

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042600.D
 Acq On : 26 Jul 2024 15:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 01:08:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:01:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	201729	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182225	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	84092	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57389	46.826	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.660%
7) Chloroethane-d5	1.648	69	23675	46.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.760%
11) 1,1-Dichloroethene-d2	2.294	65	29470	48.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.600%
21) 2-Butanone-d5	4.465	46	96442	106.173	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.170%
24) Chloroform-d	5.056	84	137397	51.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
26) 1,2-Dichloroethane-d4	5.952	65	86553	50.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
32) Benzene-d6	5.970	84	260437	51.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	7.312	67	77707	51.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.840%
41) Toluene-d8	8.647	98	234775	51.776	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	8.952	79	38081	54.367	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.740%
47) 2-Hexanone-d5	9.384	63	72639	108.545	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.540%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	113393	52.616	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	82150	51.692	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	95851	53.781	ug/L 99
3) Chloromethane	1.301	50	77568	52.631	ug/L 98
5) Vinyl chloride	1.374	62	73937	52.774	ug/L 97
6) Bromomethane	1.599	94	22919	52.286	ug/L 95
8) Chloroethane	1.660	64	24281	47.336	ug/L 100
9) Trichlorofluoromethane	1.868	101	91560	46.172	ug/L 93
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	75816	53.204	ug/L 99
12) 1,1-Dichloroethene	2.313	96	67536	51.786	ug/L 94
13) Acetone	2.392	43	86086	121.242	ug/L 100
14) Carbon disulfide	2.502	76	179143	56.260	ug/L 99
15) Methyl Acetate	2.709	43	85152	54.103	ug/L 99
16) Methylene chloride	2.788	84	80014	53.127	ug/L 95
17) trans-1,2-Dichloroethene	3.087	96	73867	55.193	ug/L 91
18) Methyl tert-butyl Ether	3.117	73	255052	54.981	ug/L 99
19) 1,1-Dichloroethane	3.605	63	140124	54.837	ug/L 96
20) cis-1,2-Dichloroethene	4.483	96	85787	56.119	ug/L 99
22) 2-Butanone	4.568	43	124899	115.499	ug/L 97
23) Bromochloromethane	4.904	128	38420	53.075	ug/L 98
25) Chloroform	5.093	83	148267	54.418	ug/L 96

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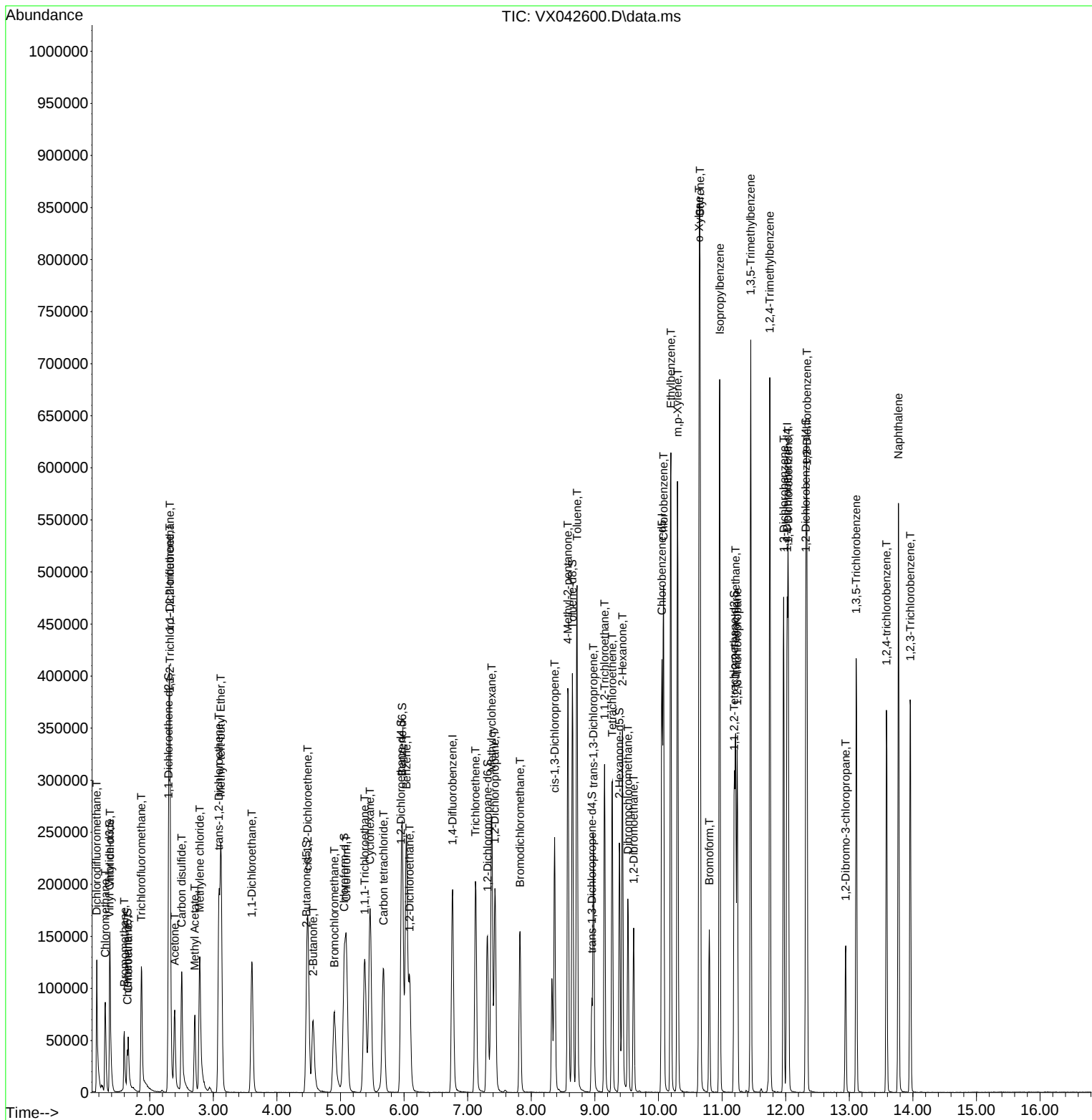
Instrument :
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 ClientSampleId :

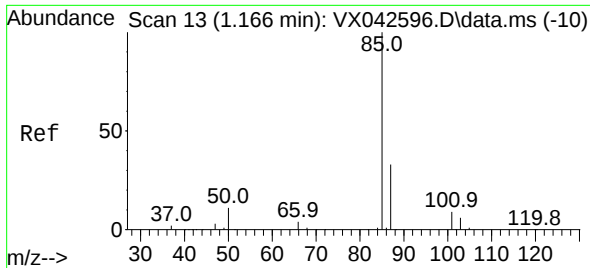
Quant Time: Jul 27 01:08:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:01:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	117048	54.091	ug/L	99
29) Cyclohexane	5.464	56	120076	55.739	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	131001	56.281	ug/L	99
31) Carbon tetrachloride	5.678	117	109992	55.946	ug/L	99
33) Benzene	6.038	78	308458	55.312	ug/L	100
34) Trichloroethene	7.123	95	80193	53.825	ug/L	98
35) Methylcyclohexane	7.379	83	126272	55.997	ug/L	99
37) 1,2-Dichloropropane	7.428	63	80208	55.341	ug/L	100
38) Bromodichloromethane	7.824	83	104382	55.723	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	131286	59.014	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	233554	117.126	ug/L	99
42) Toluene	8.720	91	328447	57.184	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	119742	59.378	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	83357	56.945	ug/L	97
46) Tetrachloroethene	9.275	164	57815	56.900	ug/L	89
48) 2-Hexanone	9.433	43	183014	118.011	ug/L	99
49) Dibromochloromethane	9.519	129	79907	58.458	ug/L	90
50) 1,2-Dibromoethane	9.610	107	87379	57.394	ug/L #	97
51) Chlorobenzene	10.079	112	204276	54.997	ug/L	98
52) Ethylbenzene	10.195	91	361703	57.414	ug/L	99
53) m,p-Xylene	10.299	106	138980	58.560	ug/L	98
54) o-Xylene	10.640	106	136772	57.933	ug/L	99
55) Styrene	10.653	104	228894	58.162	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	130818	55.884	ug/L	98
59) Bromoform	10.799	173	52996	56.158	ug/L	99
60) Isopropylbenzene	10.963	105	357341	56.239	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	102195	52.530	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	298006	56.392	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	294095	56.362	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	148323	54.276	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	149618	54.358	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	150951	54.856	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	28416	54.827	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	92242	54.421	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	81625	54.915	ug/L	99
71) Naphthalene	13.774	128	329564	57.478	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	86730	56.329	ug/L	99

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

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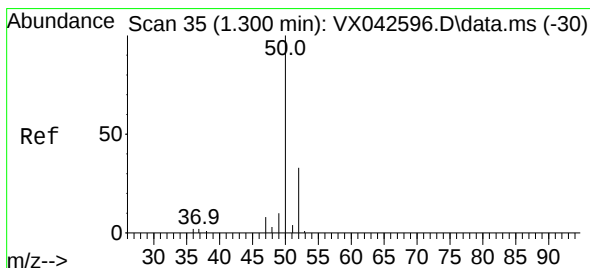
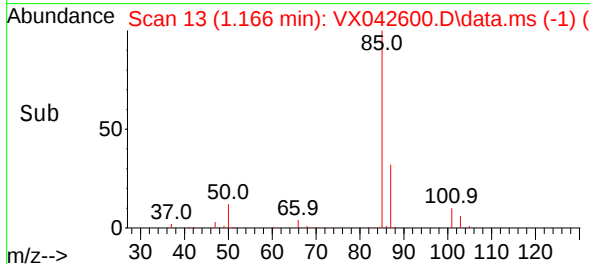
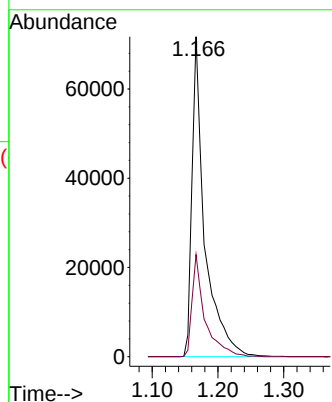
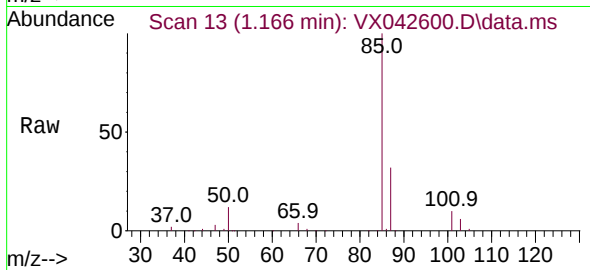




#2
Dichlorodifluoromethane
Concen: 53.781 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

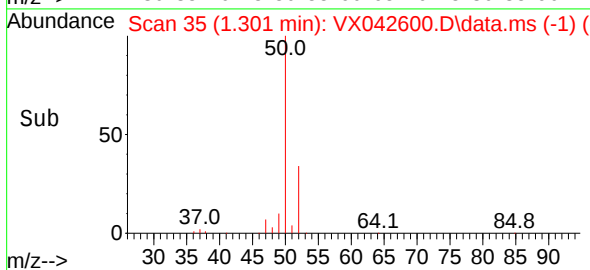
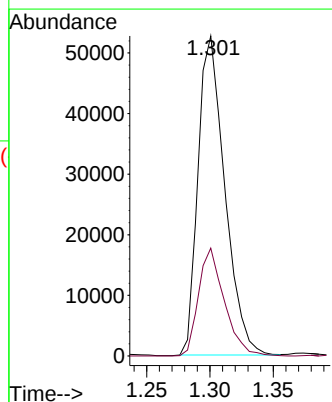
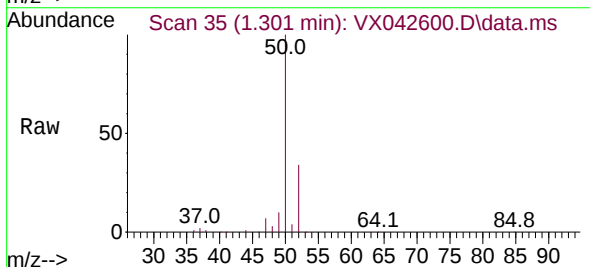
Instrument :
MSVOA_X
ClientSampleId :

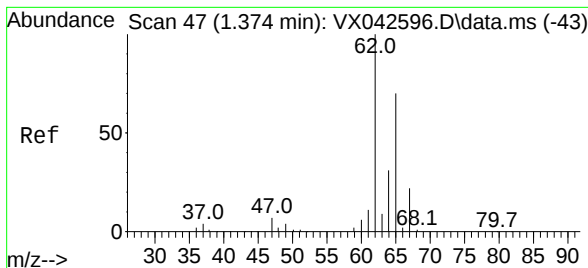
Tgt Ion: 85 Resp: 95851
Ion Ratio Lower Upper
85 100
87 31.7 25.8 38.8



#3
Chloromethane
Concen: 52.631 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

Tgt Ion: 50 Resp: 77568
Ion Ratio Lower Upper
50 100
52 33.7 23.0 42.6





#5

Vinyl chloride

Concen: 52.774 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

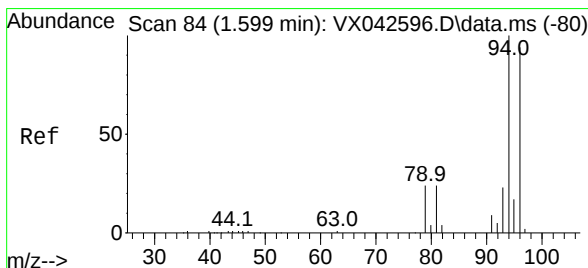
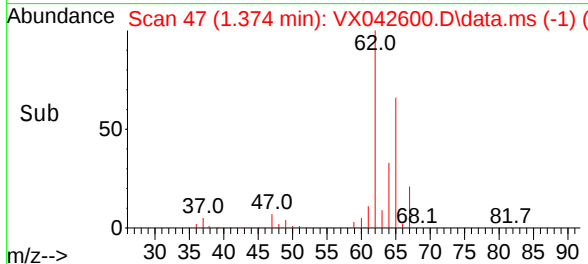
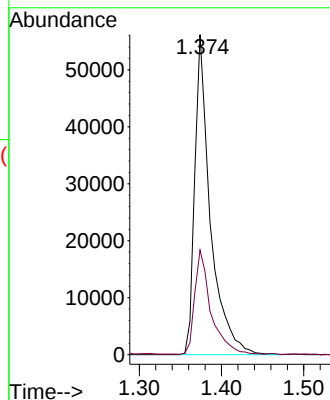
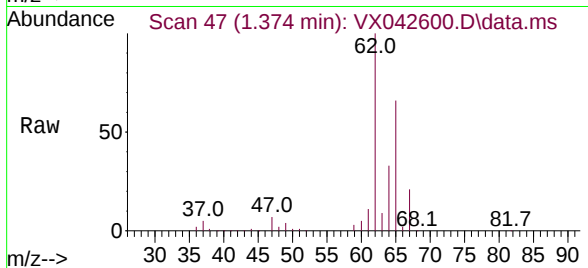
ClientSampleId :

Tgt Ion: 62 Resp: 73937

Ion Ratio Lower Upper

62 100

64 32.7 21.6 40.0



#6

Bromomethane

Concen: 52.286 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042600.D

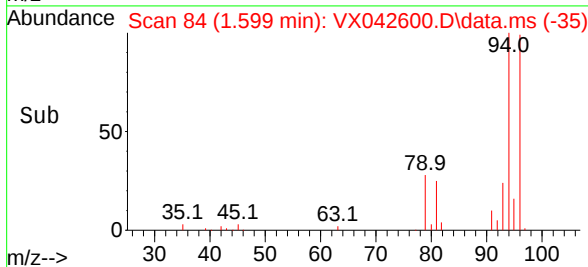
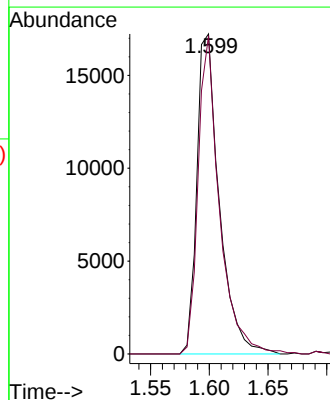
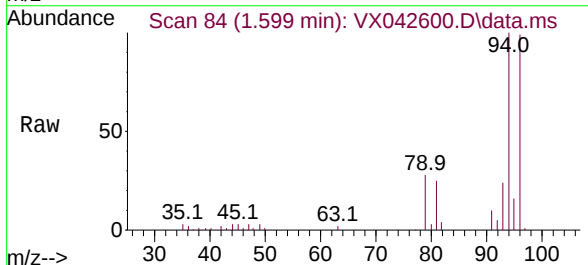
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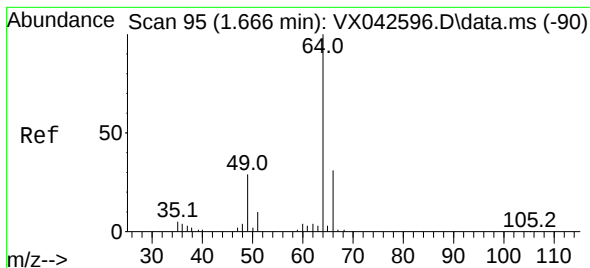
Tgt Ion: 94 Resp: 22919

Ion Ratio Lower Upper

94 100

96 99.4 66.1 122.7





#8

Chloroethane

Concen: 47.336 ug/L

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

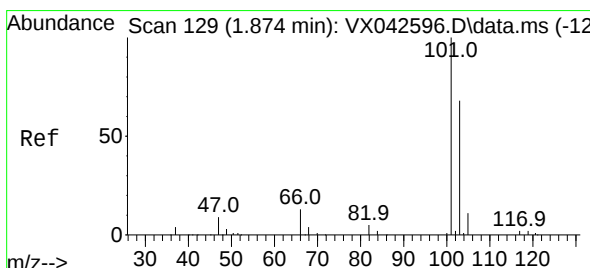
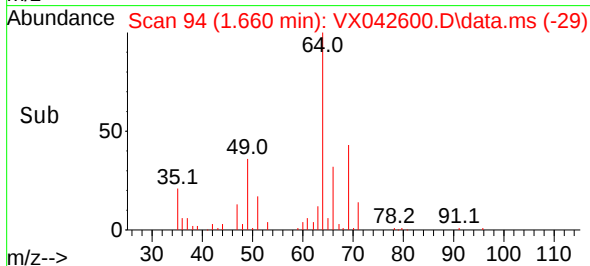
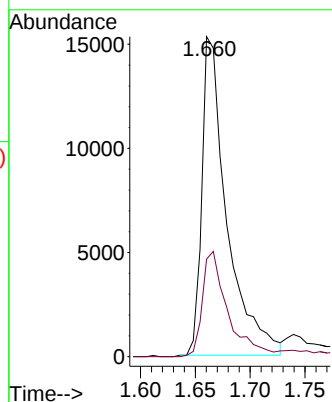
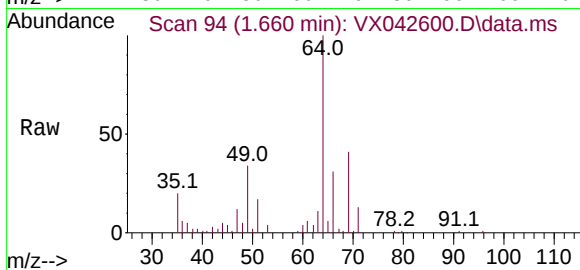
ClientSampleId :

Tgt Ion: 64 Resp: 24281

Ion Ratio Lower Upper

64 100

66 30.5 21.4 39.8



#9

Trichlorofluoromethane

Concen: 46.172 ug/L

RT: 1.868 min Scan# 128

Delta R.T. -0.006 min

Lab File: VX042600.D

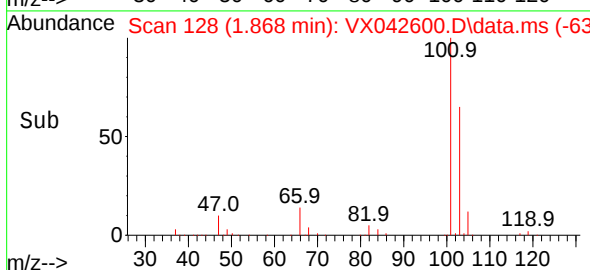
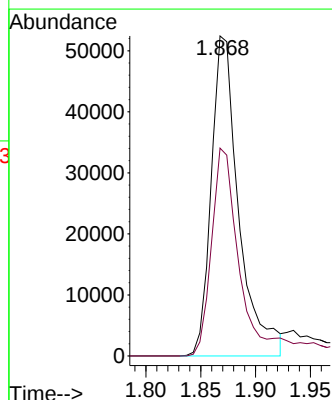
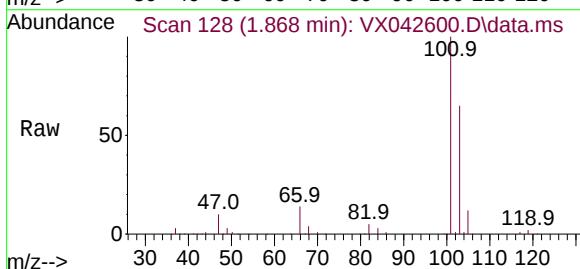
Acq: 26 Jul 2024 15:16

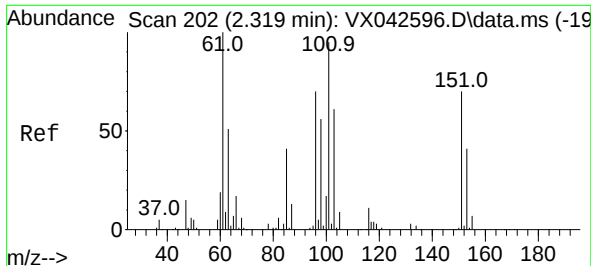
Tgt Ion:101 Resp: 91560

Ion Ratio Lower Upper

101 100

103 61.8 45.2 67.8

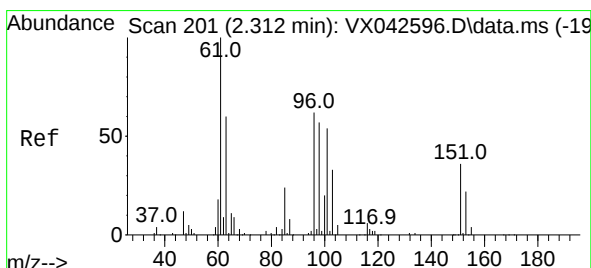
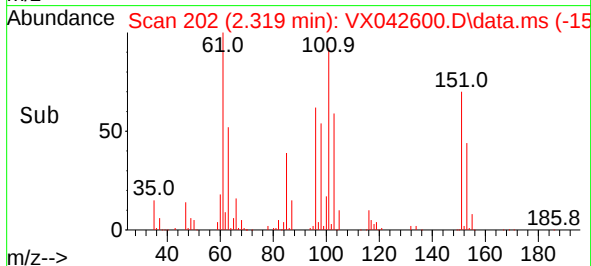
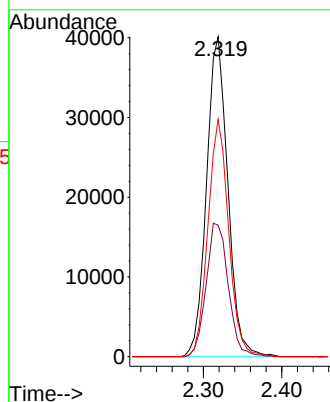
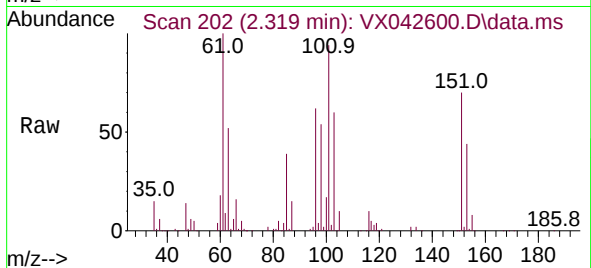




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.204 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

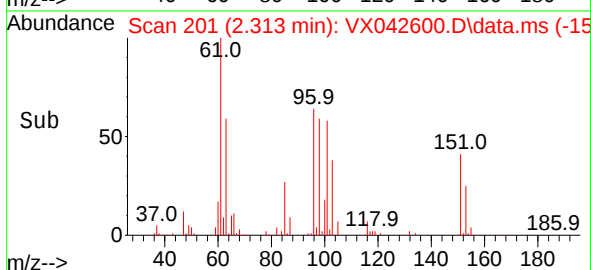
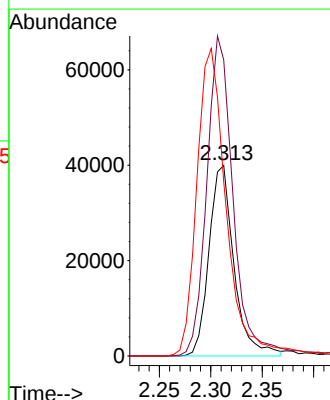
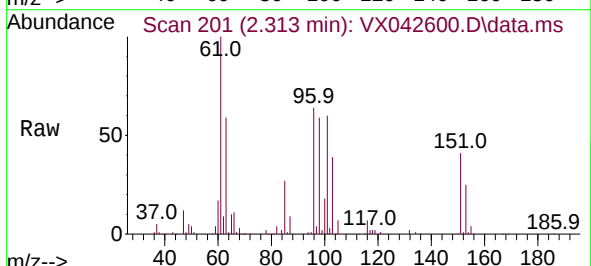
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MSVOA_X
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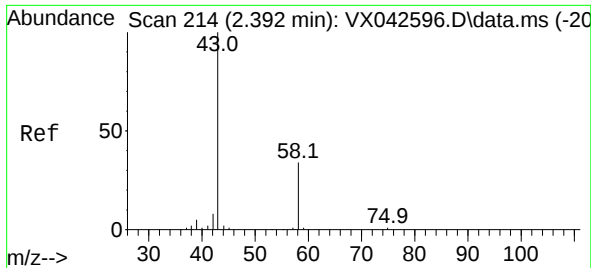
Tgt Ion:101 Resp: 75816
Ion Ratio Lower Upper
101 100
85 43.3 34.4 51.6
151 72.1 56.6 85.0



#12
1,1-Dichloroethene
Concen: 51.786 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

Tgt Ion: 96 Resp: 67536
Ion Ratio Lower Upper
96 100
61 155.3 113.0 209.9
63 91.4 70.5 130.9

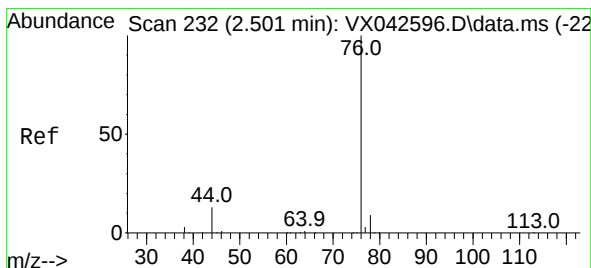
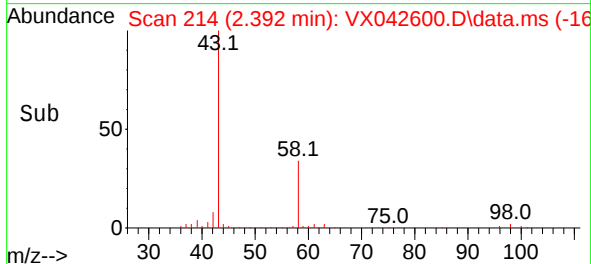
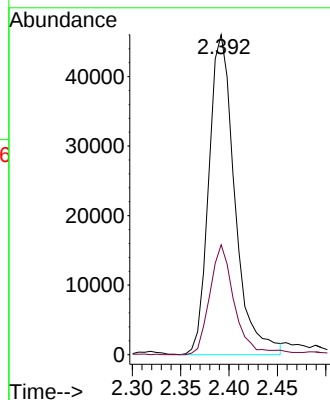
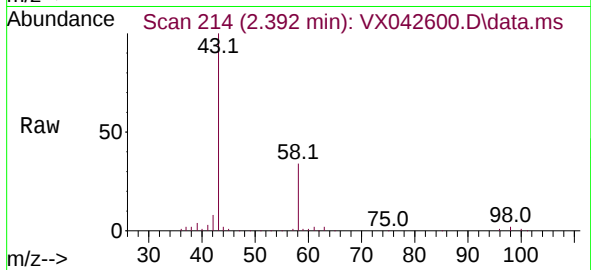




#13
Acetone
Concen: 121.242 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

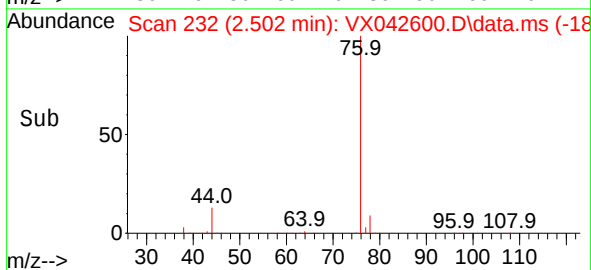
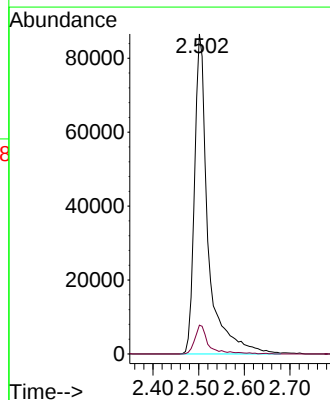
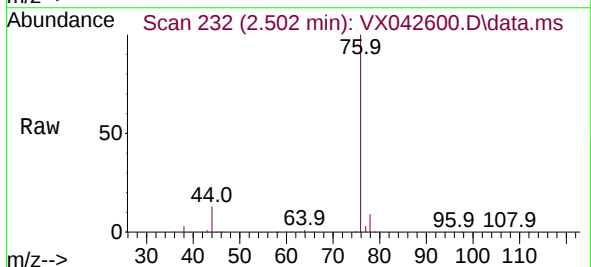
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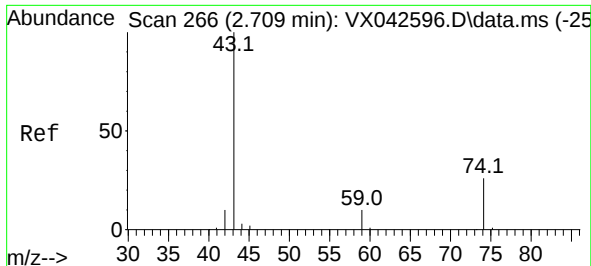
Tgt Ion: 43 Resp: 86086
Ion Ratio Lower Upper
43 100
58 31.2 0.0 62.4



#14
Carbon disulfide
Concen: 56.260 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

Tgt Ion: 76 Resp: 179143
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6





#15

Methyl Acetate

Concen: 54.103 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

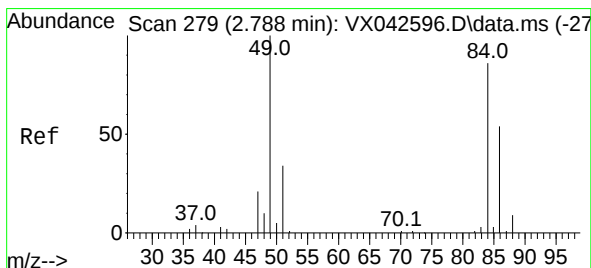
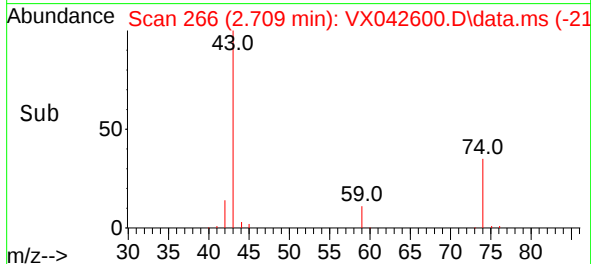
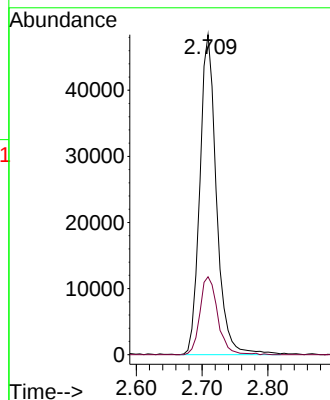
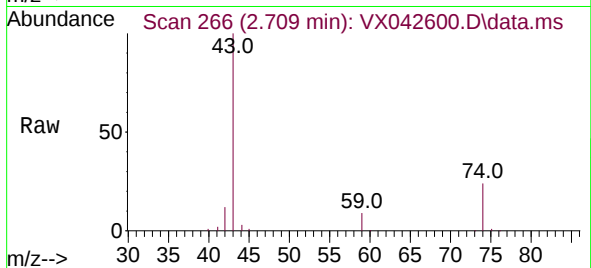
ClientSampleId :

Tgt Ion: 43 Resp: 85152

Ion Ratio Lower Upper

43 100

74 25.7 21.0 31.4



#16

Methylene chloride

Concen: 53.127 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

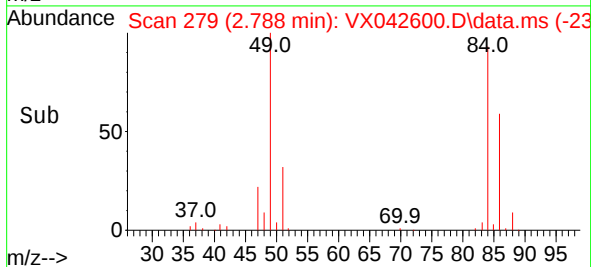
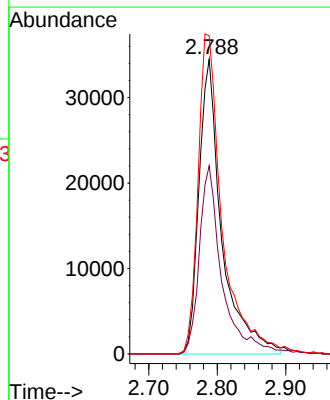
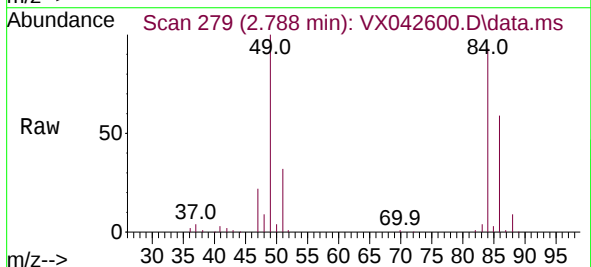
Tgt Ion: 84 Resp: 80014

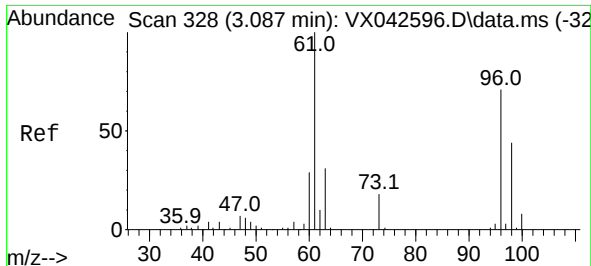
Ion Ratio Lower Upper

84 100

86 63.8 43.5 80.7

49 108.0 81.1 150.7





#17

trans-1,2-Dichloroethene

Concen: 55.193 ug/L

RT: 3.087 min Scan# 328

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

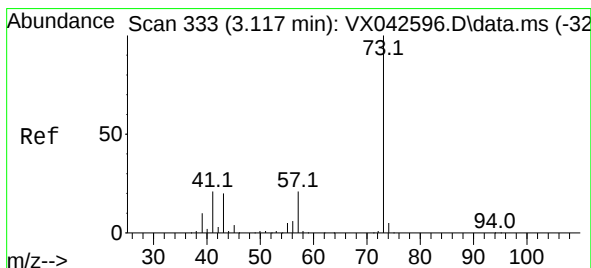
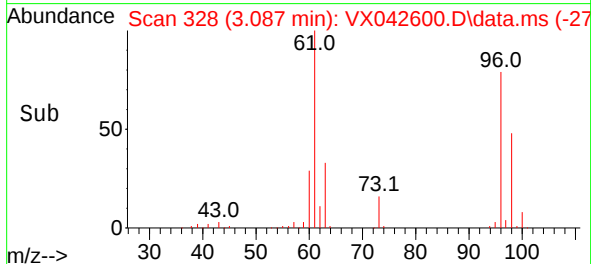
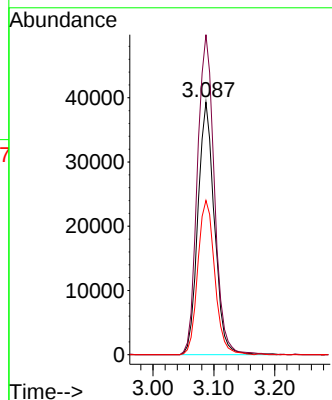
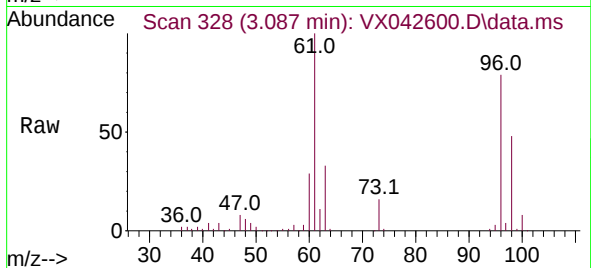
Tgt Ion: 96 Resp: 73867

Ion Ratio Lower Upper

96 100

61 126.8 99.3 184.3

98 61.1 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 54.981 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

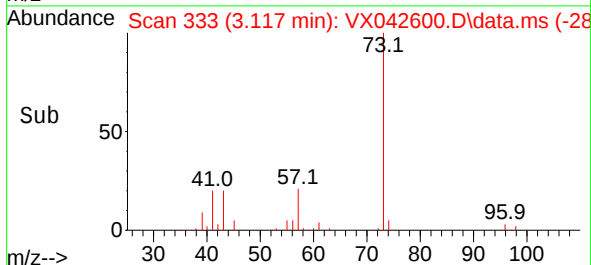
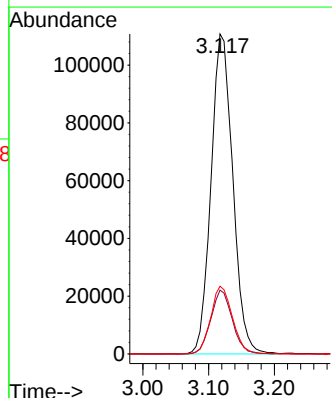
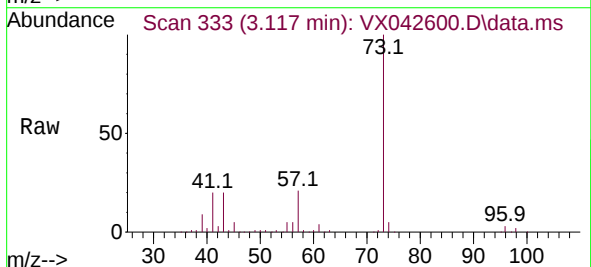
Tgt Ion: 73 Resp: 255052

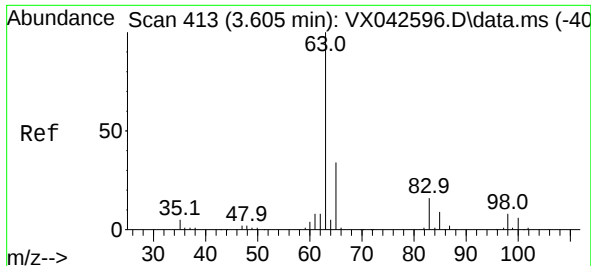
Ion Ratio Lower Upper

73 100

43 19.7 15.4 23.2

57 21.1 16.9 25.3





#19

1,1-Dichloroethane

Concen: 54.837 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

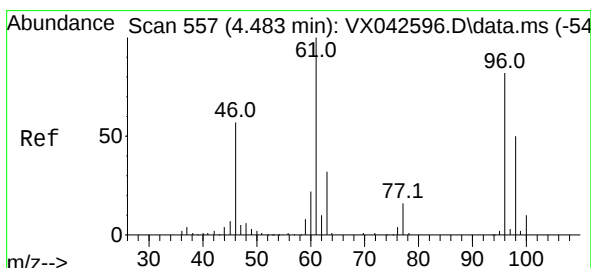
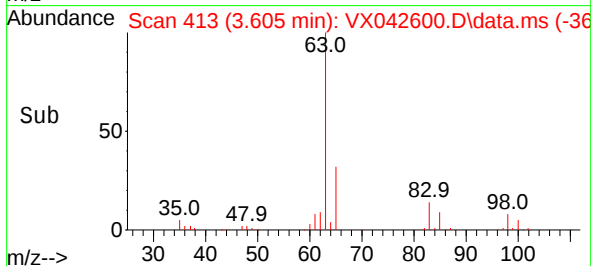
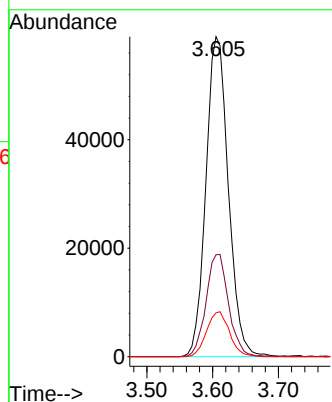
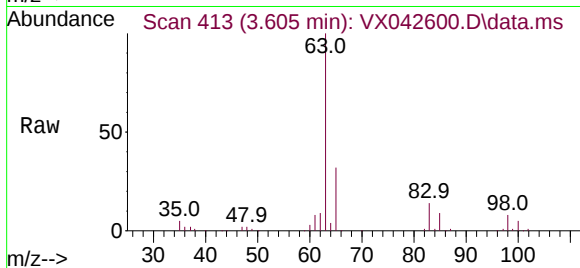
Tgt Ion: 63 Resp: 140124

Ion Ratio Lower Upper

63 100

65 31.8 23.6 43.8

83 13.7 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 56.119 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

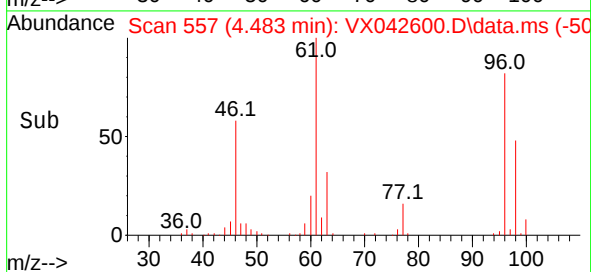
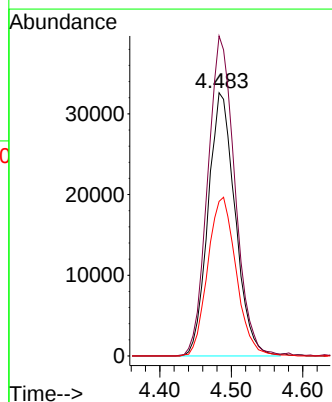
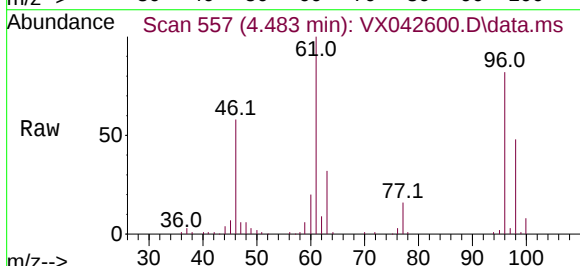
Tgt Ion: 96 Resp: 85787

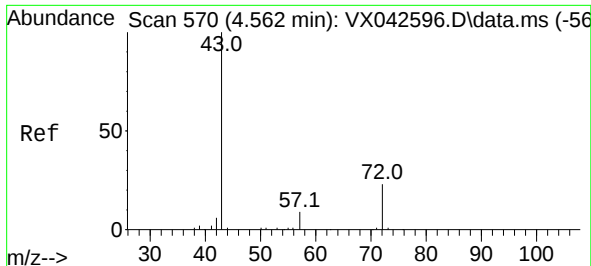
Ion Ratio Lower Upper

96 100

61 121.6 85.3 158.3

98 58.8 42.7 79.3





#22

2-Butanone

Concen: 115.499 ug/L

RT: 4.568 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

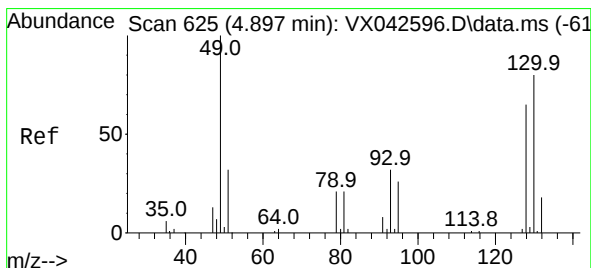
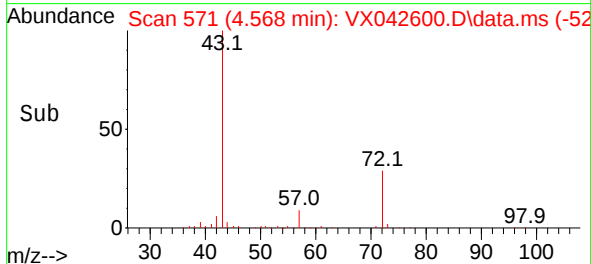
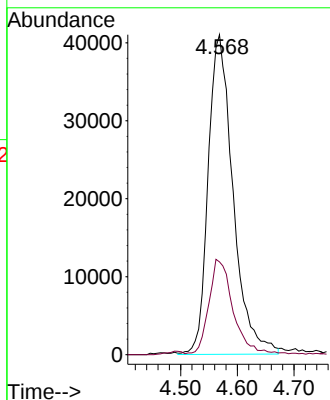
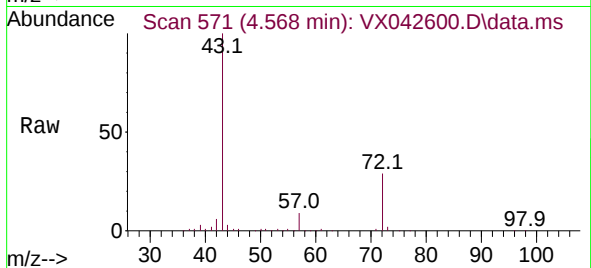
ClientSampleId :

Tgt Ion: 43 Resp: 124899

Ion Ratio Lower Upper

43 100

72 28.6 13.4 40.2



#23

Bromochloromethane

Concen: 53.075 ug/L

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Tgt Ion:128 Resp: 38420

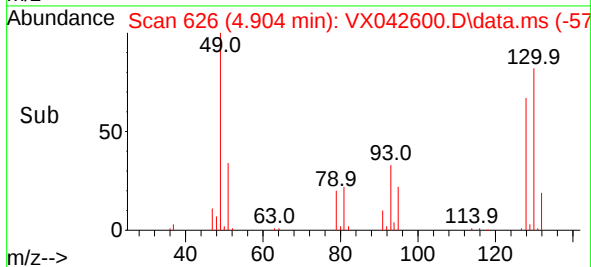
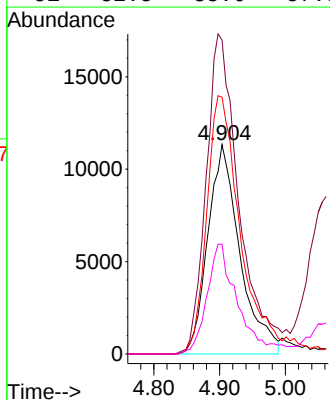
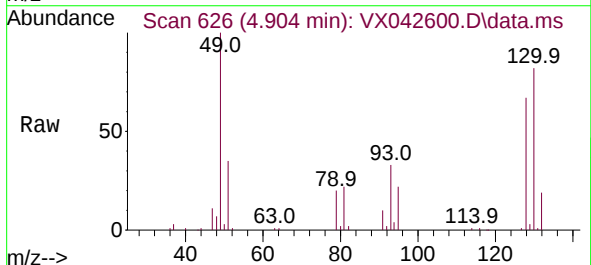
Ion Ratio Lower Upper

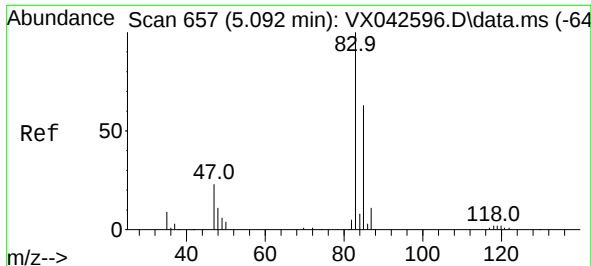
128 100

49 150.0 107.0 198.6

130 122.7 85.5 158.9

51 52.5 38.6 57.8





#25

Chloroform

Concen: 54.418 ug/L

RT: 5.093 min Scan# 60

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

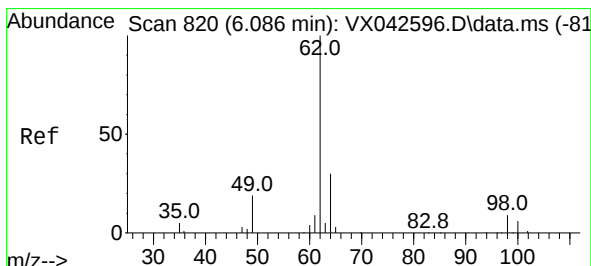
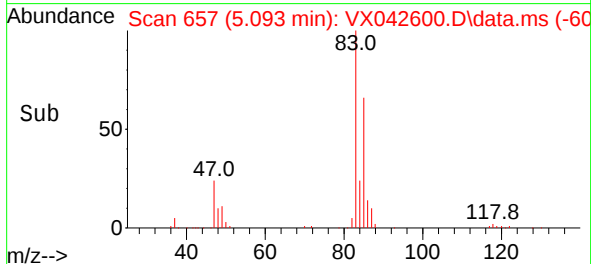
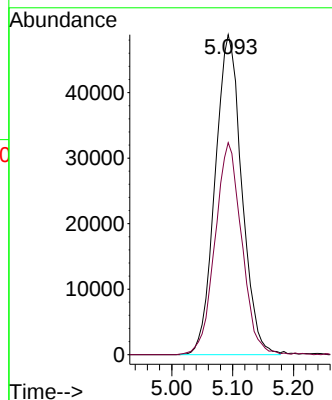
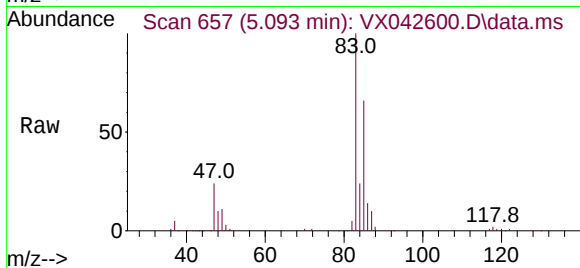
ClientSampleId :

Tgt Ion: 83 Resp: 148267

Ion Ratio Lower Upper

83 100

85 66.2 44.3 82.3



#27

1,2-Dichloroethane

Concen: 54.091 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042600.D

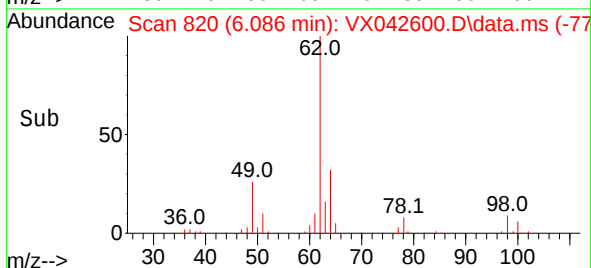
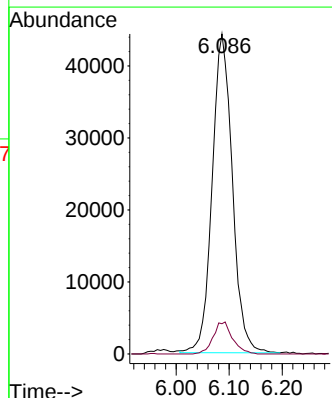
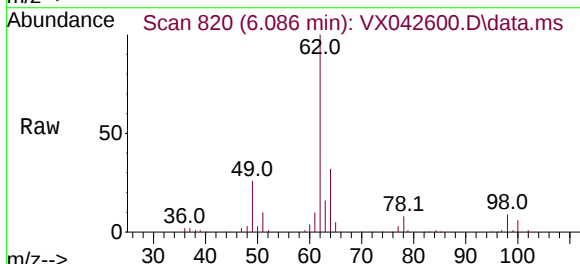
Acq: 26 Jul 2024 15:16

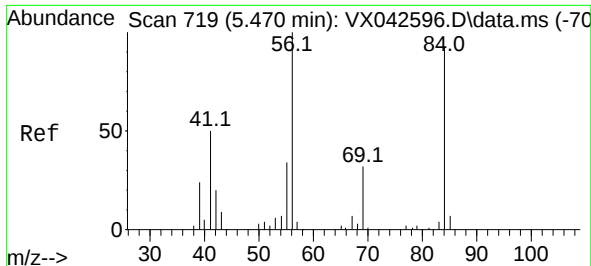
Tgt Ion: 62 Resp: 117048

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7





#29

Cyclohexane

Concen: 55.739 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

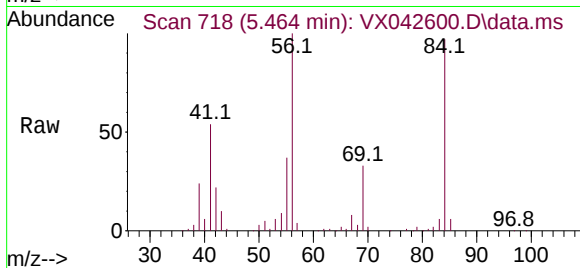
Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :



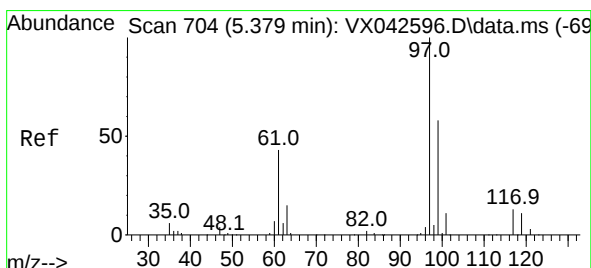
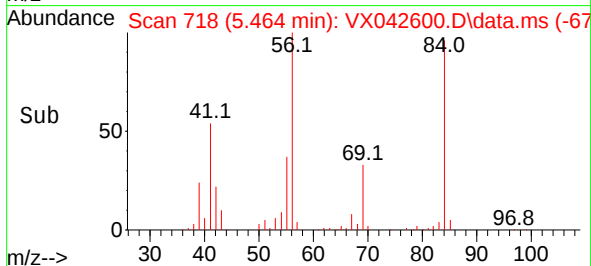
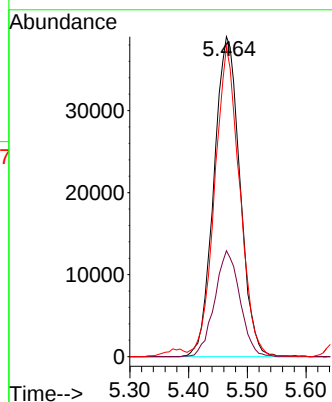
Tgt Ion: 56 Resp: 120076

Ion Ratio Lower Upper

56 100

69 32.2 26.1 39.1

84 93.1 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 56.281 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

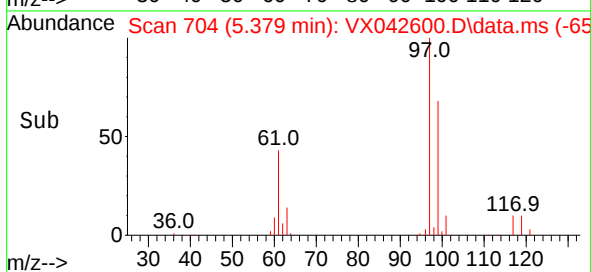
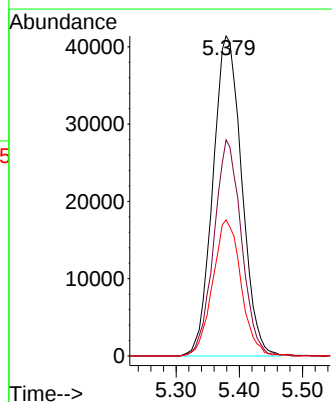
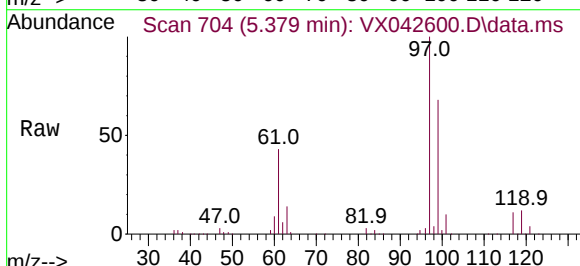
Tgt Ion: 97 Resp: 131001

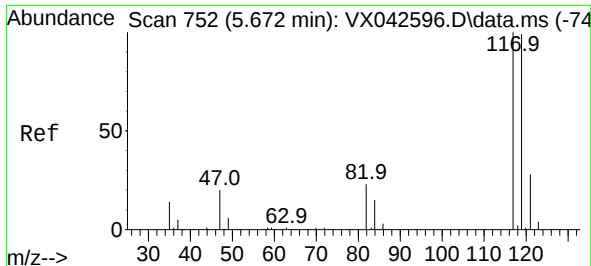
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

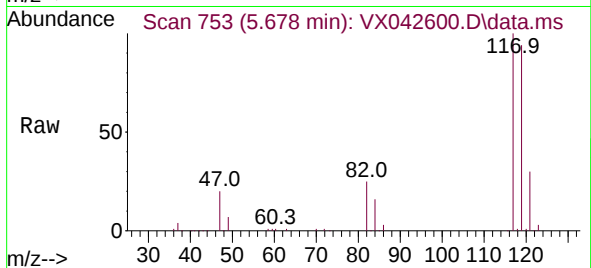
61 41.7 34.4 51.6



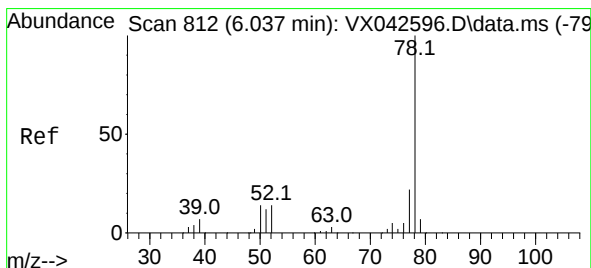
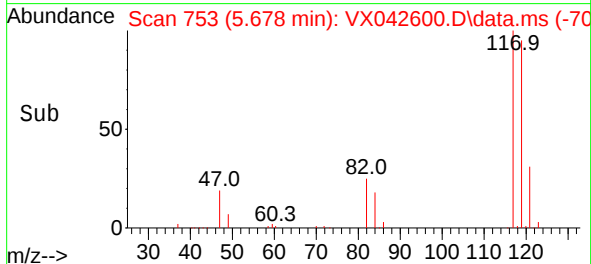
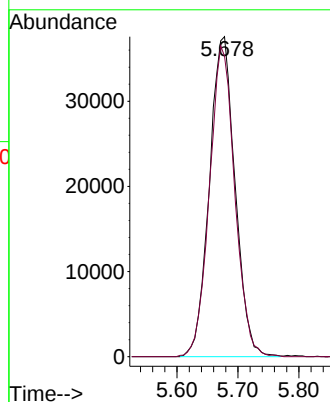


#31
Carbon tetrachloride
Concen: 55.946 ug/L
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :

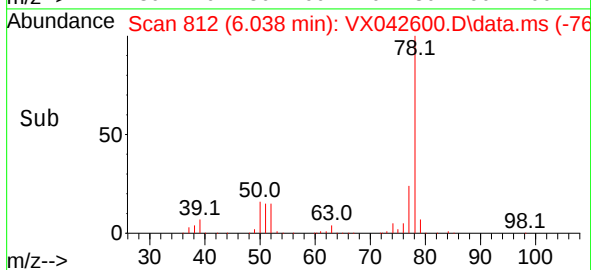
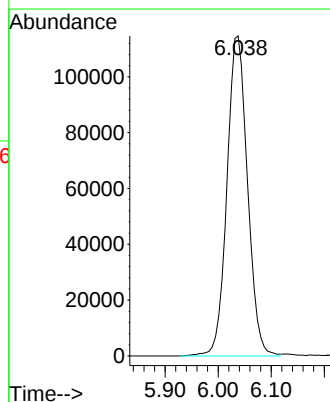
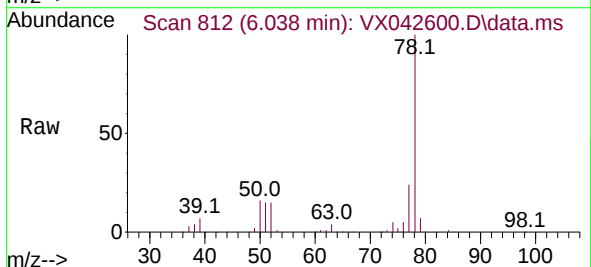


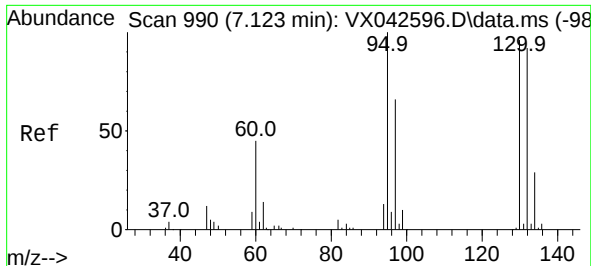
Tgt Ion:117 Resp: 109992
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2



#33
Benzene
Concen: 55.312 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

Tgt Ion: 78 Resp: 308458





#34

Trichloroethene

Concen: 53.825 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

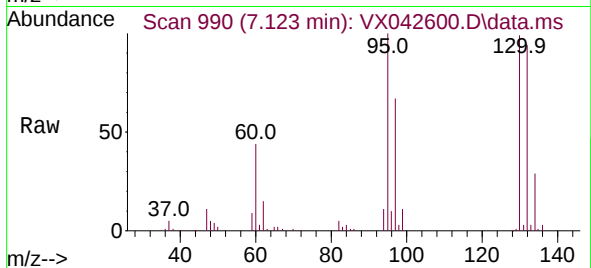
Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 80193

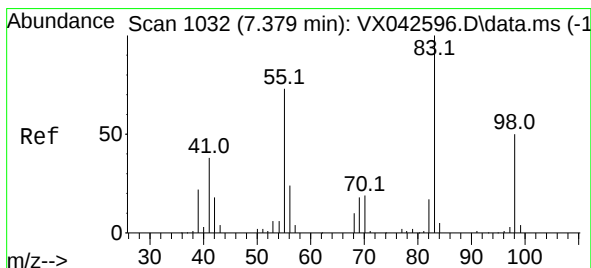
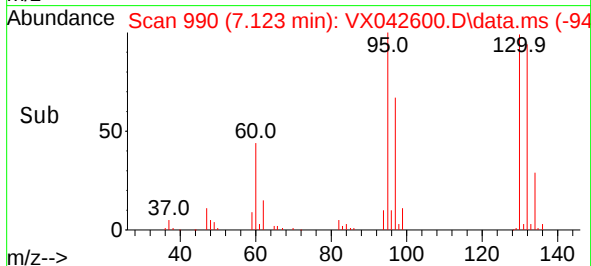
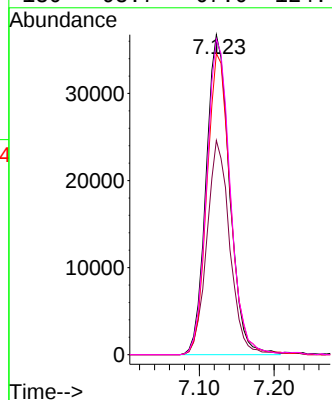
Ion Ratio Lower Upper

95 100

97 67.0 46.3 86.1

132 94.1 64.3 119.5

130 98.7 67.0 124.4



#35

Methylcyclohexane

Concen: 55.997 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

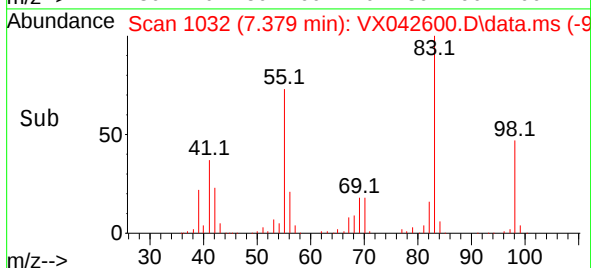
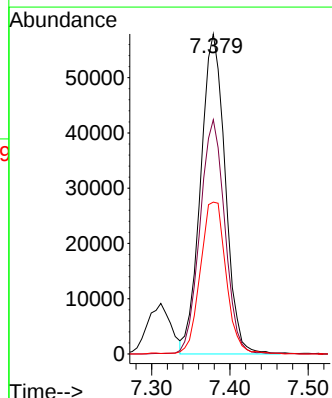
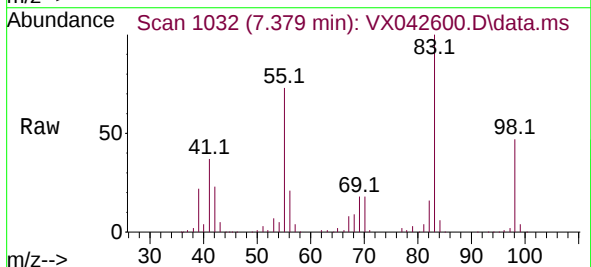
Tgt Ion: 83 Resp: 126272

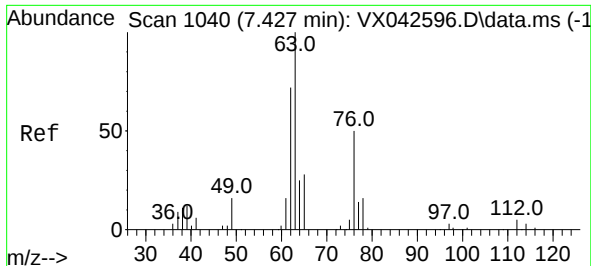
Ion Ratio Lower Upper

83 100

55 73.5 58.2 87.2

98 49.5 38.5 57.7





#37

1,2-Dichloropropane

Concen: 55.341 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

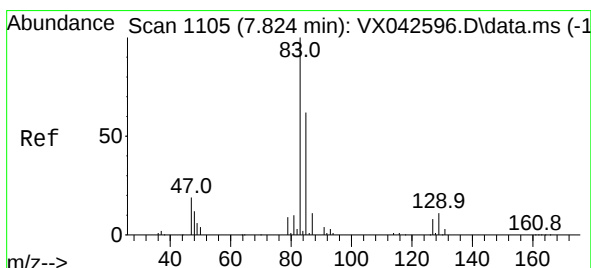
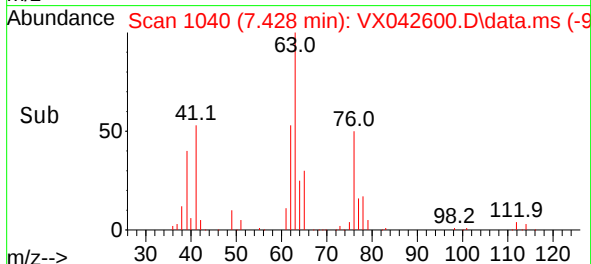
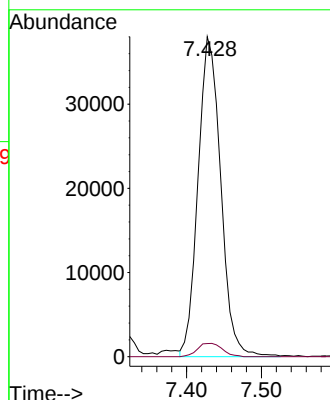
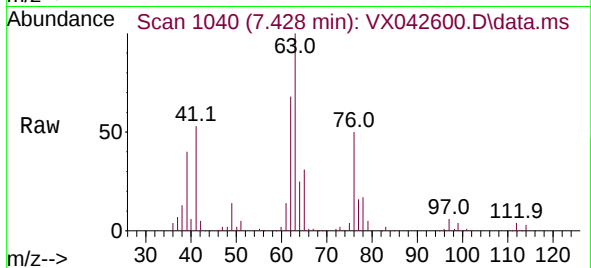
ClientSampleId :

Tgt Ion: 63 Resp: 80208

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 55.723 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

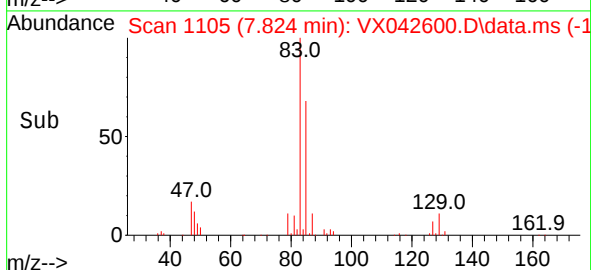
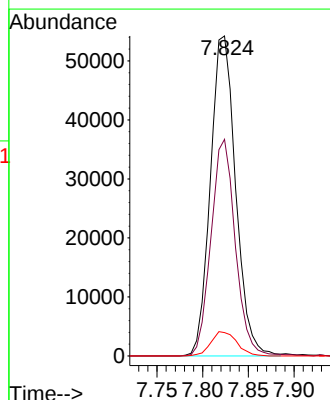
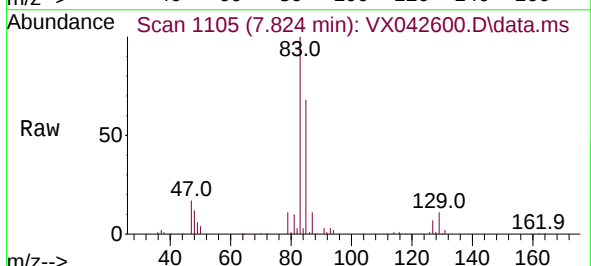
Tgt Ion: 83 Resp: 104382

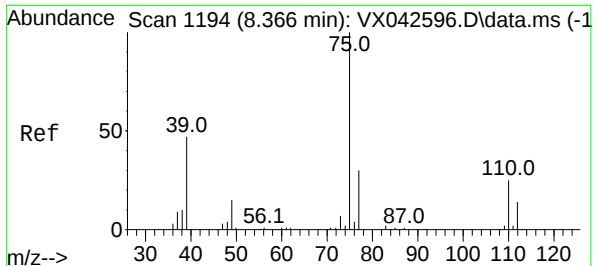
Ion Ratio Lower Upper

83 100

85 67.7 43.7 81.1

127 7.3 6.5 9.7

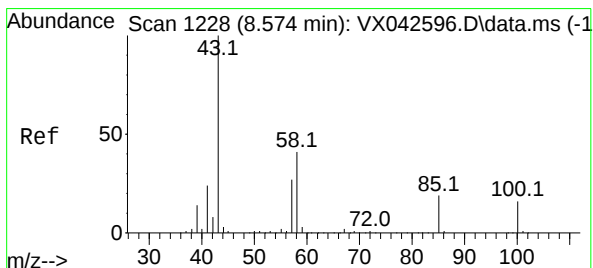
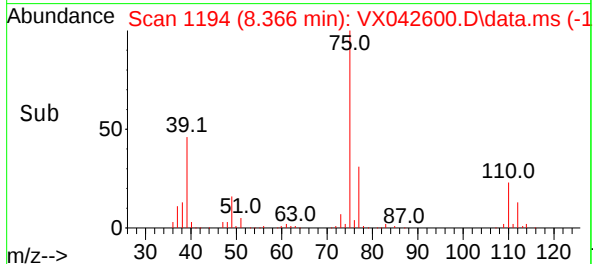
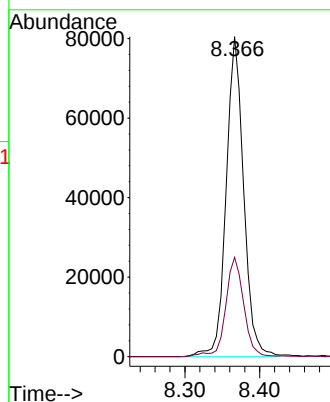
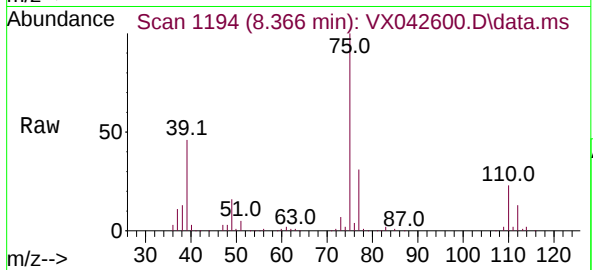




#39
cis-1,3-Dichloropropene
Concen: 59.014 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

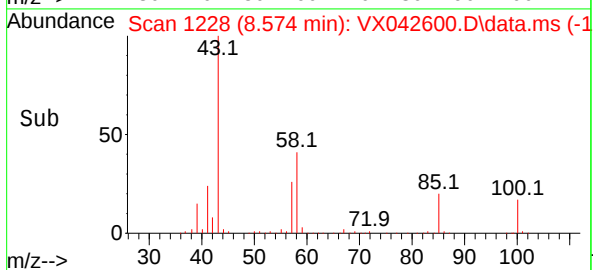
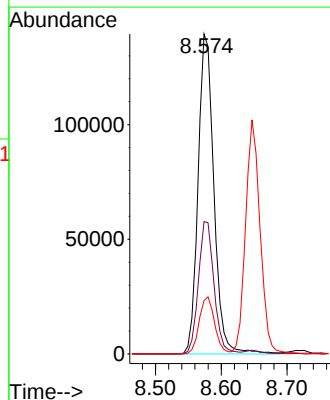
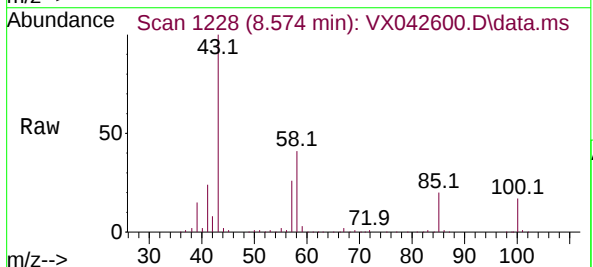
Instrument :
MSVOA_X
ClientSampleId :

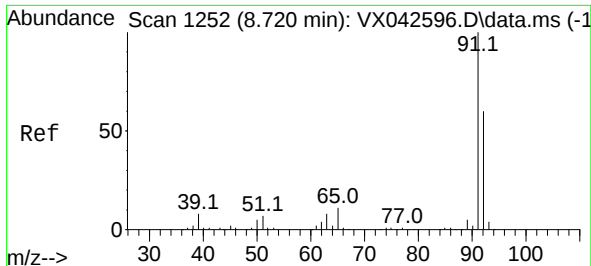
Tgt Ion: 75 Resp: 131286
Ion Ratio Lower Upper
75 100
77 31.1 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 117.126 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

Tgt Ion: 43 Resp: 233554
Ion Ratio Lower Upper
43 100
58 40.9 32.4 48.6
100 17.3 13.4 20.0





#42

Toluene

Concen: 57.184 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

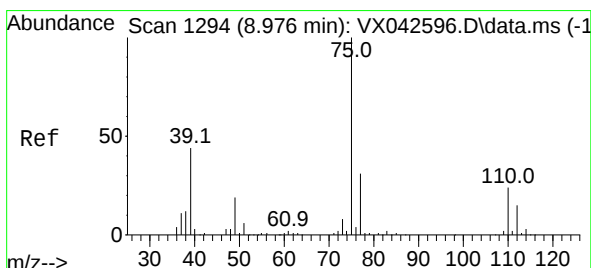
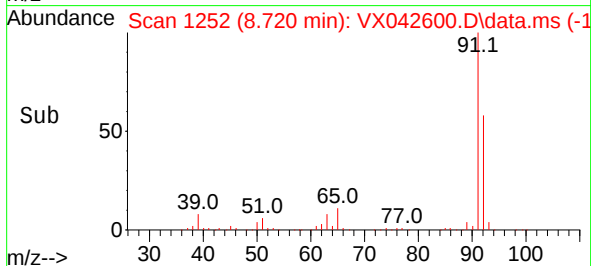
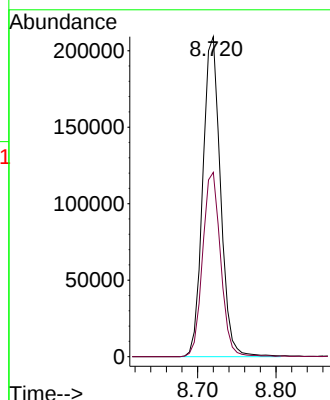
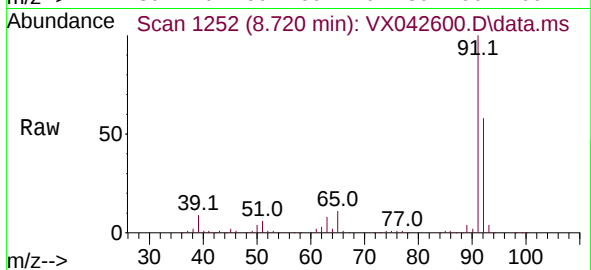
ClientSampleId :

Tgt Ion: 91 Resp: 328447

Ion Ratio Lower Upper

91 100

92 57.6 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 59.378 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042600.D

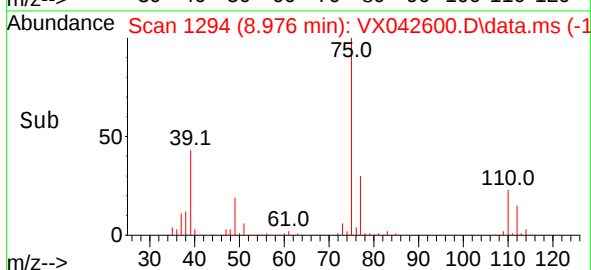
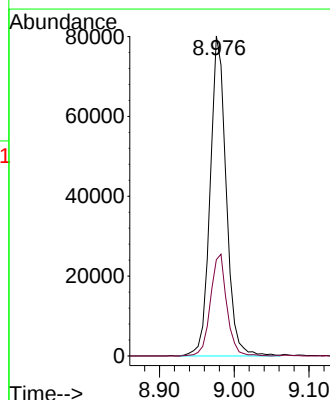
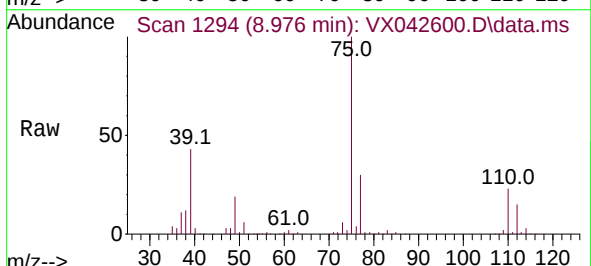
Acq: 26 Jul 2024 15:16

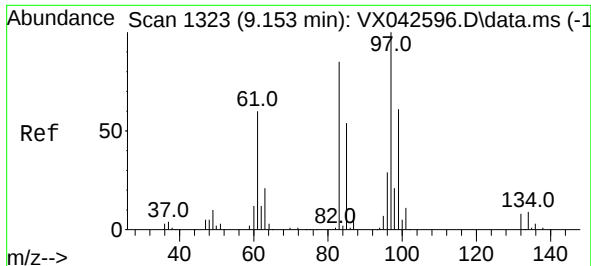
Tgt Ion: 75 Resp: 119742

Ion Ratio Lower Upper

75 100

77 30.1 22.0 40.8

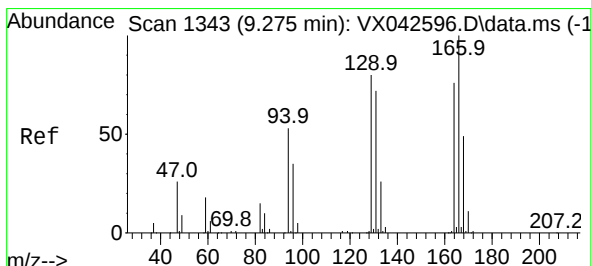
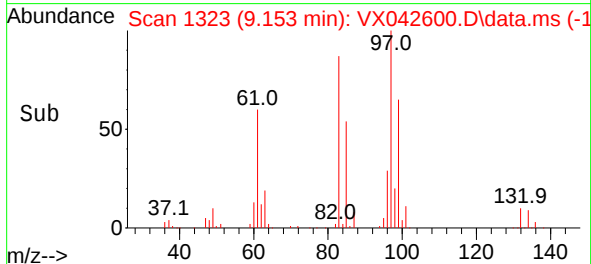
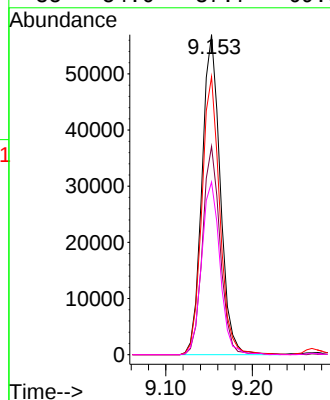
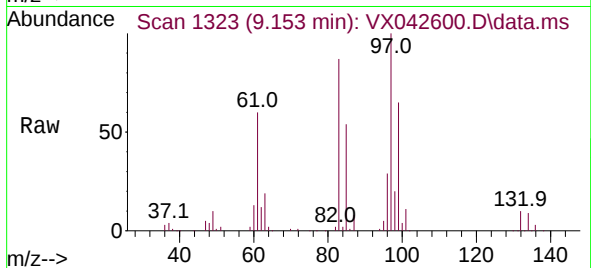




#45
1,1,2-Trichloroethane
Concen: 56.945 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

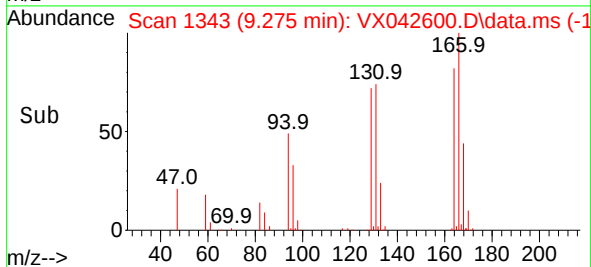
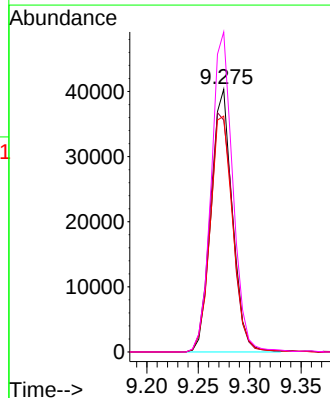
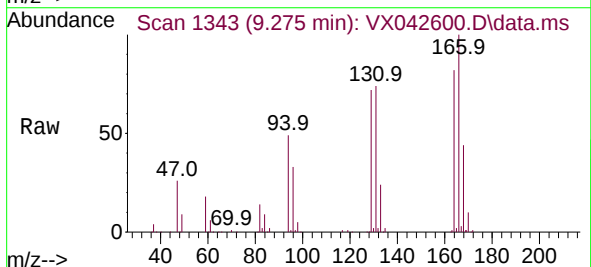
Instrument :
MSVOA_X
ClientSampleId :

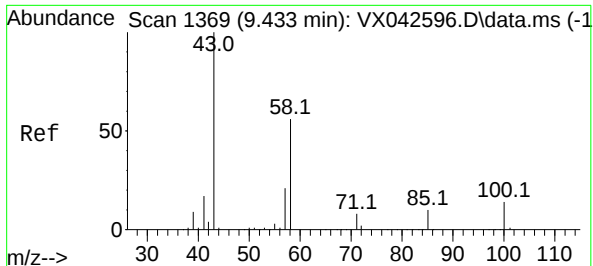
Tgt Ion:	97	Resp:	83357
Ion	Ratio	Lower	Upper
97	100		
99	65.1	42.6	79.2
83	86.9	59.3	110.1
85	54.0	37.7	69.9



#46
Tetrachloroethene
Concen: 56.900 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

Tgt Ion:	164	Resp:	57815
Ion	Ratio	Lower	Upper
164	100		
129	88.3	74.2	137.8
131	89.8	66.9	124.3
166	121.8	92.7	172.1





#48

2-Hexanone

Concen: 118.011 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 183014

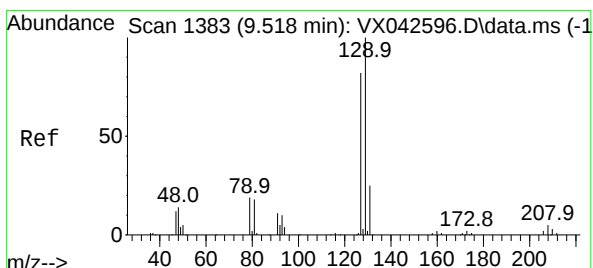
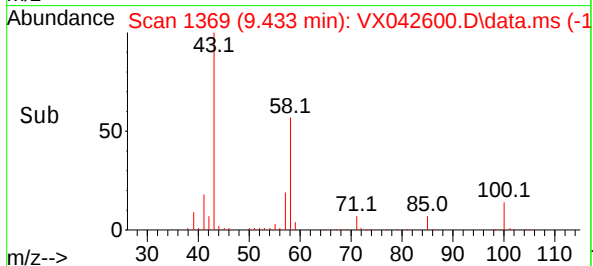
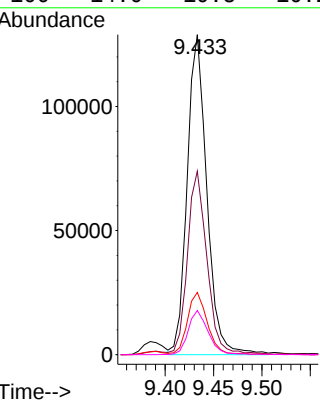
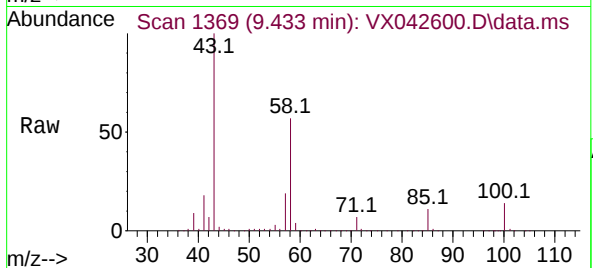
Ion Ratio Lower Upper

43 100

58 55.2 44.9 67.3

57 19.6 15.8 23.6

100 14.0 10.8 16.2



#49

Dibromochloromethane

Concen: 58.458 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX042600.D

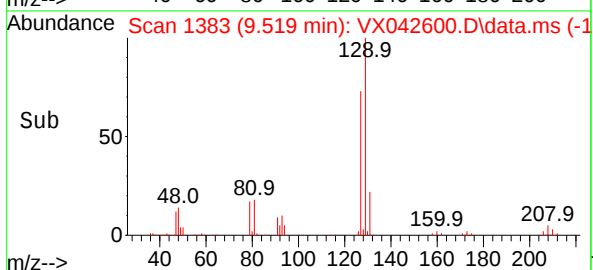
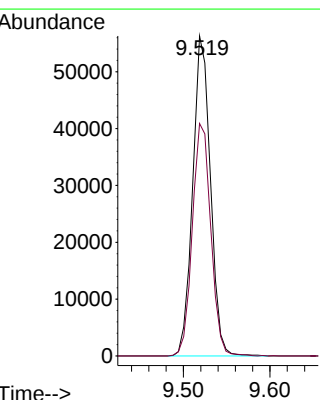
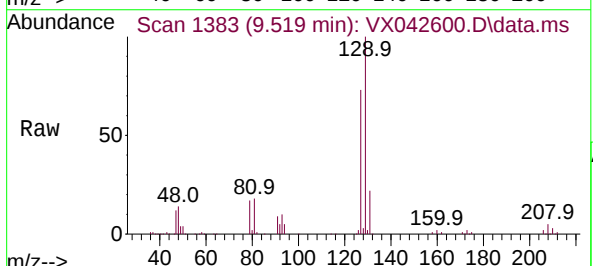
Acq: 26 Jul 2024 15:16

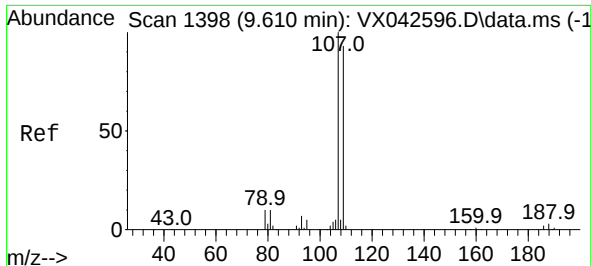
Tgt Ion:129 Resp: 79907

Ion Ratio Lower Upper

129 100

127 72.6 57.4 106.6

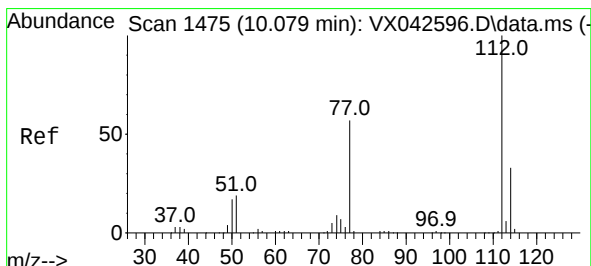
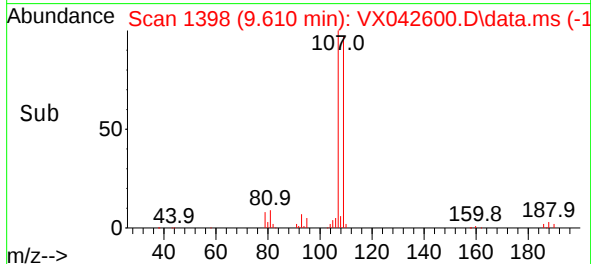
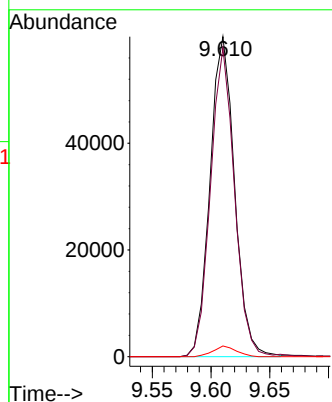
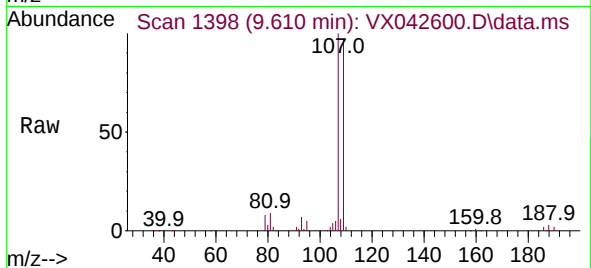




#50
1,2-Dibromoethane
Concen: 57.394 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

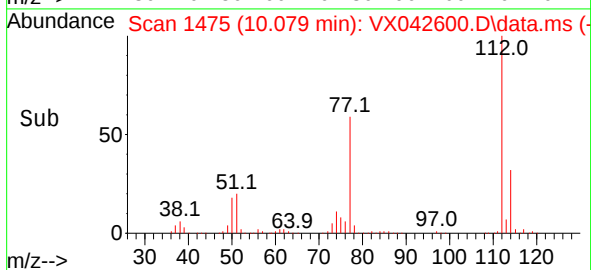
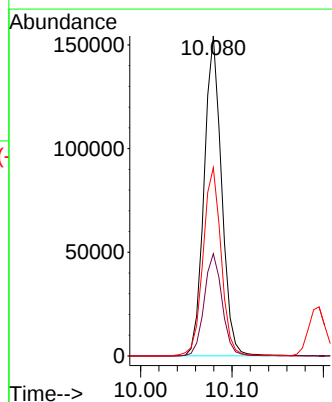
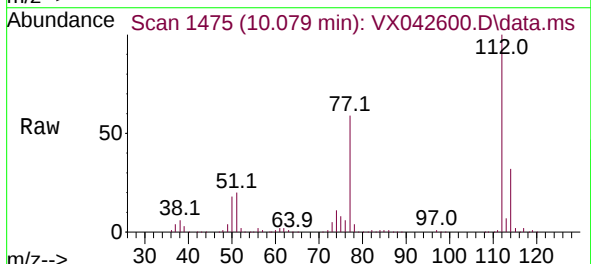
Instrument :
MSVOA_X
ClientSampleId :

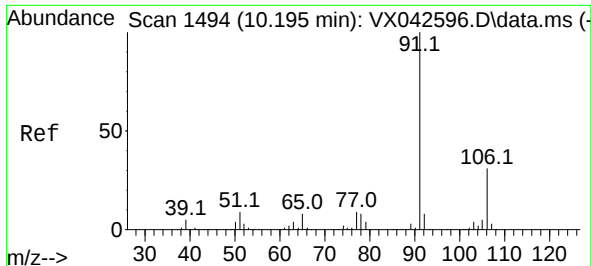
Tgt Ion:107 Resp: 87379
Ion Ratio Lower Upper
107 100
109 96.5 65.4 121.4
188 3.4 2.2 3.2#



#51
Chlorobenzene
Concen: 54.997 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

Tgt Ion:112 Resp: 204276
Ion Ratio Lower Upper
112 100
114 31.9 23.2 43.2
77 58.8 46.3 69.5





#52

Ethylbenzene

Concen: 57.414 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

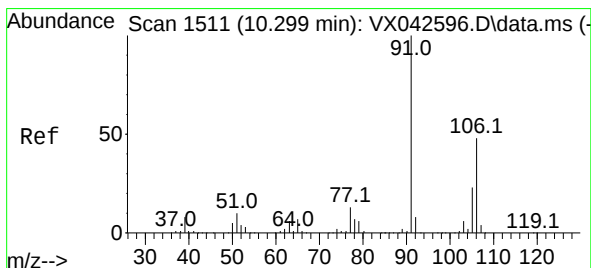
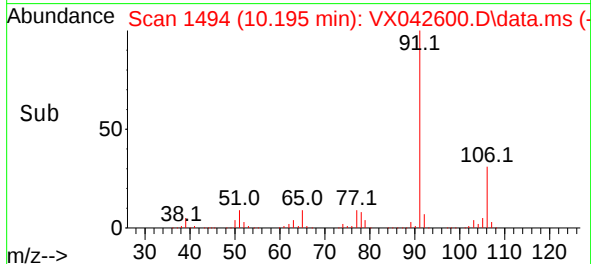
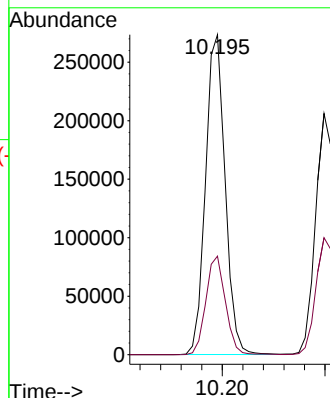
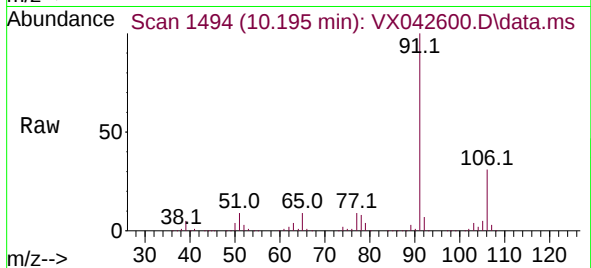
ClientSampleId :

Tgt Ion: 91 Resp: 361703

Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.4



#53

m,p-Xylene

Concen: 58.560 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042600.D

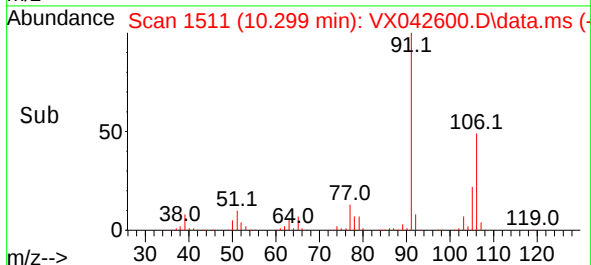
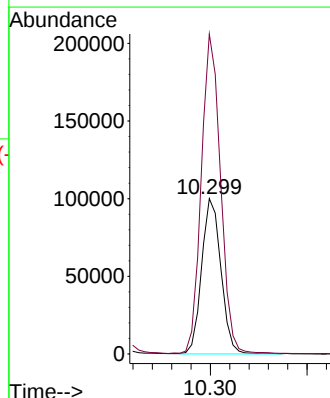
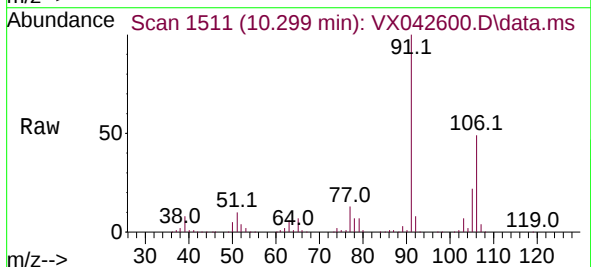
Acq: 26 Jul 2024 15:16

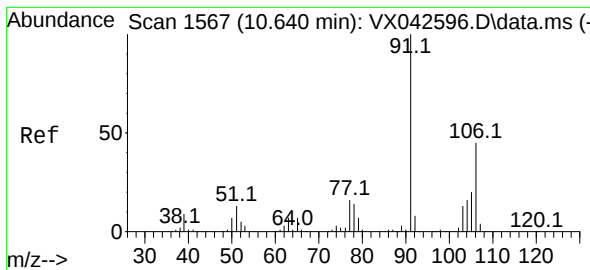
Tgt Ion:106 Resp: 138980

Ion Ratio Lower Upper

106 100

91 206.0 146.8 272.6





#54

o-Xylene

Concen: 57.933 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

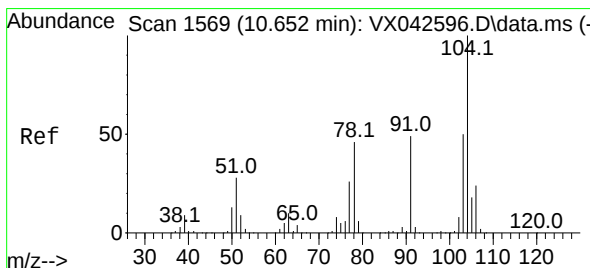
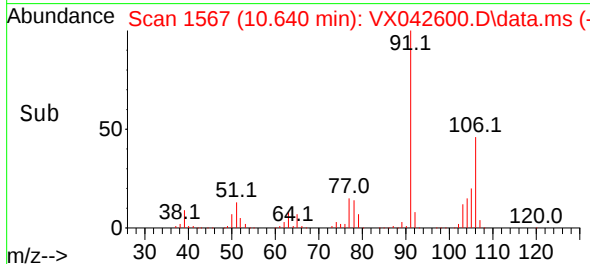
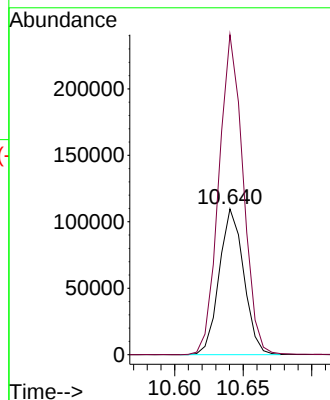
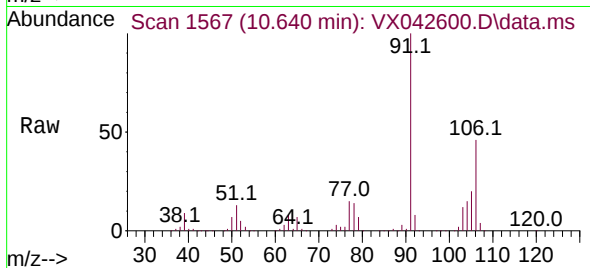
ClientSampleId :

Tgt Ion:106 Resp: 136772

Ion Ratio Lower Upper

106 100

91 219.6 154.6 287.2



#55

Styrene

Concen: 58.162 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX042600.D

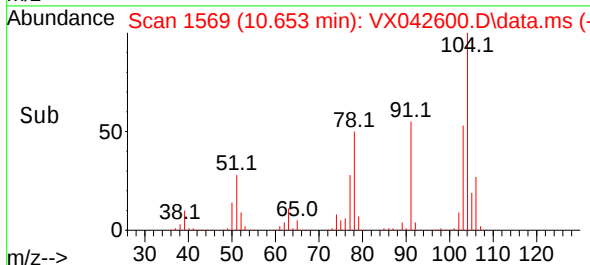
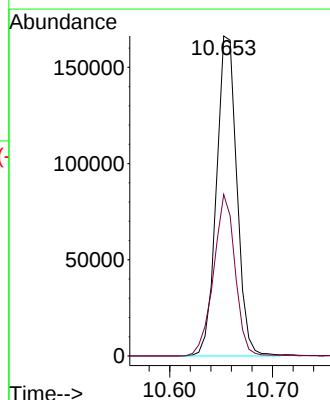
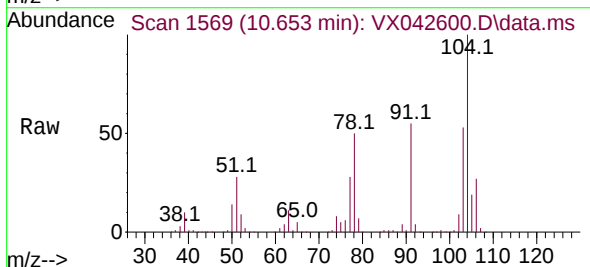
Acq: 26 Jul 2024 15:16

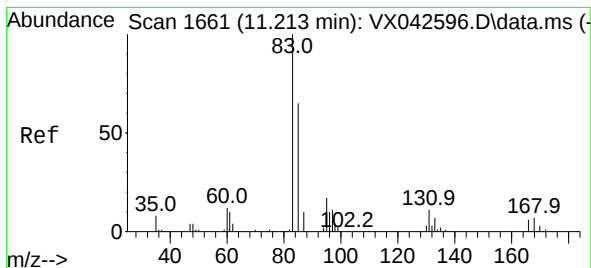
Tgt Ion:104 Resp: 228894

Ion Ratio Lower Upper

104 100

78 50.5 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 55.884 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

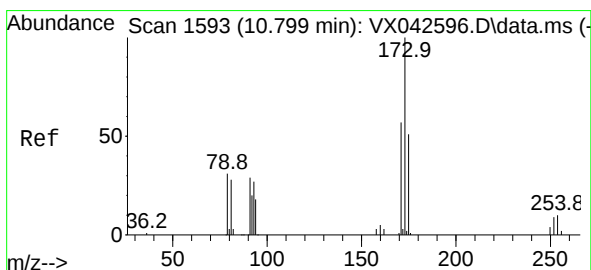
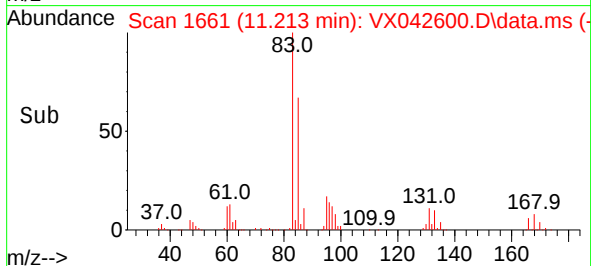
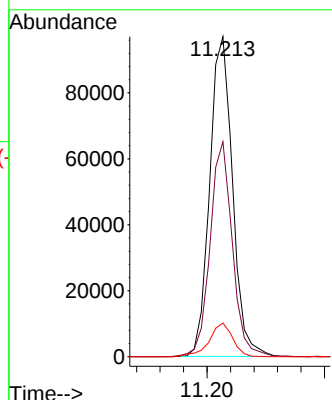
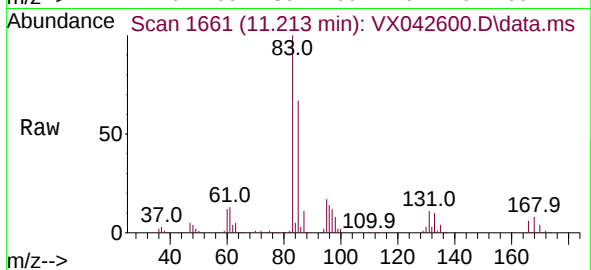
Tgt Ion: 83 Resp: 130818

Ion Ratio Lower Upper

83 100

85 67.2 46.1 85.5

131 10.5 8.6 13.0



#59

Bromoform

Concen: 56.158 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

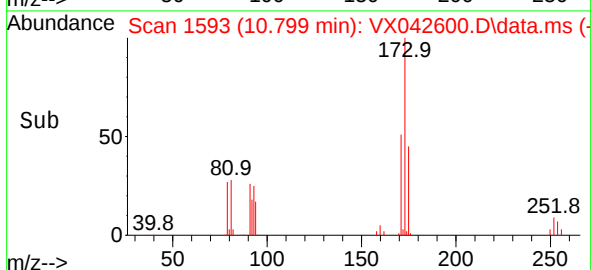
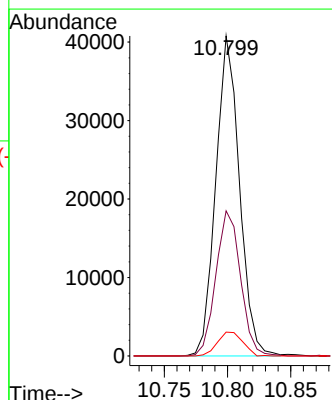
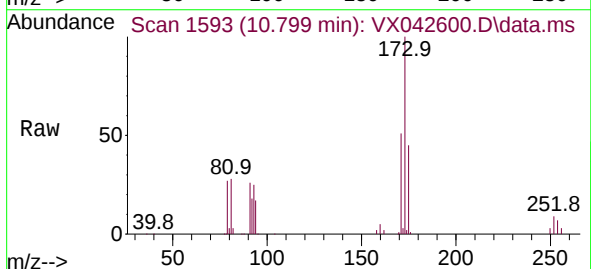
Tgt Ion:173 Resp: 52996

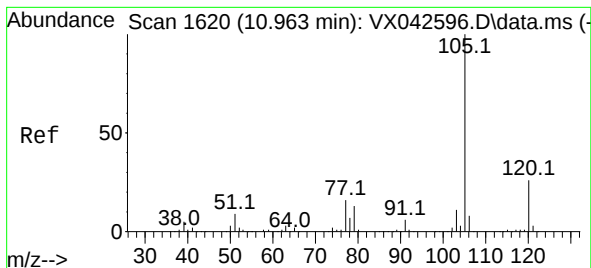
Ion Ratio Lower Upper

173 100

175 47.2 37.4 56.2

254 8.0 6.8 10.2





#60

Isopropylbenzene

Concen: 56.239 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

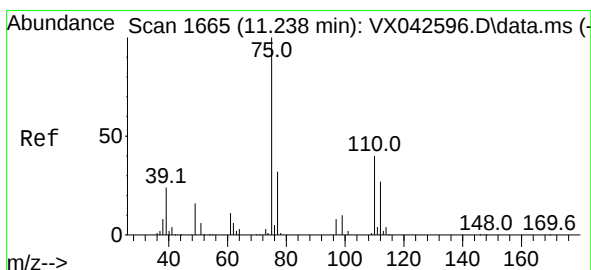
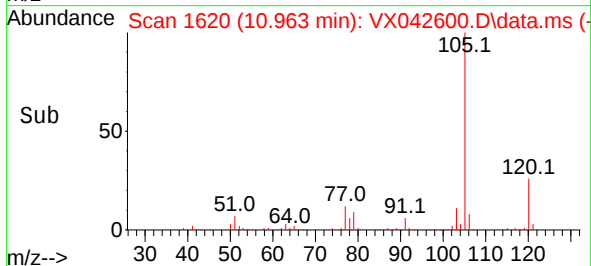
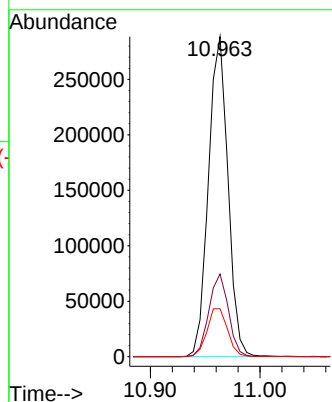
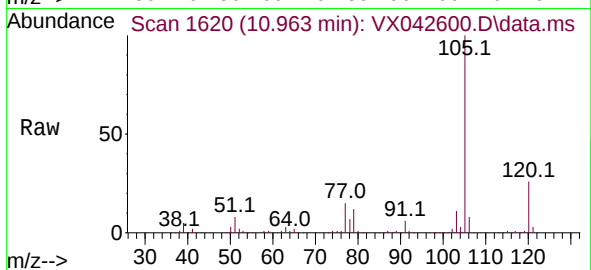
Tgt Ion:105 Resp: 357341

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.6

77 15.8 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 52.530 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

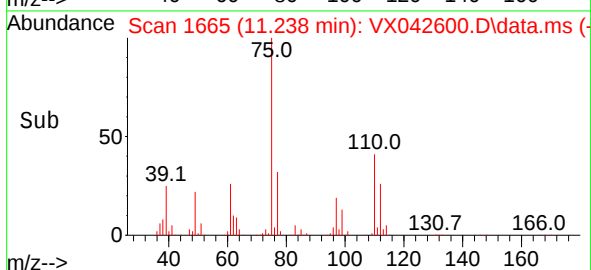
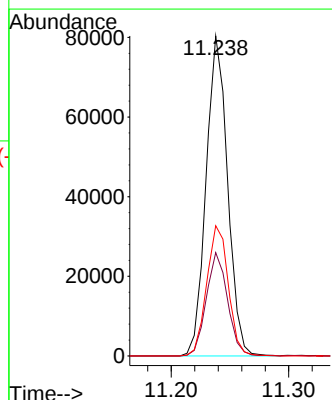
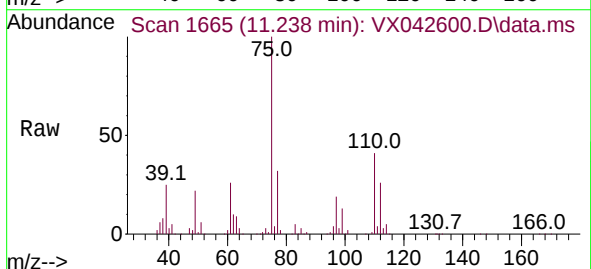
Tgt Ion: 75 Resp: 102195

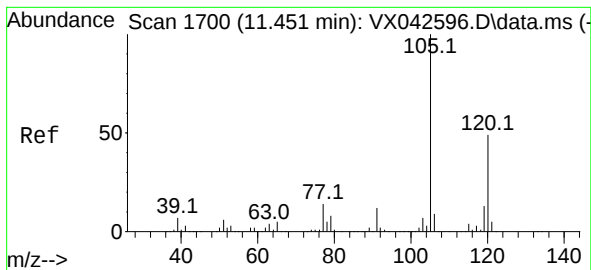
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4

110 40.9 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 56.392 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

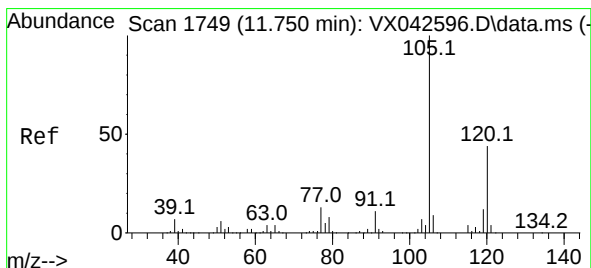
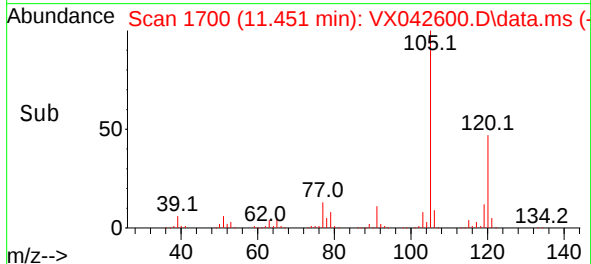
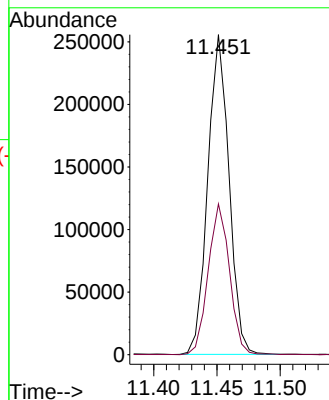
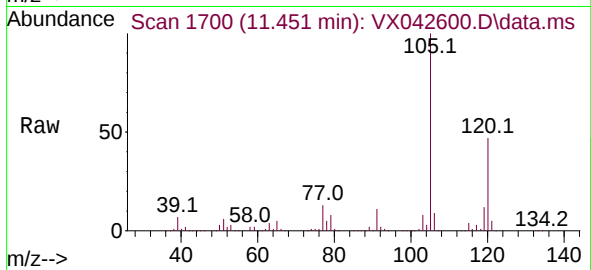
ClientSampleId :

Tgt Ion:105 Resp: 298006

Ion Ratio Lower Upper

105 100

120 47.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 56.362 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042600.D

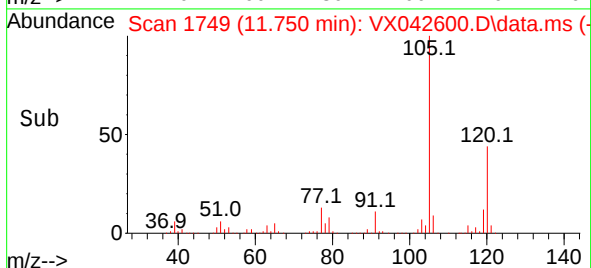
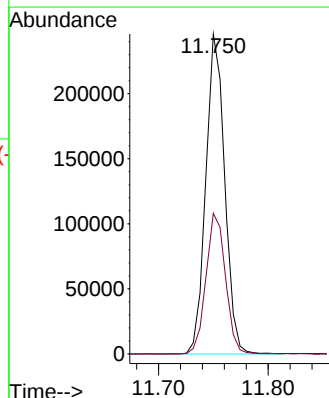
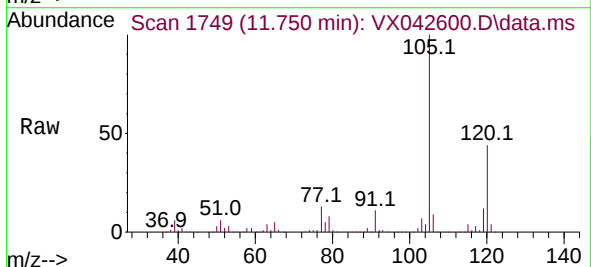
Acq: 26 Jul 2024 15:16

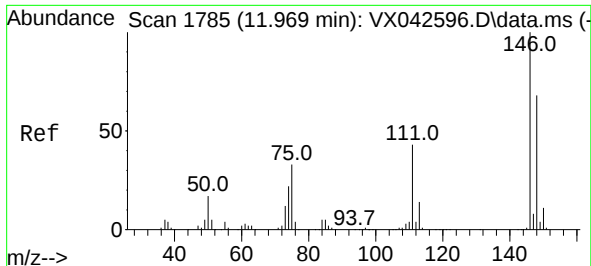
Tgt Ion:105 Resp: 294095

Ion Ratio Lower Upper

105 100

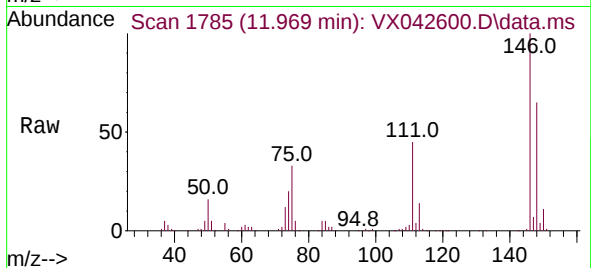
120 45.4 35.2 52.8



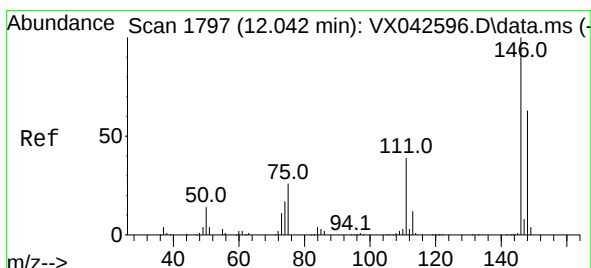
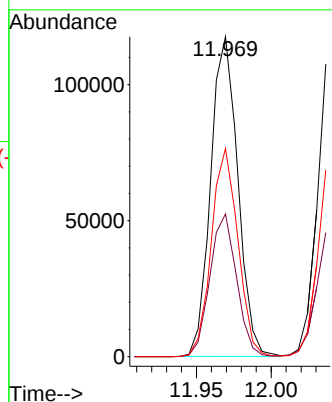
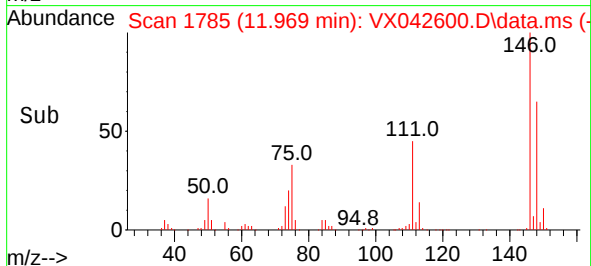


#64
1,3-Dichlorobenzene
Concen: 54.276 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16

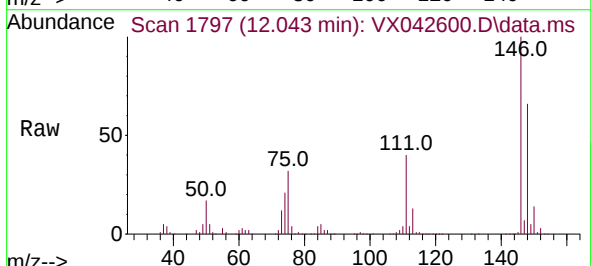
Instrument :
MSVOA_X
ClientSampleId :



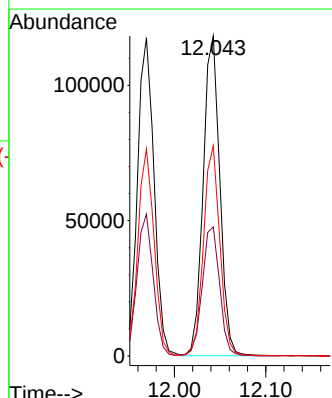
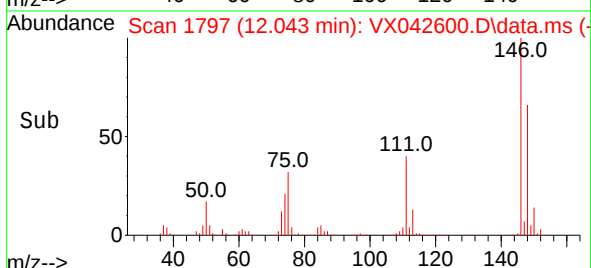
Tgt Ion:146 Resp: 148323
Ion Ratio Lower Upper
146 100
111 44.6 30.4 56.5
148 65.0 47.7 88.7

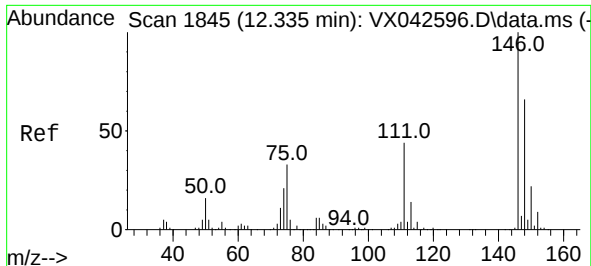


#65
1,4-Dichlorobenzene
Concen: 54.358 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042600.D
Acq: 26 Jul 2024 15:16



Tgt Ion:146 Resp: 149618
Ion Ratio Lower Upper
146 100
111 40.3 27.9 51.7
148 65.7 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 54.856 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

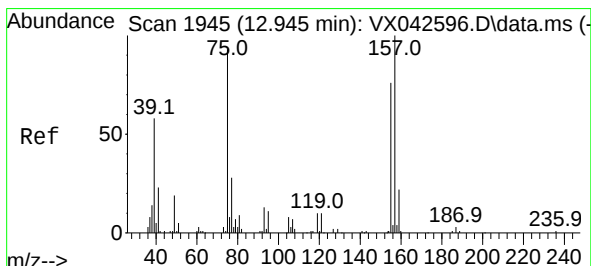
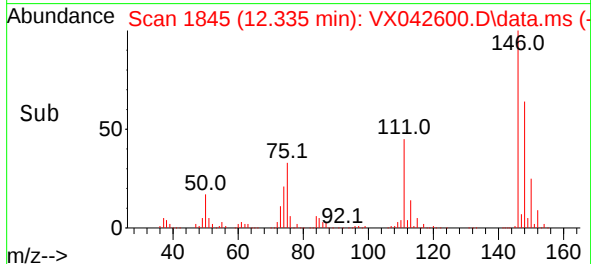
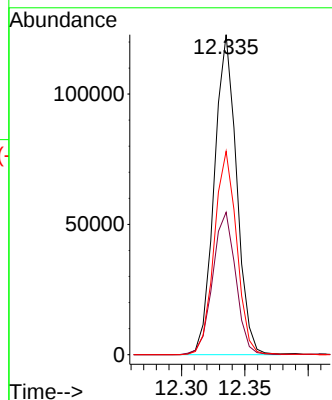
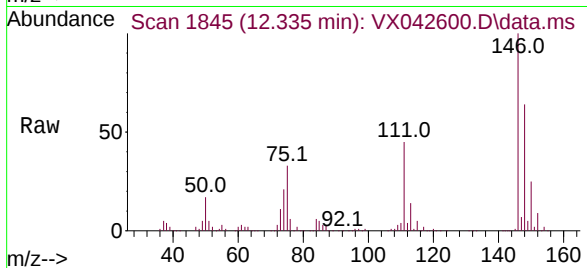
Tgt Ion:146 Resp: 150951

Ion Ratio Lower Upper

146 100

111 44.5 35.3 52.9

148 63.6 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 54.827 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

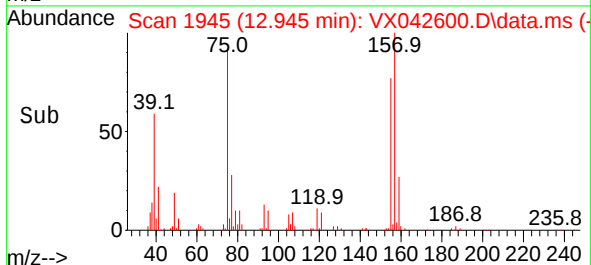
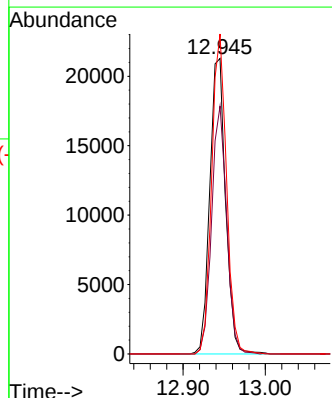
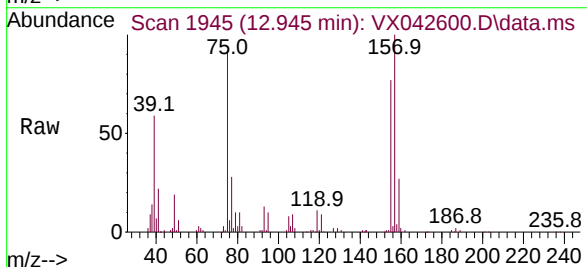
Tgt Ion: 75 Resp: 28416

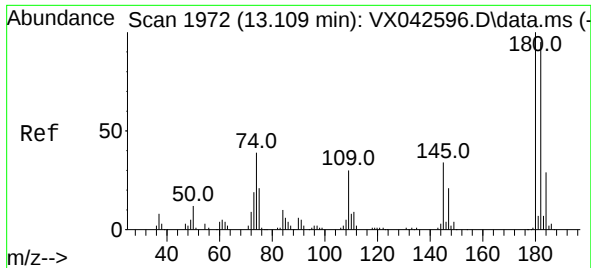
Ion Ratio Lower Upper

75 100

155 83.9 65.1 97.7

157 108.3 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 54.421 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 92242

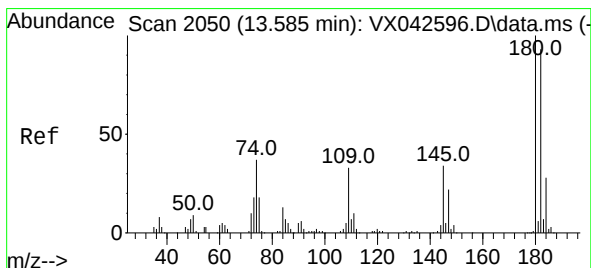
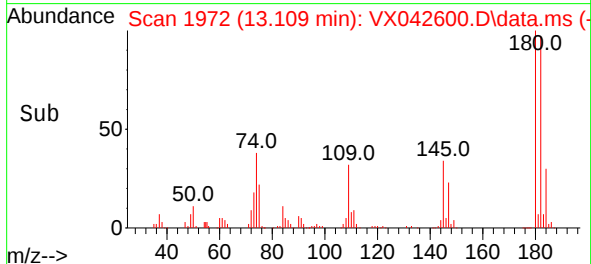
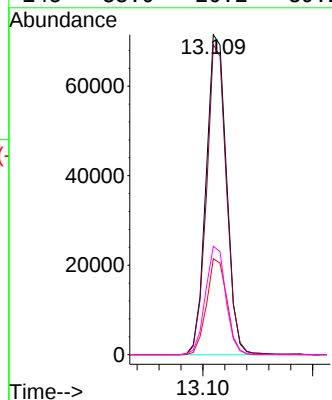
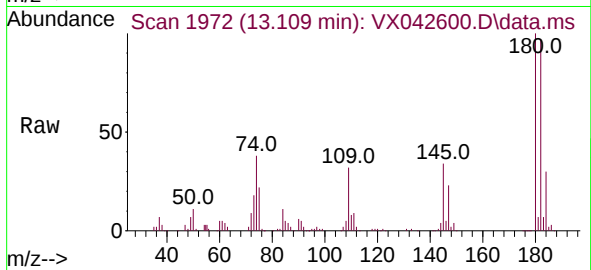
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.0

184 29.9 23.4 35.0

145 33.9 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 54.915 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

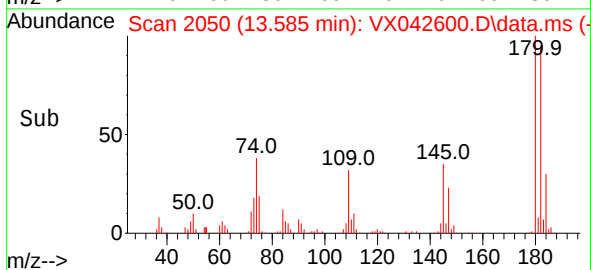
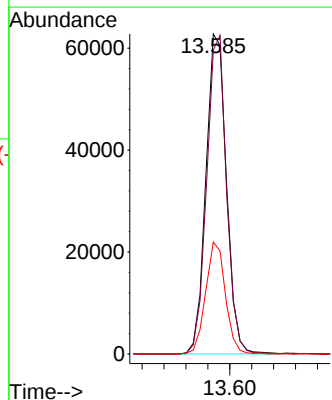
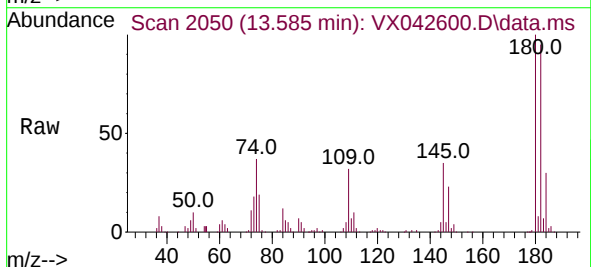
Tgt Ion:180 Resp: 81625

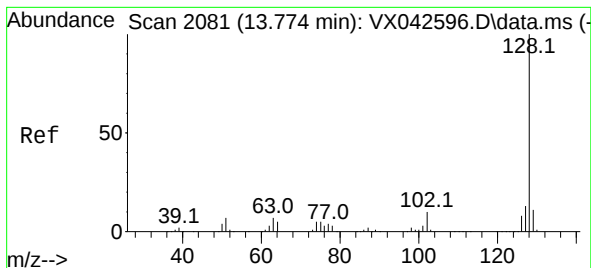
Ion Ratio Lower Upper

180 100

182 95.5 77.0 115.4

145 33.6 27.0 40.6





#71

Naphthalene

Concen: 57.478 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

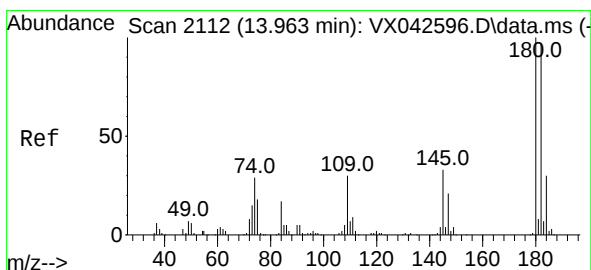
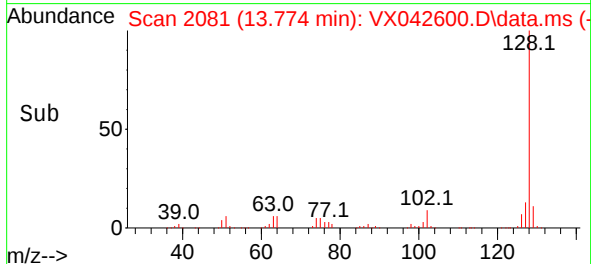
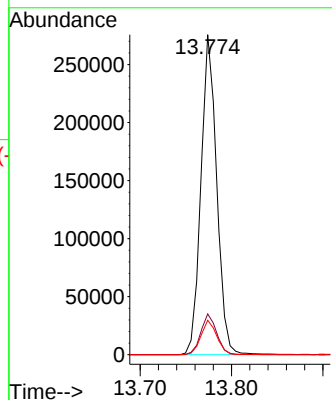
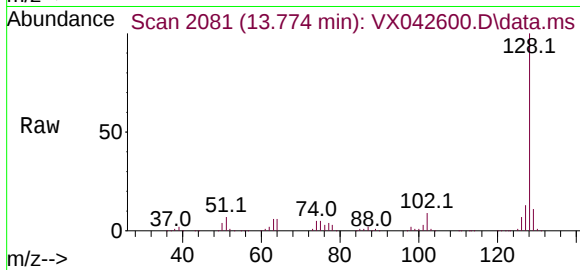
Tgt Ion:128 Resp: 329564

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: 56.329 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042600.D

Acq: 26 Jul 2024 15:16

Tgt Ion:180 Resp: 86730

Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

145 36.0 27.6 41.4

