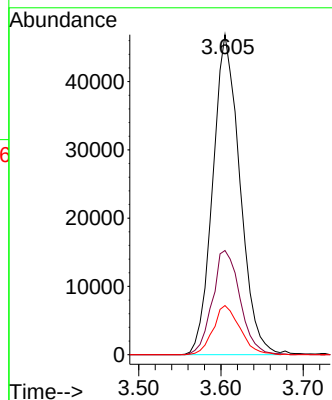
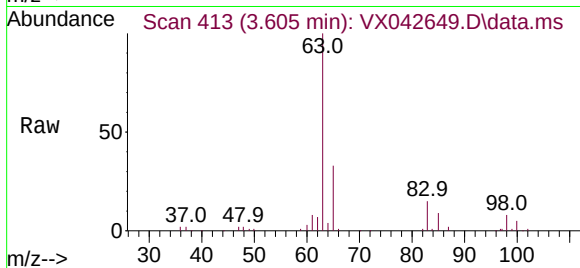
Tgt Ion: 63 Resp: 107276

Ion Ratio Lower Upper

63 100

65 32.6 23.6 43.8

83 15.3 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 49.313 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

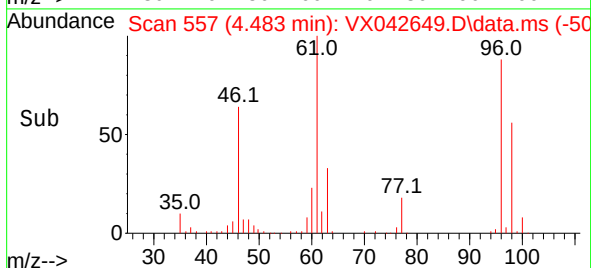
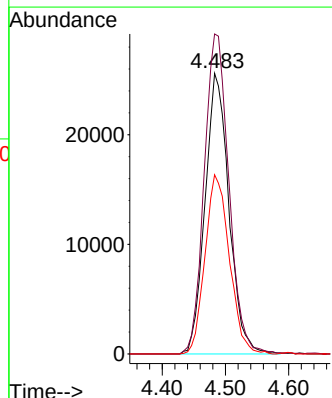
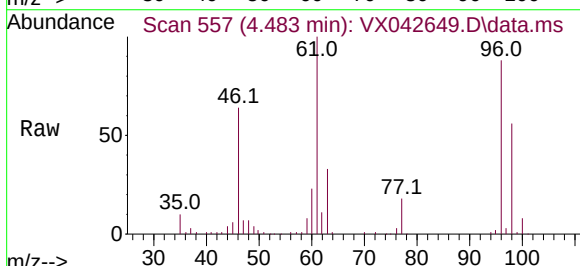
Tgt Ion: 96 Resp: 67402

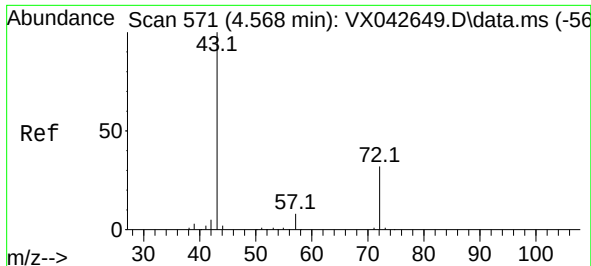
Ion Ratio Lower Upper

96 100

61 114.0 85.3 158.3

98 63.8 42.7 79.3

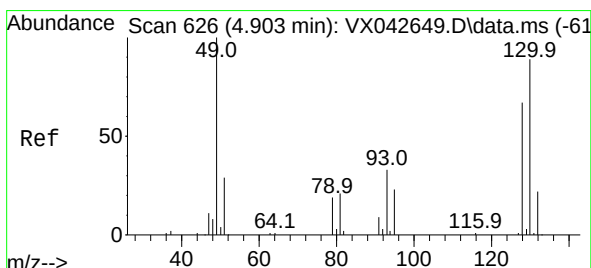
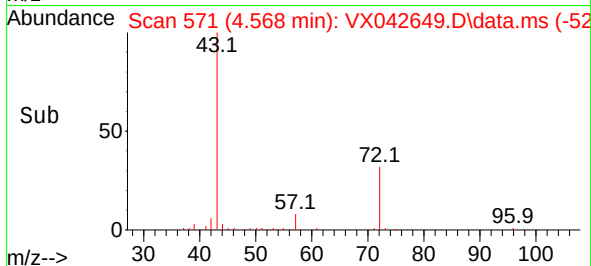
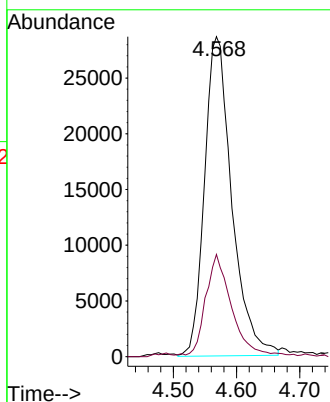
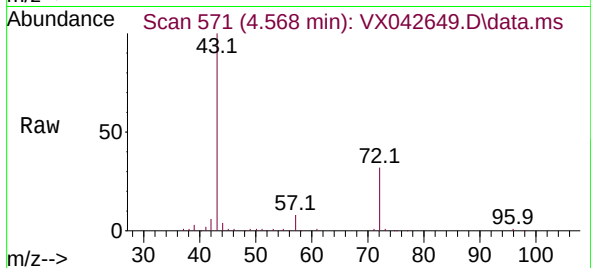




#22
2-Butanone
Concen: 88.751 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

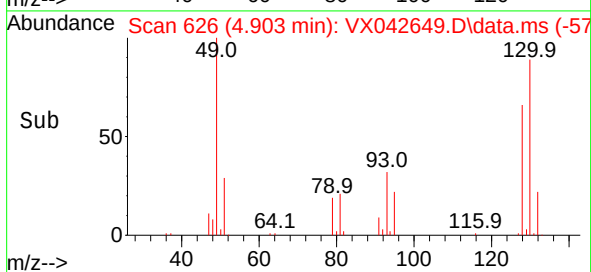
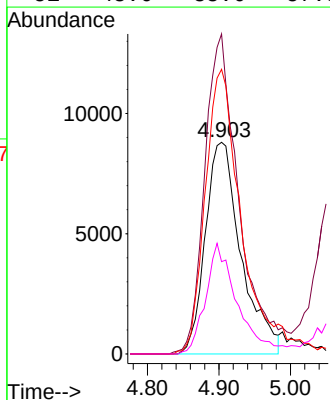
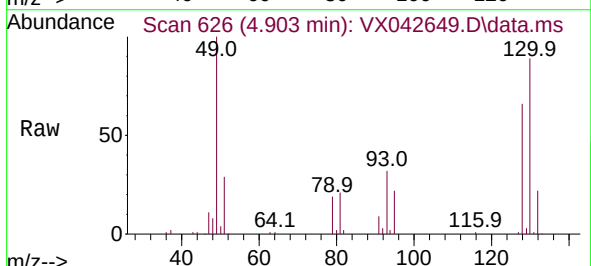
Instrument :
MSVOA_X
ClientSampleId :

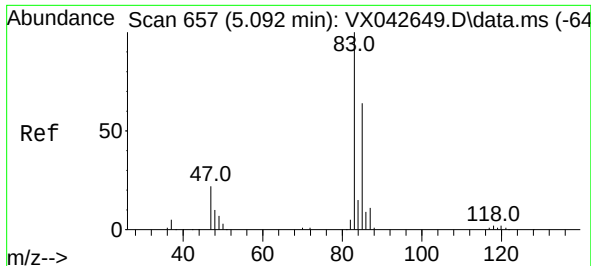
Tgt Ion: 43 Resp: 85814
Ion Ratio Lower Upper
43 100
72 28.9 13.4 40.2



#23
Bromochloromethane
Concen: 47.327 ug/L
RT: 4.903 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Tgt Ion: 128 Resp: 30632
Ion Ratio Lower Upper
128 100
49 151.2 107.0 198.6
130 134.5 85.5 158.9
51 43.6 38.6 57.8





#25

Chloroform

Concen: 47.886 ug/L

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

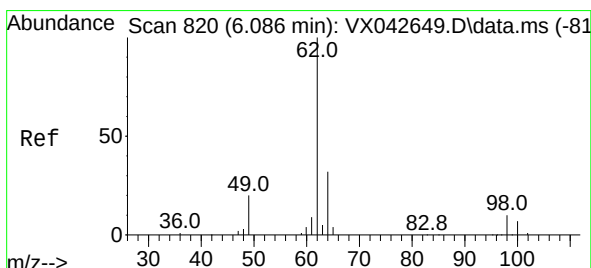
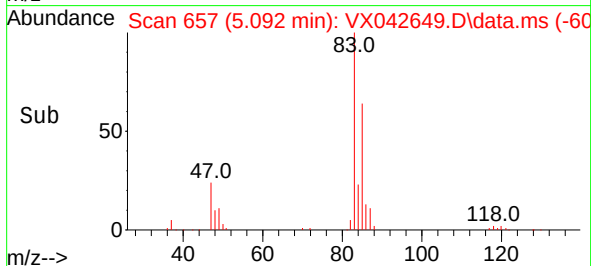
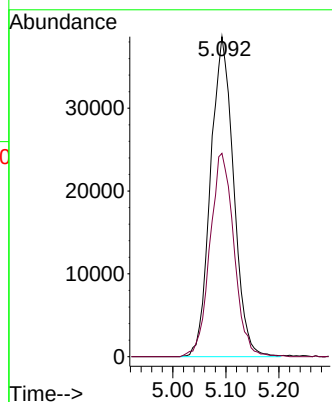
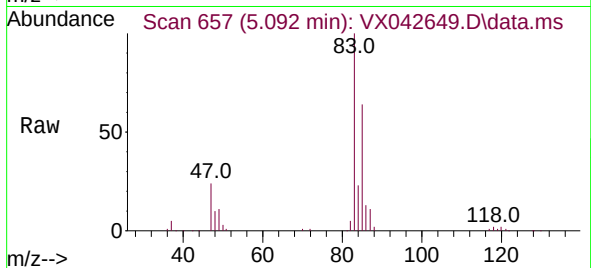
ClientSampleId :

Tgt Ion: 83 Resp: 116658

Ion Ratio Lower Upper

83 100

85 63.5 44.3 82.3



#27

1,2-Dichloroethane

Concen: 47.388 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042649.D

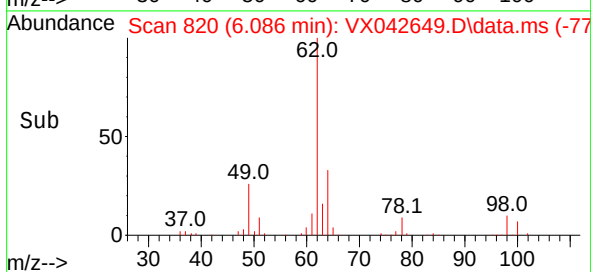
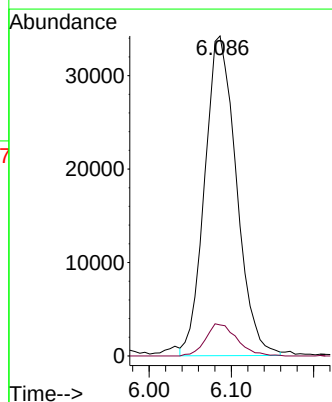
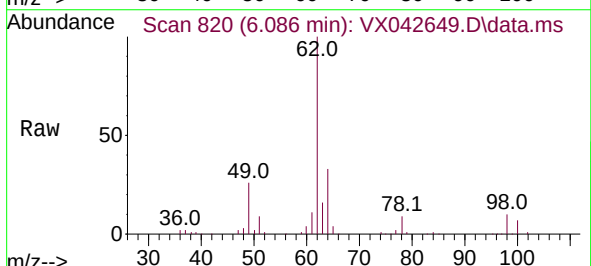
Acq: 27 Jul 2024 19:59

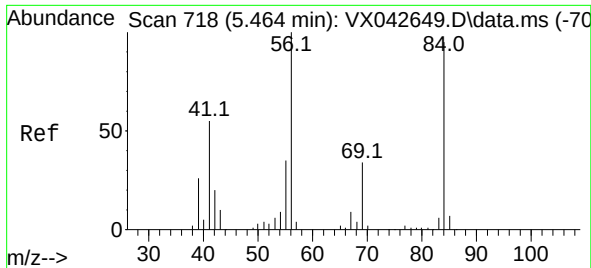
Tgt Ion: 62 Resp: 91689

Ion Ratio Lower Upper

62 100

98 9.7 7.1 10.7





#29

Cyclohexane

Concen: 46.647 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

ClientSampleId :

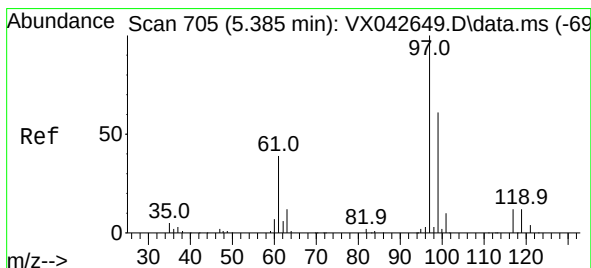
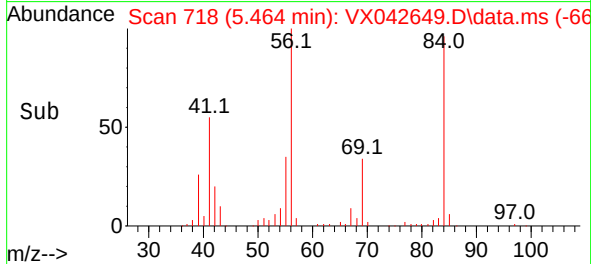
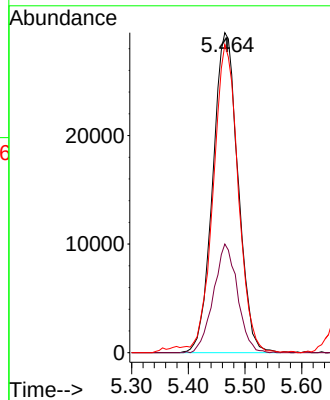
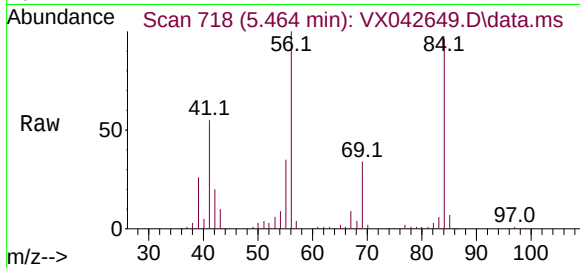
Tgt Ion: 56 Resp: 91036

Ion Ratio Lower Upper

56 100

69 32.3 26.1 39.1

84 94.4 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 48.810 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

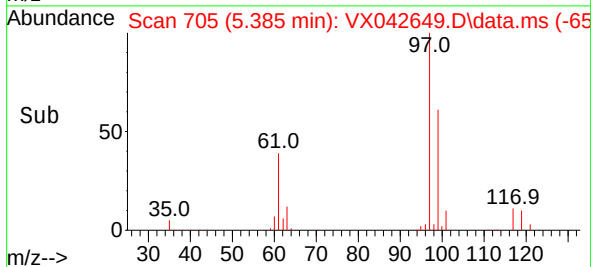
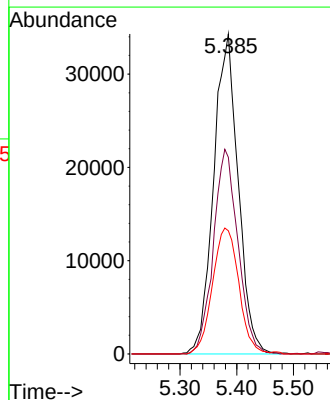
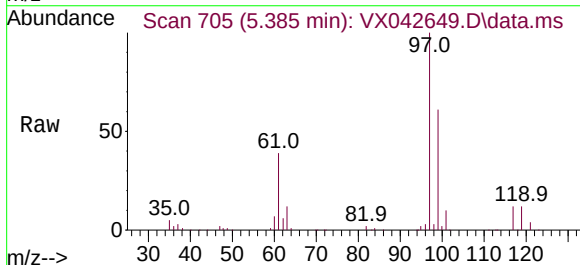
Tgt Ion: 97 Resp: 102924

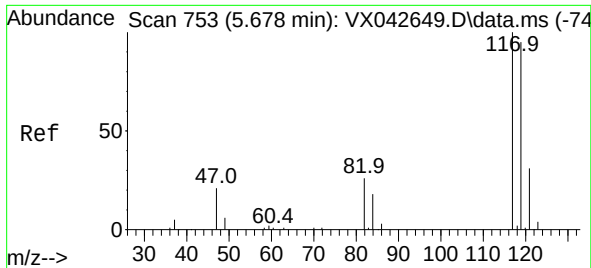
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

61 42.2 34.4 51.6

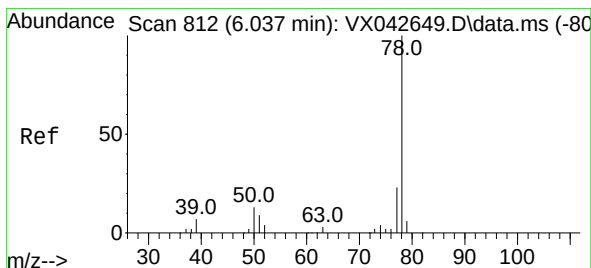
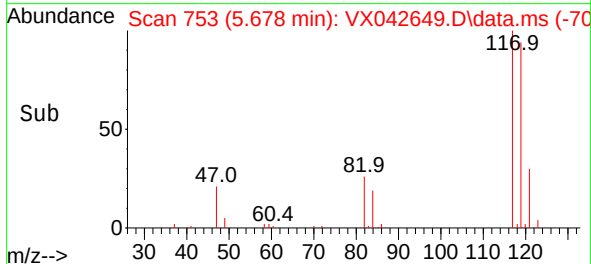
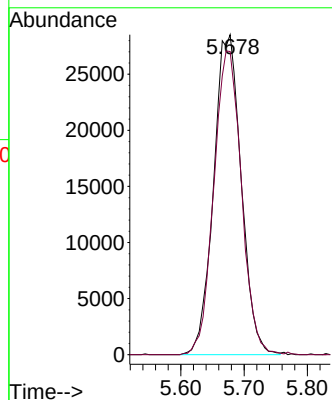
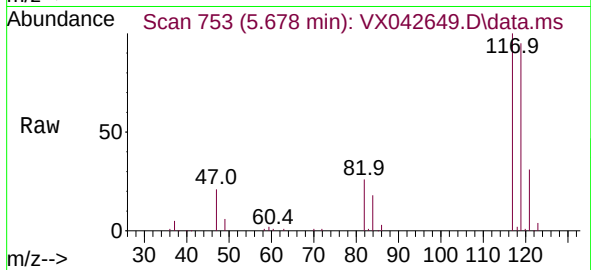




#31
Carbon tetrachloride
Concen: 48.473 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

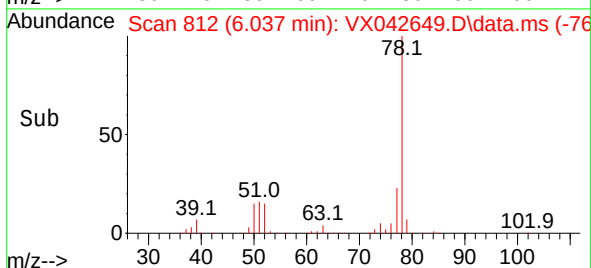
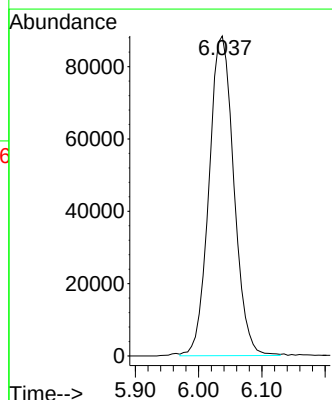
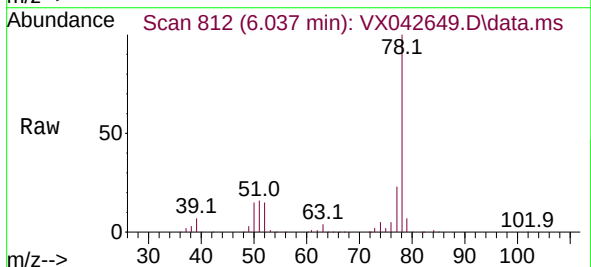
Instrument :
MSVOA_X
ClientSampleId :

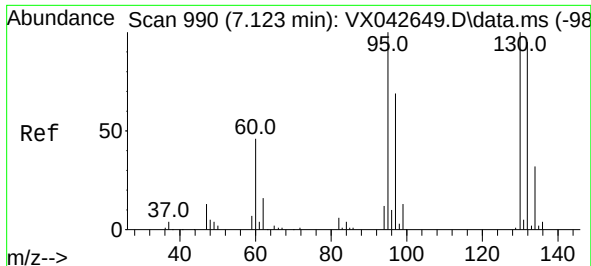
Tgt Ion:117 Resp: 86335
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2



#33
Benzene
Concen: 47.737 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Tgt Ion: 78 Resp: 241172





#34

Trichloroethene

Concen: 47.266 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

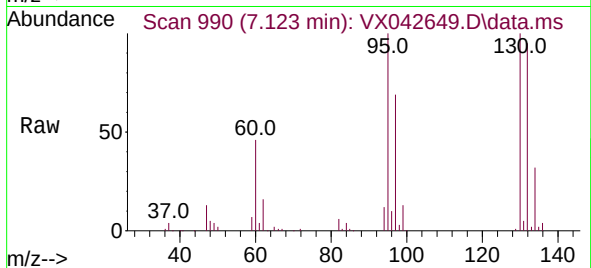
Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 63798

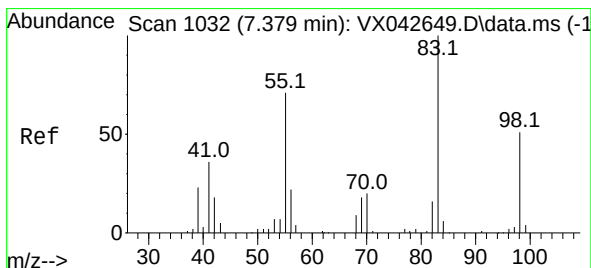
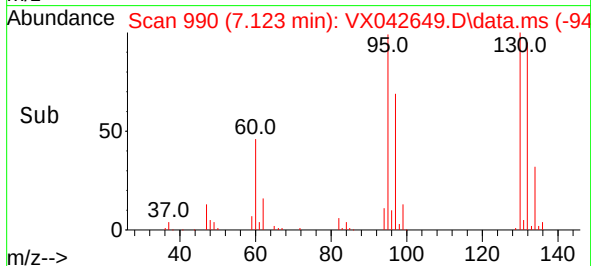
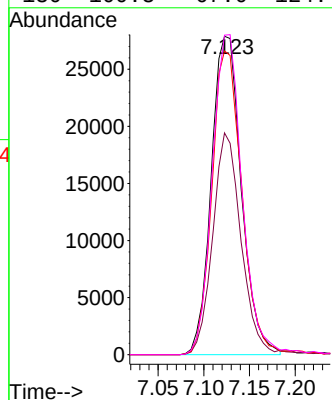
Ion Ratio Lower Upper

95 100

97 69.7 46.3 86.1

132 95.4 64.3 119.5

130 100.3 67.0 124.4



#35

Methylcyclohexane

Concen: 47.841 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

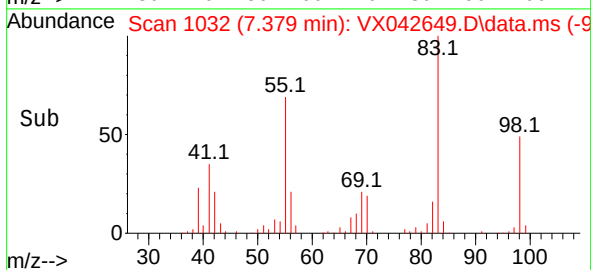
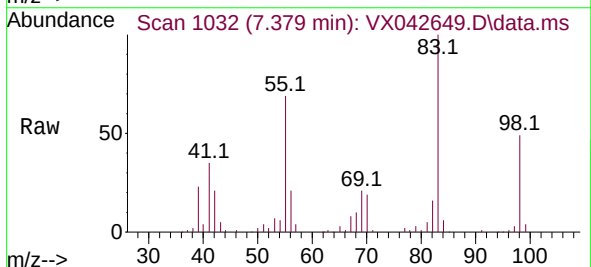
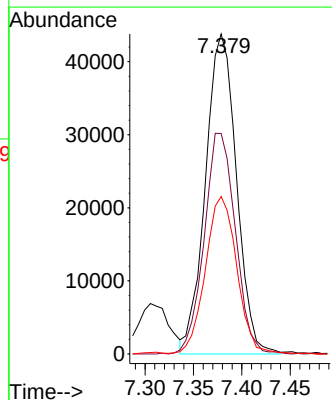
Tgt Ion: 83 Resp: 97734

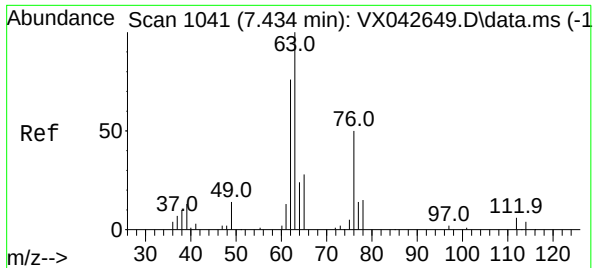
Ion Ratio Lower Upper

83 100

55 69.4 58.2 87.2

98 49.9 38.5 57.7





#37

1,2-Dichloropropane

Concen: 45.755 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

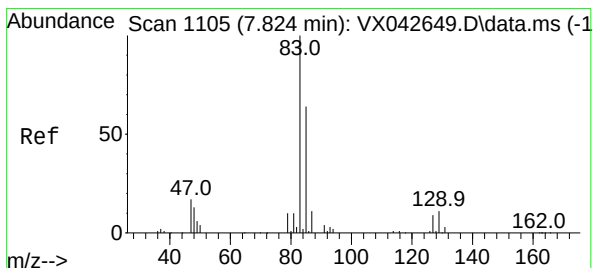
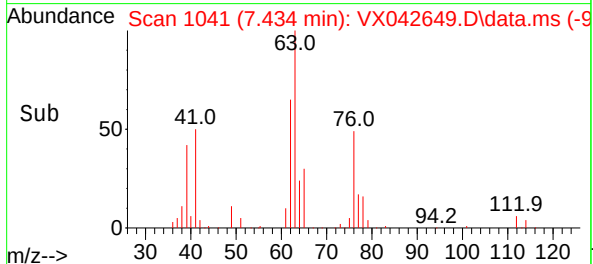
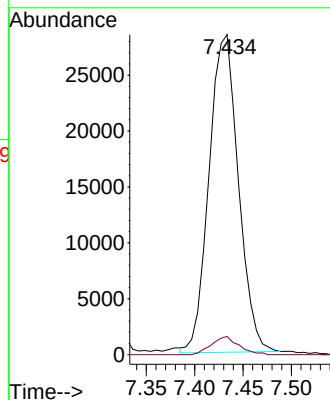
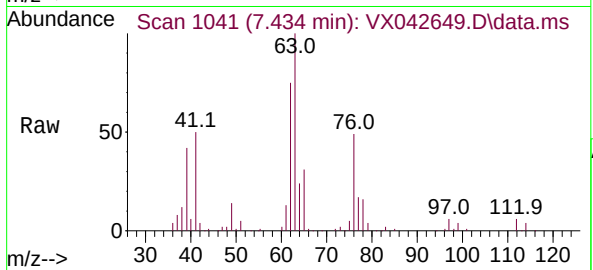
ClientSampleId :

Tgt Ion: 63 Resp: 60076

Ion Ratio Lower Upper

63 100

112 5.3 3.7 5.5



#38

Bromodichloromethane

Concen: 46.832 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

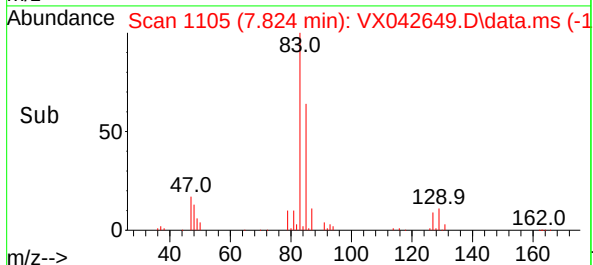
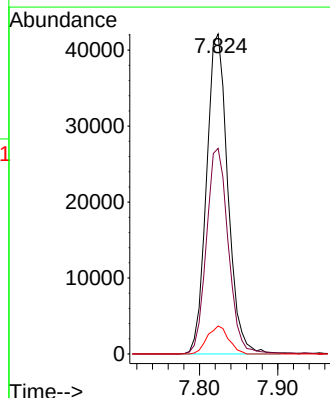
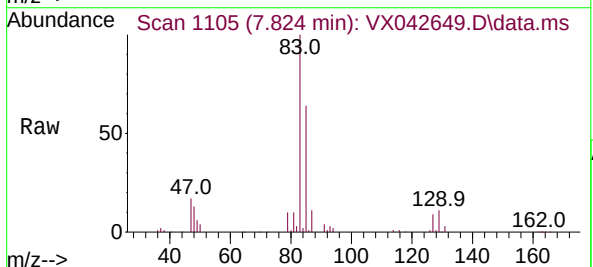
Tgt Ion: 83 Resp: 79476

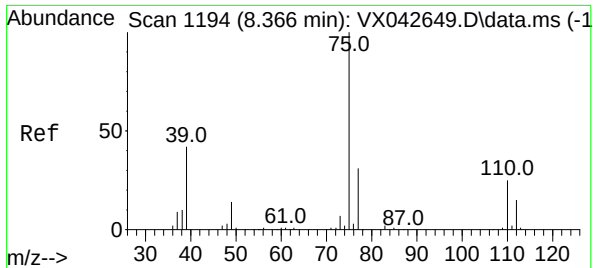
Ion Ratio Lower Upper

83 100

85 64.2 43.7 81.1

127 8.8 6.5 9.7

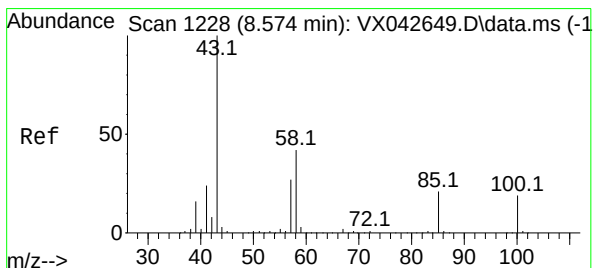
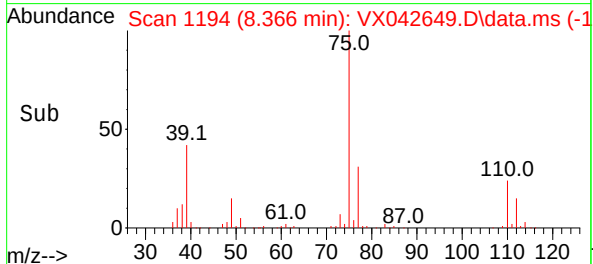
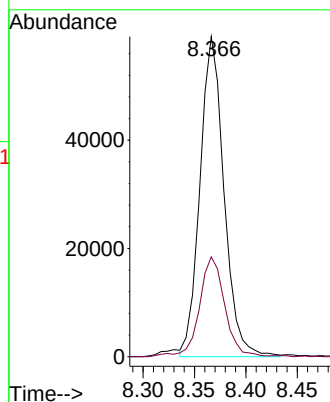
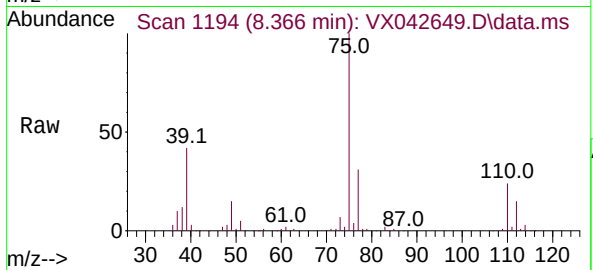




#39
cis-1,3-Dichloropropene
Concen: 47.803 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

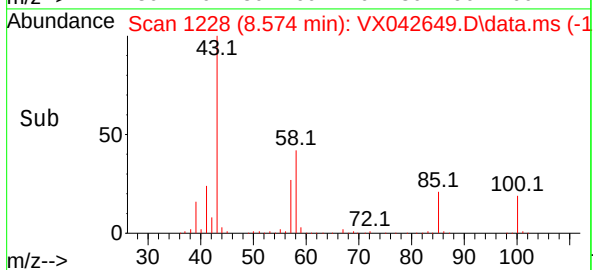
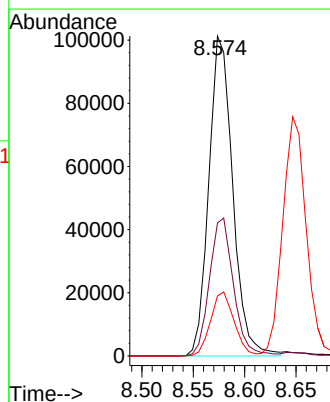
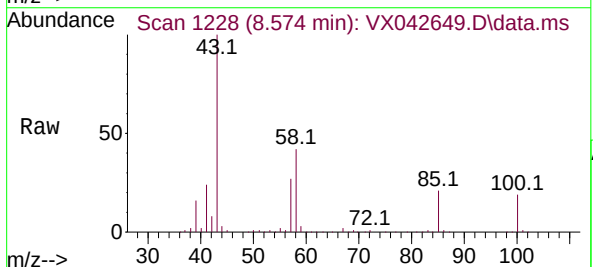
Instrument :
MSVOA_X
ClientSampleId :

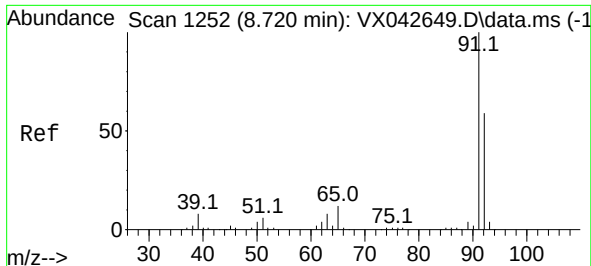
Tgt Ion: 75 Resp: 96344
Ion Ratio Lower Upper
75 100
77 31.2 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 90.781 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Tgt Ion: 43 Resp: 163994
Ion Ratio Lower Upper
43 100
58 43.2 32.4 48.6
100 19.6 13.4 20.0





#42

Toluene

Concen: 49.586 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

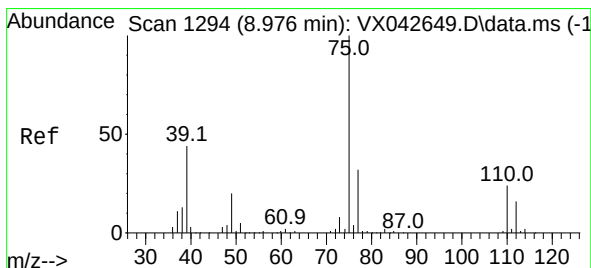
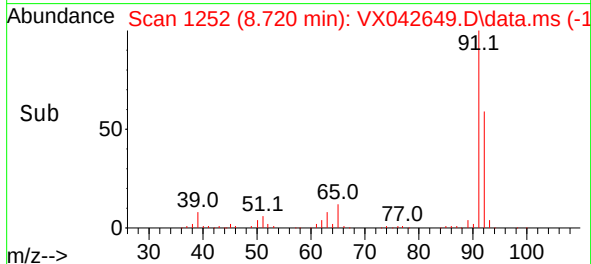
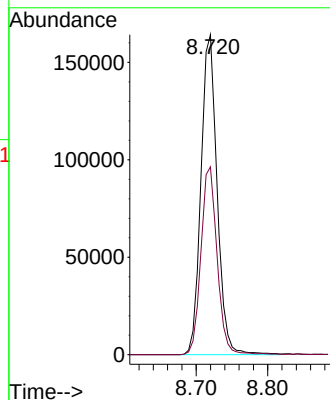
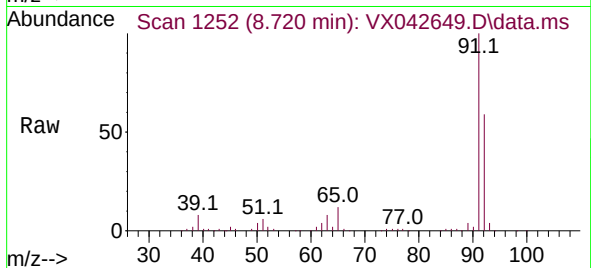
ClientSampleId :

Tgt Ion: 91 Resp: 258020

Ion Ratio Lower Upper

91 100

92 58.7 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 48.376 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042649.D

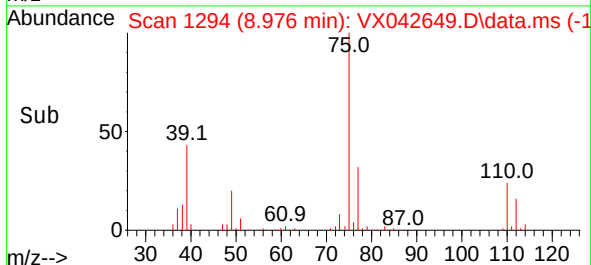
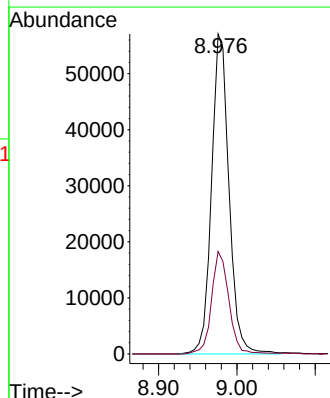
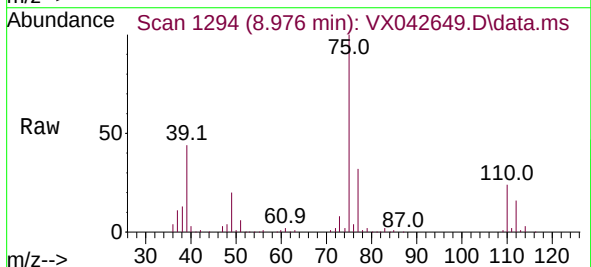
Acq: 27 Jul 2024 19:59

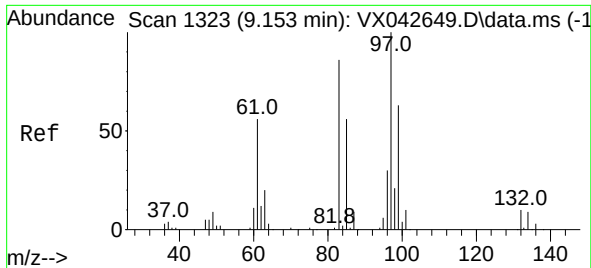
Tgt Ion: 75 Resp: 88379

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 49.870 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 66134

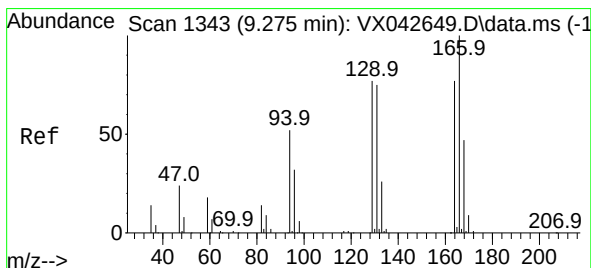
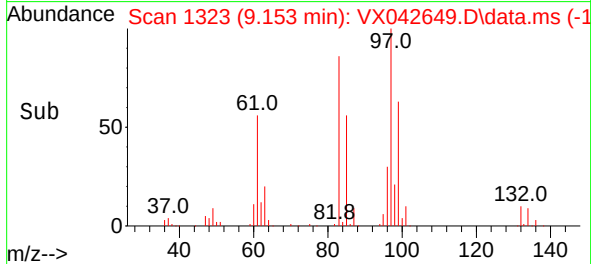
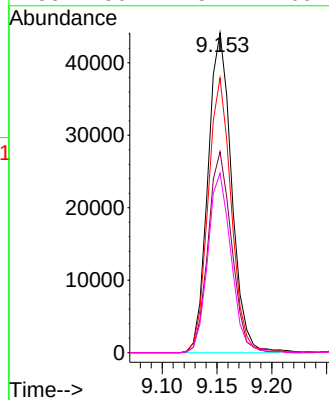
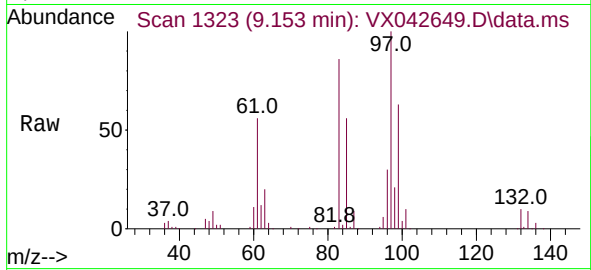
Ion Ratio Lower Upper

97 100

99 62.8 42.6 79.2

83 85.9 59.3 110.1

85 56.1 37.7 69.9



#46

Tetrachloroethene

Concen: 49.091 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Tgt Ion:164 Resp: 45189

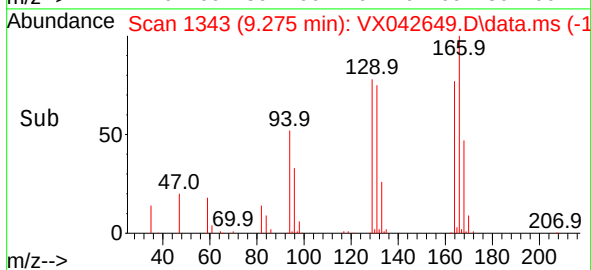
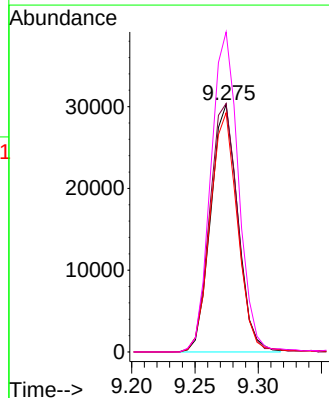
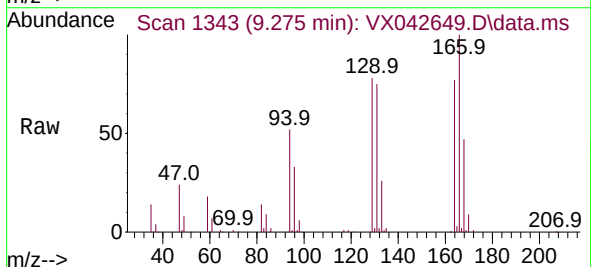
Ion Ratio Lower Upper

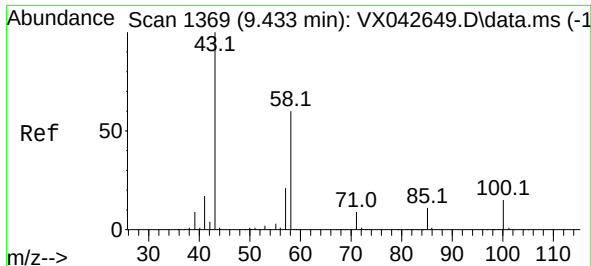
164 100

129 100.5 74.2 137.8

131 96.7 66.9 124.3

166 129.4 92.7 172.1



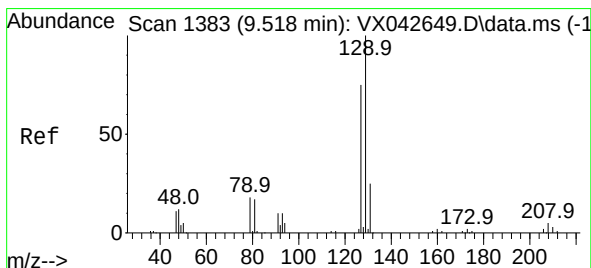
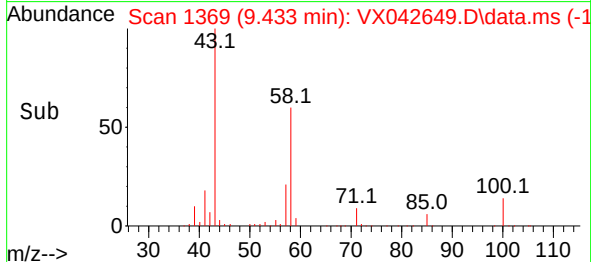
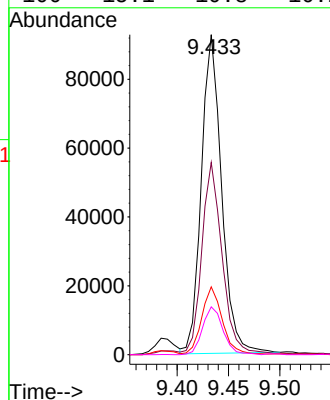
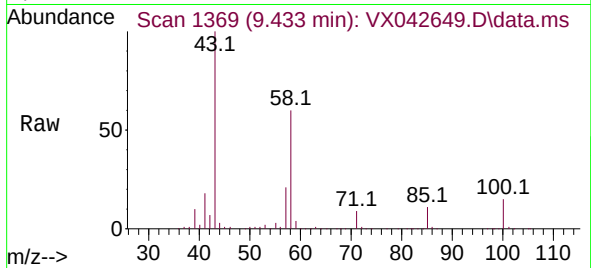


#48
2-Hexanone
Concen: 90.662 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 127376

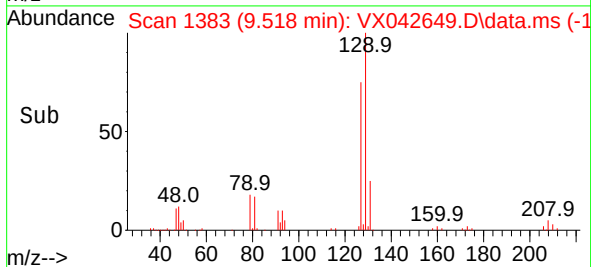
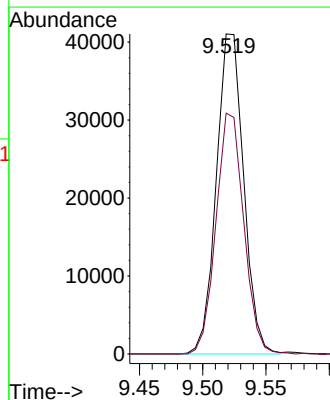
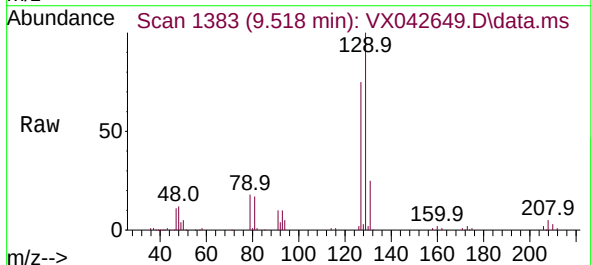
Ion	Ratio	Lower	Upper
43	100		
58	61.0	44.9	67.3
57	21.6	15.8	23.6
100	15.1	10.8	16.2

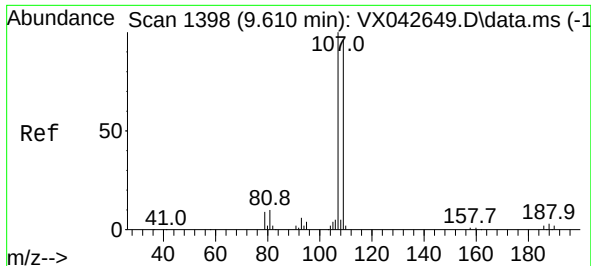


#49
Dibromochloromethane
Concen: 49.785 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Tgt Ion: 129 Resp: 61651

Ion	Ratio	Lower	Upper
129	100		
127	75.3	57.4	106.6





#50

1,2-Dibromoethane

Concen: 50.003 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX042649.D

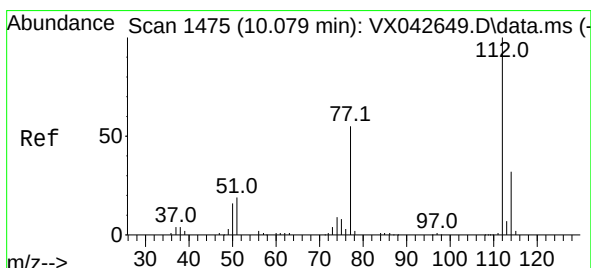
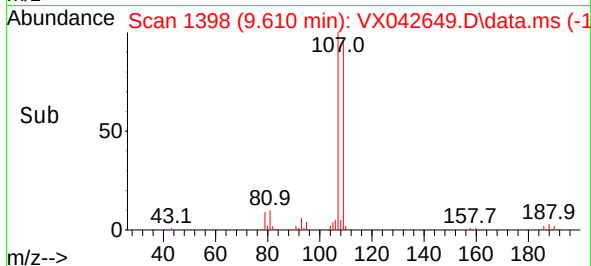
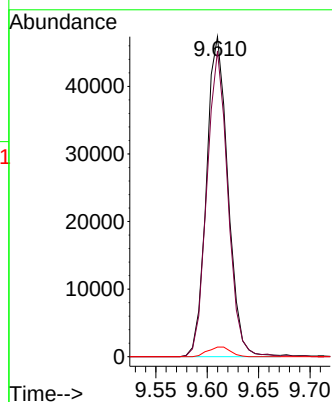
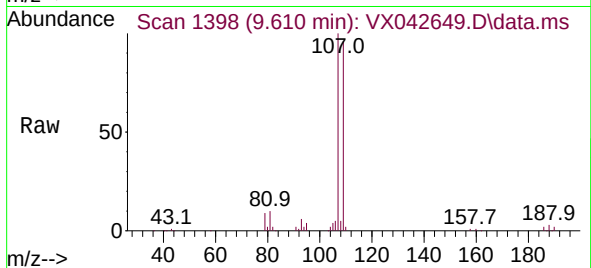
Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	68967
Ion Ratio	Lower	Upper
107	100	
109	95.5	65.4 121.4
188	3.0	2.2 3.2



#51

Chlorobenzene

Concen: 49.099 ug/L

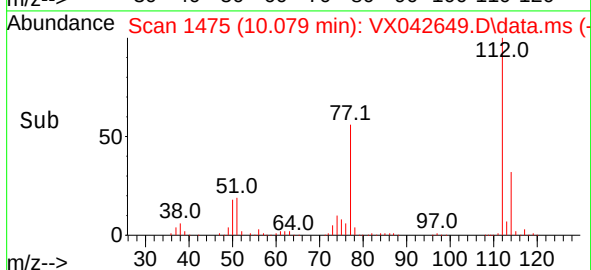
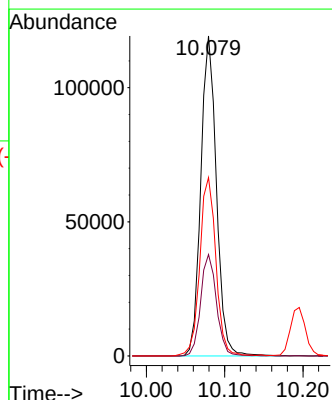
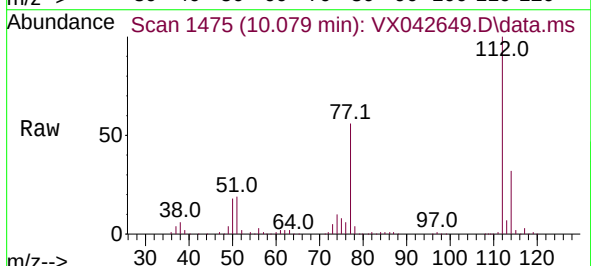
RT: 10.079 min Scan# 1475

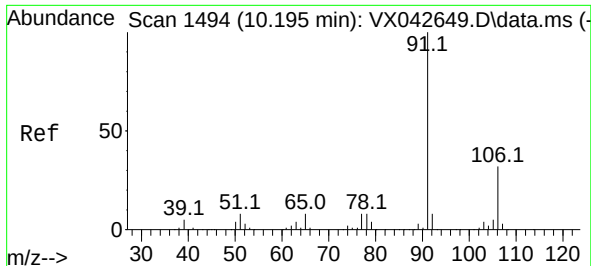
Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Tgt Ion:112	Resp:	165215
Ion Ratio	Lower	Upper
112	100	
114	31.7	23.2 43.2
77	55.7	46.3 69.5





#52

Ethylbenzene

Concen: 49.584 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

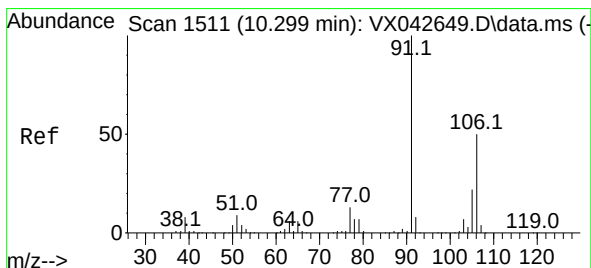
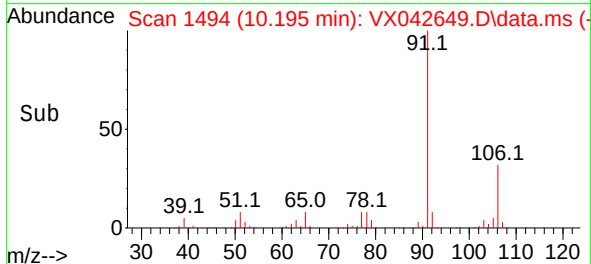
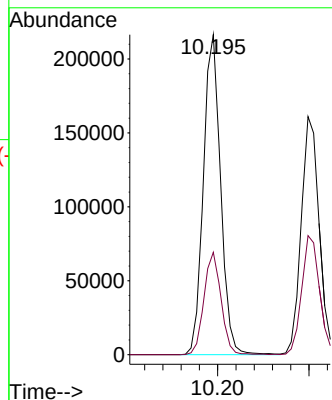
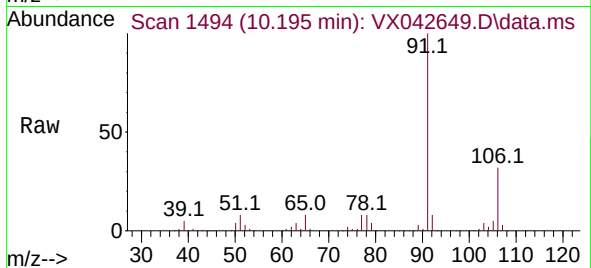
ClientSampleId :

Tgt Ion: 91 Resp: 282990

Ion Ratio Lower Upper

91 100

106 32.0 21.8 40.4



#53

m,p-Xylene

Concen: 50.951 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042649.D

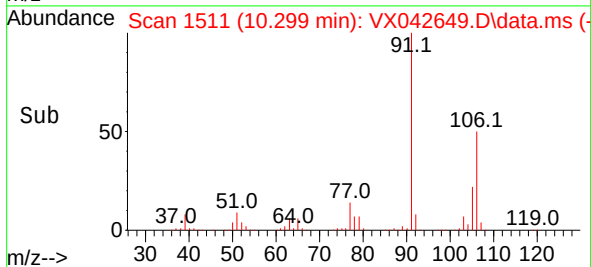
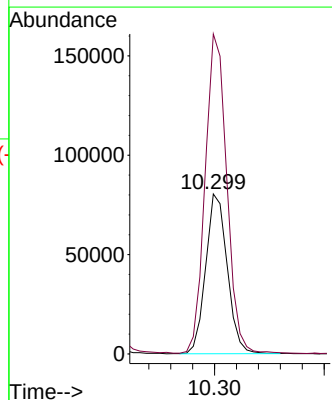
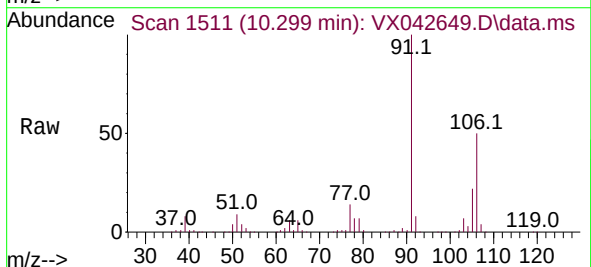
Acq: 27 Jul 2024 19:59

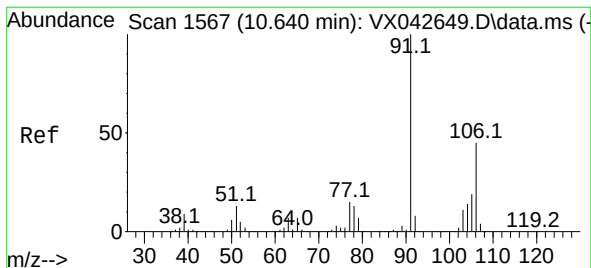
Tgt Ion:106 Resp: 109546

Ion Ratio Lower Upper

106 100

91 200.0 146.8 272.6





#54

o-Xylene

Concen: 50.365 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

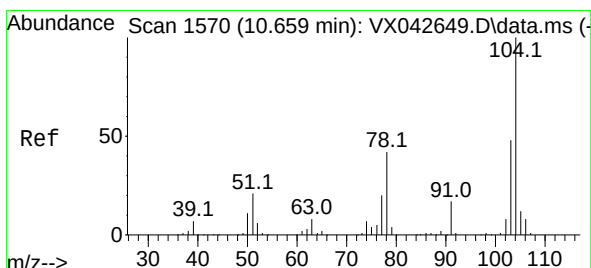
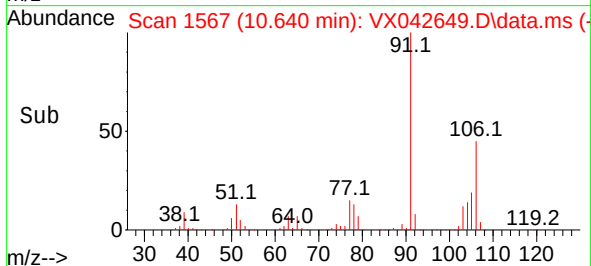
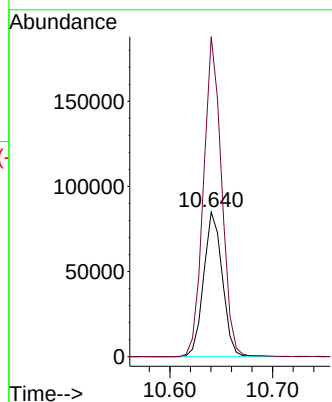
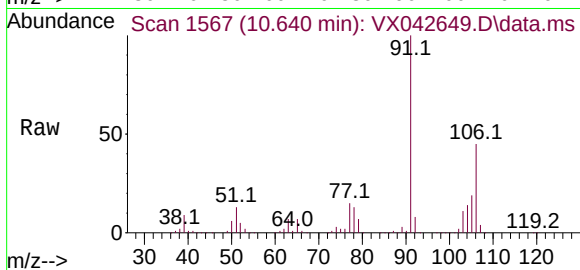
ClientSampleId :

Tgt Ion:106 Resp: 107721

Ion Ratio Lower Upper

106 100

91 221.2 154.6 287.2



#55

Styrene

Concen: 51.557 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX042649.D

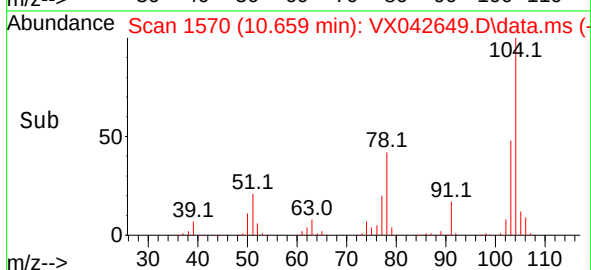
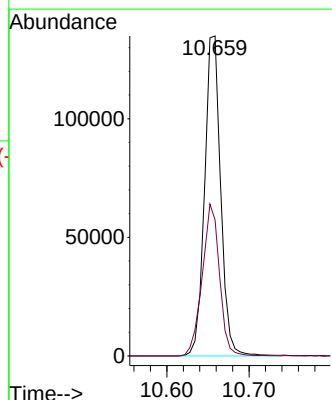
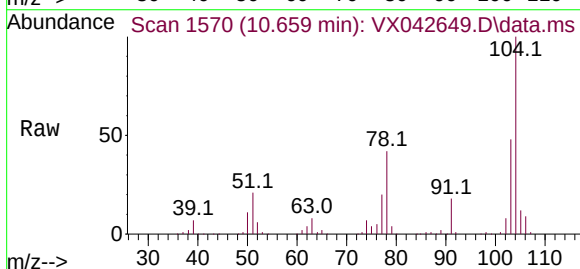
Acq: 27 Jul 2024 19:59

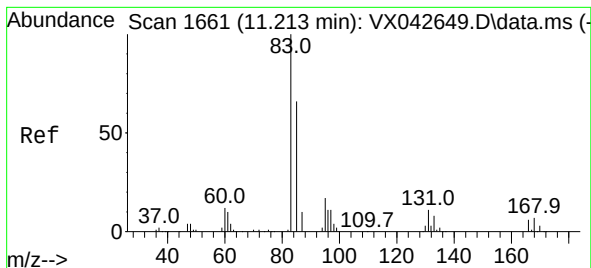
Tgt Ion:104 Resp: 183817

Ion Ratio Lower Upper

104 100

78 42.5 32.6 60.5

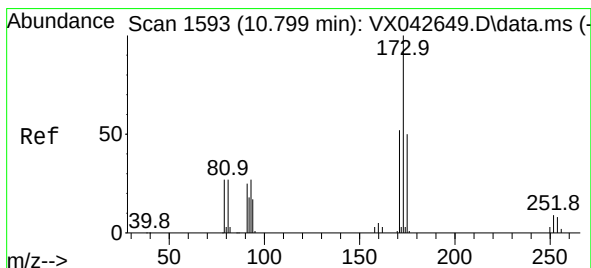
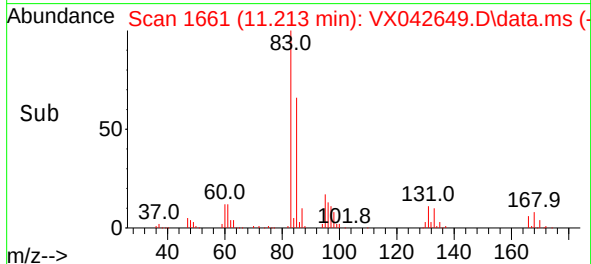
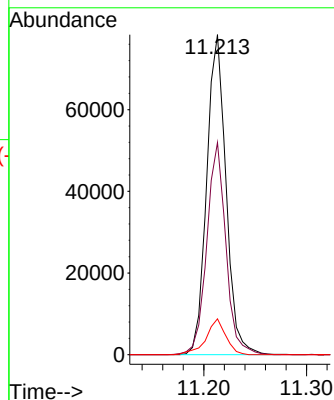
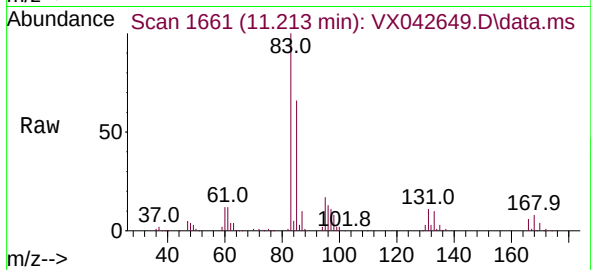




#57
1,1,2,2-Tetrachloroethane
Concen: 48.254 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

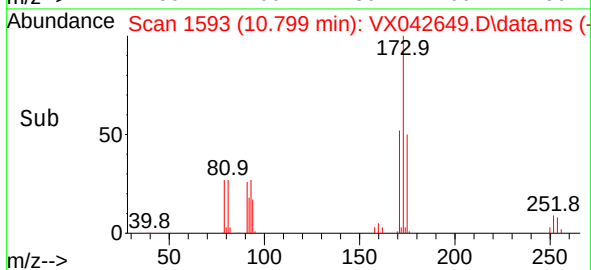
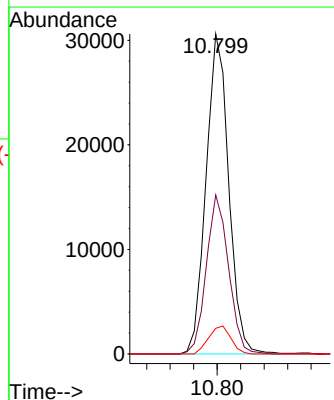
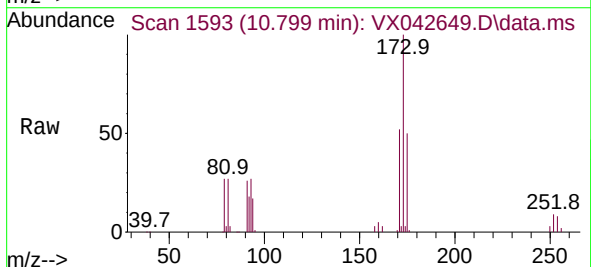
Instrument :
MSVOA_X
ClientSampleId :

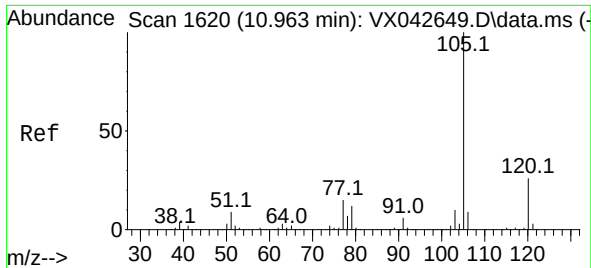
Tgt Ion: 83 Resp: 102332
Ion Ratio Lower Upper
83 100
85 66.3 46.1 85.5
131 11.2 8.6 13.0



#59
Bromoform
Concen: 48.323 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Tgt Ion:173 Resp: 41035
Ion Ratio Lower Upper
173 100
175 48.7 37.4 56.2
254 8.6 6.8 10.2

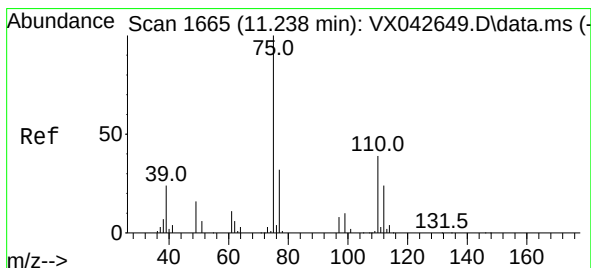
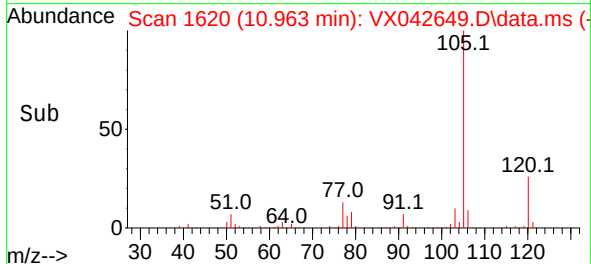
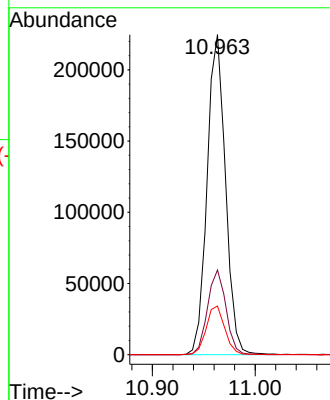
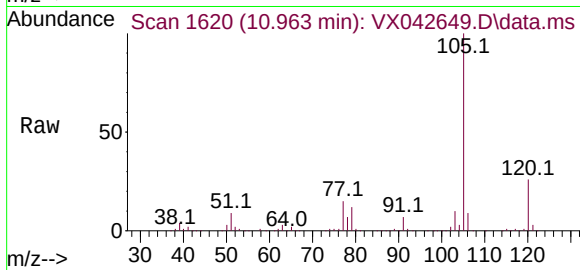




#60
Isopropylbenzene
Concen: 48.905 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

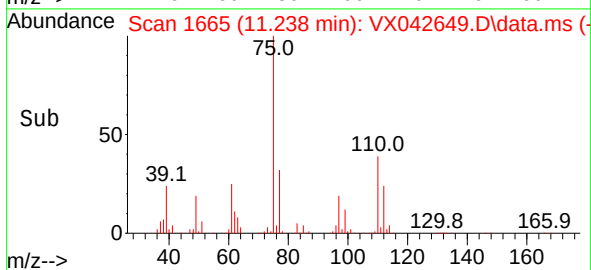
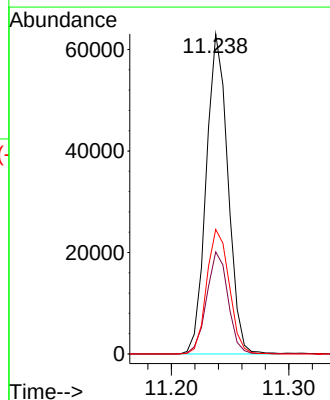
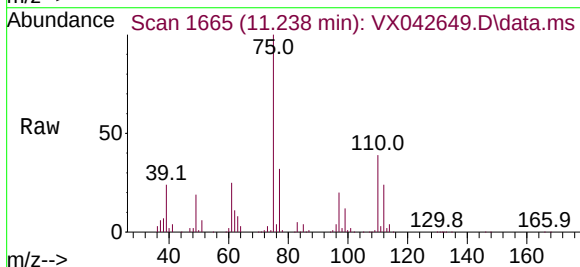
Instrument :
MSVOA_X
ClientSampleId :

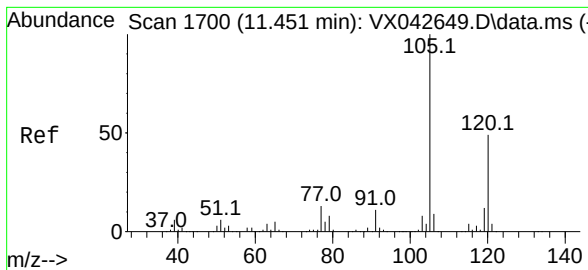
Tgt Ion:105 Resp: 279619
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.6
77 15.5 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 46.276 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Tgt Ion: 75 Resp: 81010
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.4
110 40.2 33.0 49.4

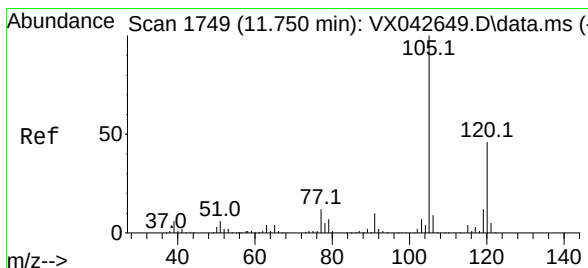
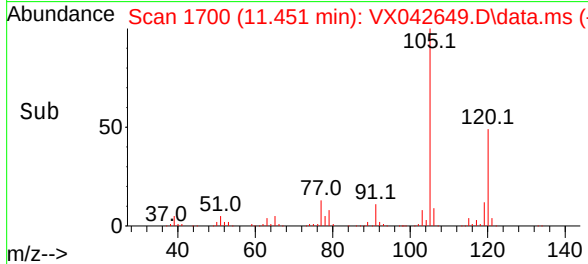
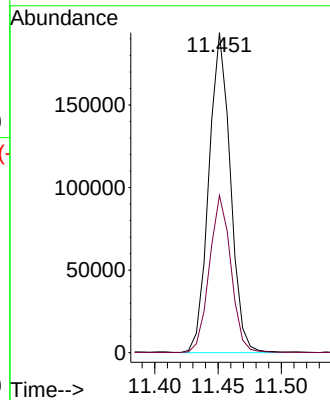
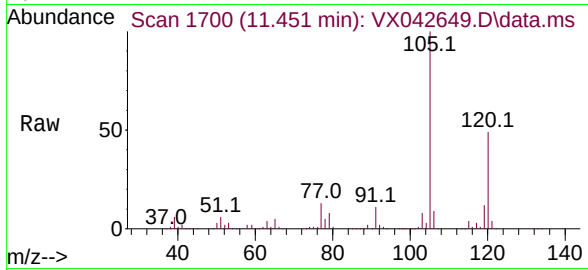




#62
1,3,5-Trimethylbenzene
Concen: 48.261 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

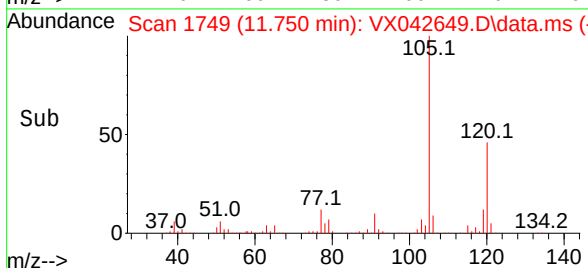
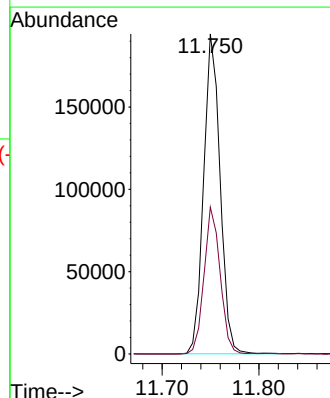
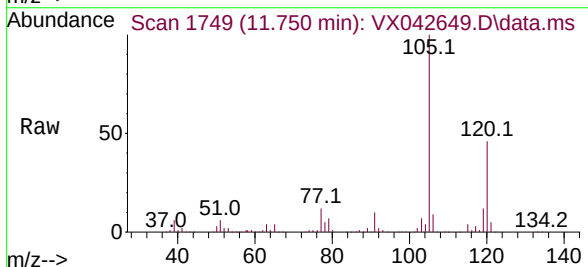
Instrument :
MSVOA_X
ClientSampleId :

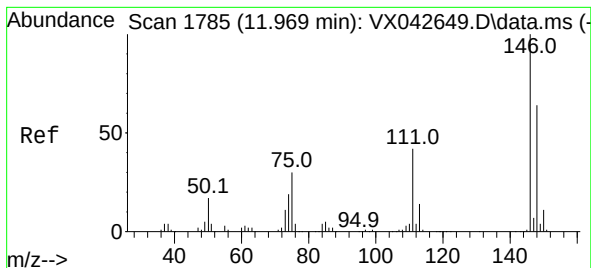
Tgt Ion:105 Resp: 229489
Ion Ratio Lower Upper
105 100
120 48.9 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 49.032 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Tgt Ion:105 Resp: 230221
Ion Ratio Lower Upper
105 100
120 45.1 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 47.458 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

ClientSampleId :

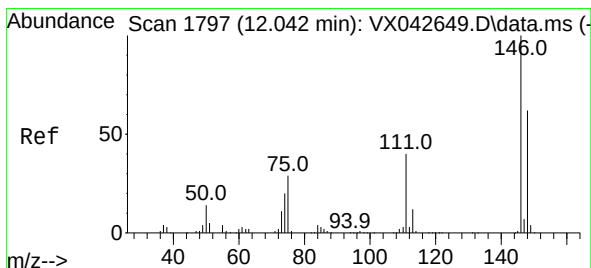
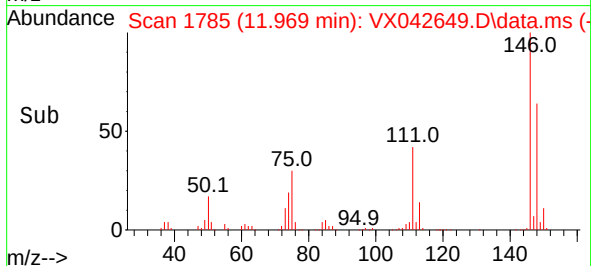
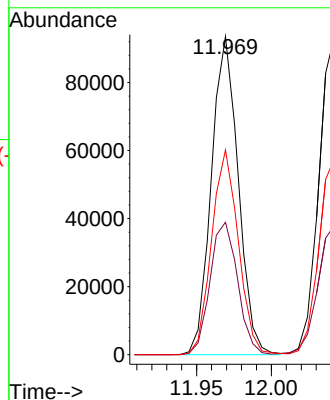
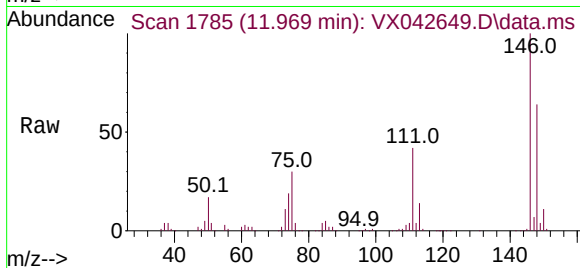
Tgt Ion:146 Resp: 116701

Ion Ratio Lower Upper

146 100

111 41.6 30.4 56.5

148 64.4 47.7 88.7



#65

1,4-Dichlorobenzene

Concen: 47.822 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

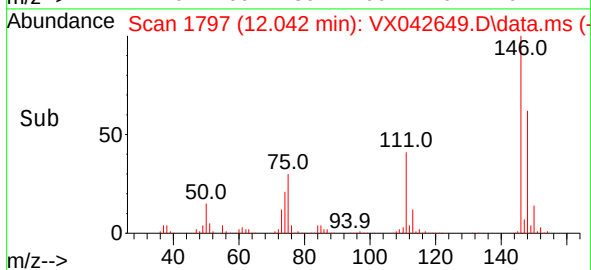
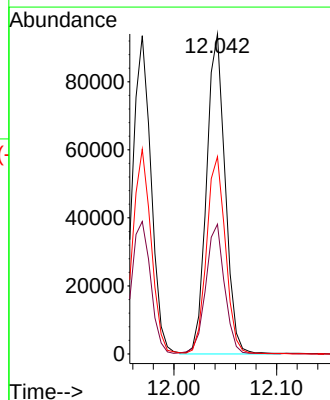
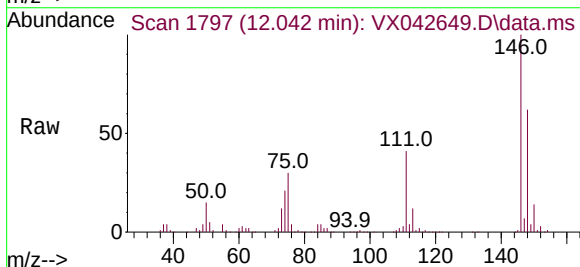
Tgt Ion:146 Resp: 118444

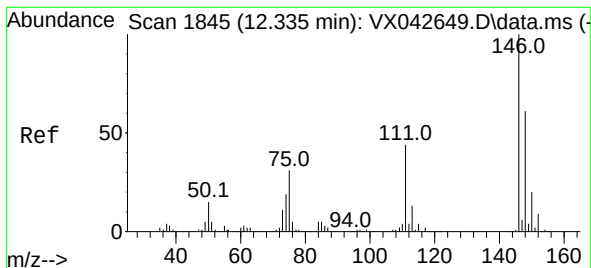
Ion Ratio Lower Upper

146 100

111 40.5 27.9 51.7

148 61.6 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 48.598 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

ClientSampleId :

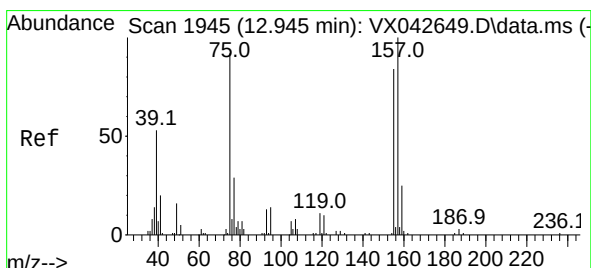
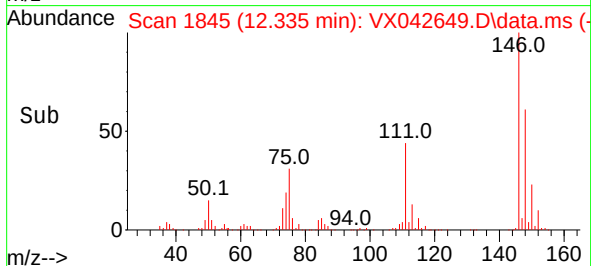
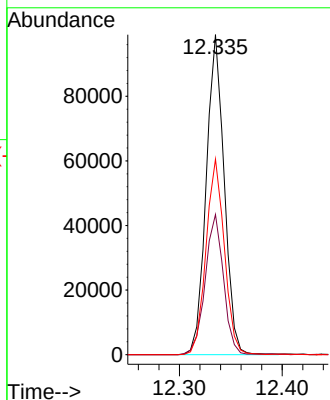
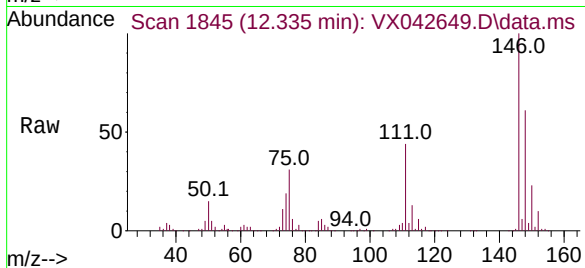
Tgt Ion:146 Resp: 120334

Ion Ratio Lower Upper

146 100

111 43.8 35.3 52.9

148 61.1 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 46.435 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

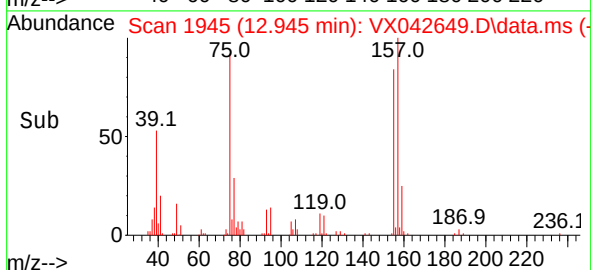
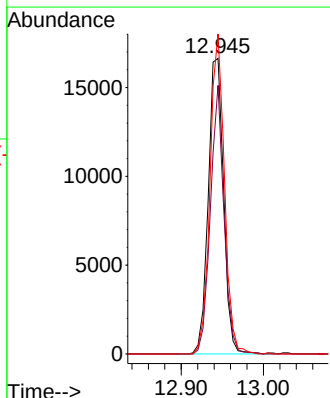
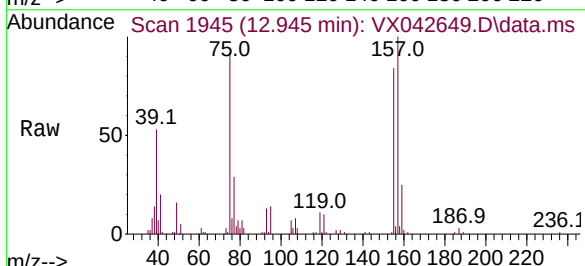
Tgt Ion: 75 Resp: 21656

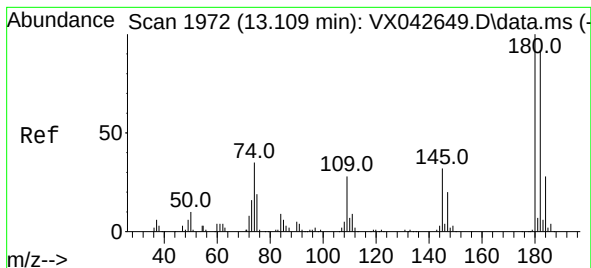
Ion Ratio Lower Upper

75 100

155 90.9 65.1 97.7

157 108.3 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 48.741 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

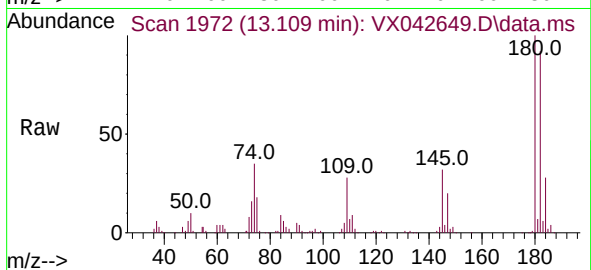
Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 74340

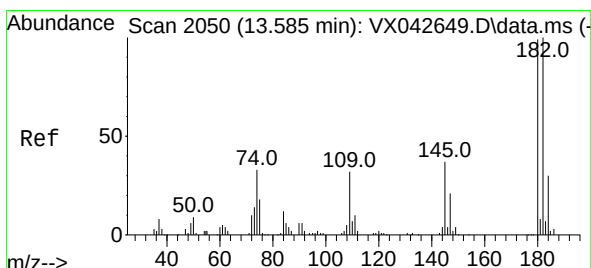
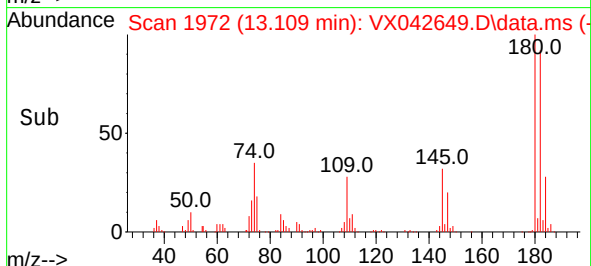
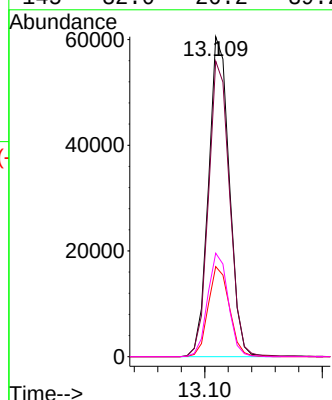
Ion Ratio Lower Upper

180 100

182 93.5 75.4 113.0

184 28.7 23.4 35.0

145 32.0 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 48.130 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042649.D

Acq: 27 Jul 2024 19:59

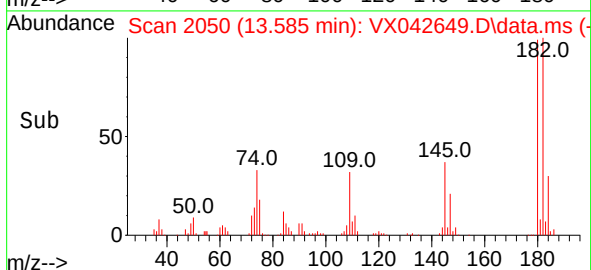
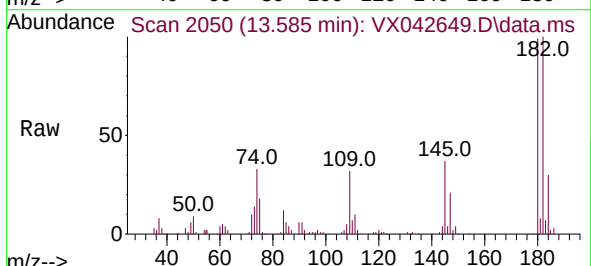
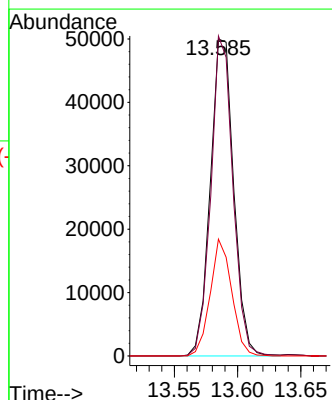
Tgt Ion:180 Resp: 64374

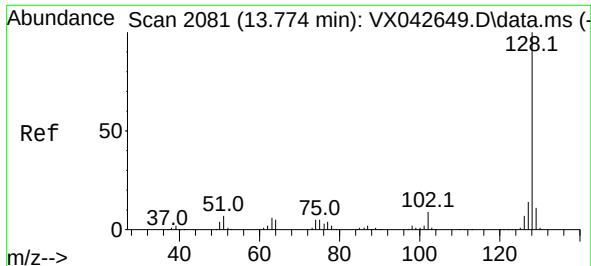
Ion Ratio Lower Upper

180 100

182 94.6 77.0 115.4

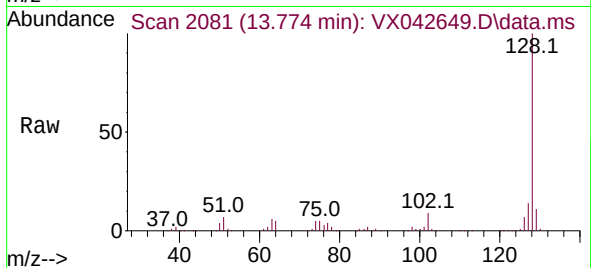
145 33.9 27.0 40.6



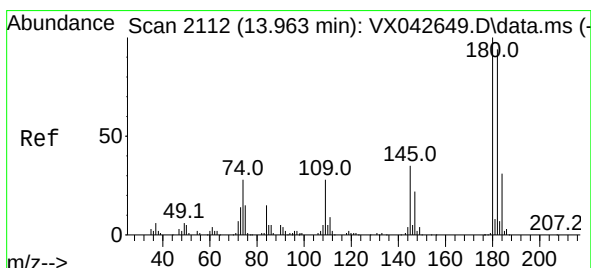
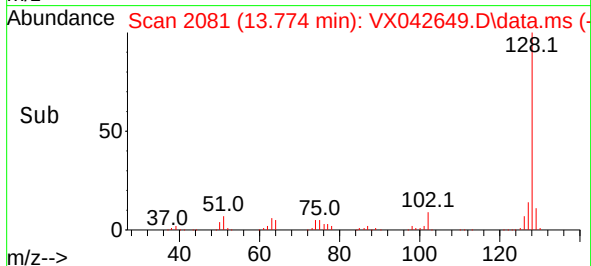
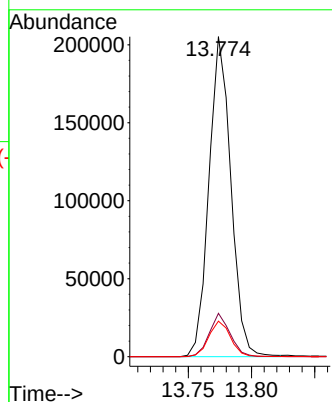


#71
Naphthalene
Concen: 47.949 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 247391
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.091 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042649.D
Acq: 27 Jul 2024 19:59

Tgt Ion:180 Resp: 66629
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.2
145 36.1 27.6 41.4

