

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073024\
 Data File : VX042754.D
 Acq On : 30 Jul 2024 20:57
 Operator : JC/MD
 Sample : P3389-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20T0MSD

Quant Time: Jul 31 03:21:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 03:10:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	127428	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	116402	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53448	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	32544	42.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.080%
7) Chloroethane-d5	1.648	69	15219	47.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.420%
11) 1,1-Dichloroethene-d2	2.294	65	16647	43.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.280%
21) 2-Butanone-d5	4.464	46	60952	106.228	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.230%
24) Chloroform-d	5.062	84	89254	52.672	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.340%
26) 1,2-Dichloroethane-d4	5.958	65	58583	53.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.180%
32) Benzene-d6	5.976	84	166423	51.515	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
36) 1,2-Dichloropropane-d6	7.311	67	49583	51.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.720%
41) Toluene-d8	8.647	98	149904	51.753	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.500%
43) trans-1,3-Dichloroprop...	8.951	79	21847	48.828	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.660%
47) 2-Hexanone-d5	9.384	63	47494	111.103	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.100%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	74608	54.196	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	51208	50.696	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51728	45.947	ug/L	99
3) Chloromethane	1.300	50	46493	49.940	ug/L	99
5) Vinyl chloride	1.374	62	55015	62.165	ug/L	94
6) Bromomethane	1.599	94	15731	56.813	ug/L	97
8) Chloroethane	1.666	64	15241	47.037	ug/L	96
9) Trichlorofluoromethane	1.873	101	58760	46.909	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	41036	45.588	ug/L	96
12) 1,1-Dichloroethene	2.306	96	41312	50.149	ug/L	89
13) Acetone	2.392	43	47437	105.765	ug/L	100
14) Carbon disulfide	2.501	76	96113	47.784	ug/L	99
15) Methyl Acetate	2.709	43	54724	55.044	ug/L	96
16) Methylene chloride	2.788	84	53608	56.349	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	46948	55.533	ug/L	90
18) Methyl tert-butyl Ether	3.123	73	172670	58.926	ug/L	99
19) 1,1-Dichloroethane	3.605	63	88444	54.794	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	55640	57.621	ug/L	96
22) 2-Butanone	4.568	43	78784	115.335	ug/L	95
23) Bromochloromethane	4.903	128	26764	58.532	ug/L	92
25) Chloroform	5.092	83	100383	58.326	ug/L	100

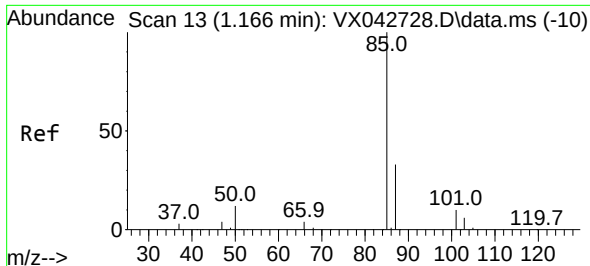
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073024\
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 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 03:10:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	80099	58.599	ug/L	98
29) Cyclohexane	5.470	56	60385	43.882	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	83373	56.074	ug/L	99
31) Carbon tetrachloride	5.672	117	67646	53.864	ug/L	99
33) Benzene	6.037	78	199487	56.000	ug/L	100
34) Trichloroethene	7.129	95	50573	53.139	ug/L	96
35) Methylcyclohexane	7.379	83	63549	44.118	ug/L	97
37) 1,2-Dichloropropane	7.433	63	52213	56.397	ug/L	99
38) Bromodichloromethane	7.824	83	68687	57.403	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	80467	56.624	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	150504	118.158	ug/L	95
42) Toluene	8.720	91	209526	57.107	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	72644	56.393	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	56053	59.946	ug/L	97
46) Tetrachloroethene	9.275	164	36485	56.213	ug/L	93
48) 2-Hexanone	9.433	43	118849	119.972	ug/L	98
49) Dibromochloromethane	9.525	129	53927	61.761	ug/L	96
50) 1,2-Dibromoethane	9.610	107	58082	59.724	ug/L #	94
51) Chlorobenzene	10.079	112	136425	57.500	ug/L	98
52) Ethylbenzene	10.195	91	226371	56.252	ug/L	98
53) m,p-Xylene	10.305	106	88032	58.068	ug/L	95
54) o-Xylene	10.640	106	88903	58.951	ug/L	100
55) Styrene	10.658	104	149933	59.641	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	89590	59.914	ug/L	99
59) Bromoform	10.799	173	35480	59.152	ug/L	99
60) Isopropylbenzene	10.963	105	222683	55.140	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	71425	57.763	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	189200	56.330	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	186231	56.153	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	95664	55.077	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	97487	55.725	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	98466	56.299	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	20171	61.232	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	57041	52.948	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	49016	51.883	ug/L	100
71) Naphthalene	13.774	128	217162	59.589	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	54896	56.095	ug/L	100

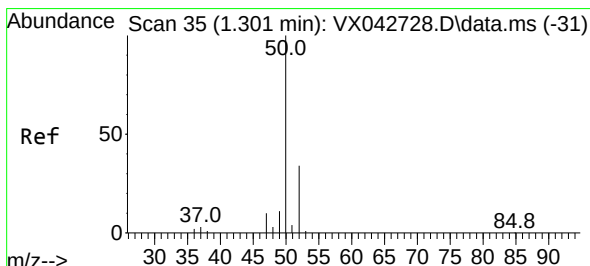
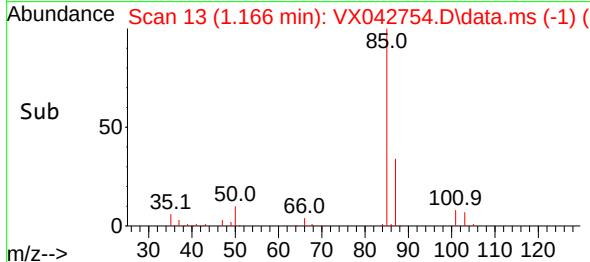
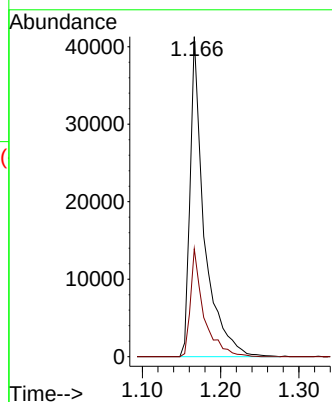
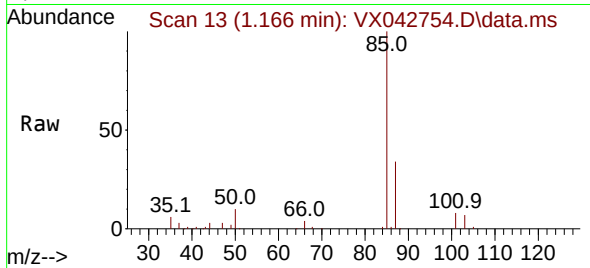
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#2
Dichlorodifluoromethane
Concen: 45.947 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

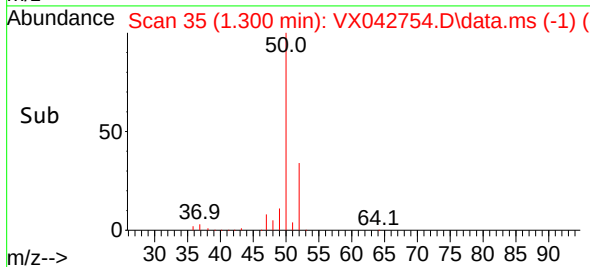
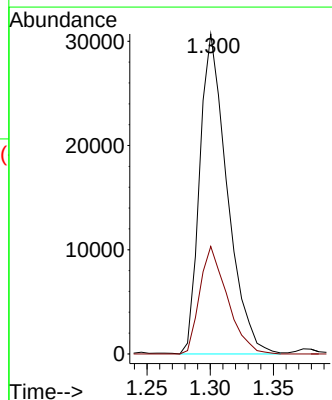
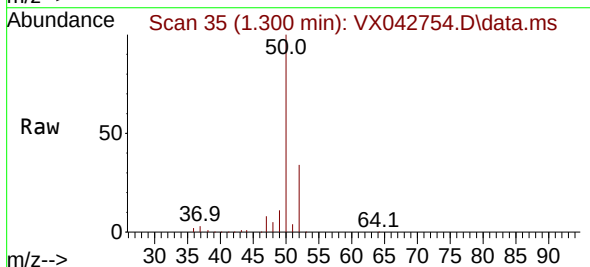
Instrument :
MSVOA_X
ClientSampleId :
E20T0MSD

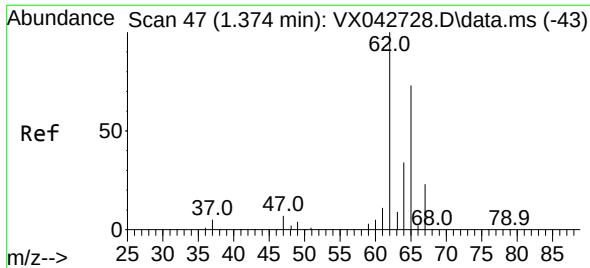
Tgt Ion: 85 Resp: 51728
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.8



#3
Chloromethane
Concen: 49.940 ug/L
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion: 50 Resp: 46493
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.6

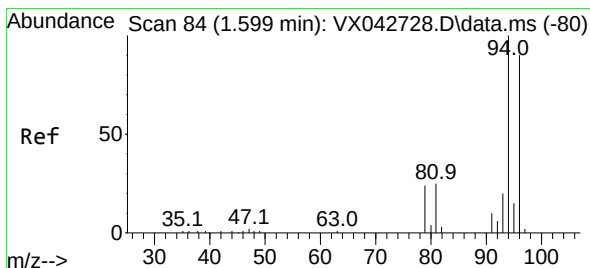
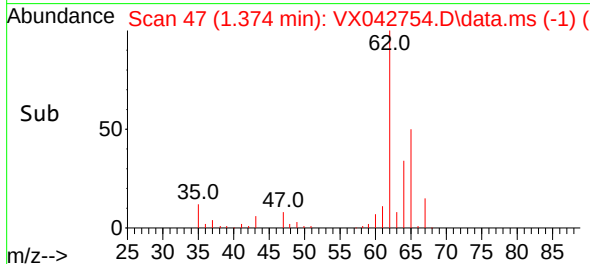
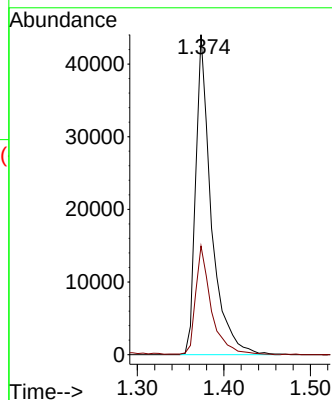
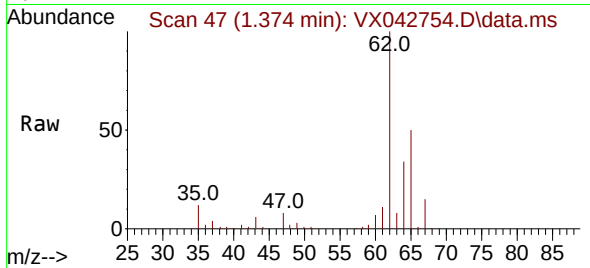




#5
Vinyl chloride
Concen: 62.165 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

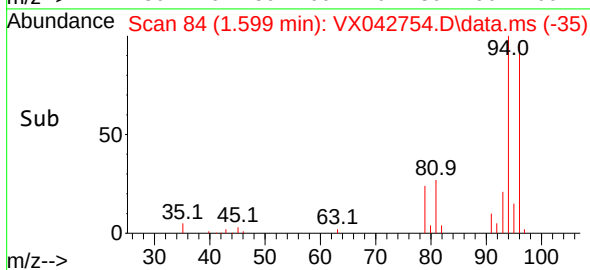
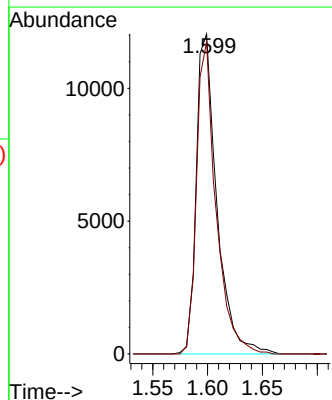
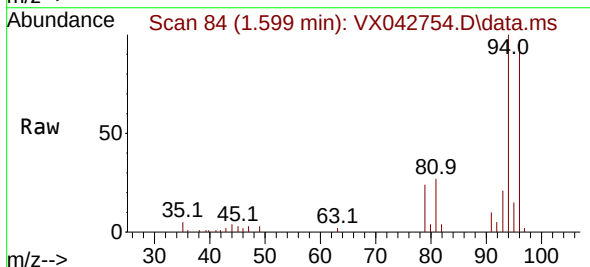
Instrument :
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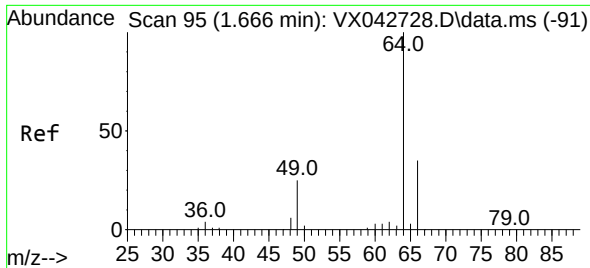
Tgt Ion: 62 Resp: 55015
Ion Ratio Lower Upper
62 100
64 34.0 21.6 40.0



#6
Bromomethane
Concen: 56.813 ug/L
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion: 94 Resp: 15731
Ion Ratio Lower Upper
94 100
96 97.5 66.1 122.7

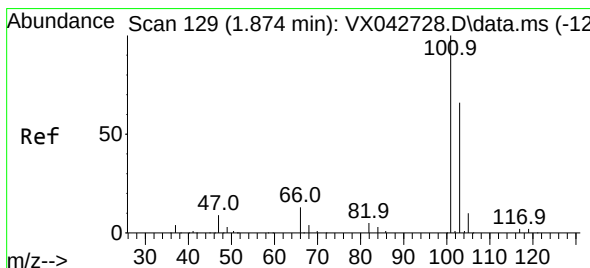
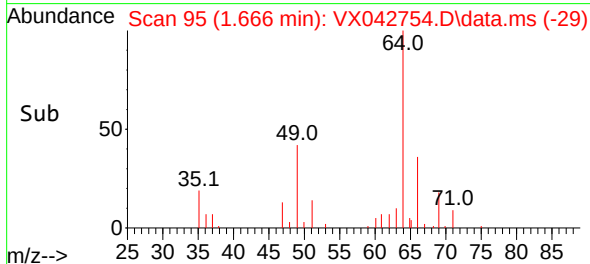
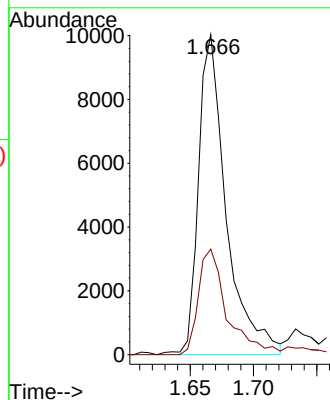
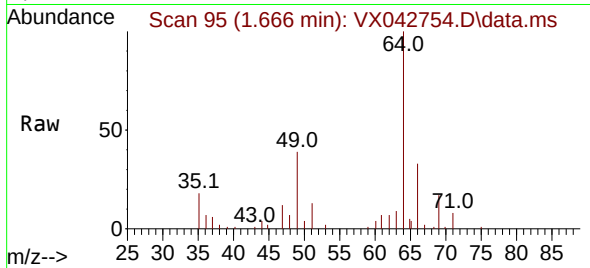




#8
 Chloroethane
 Concen: 47.037 ug/L
 RT: 1.666 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX042754.D
 Acq: 30 Jul 2024 20:57

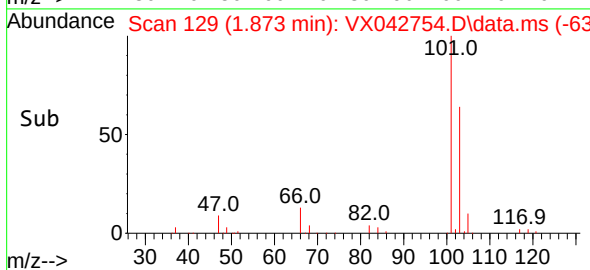
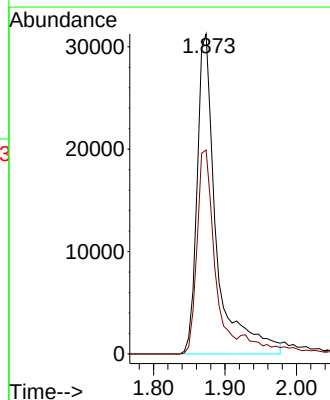
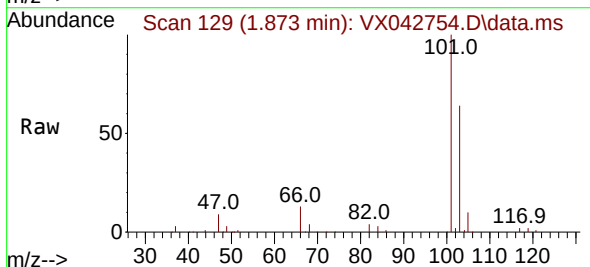
Instrument :
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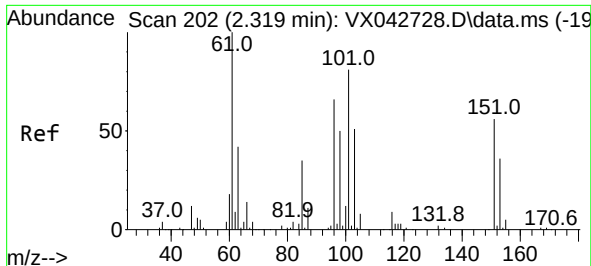
Tgt Ion: 64 Resp: 15241
 Ion Ratio Lower Upper
 64 100
 66 33.0 21.4 39.8



#9
 Trichlorofluoromethane
 Concen: 46.909 ug/L
 RT: 1.873 min Scan# 129
 Delta R.T. -0.000 min
 Lab File: VX042754.D
 Acq: 30 Jul 2024 20:57

Tgt Ion:101 Resp: 58760
 Ion Ratio Lower Upper
 101 100
 103 57.2 45.2 67.8

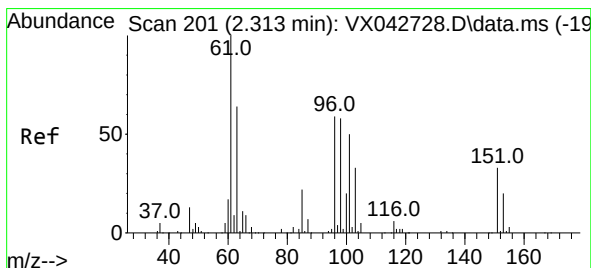
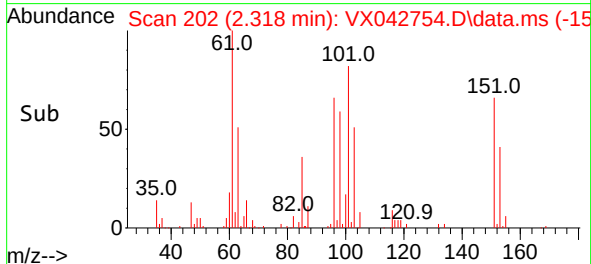
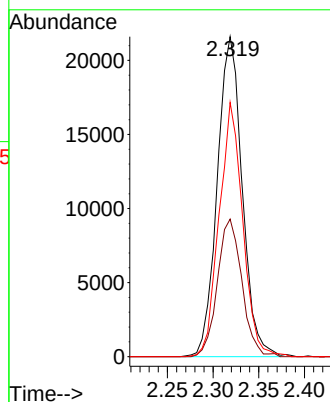
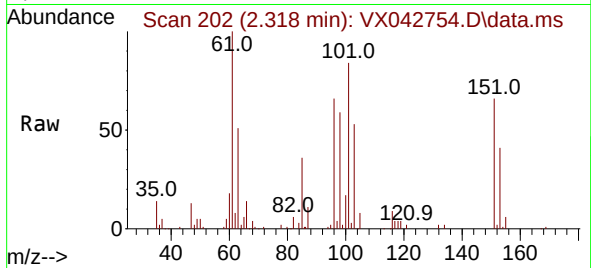




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.588 ug/L
 RT: 2.318 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX042754.D
 Acq: 30 Jul 2024 20:57

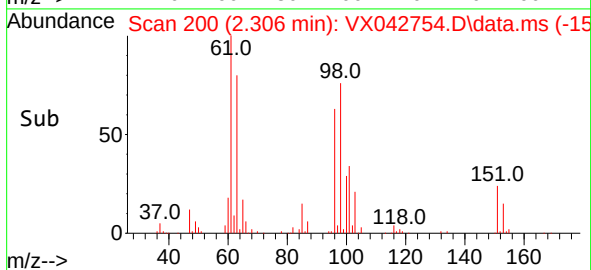
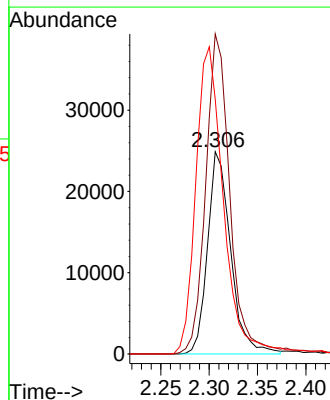
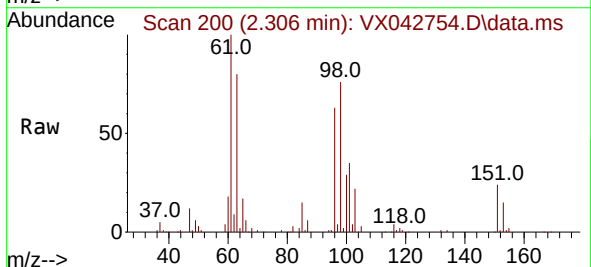
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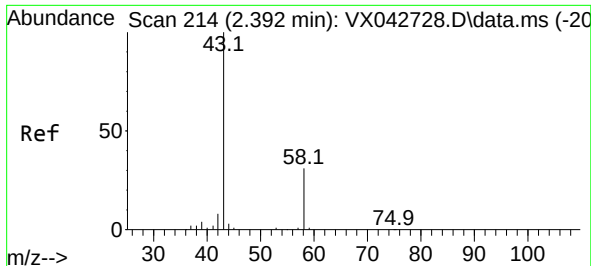
Tgt Ion:101 Resp: 41036
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.4 51.6
 151 75.0 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 50.149 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX042754.D
 Acq: 30 Jul 2024 20:57

Tgt Ion: 96 Resp: 41312
 Ion Ratio Lower Upper
 96 100
 61 158.2 113.0 209.9
 63 126.0 70.5 130.9





#13

Acetone

Concen: 105.765 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

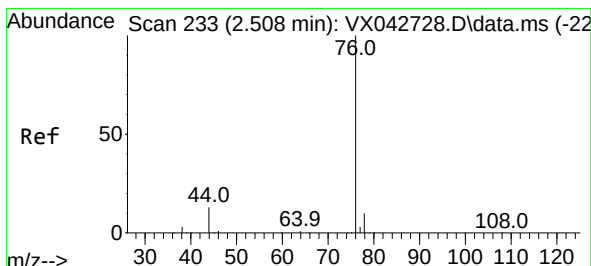
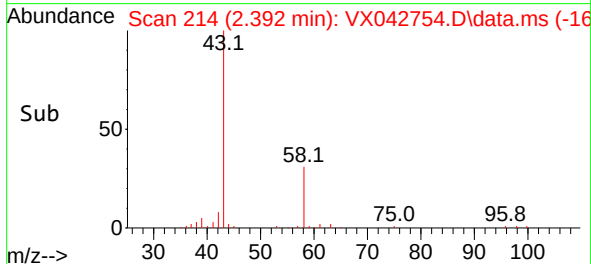
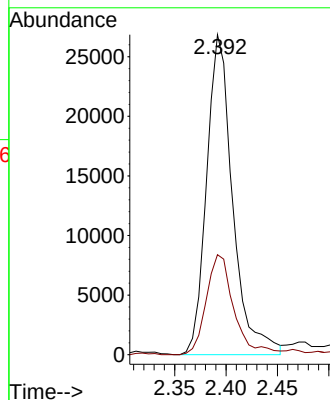
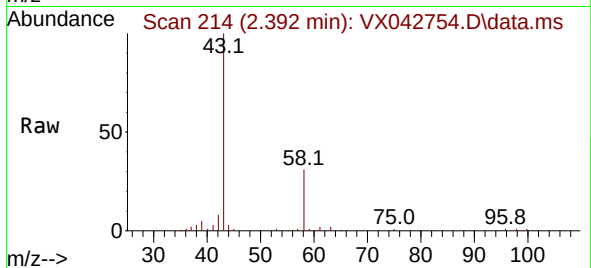
E20T0MSD

Tgt Ion: 43 Resp: 47437

Ion Ratio Lower Upper

43 100

58 31.5 0.0 62.4



#14

Carbon disulfide

Concen: 47.784 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.006 min

Lab File: VX042754.D

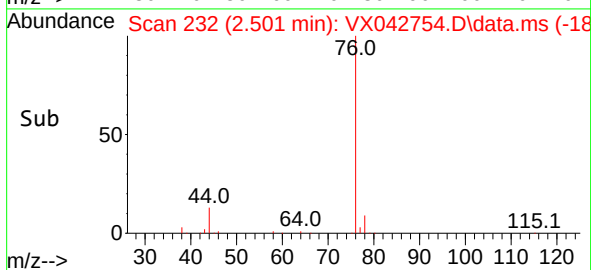
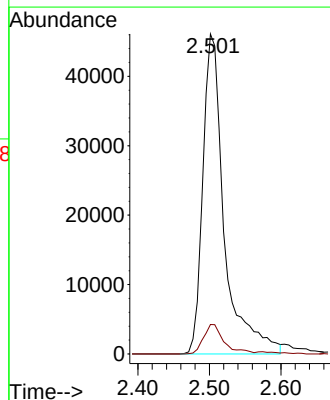
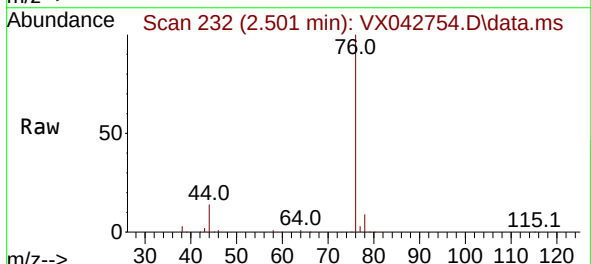
Acq: 30 Jul 2024 20:57

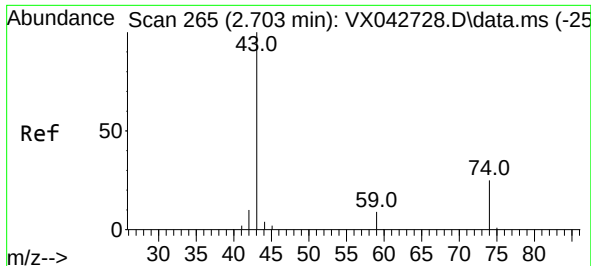
Tgt Ion: 76 Resp: 96113

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

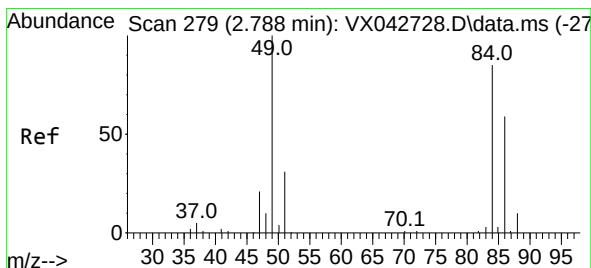
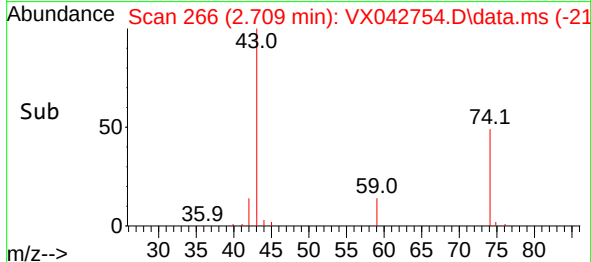
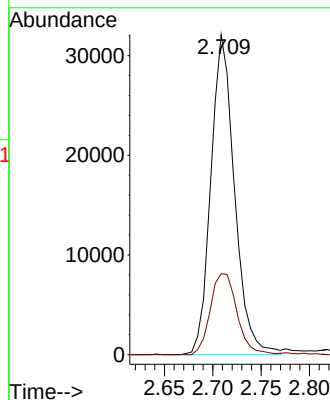
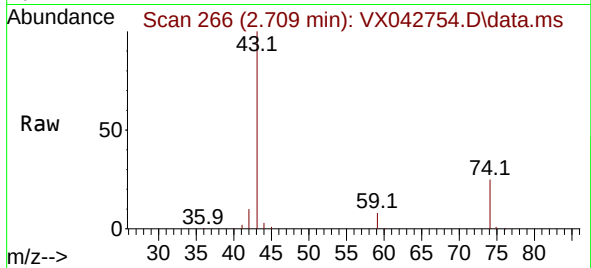




#15
Methyl Acetate
Concen: 55.044 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

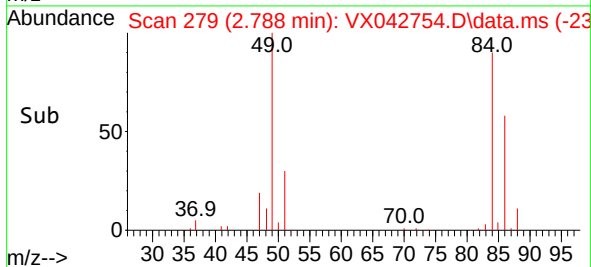
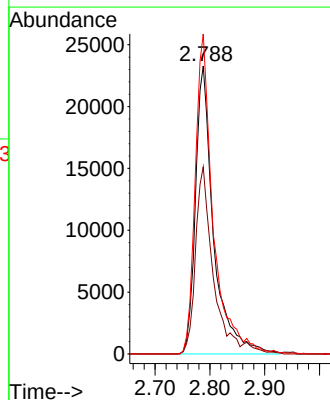
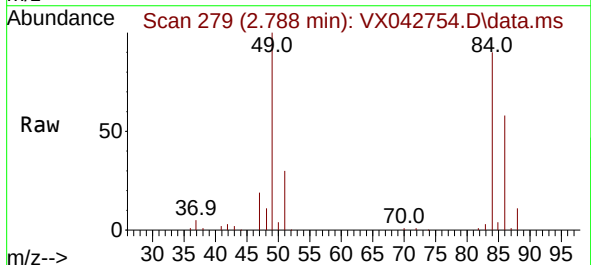
Instrument :
MSVOA_X
ClientSampleId :
E20T0MSD

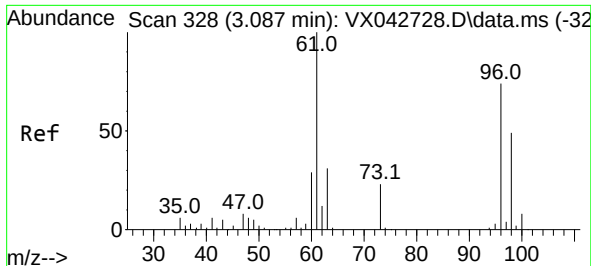
Tgt Ion: 43 Resp: 54724
Ion Ratio Lower Upper
43 100
74 28.4 21.0 31.4



#16
Methylene chloride
Concen: 56.349 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion: 84 Resp: 53608
Ion Ratio Lower Upper
84 100
86 64.9 43.5 80.7
49 111.1 81.1 150.7





#17

trans-1,2-Dichloroethene

Concen: 55.533 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX042754.D

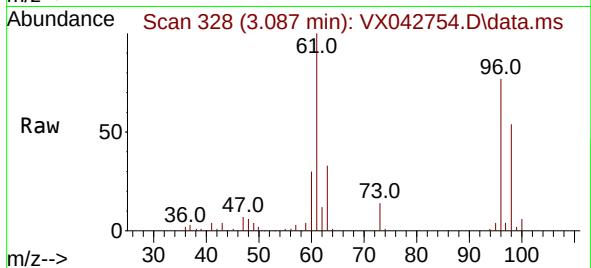
Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

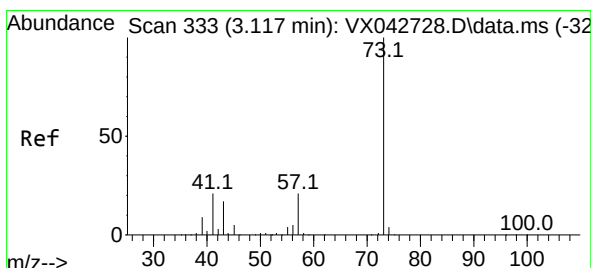
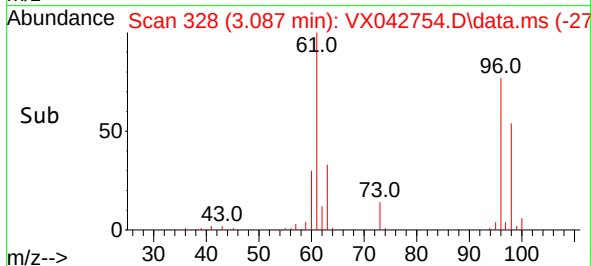
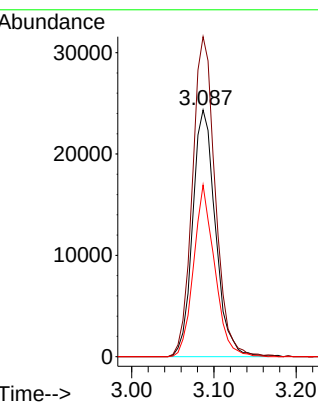
ClientSampleId :

E20T0MSD



Tgt Ion: 96 Resp: 46948

Ion	Ratio	Lower	Upper
96	100		
61	129.7	99.3	184.3
98	69.6	43.8	81.3



#18

Methyl tert-butyl Ether

Concen: 58.926 ug/L

RT: 3.123 min Scan# 334

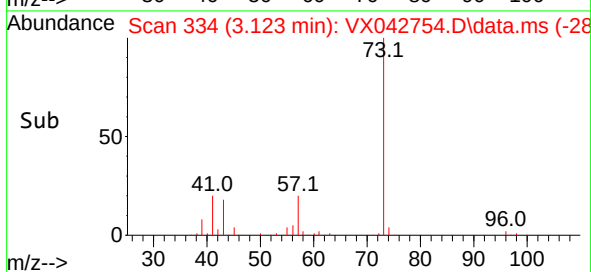
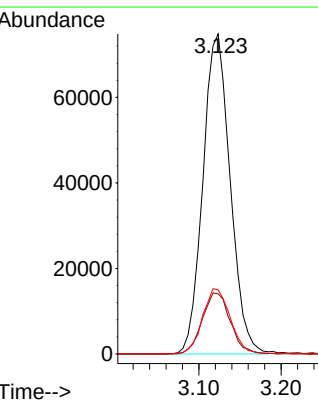
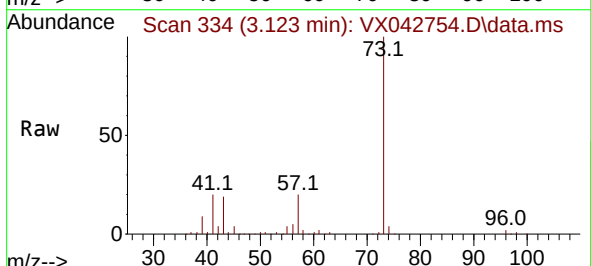
Delta R.T. 0.006 min

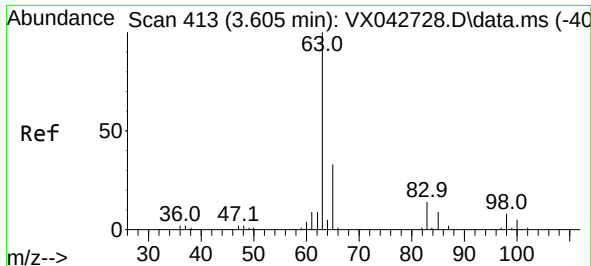
Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Tgt Ion: 73 Resp: 172670

Ion	Ratio	Lower	Upper
73	100		
43	19.6	15.4	23.2
57	20.8	16.9	25.3

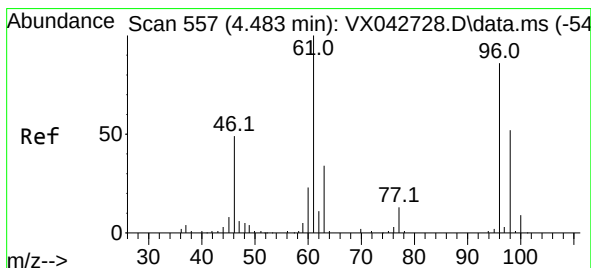
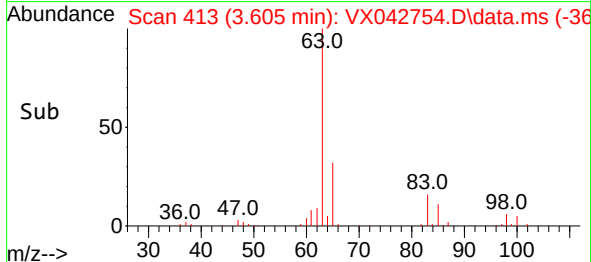
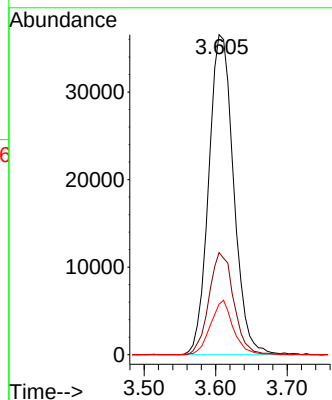
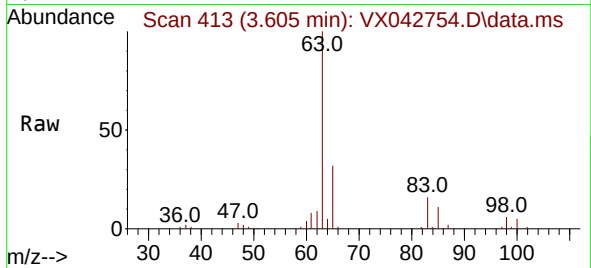




#19
 1,1-Dichloroethane
 Concen: 54.794 ug/L
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX042754.D
 Acq: 30 Jul 2024 20:57

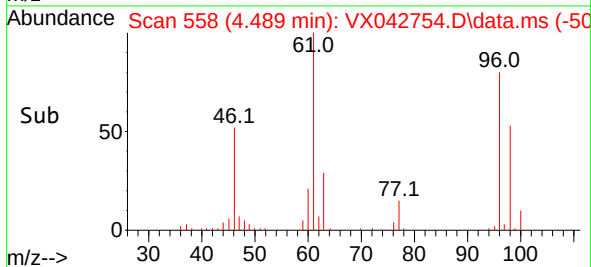
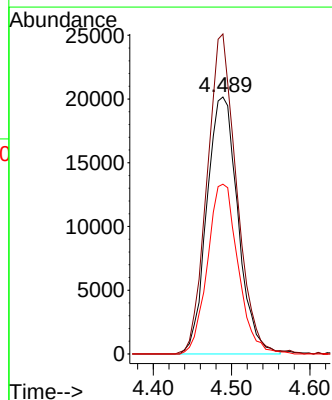
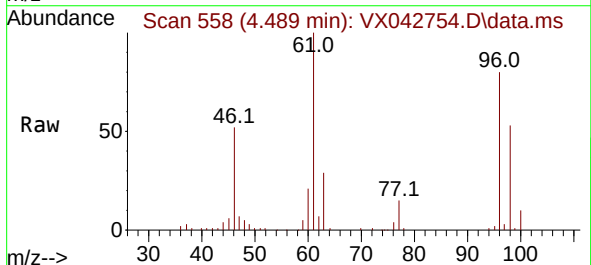
Instrument :
 MSVOA_X
 ClientSampleId :
 E20T0MSD

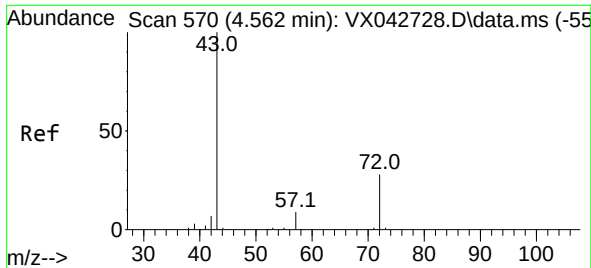
Tgt Ion: 63 Resp: 88444
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.6 43.8
 83 15.8 10.9 20.3



#20
 cis-1,2-Dichloroethene
 Concen: 57.621 ug/L
 RT: 4.489 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX042754.D
 Acq: 30 Jul 2024 20:57

Tgt Ion: 96 Resp: 55640
 Ion Ratio Lower Upper
 96 100
 61 124.5 85.3 158.3
 98 66.0 42.7 79.3

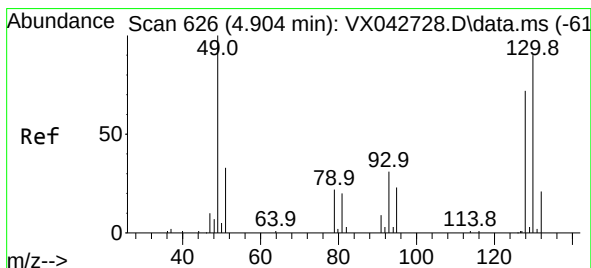
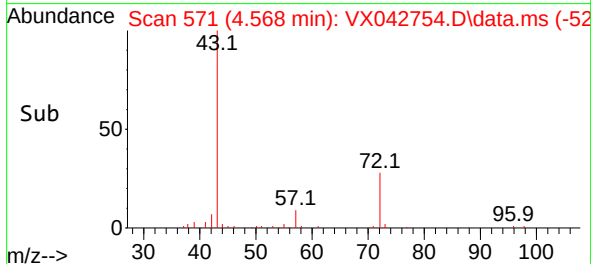
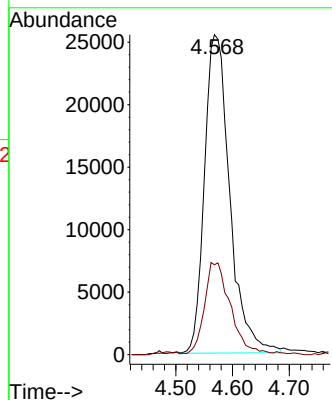
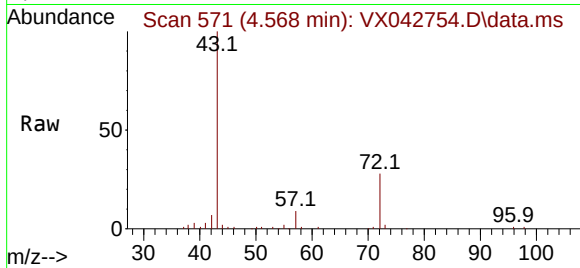




#22
2-Butanone
Concen: 115.335 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

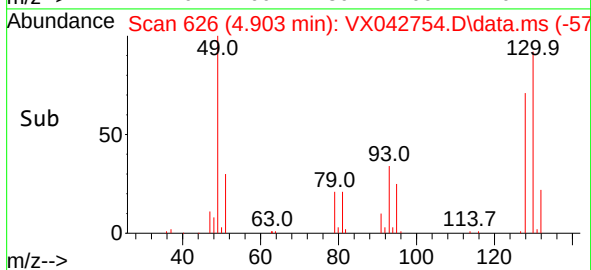
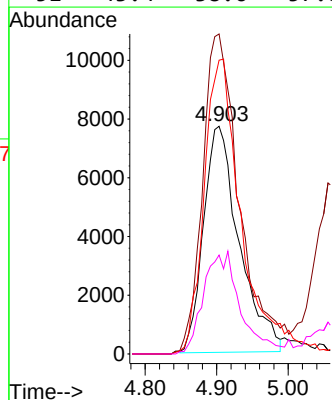
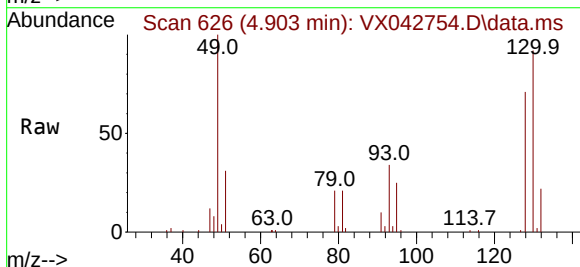
Instrument :
MSVOA_X
ClientSampleId :
E20T0MSD

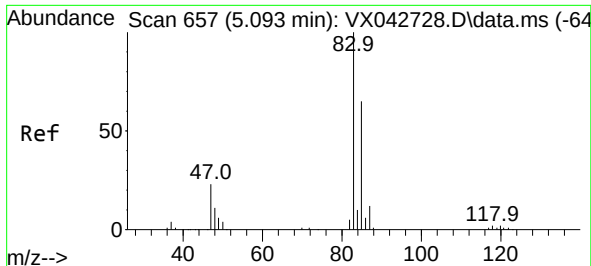
Tgt Ion: 43 Resp: 78784
Ion Ratio Lower Upper
43 100
72 29.5 13.4 40.2



#23
Bromochloromethane
Concen: 58.532 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion:128 Resp: 26764
Ion Ratio Lower Upper
128 100
49 140.5 107.0 198.6
130 129.0 85.5 158.9
51 43.4 38.6 57.8





#25

Chloroform

Concen: 58.326 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

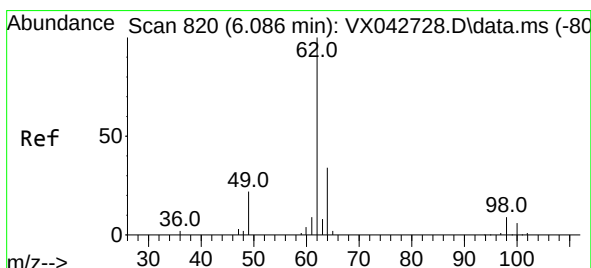
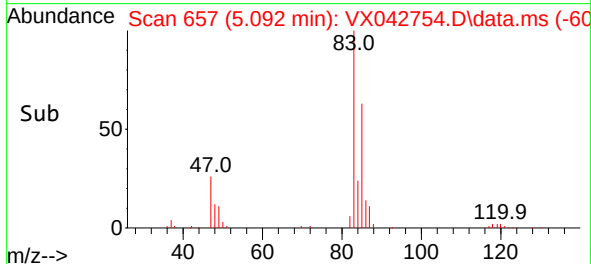
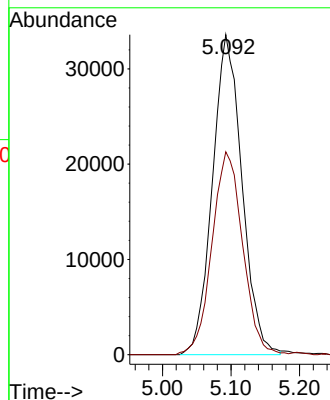
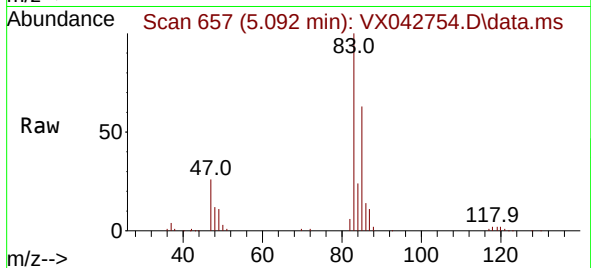
E20T0MSD

Tgt Ion: 83 Resp: 100383

Ion Ratio Lower Upper

83 100

85 63.4 44.3 82.3



#27

1,2-Dichloroethane

Concen: 58.599 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX042754.D

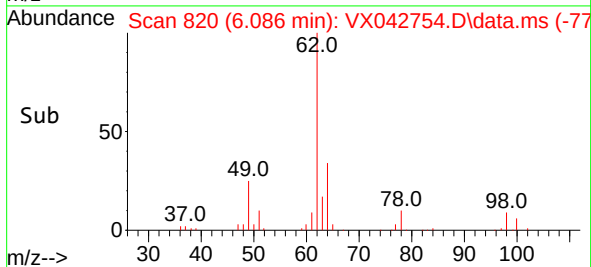
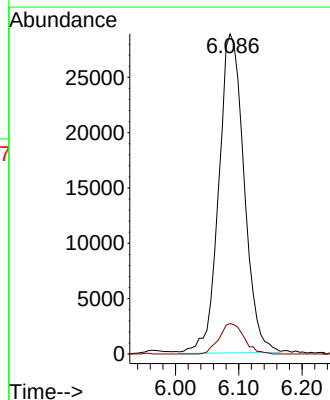
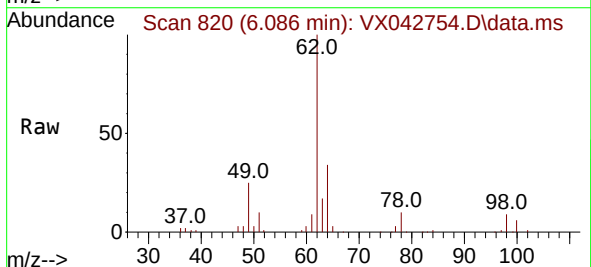
Acq: 30 Jul 2024 20:57

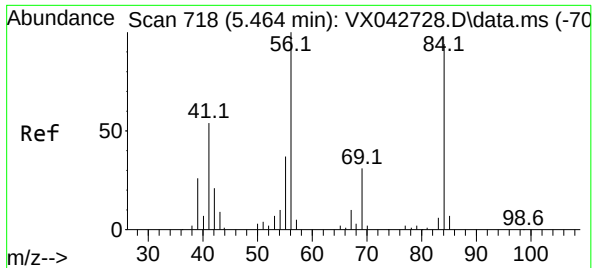
Tgt Ion: 62 Resp: 80099

Ion Ratio Lower Upper

62 100

98 9.5 7.1 10.7

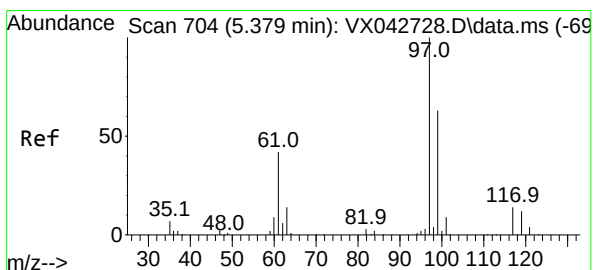
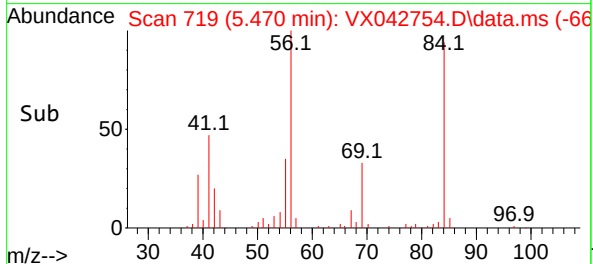
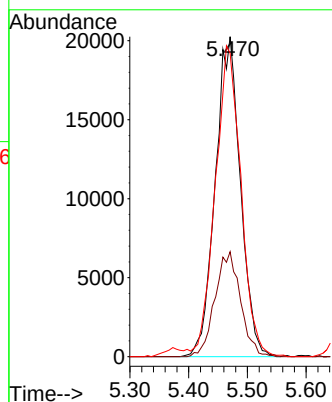
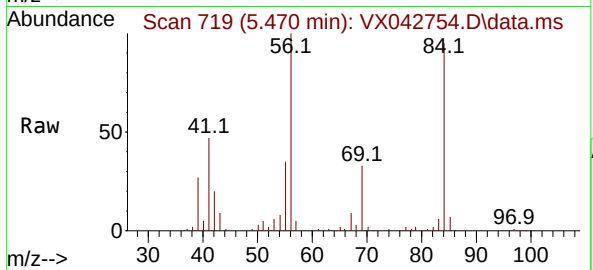




#29
Cyclohexane
Concen: 43.882 ug/L
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

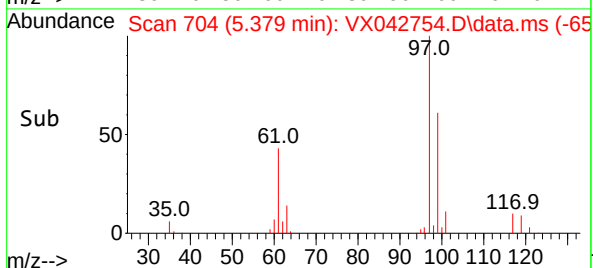
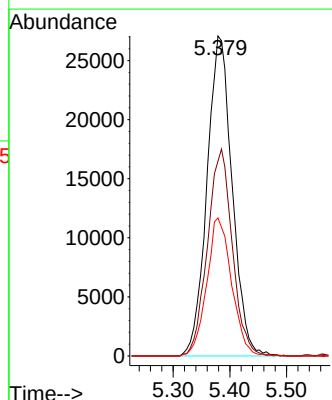
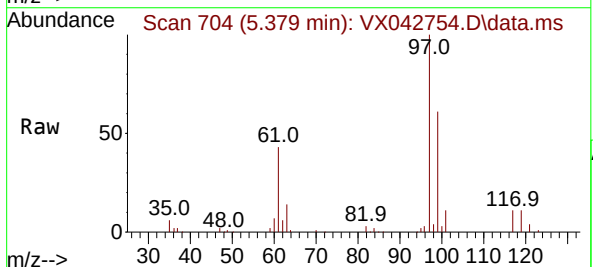
Instrument :
MSVOA_X
ClientSampleId :
E20T0MSD

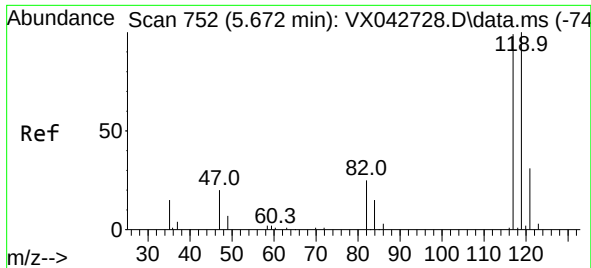
Tgt Ion: 56 Resp: 60385
Ion Ratio Lower Upper
56 100
69 32.9 26.1 39.1
84 98.7 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 56.074 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion: 97 Resp: 83373
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 42.5 34.4 51.6

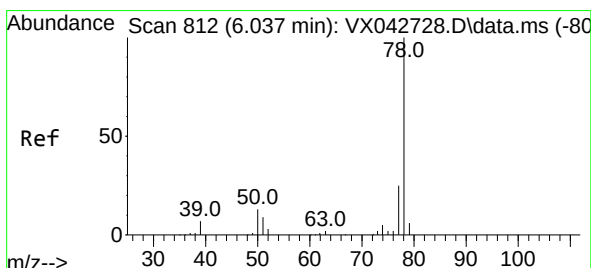
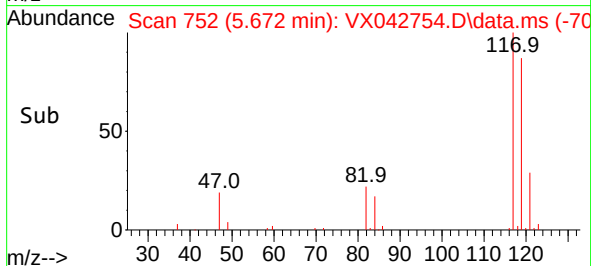
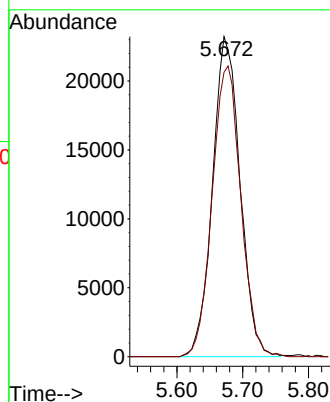
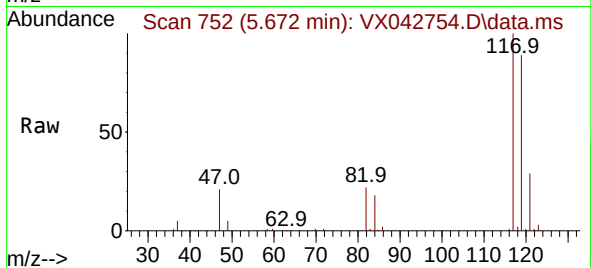




#31
Carbon tetrachloride
Concen: 53.864 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

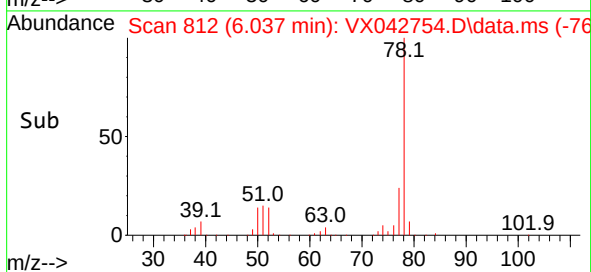
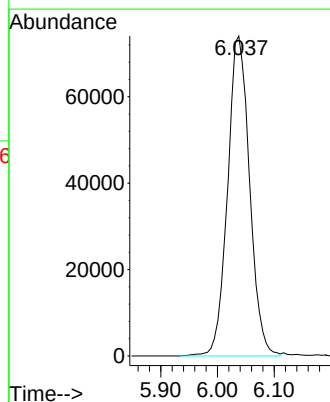
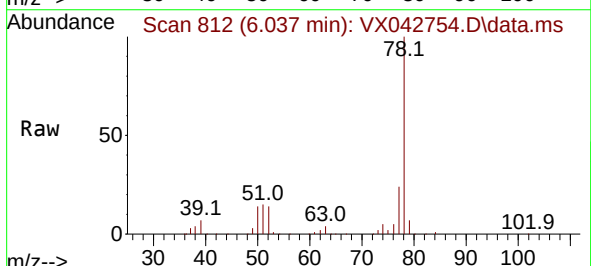
Instrument :
MSVOA_X
ClientSampleId :
E20T0MSD

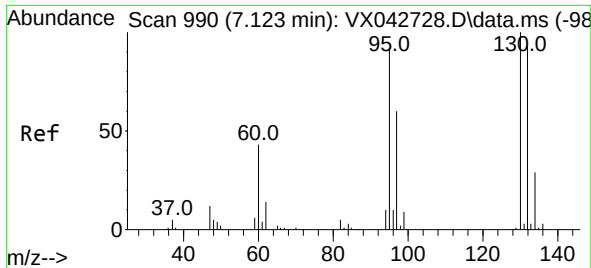
Tgt Ion:117 Resp: 67646
Ion Ratio Lower Upper
117 100
119 94.4 76.2 114.2



#33
Benzene
Concen: 56.000 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion: 78 Resp: 199487



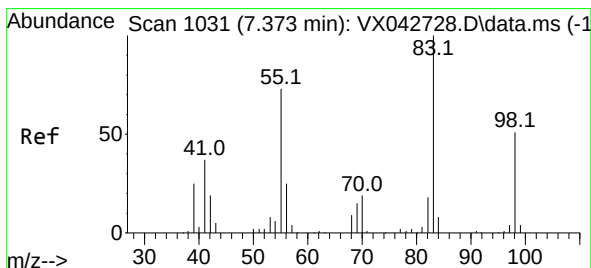
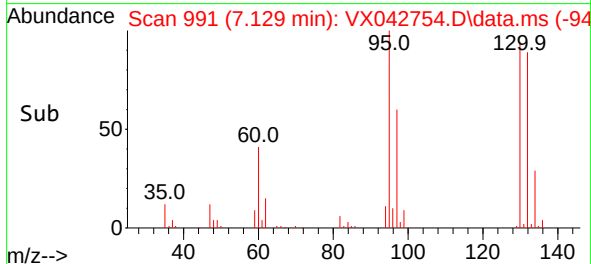
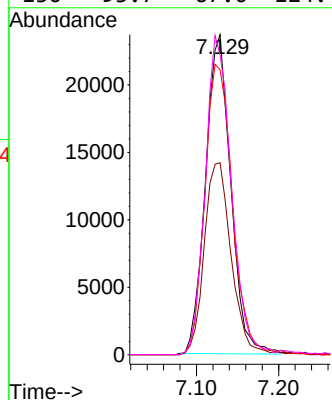
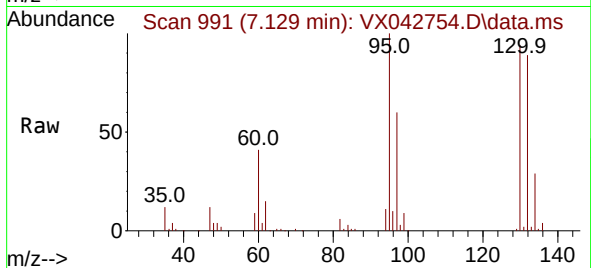


#34
Trichloroethene
Concen: 53.139 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Instrument :
MSVOA_X
ClientSampleId :
E20T0MSD

Tgt Ion: 95 Resp: 50573

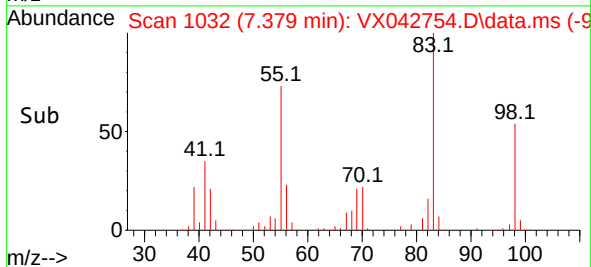
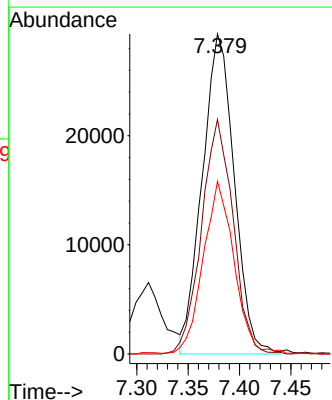
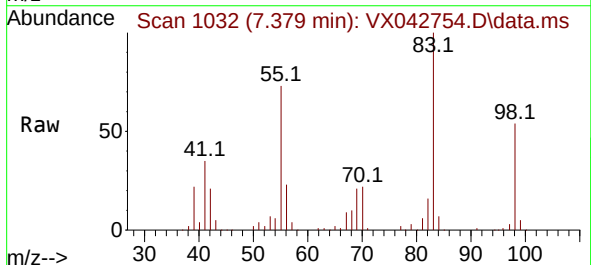
Ion	Ratio	Lower	Upper
95	100		
97	60.0	46.3	86.1
132	89.0	64.3	119.5
130	93.7	67.0	124.4

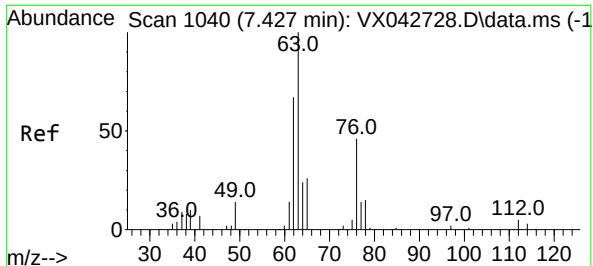


#35
Methylcyclohexane
Concen: 44.118 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion: 83 Resp: 63549

Ion	Ratio	Lower	Upper
83	100		
55	72.1	58.2	87.2
98	52.1	38.5	57.7





#37

1,2-Dichloropropane

Concen: 56.397 ug/L

RT: 7.433 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

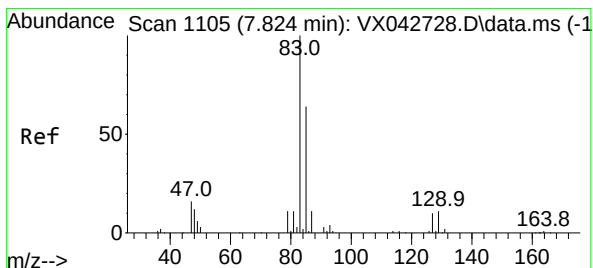
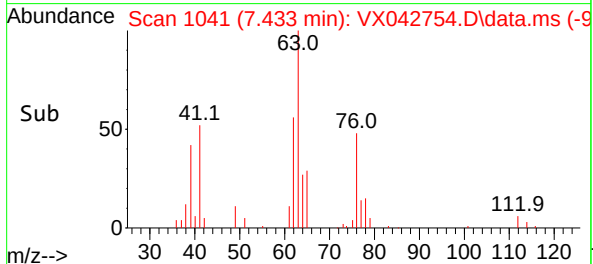
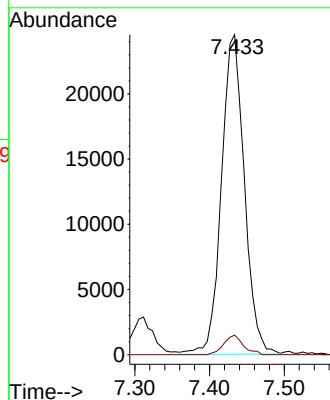
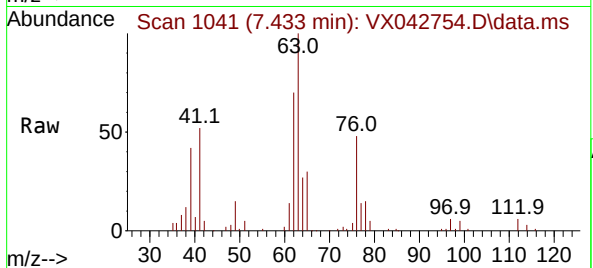
E20T0MSD

Tgt Ion: 63 Resp: 52213

Ion Ratio Lower Upper

63 100

112 5.0 3.7 5.5



#38

Bromodichloromethane

Concen: 57.403 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

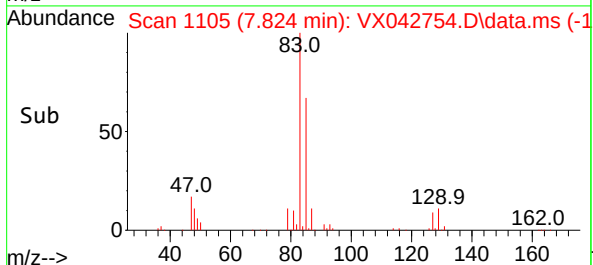
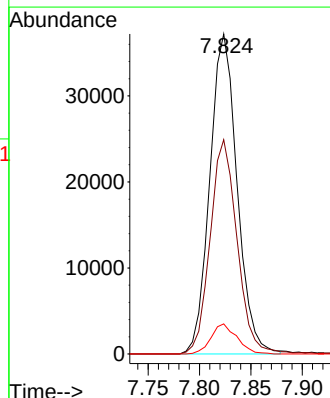
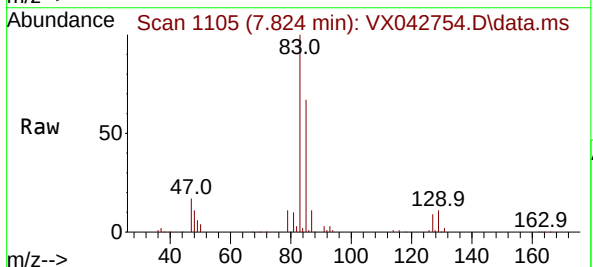
Tgt Ion: 83 Resp: 68687

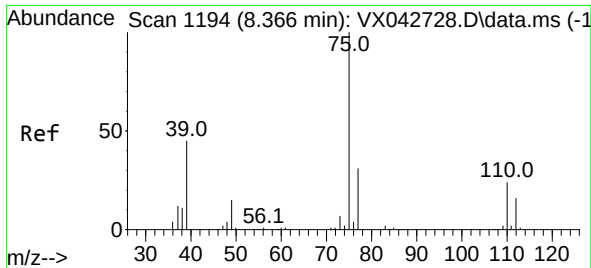
Ion Ratio Lower Upper

83 100

85 66.9 43.7 81.1

127 9.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 56.624 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

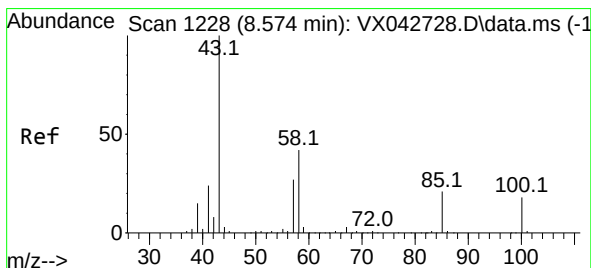
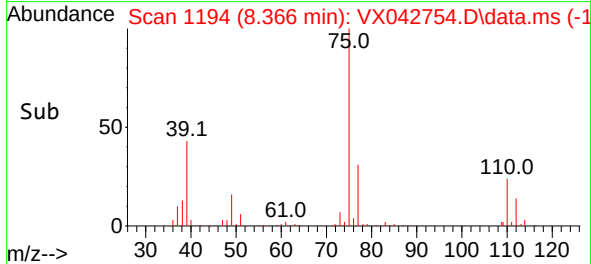
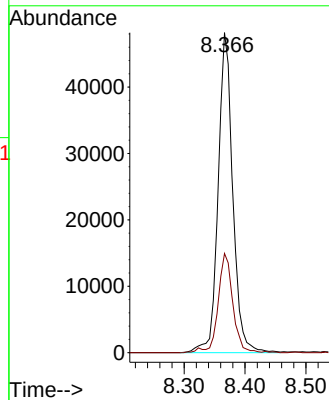
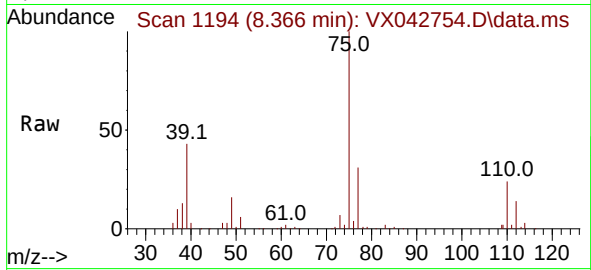
E20T0MSD

Tgt Ion: 75 Resp: 80467

Ion Ratio Lower Upper

75 100

77 31.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 118.158 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

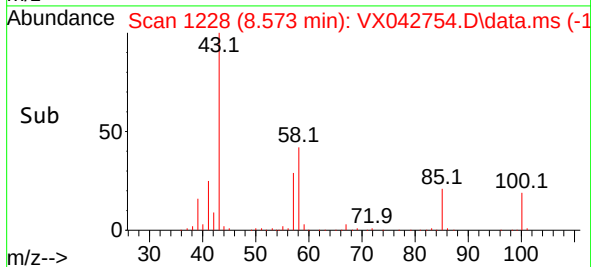
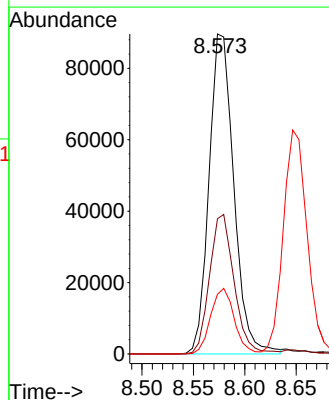
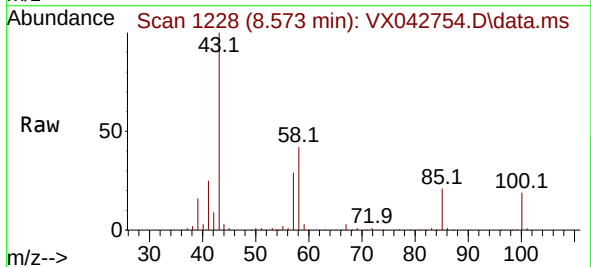
Tgt Ion: 43 Resp: 150504

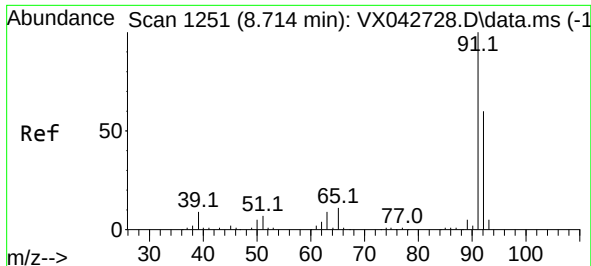
Ion Ratio Lower Upper

43 100

58 43.2 32.4 48.6

100 19.6 13.4 20.0





#42

Toluene

Concen: 57.107 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

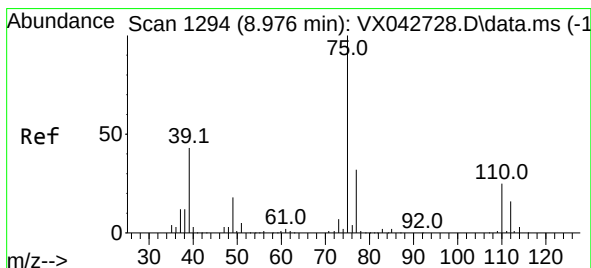
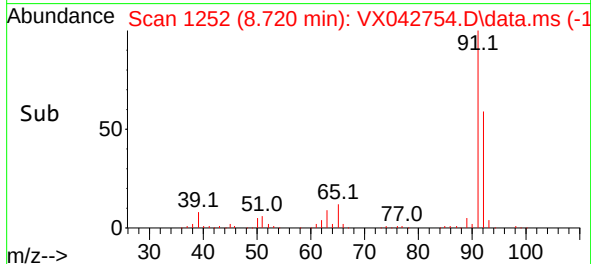
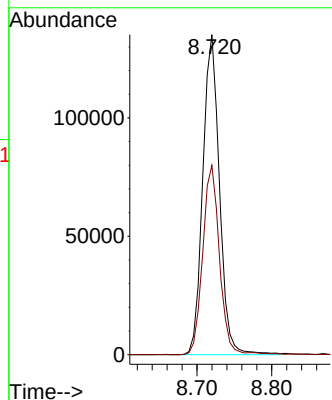
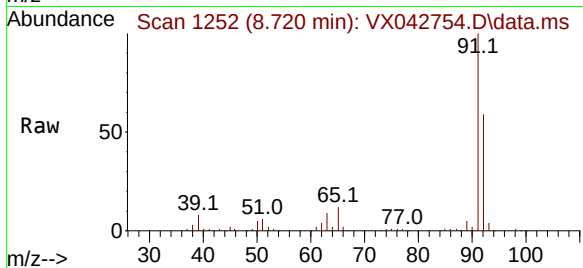
E20T0MSD

Tgt Ion: 91 Resp: 209526

Ion Ratio Lower Upper

91 100

92 59.1 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 56.393 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042754.D

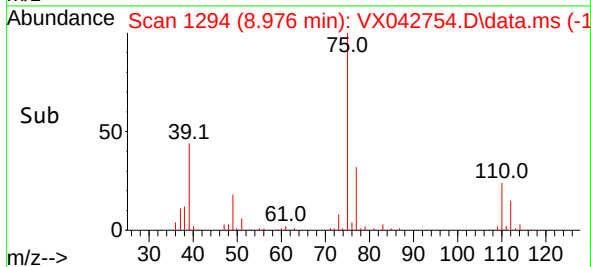
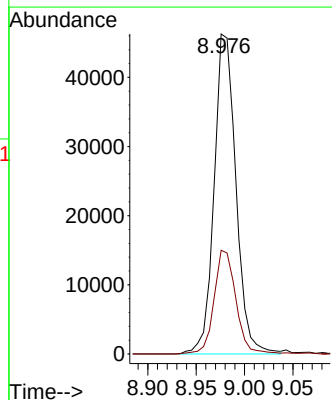
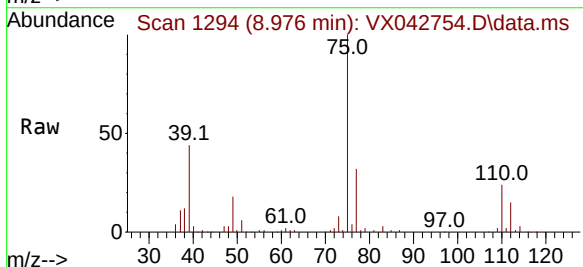
Acq: 30 Jul 2024 20:57

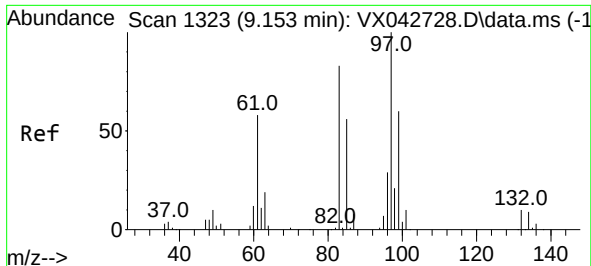
Tgt Ion: 75 Resp: 72644

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 59.946 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

E20T0MSD

Tgt Ion: 97 Resp: 56053

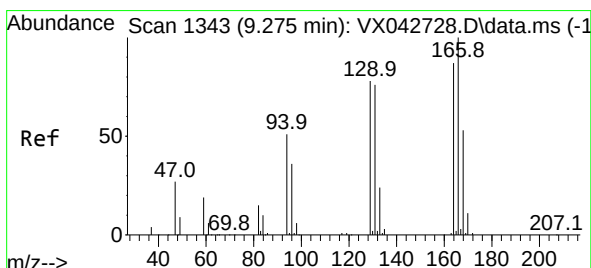
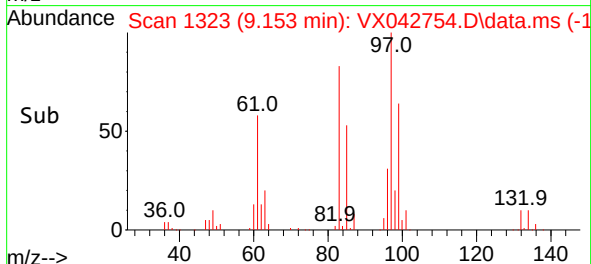
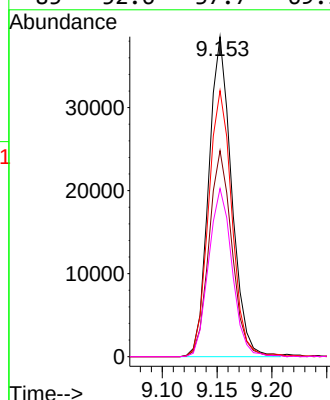
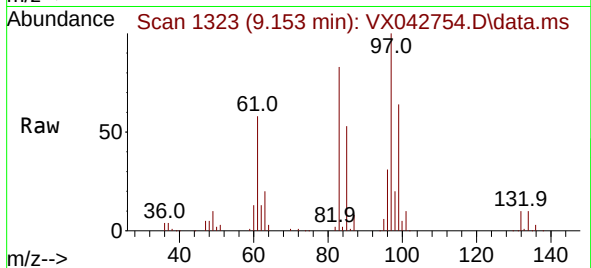
Ion Ratio Lower Upper

97 100

99 64.4 42.6 79.2

83 83.1 59.3 110.1

85 52.6 37.7 69.9



#46

Tetrachloroethene

Concen: 56.213 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Tgt Ion:164 Resp: 36485

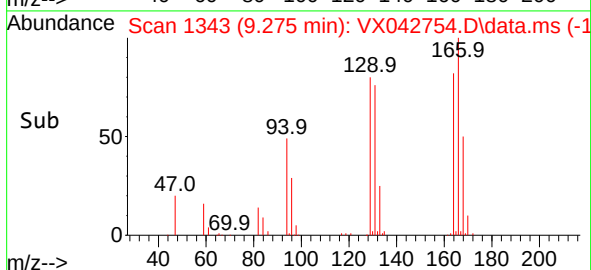
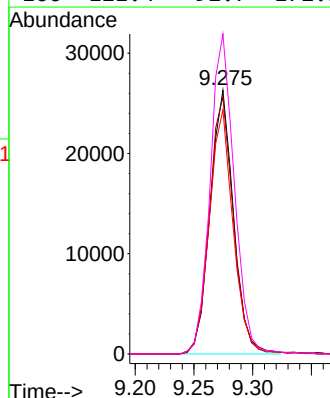
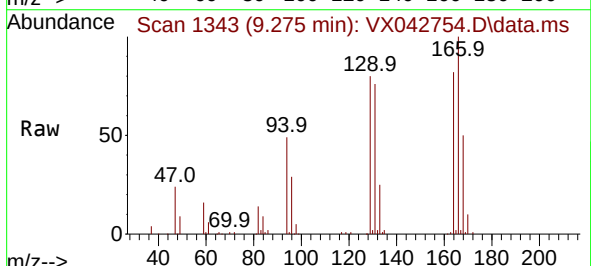
Ion Ratio Lower Upper

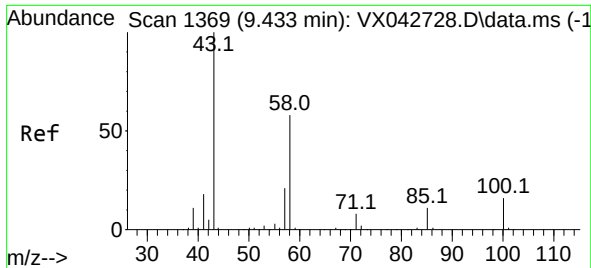
164 100

129 97.5 74.2 137.8

131 92.6 66.9 124.3

166 121.4 92.7 172.1

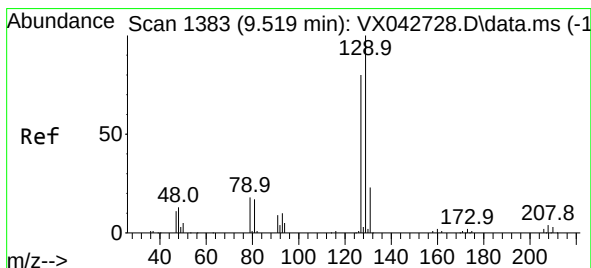
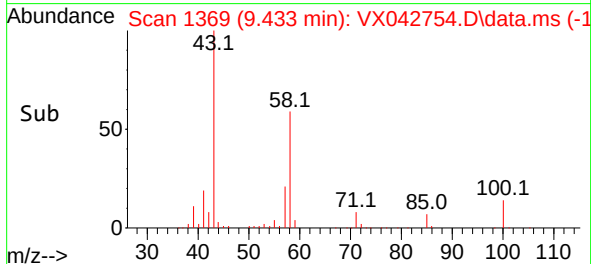
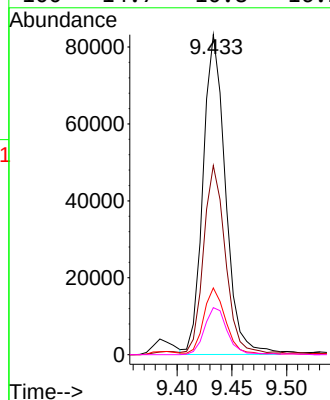
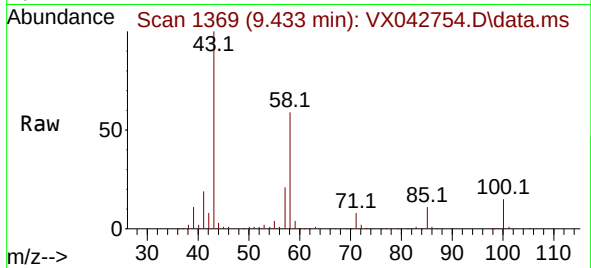




#48
2-Hexanone
Concen: 119.972 ug/L
RT: 9.433 min Scan# 118849
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

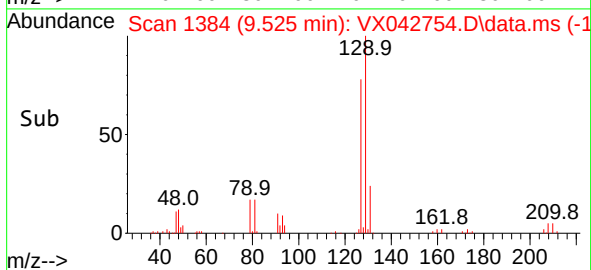
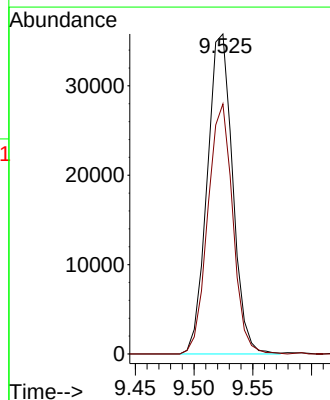
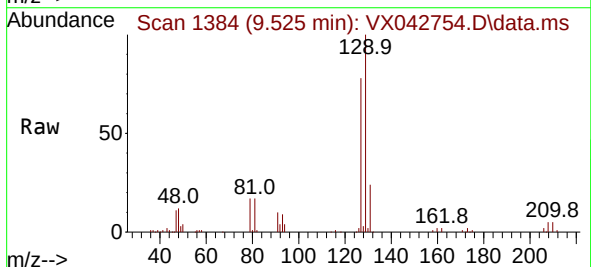
Instrument :
MSVOA_X
ClientSampleId :
E20T0MSD

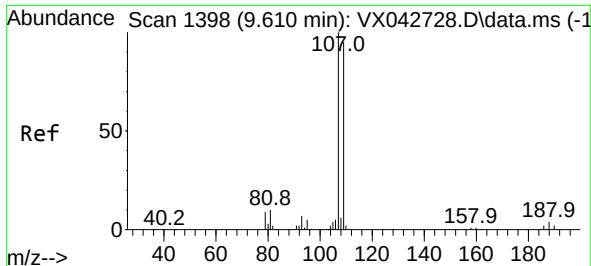
Tgt Ion:	43	Resp:	118849
Ion	Ratio	Lower	Upper
43	100		
58	57.8	44.9	67.3
57	20.3	15.8	23.6
100	14.7	10.8	16.2



#49
Dibromochloromethane
Concen: 61.761 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion:	129	Resp:	53927
Ion	Ratio	Lower	Upper
129	100		
127	78.2	57.4	106.6

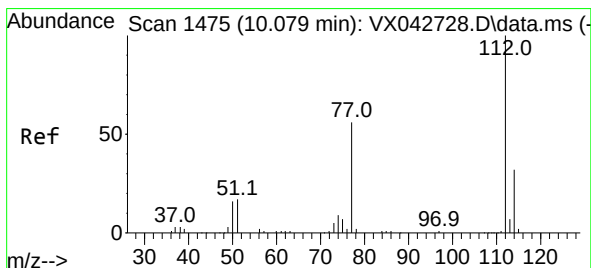
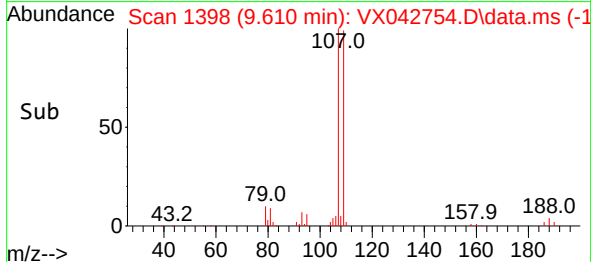
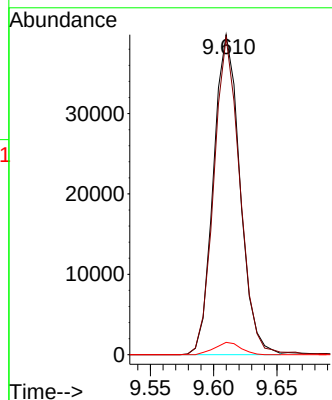
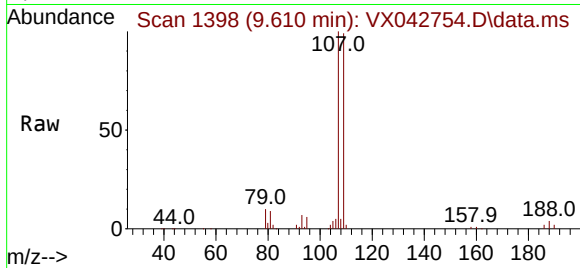




#50
1,2-Dibromoethane
Concen: 59.724 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

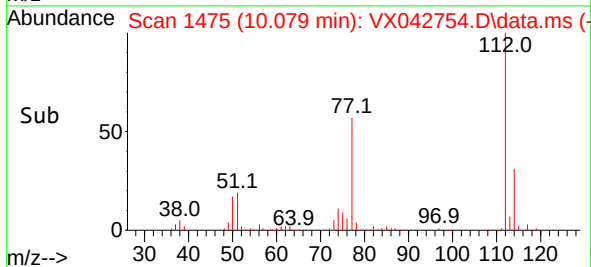
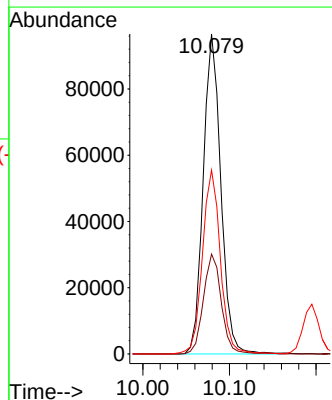
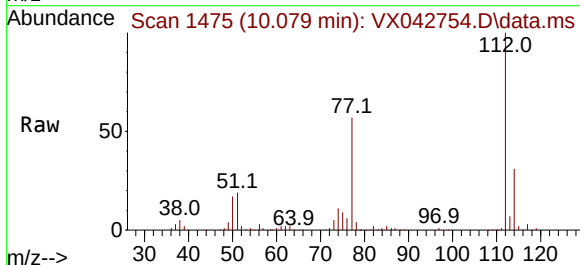
Instrument :
MSVOA_X
ClientSampleId :
E20T0MSD

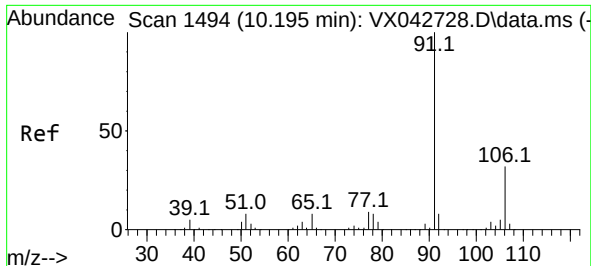
Tgt Ion:107 Resp: 58082
Ion Ratio Lower Upper
107 100
109 99.1 65.4 121.4
188 3.9 2.2 3.2#



#51
Chlorobenzene
Concen: 57.500 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion:112 Resp: 136425
Ion Ratio Lower Upper
112 100
114 31.2 23.2 43.2
77 57.4 46.3 69.5





#52

Ethylbenzene

Concen: 56.252 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

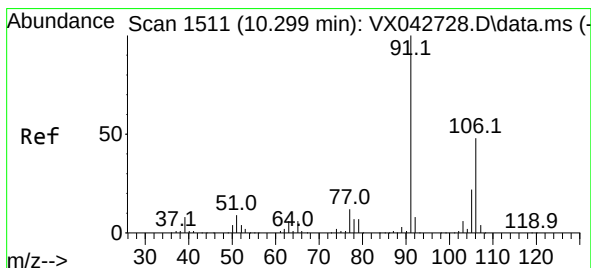
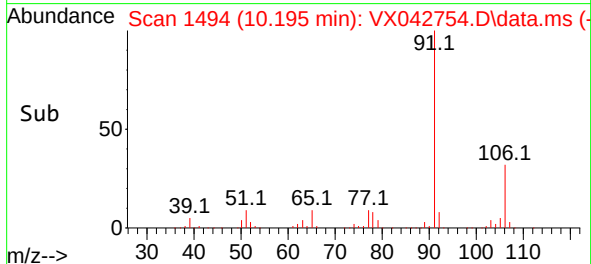
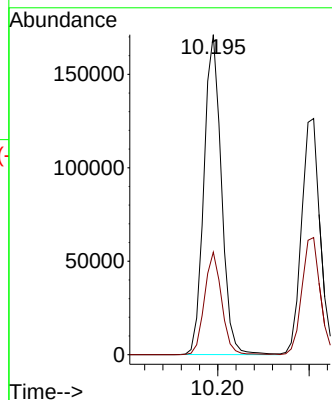
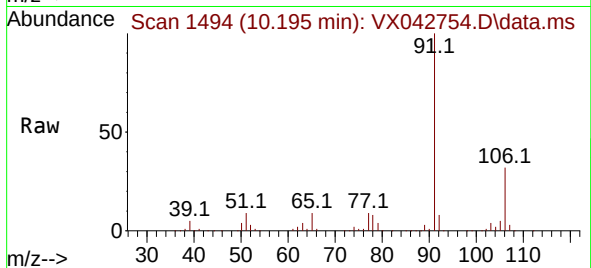
E20T0MSD

Tgt Ion: 91 Resp: 226371

Ion Ratio Lower Upper

91 100

106 32.1 21.8 40.4



#53

m,p-Xylene

Concen: 58.068 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX042754.D

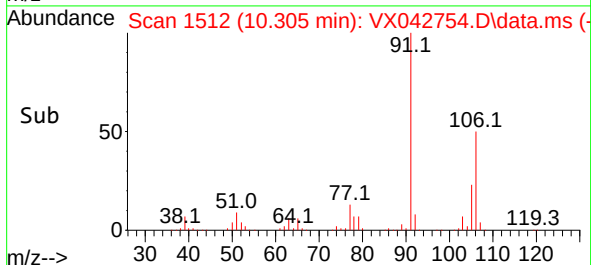
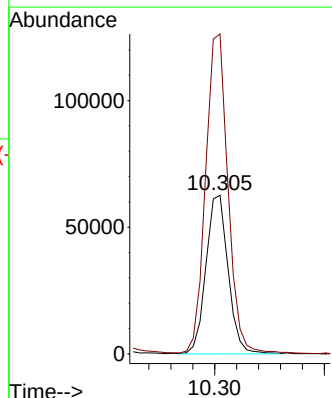
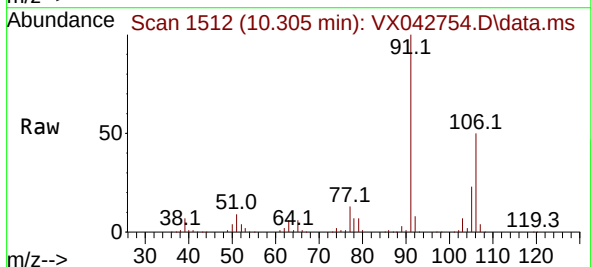
Acq: 30 Jul 2024 20:57

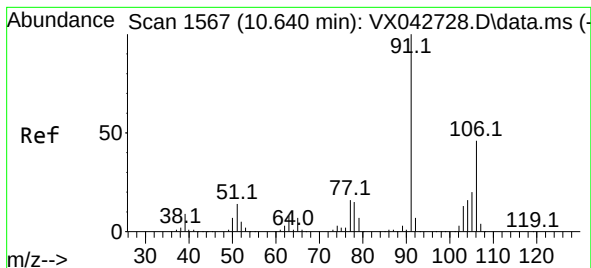
Tgt Ion:106 Resp: 88032

Ion Ratio Lower Upper

106 100

91 201.6 146.8 272.6





#54

o-Xylene

Concen: 58.951 ug/L

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

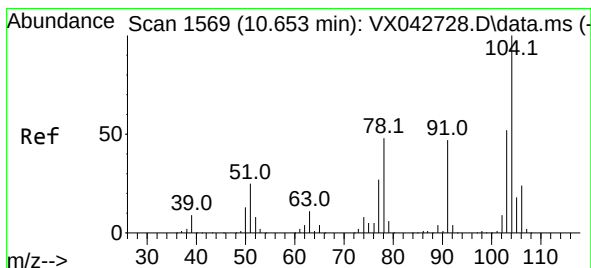
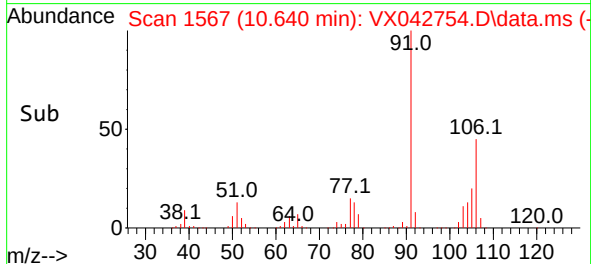
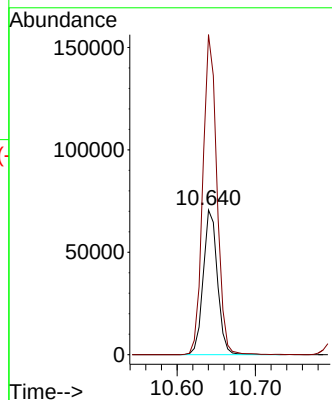
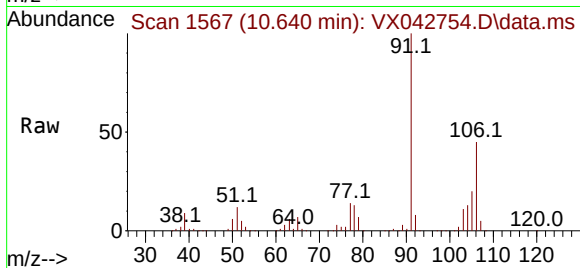
E20T0MSD

Tgt Ion:106 Resp: 88903

Ion Ratio Lower Upper

106 100

91 221.3 154.6 287.2



#55

Styrene

Concen: 59.641 ug/L

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX042754.D

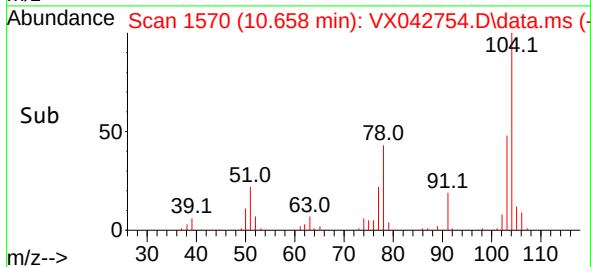
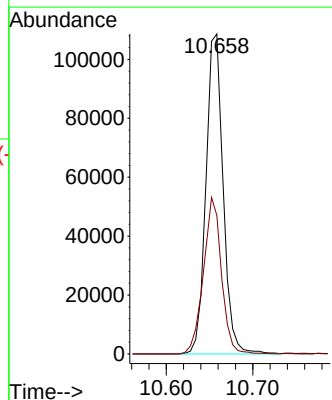
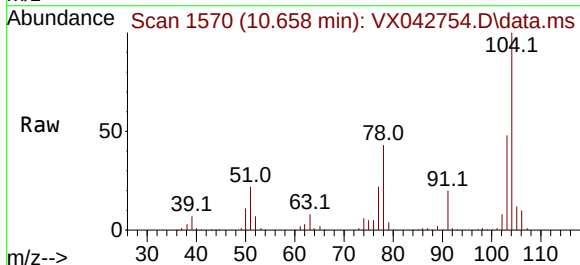
Acq: 30 Jul 2024 20:57

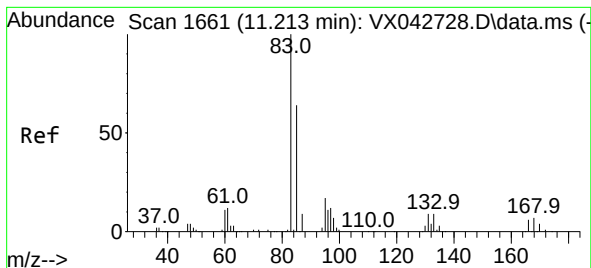
Tgt Ion:104 Resp: 149933

Ion Ratio Lower Upper

104 100

78 43.3 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 59.914 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

E20T0MSD

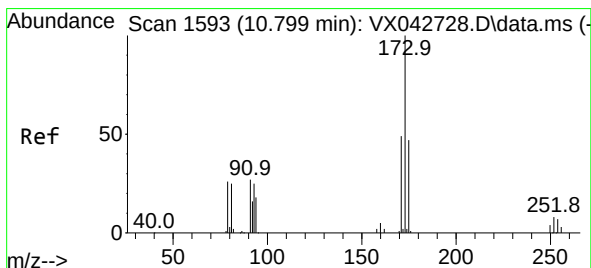
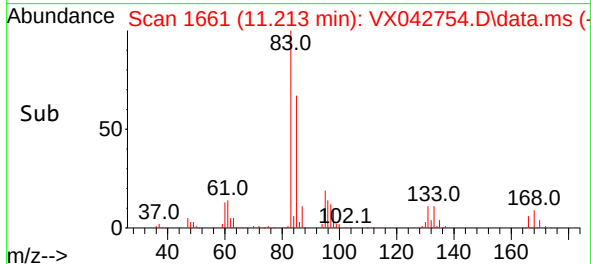
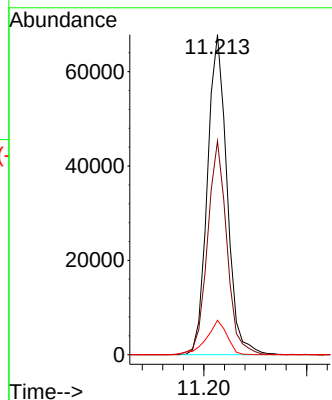
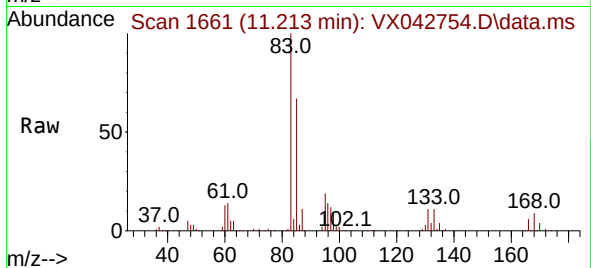
Tgt Ion: 83 Resp: 89590

Ion Ratio Lower Upper

83 100

85 66.7 46.1 85.5

131 10.8 8.6 13.0



#59

Bromoform

Concen: 59.152 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

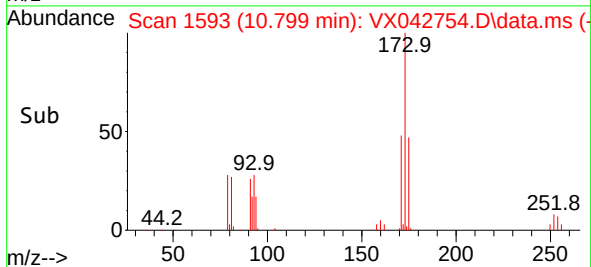
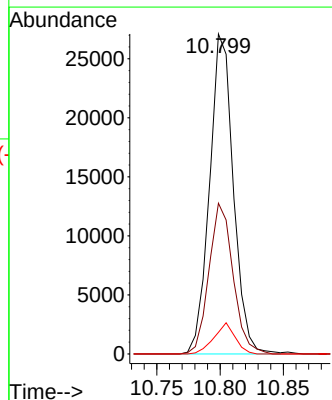
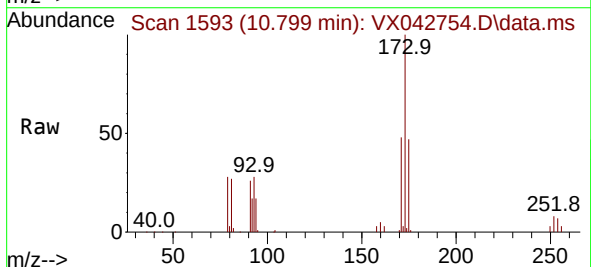
Tgt Ion: 173 Resp: 35480

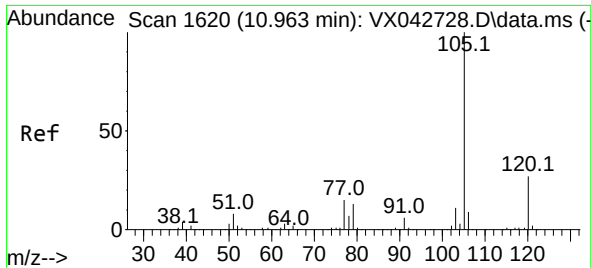
Ion Ratio Lower Upper

173 100

175 47.6 37.4 56.2

254 8.6 6.8 10.2

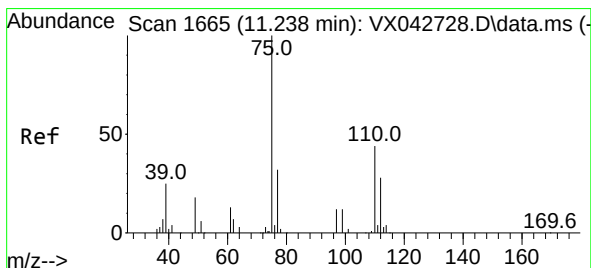
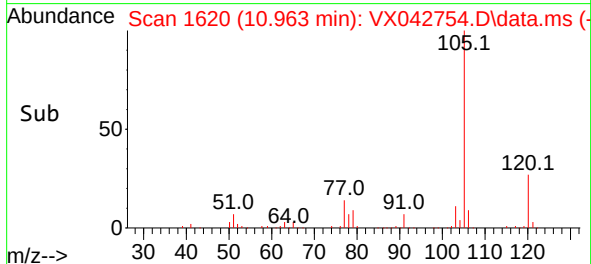
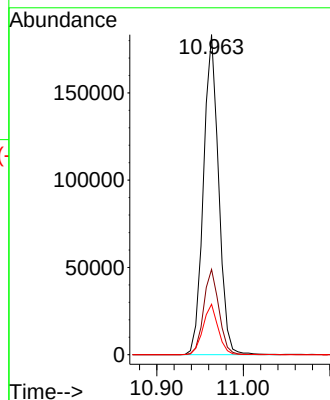
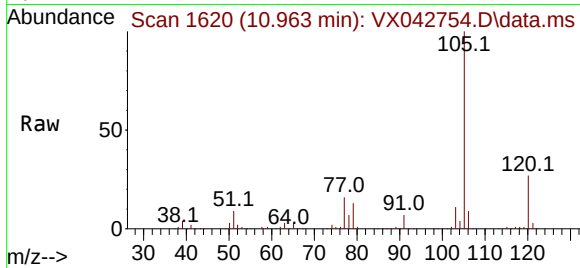




#60
Isopropylbenzene
Concen: 55.140 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

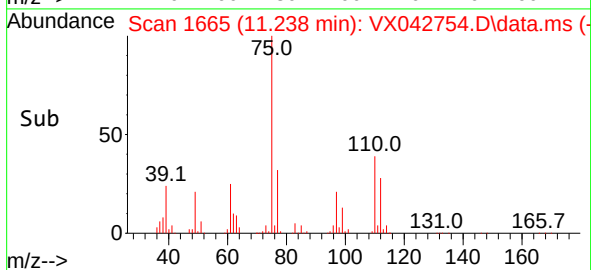
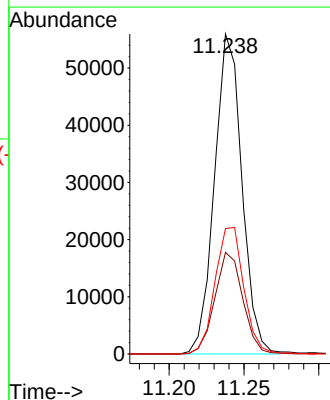
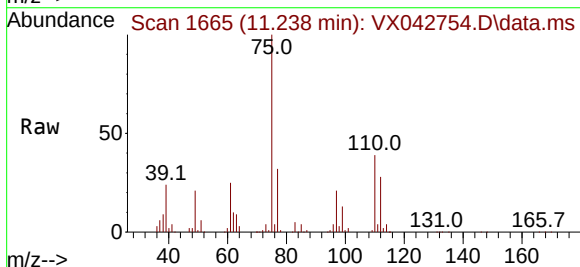
Instrument :
MSVOA_X
ClientSampleId :
E20T0MSD

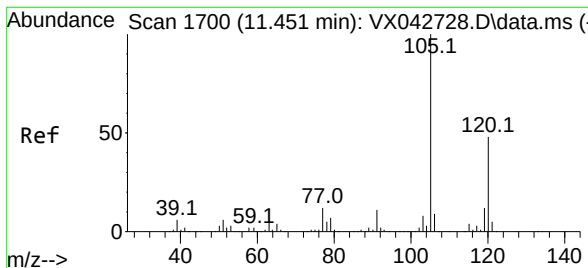
Tgt Ion:105 Resp: 222683
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 15.8 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 57.763 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion: 75 Resp: 71425
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.4
110 41.6 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 56.330 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

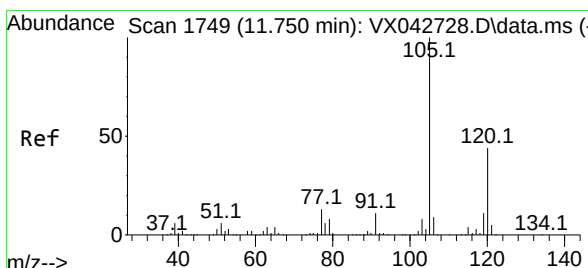
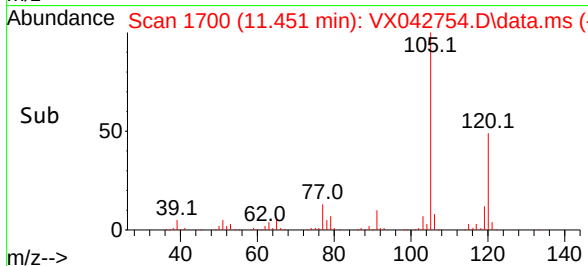
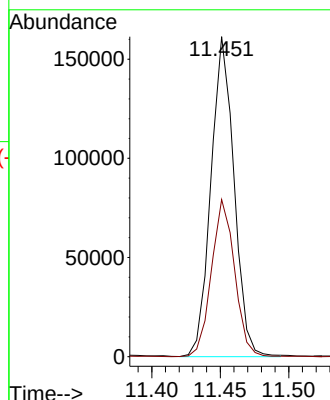
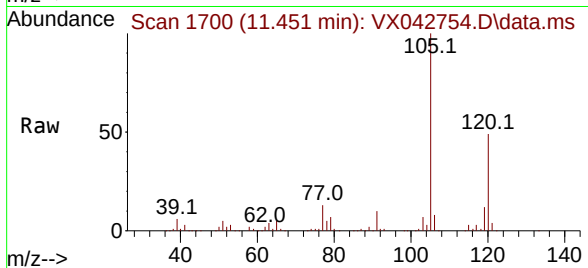
E20T0MSD

Tgt Ion:105 Resp: 189200

Ion Ratio Lower Upper

105 100

120 49.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 56.153 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042754.D

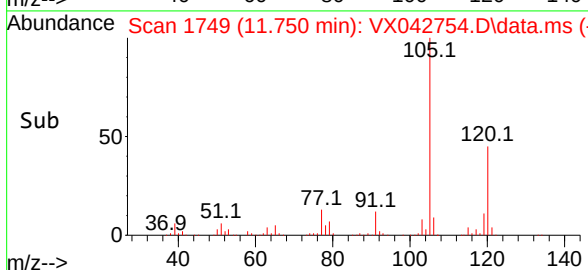
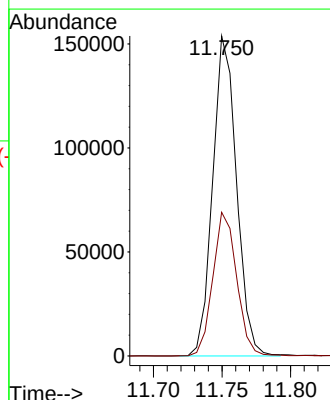
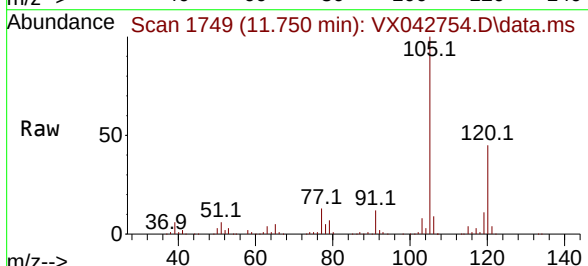
Acq: 30 Jul 2024 20:57

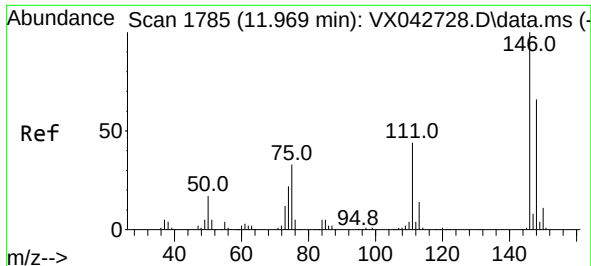
Tgt Ion:105 Resp: 186231

Ion Ratio Lower Upper

105 100

120 44.9 35.2 52.8

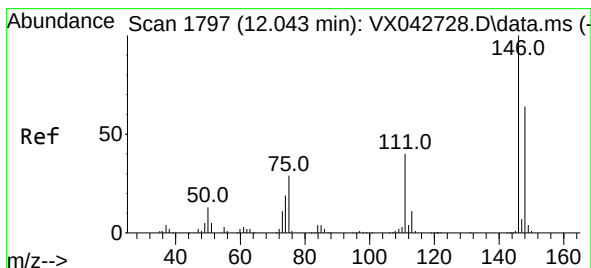
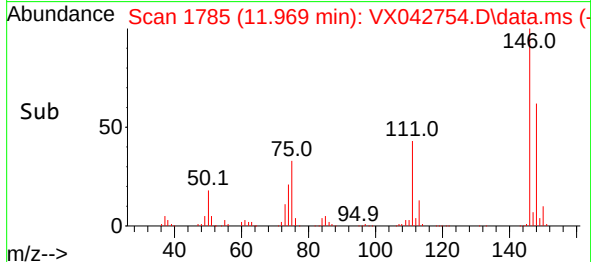
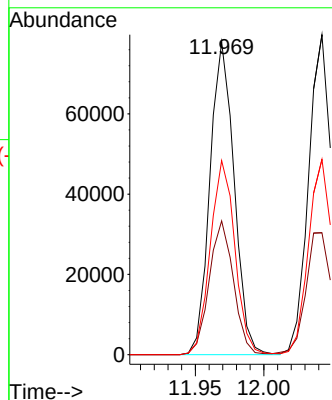
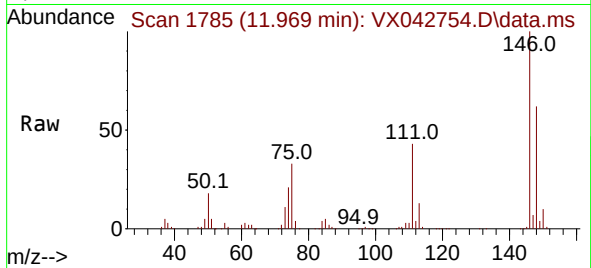




#64
1,3-Dichlorobenzene
Concen: 55.077 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

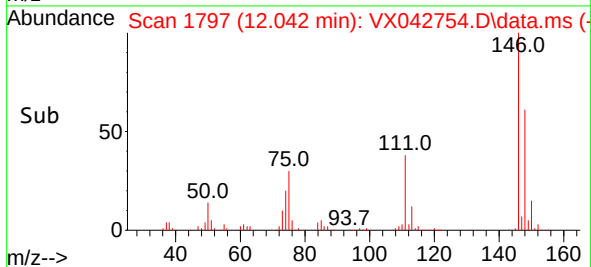
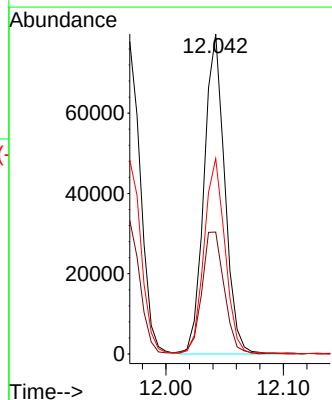
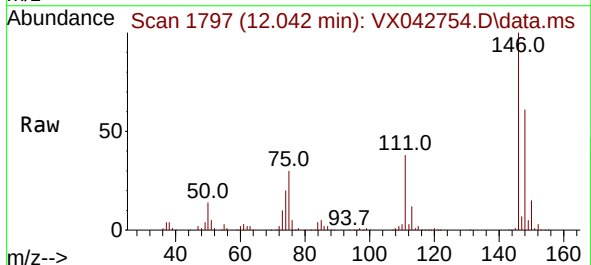
Instrument :
MSVOA_X
ClientSampleId :
E20T0MSD

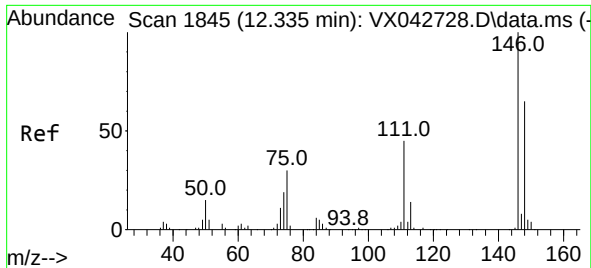
Tgt Ion:146 Resp: 95664
Ion Ratio Lower Upper
146 100
111 42.8 30.4 56.5
148 62.1 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 55.725 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042754.D
Acq: 30 Jul 2024 20:57

Tgt Ion:146 Resp: 97487
Ion Ratio Lower Upper
146 100
111 38.1 27.9 51.7
148 61.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 56.299 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

E20T0MSD

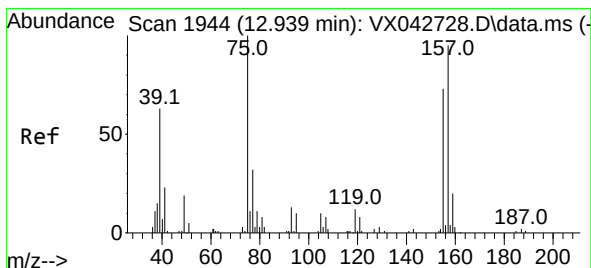
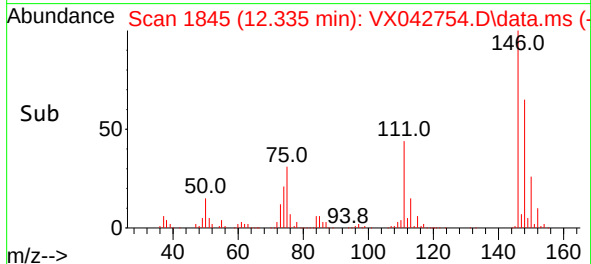
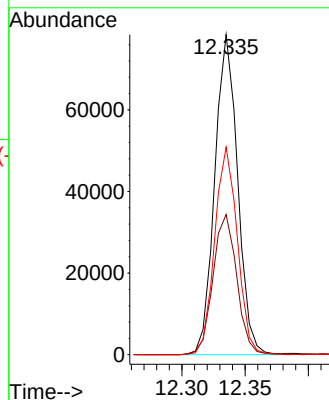
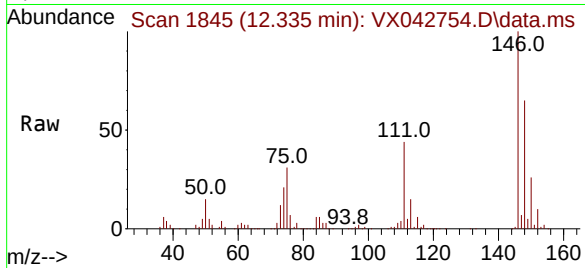
Tgt Ion:146 Resp: 98466

Ion Ratio Lower Upper

146 100

111 43.8 35.3 52.9

148 64.9 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 61.232 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

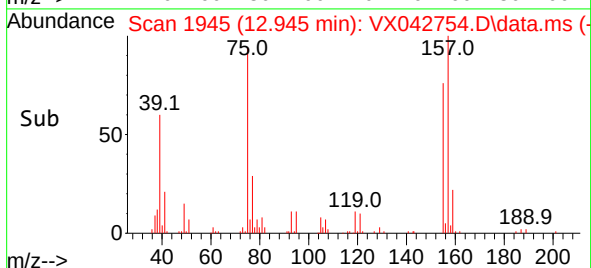
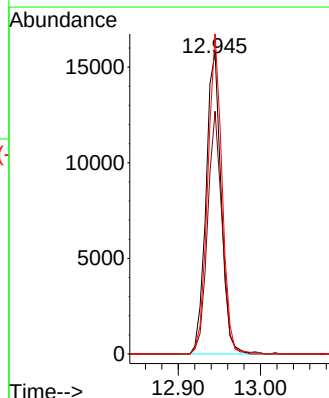
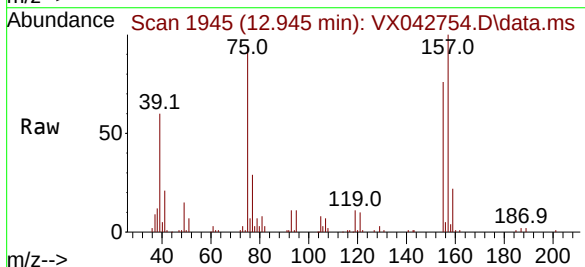
Tgt Ion: 75 Resp: 20171

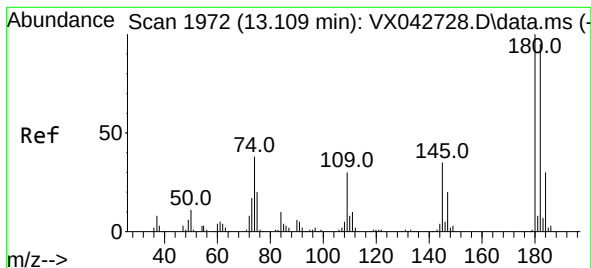
Ion Ratio Lower Upper

75 100

155 80.6 65.1 97.7

157 106.2 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 52.948 ug/L

RT: 13.115 min Scan# 1972

Delta R.T. 0.006 min

Lab File: VX042754.D

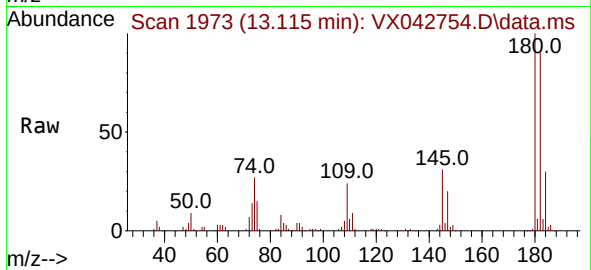
Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

E20T0MSD



Tgt Ion:180 Resp: 57041

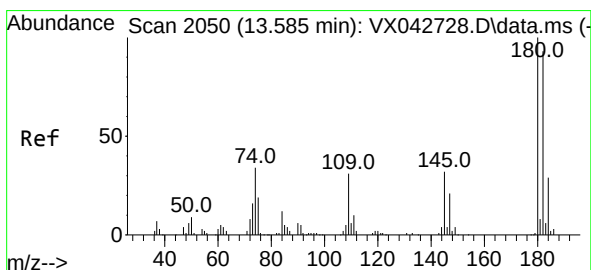
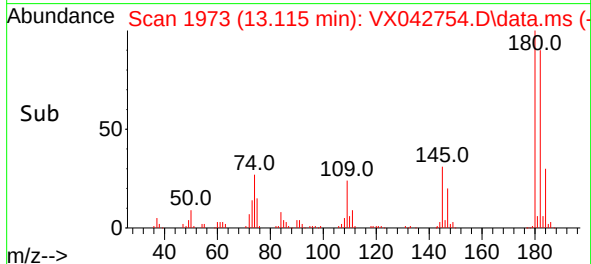
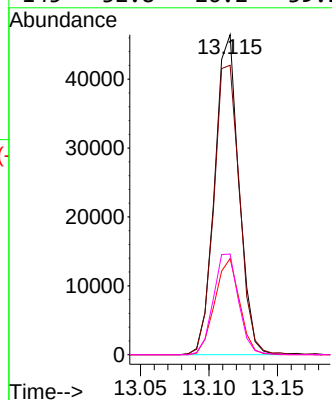
Ion Ratio Lower Upper

180 100

182 95.9 75.4 113.0

184 30.6 23.4 35.0

145 32.8 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 51.883 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

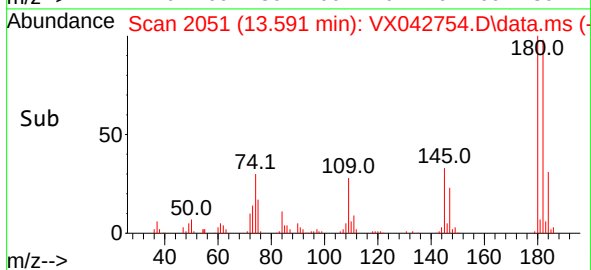
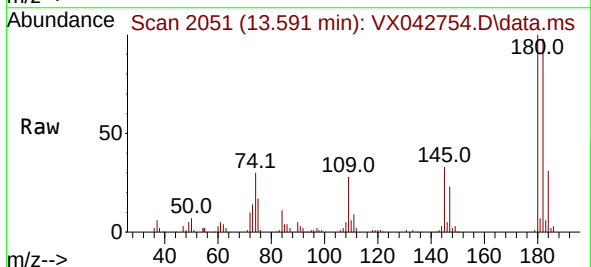
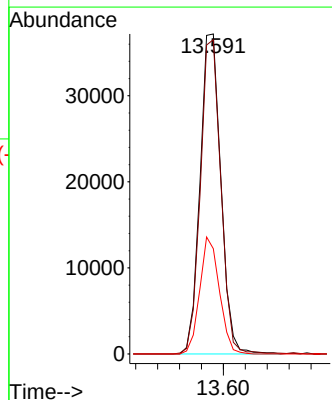
Tgt Ion:180 Resp: 49016

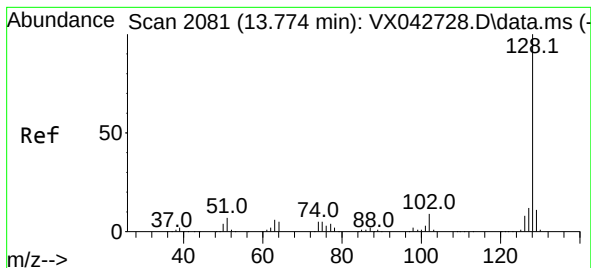
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.4

145 34.5 27.0 40.6





#71

Naphthalene

Concen: 59.589 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Instrument :

MSVOA_X

ClientSampleId :

E20T0MSD

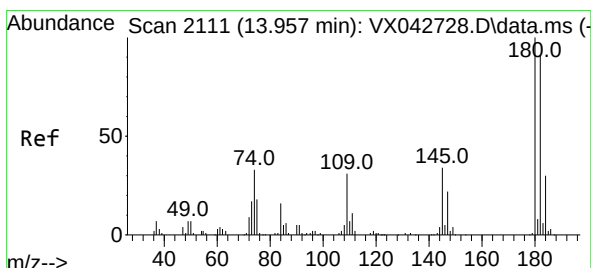
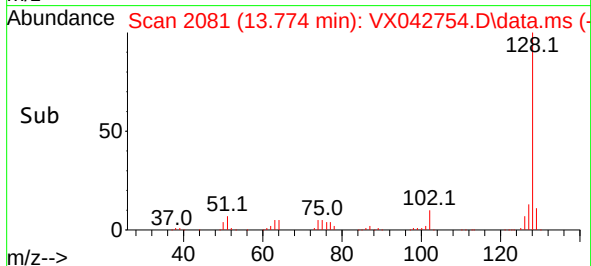
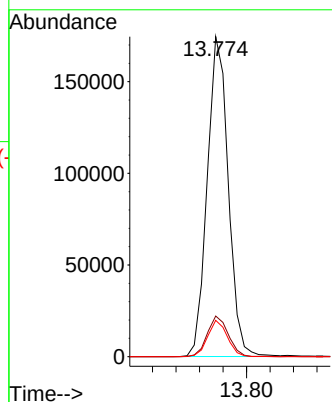
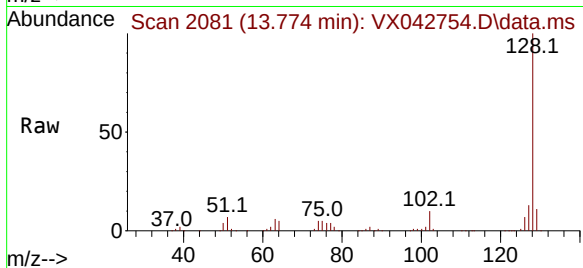
Tgt Ion:128 Resp: 217162

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 56.095 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX042754.D

Acq: 30 Jul 2024 20:57

Tgt Ion:180 Resp: 54896

Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 34.3 27.6 41.4

