

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
 Data File : VX043884.D
 Acq On : 15 Nov 2024 18:22
 Operator : JC/MD
 Sample : P4785-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E27N6MSD

Quant Time: Nov 16 00:13:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 03:21:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	212863	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	209785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	97657	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	65829	49.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.620%
7) Chloroethane-d5	1.648	69	47431	53.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.520%
11) 1,1-Dichloroethene-d2	2.294	65	32679	54.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.600%
21) 2-Butanone-d5	4.464	46	76697	109.120	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.120%
24) Chloroform-d	5.056	84	154115	54.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.952	65	98876	55.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.120%
32) Benzene-d6	5.970	84	281164	48.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
36) 1,2-Dichloropropane-d6	7.305	67	79937	48.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.180%
41) Toluene-d8	8.647	98	268621	48.673	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.340%
43) trans-1,3-Dichloroprop...	8.951	79	41706	49.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.560%
47) 2-Hexanone-d5	9.384	63	61318	100.139	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.140%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	119205	52.116	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	110628	54.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	78585	49.592	ug/L	98
3) Chloromethane	1.294	50	66416	51.955	ug/L	97
5) Vinyl chloride	1.374	62	68452	49.927	ug/L	99
6) Bromomethane	1.593	94	47255	52.133	ug/L	90
8) Chloroethane	1.666	64	37861	50.774	ug/L	93
9) Trichlorofluoromethane	1.873	101	192537	77.806	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	69227	49.596	ug/L	98
12) 1,1-Dichloroethene	2.312	96	64849	50.551	ug/L	98
13) Acetone	2.386	43	56016	66.420	ug/L	100
14) Carbon disulfide	2.501	76	142188	52.548	ug/L	98
15) Methyl Acetate	2.703	43	54559	46.960	ug/L	100
16) Methylene chloride	2.782	84	71795	51.237	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	68700	53.129	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	238506	52.914	ug/L	99
19) 1,1-Dichloroethane	3.605	63	119248	52.302	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	79043	50.938	ug/L	96
22) 2-Butanone	4.562	43	82623	90.204	ug/L	99
23) Bromochloromethane	4.897	128	43563	52.239	ug/L	91
25) Chloroform	5.086	83	139046	52.635	ug/L	91

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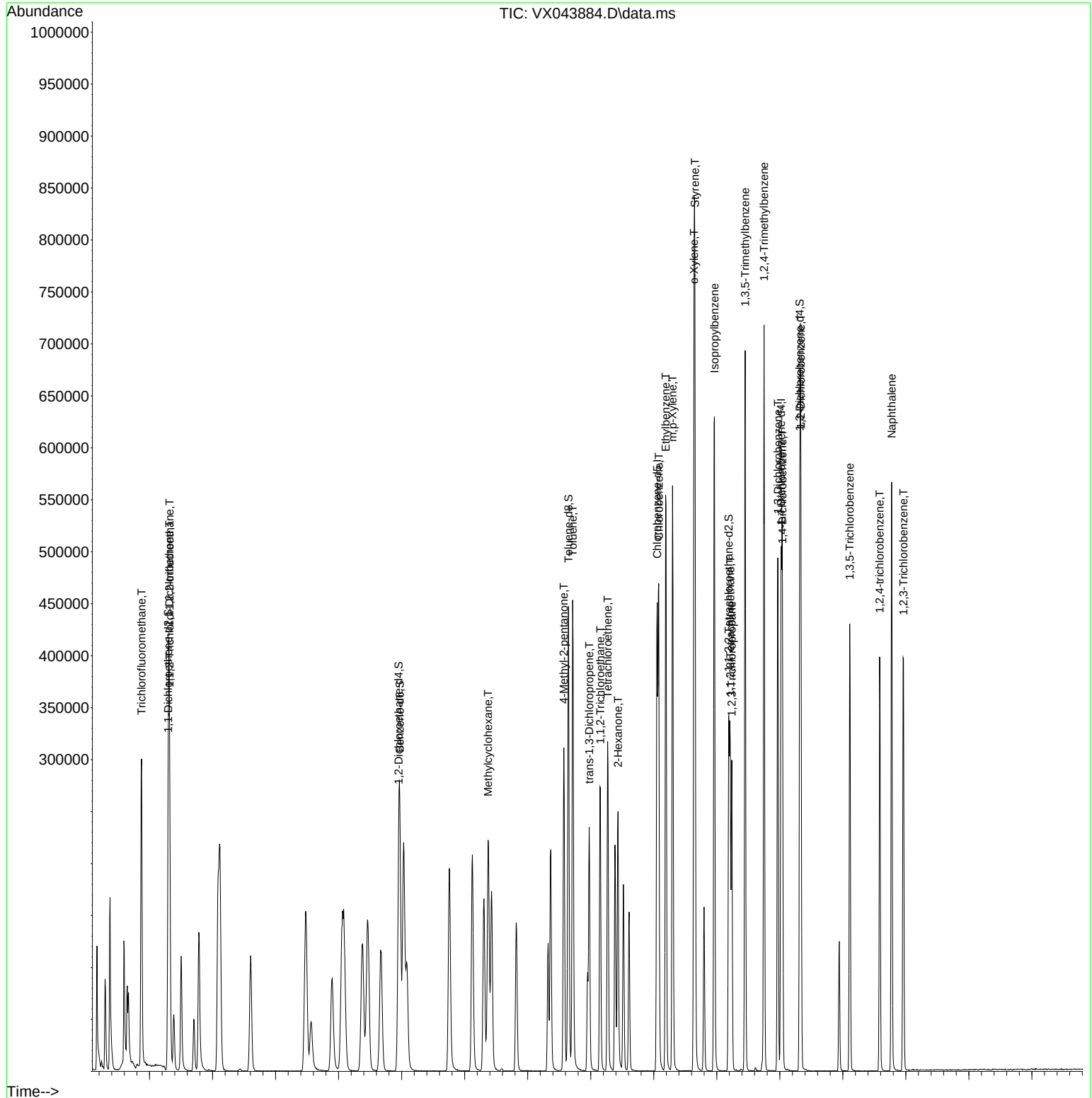
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	108495	52.382	ug/L	100
29) Cyclohexane	5.458	56	98836	45.338	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	126406	48.350	ug/L	97
31) Carbon tetrachloride	5.672	117	108840	48.245	ug/L	99
33) Benzene	6.031	78	272741	47.655	ug/L	100
34) Trichloroethene	7.123	95	78441	41.290	ug/L	95
35) Methylcyclohexane	7.372	83	107680	44.348	ug/L	99
37) 1,2-Dichloropropane	7.427	63	68575	49.109	ug/L	100
38) Bromodichloromethane	7.818	83	93390	48.214	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	113768	48.128	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	164534	99.977	ug/L	99
42) Toluene	8.714	91	299775	47.997	ug/L	96
44) trans-1,3-Dichloropropene	8.976	75	109196	49.803	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	77250	48.009	ug/L	98
46) Tetrachloroethene	9.268	164	63582	46.527	ug/L	95
48) 2-Hexanone	9.433	43	124711	92.072	ug/L	97
49) Dibromochloromethane	9.518	129	80270	50.723	ug/L	100
50) 1,2-Dibromoethane	9.610	107	84167	48.652	ug/L	100
51) Chlorobenzene	10.079	112	218343	51.170	ug/L	99
52) Ethylbenzene	10.189	91	343518	50.277	ug/L	98
53) m,p-Xylene	10.299	106	135118	49.192	ug/L	93
54) o-Xylene	10.640	106	142476	52.099	ug/L	97
55) Styrene	10.652	104	239821	53.879	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	117192	50.498	ug/L	97
59) Bromoform	10.799	173	57064	56.425	ug/L	98
60) Isopropylbenzene	10.963	105	357636	54.444	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	90299	54.207	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	302610	54.705	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	302709	54.970	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	168118	53.872	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	163858	52.572	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	165502	52.011	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	22900	56.884	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	104002	49.728	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	93723	50.081	ug/L	100
71) Naphthalene	13.774	128	345736	53.008	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	101081	52.608	ug/L	100

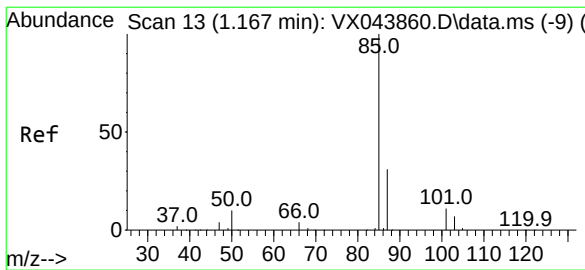
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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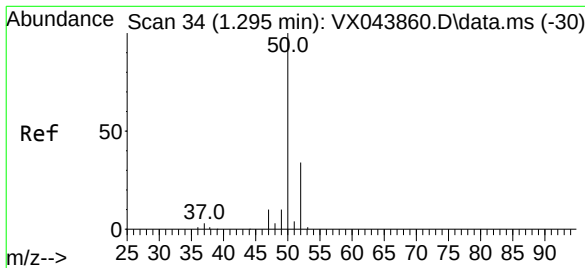
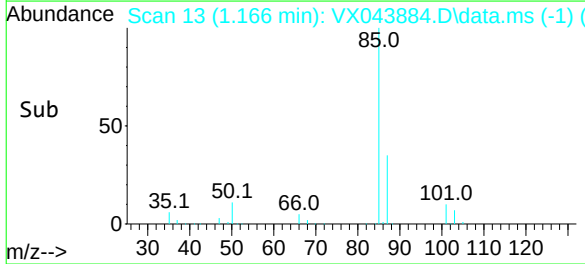
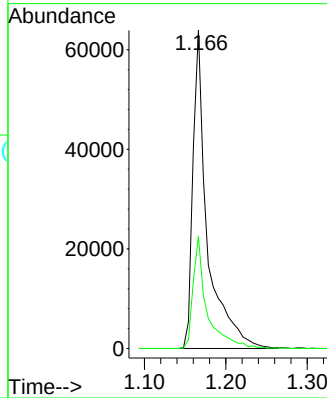
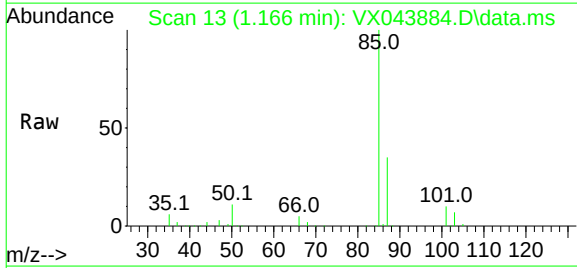




#2
Dichlorodifluoromethane
Concen: 49.592 ug/L
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

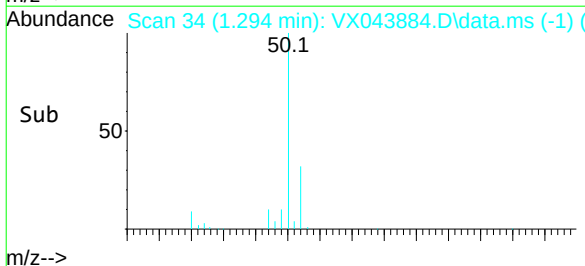
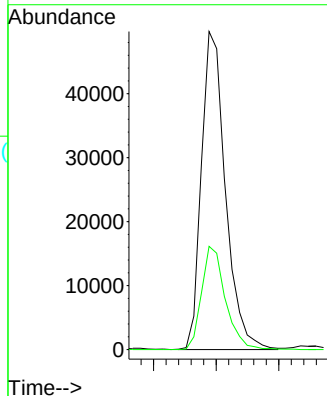
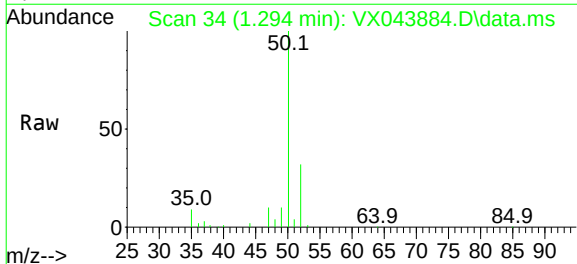
Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

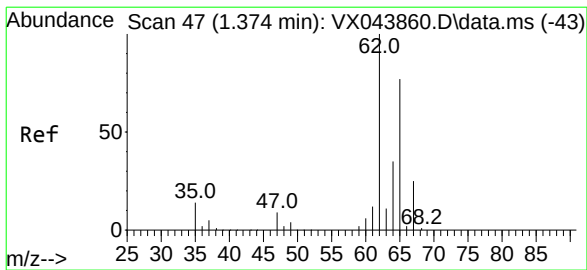
Tgt Ion: 85 Resp: 78585
Ion Ratio Lower Upper
85 100
87 33.8 26.0 39.0



#3
Chloromethane
Concen: 51.955 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion: 50 Resp: 66416
Ion Ratio Lower Upper
50 100
52 32.5 23.8 44.2





#5

Vinyl chloride

Concen: 49.927 ug/L

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

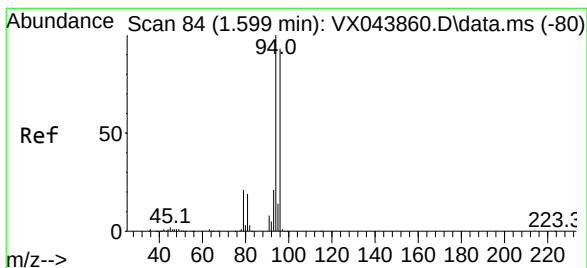
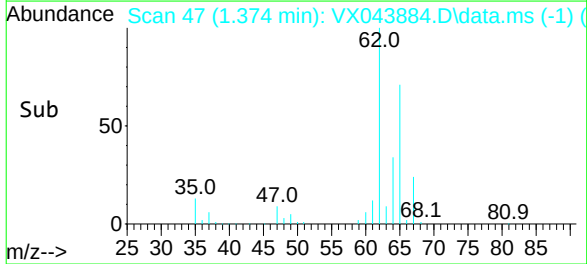
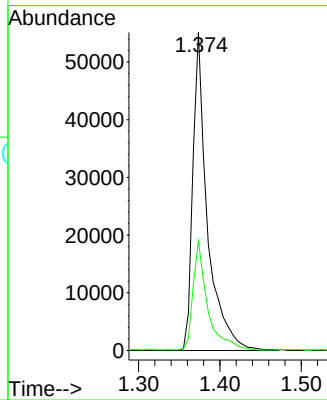
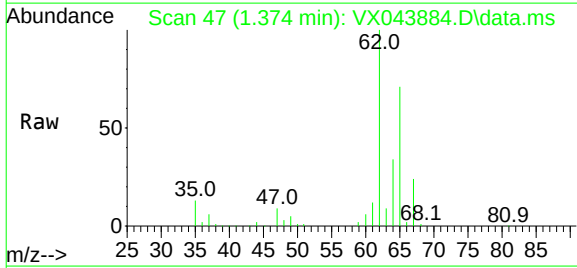
E27N6MSD

Tgt Ion: 62 Resp: 68452

Ion Ratio Lower Upper

62 100

64 34.4 23.5 43.7



#6

Bromomethane

Concen: 52.133 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX043884.D

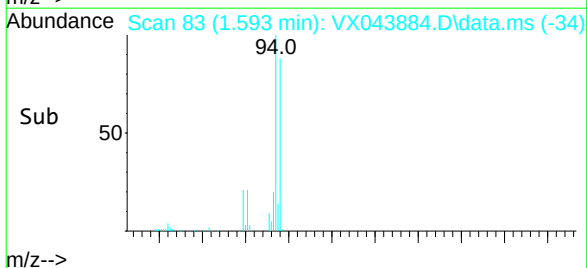
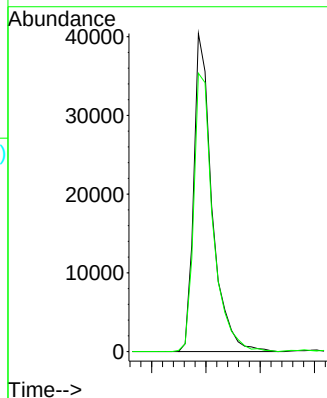
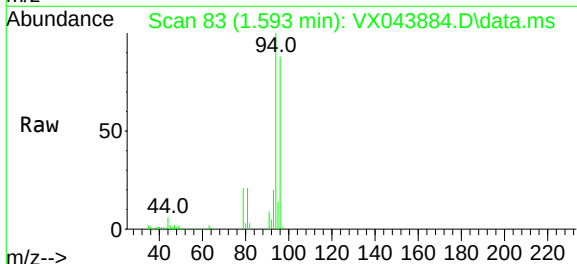
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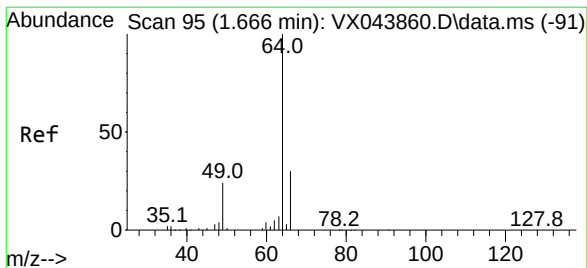
Tgt Ion: 94 Resp: 47255

Ion Ratio Lower Upper

94 100

96 87.5 68.3 126.8





#8

Chloroethane

Concen: 50.774 ug/L

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

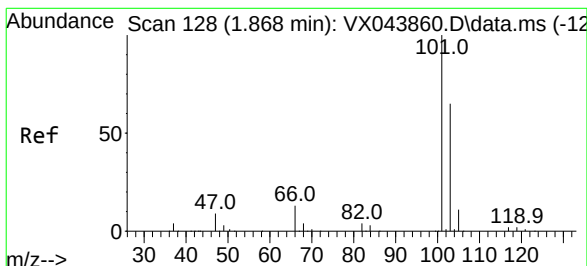
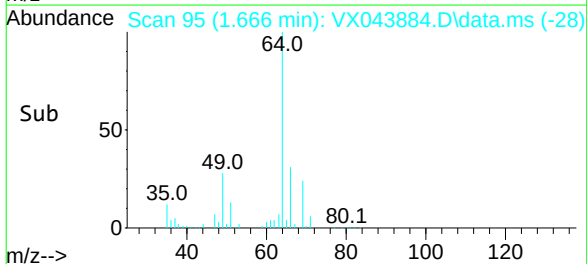
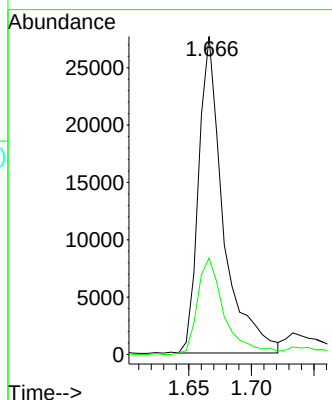
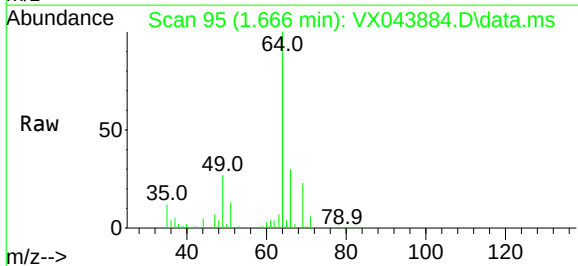
E27N6MSD

Tgt Ion: 64 Resp: 37861

Ion Ratio Lower Upper

64 100

66 30.3 24.2 45.0



#9

Trichlorofluoromethane

Concen: 77.806 ug/L

RT: 1.873 min Scan# 129

Delta R.T. 0.006 min

Lab File: VX043884.D

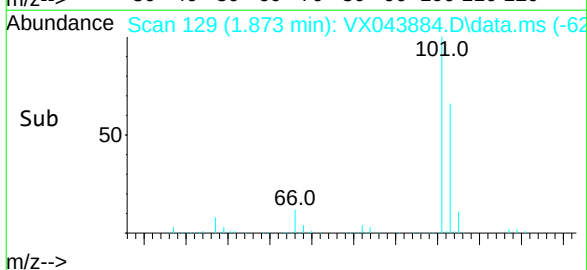
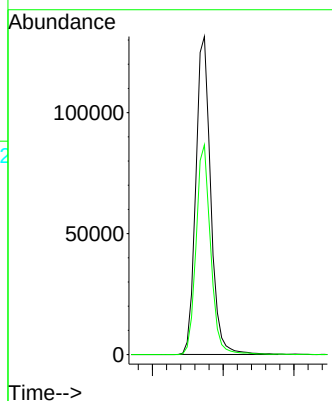
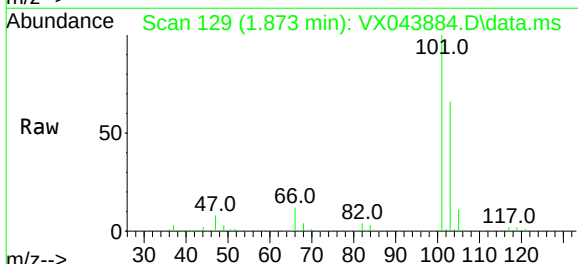
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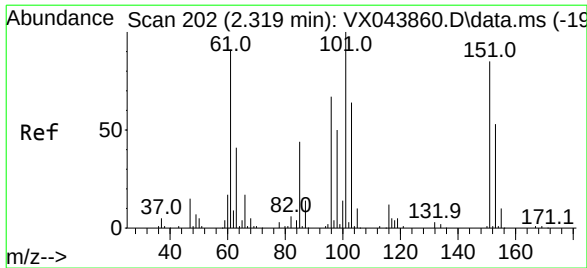
Tgt Ion: 101 Resp: 192537

Ion Ratio Lower Upper

101 100

103 64.3 51.3 76.9

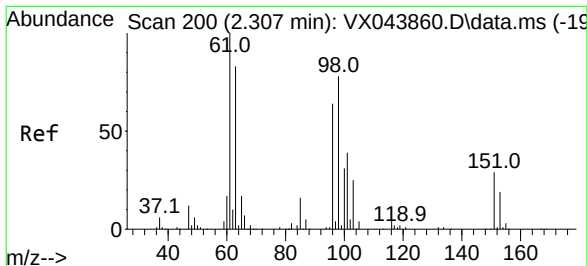
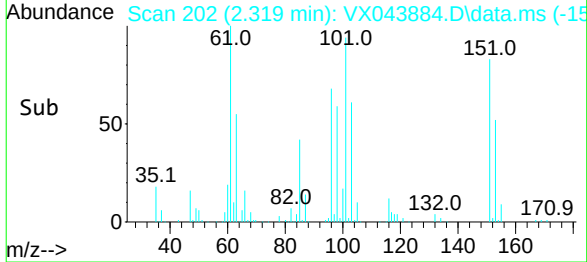
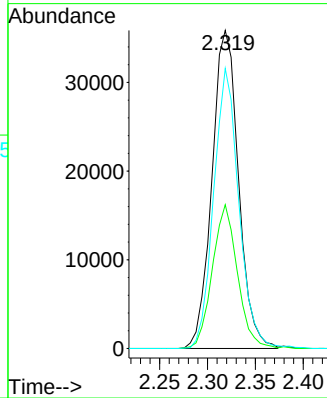
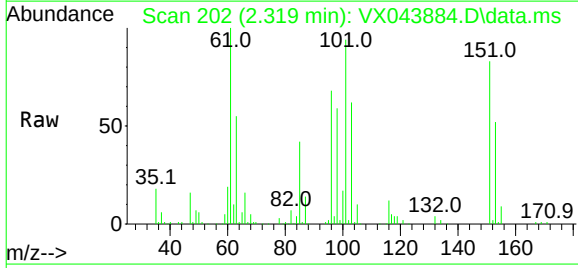




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.596 ug/L
RT: 2.319 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

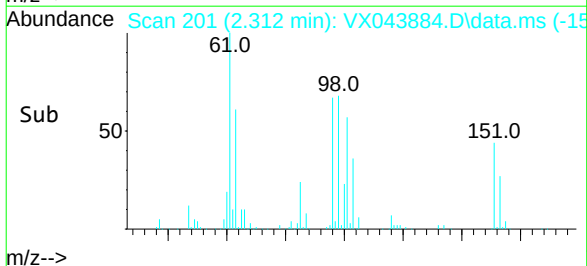
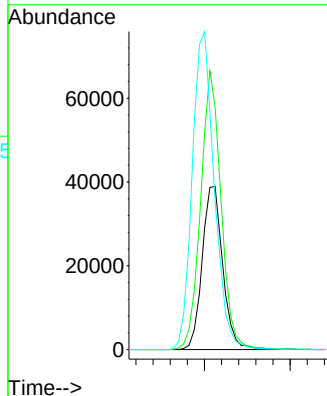
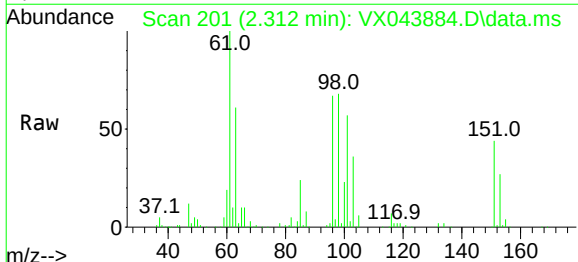
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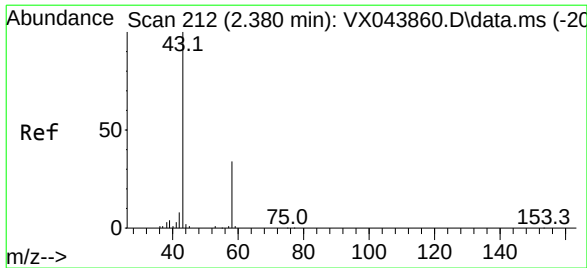
Tgt Ion:	101	Resp:	69227
Ion	Ratio	Lower	Upper
101	100		
85	42.6	33.8	50.6
151	83.6	64.9	97.3



#12
1,1-Dichloroethene
Concen: 50.551 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion:	96	Resp:	64849
Ion	Ratio	Lower	Upper
96	100		
61	148.7	102.2	189.8
63	91.0	62.6	116.2





#13

Acetone

Concen: 66.420 ug/L

RT: 2.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

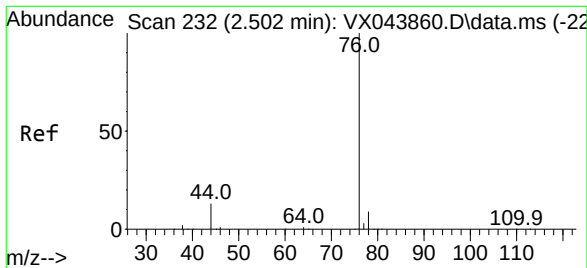
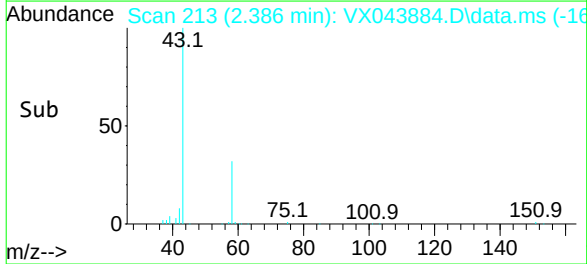
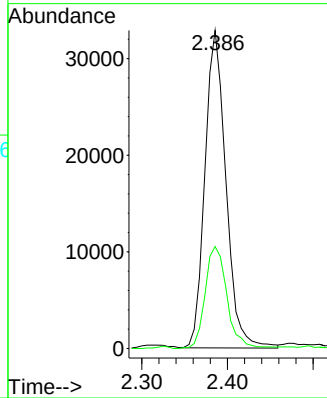
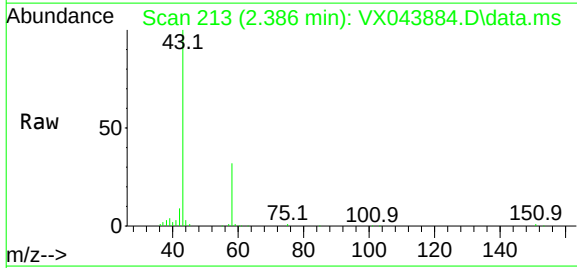
E27N6MSD

Tgt Ion: 43 Resp: 56016

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.2



#14

Carbon disulfide

Concen: 52.548 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

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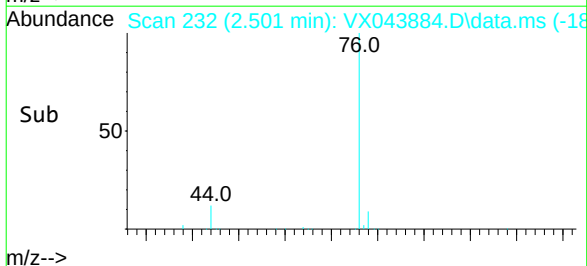
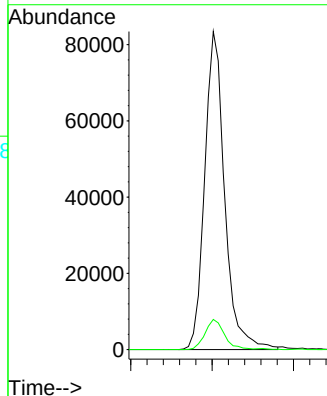
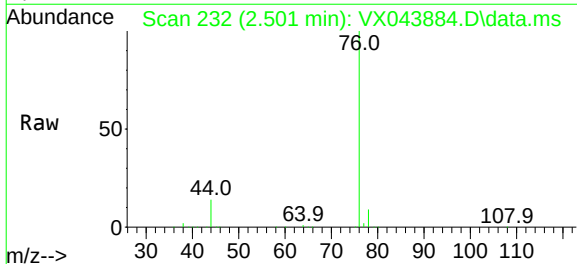
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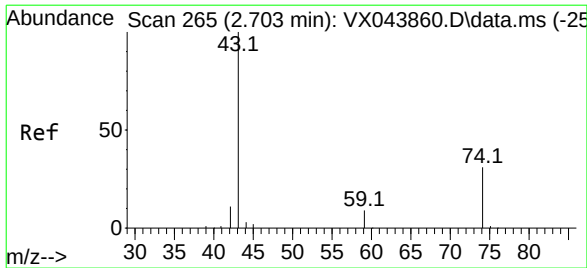
Tgt Ion: 76 Resp: 142188

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6

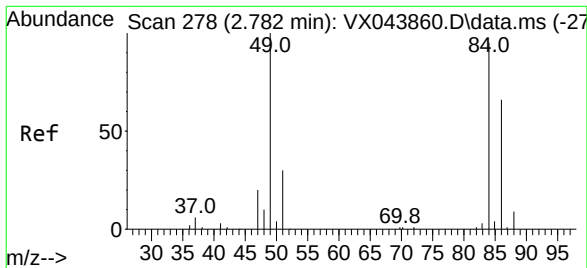
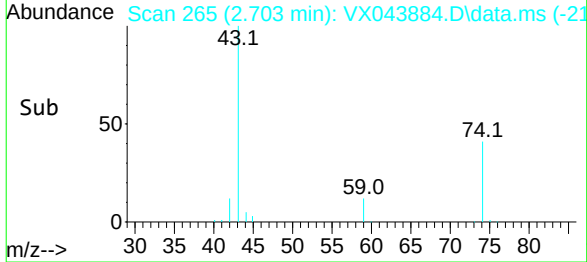
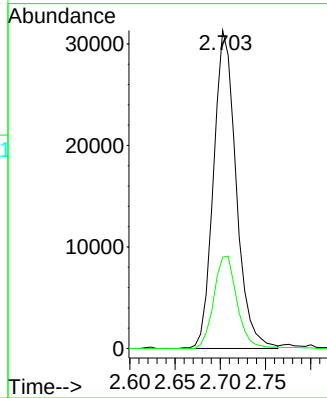
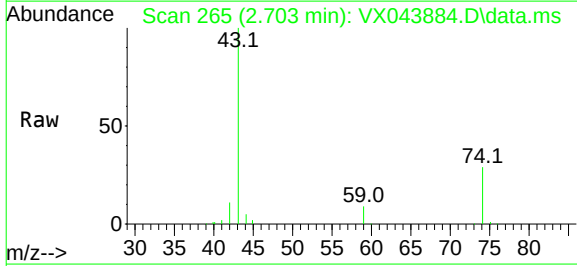




#15
Methyl Acetate
Concen: 46.960 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

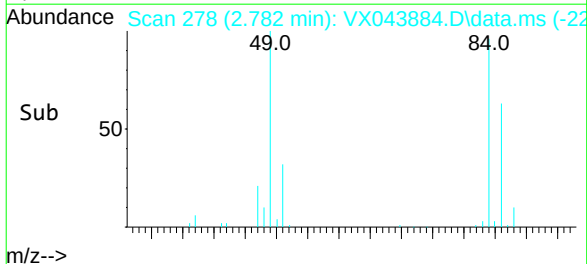
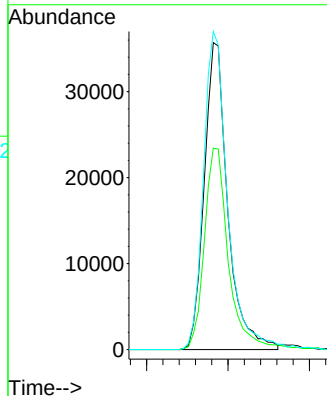
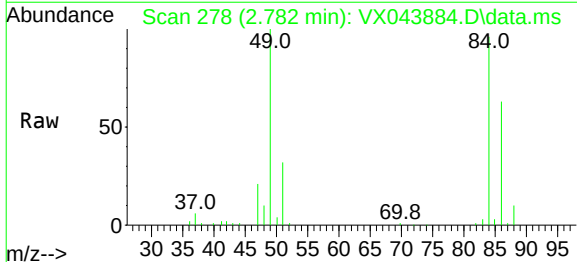
Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

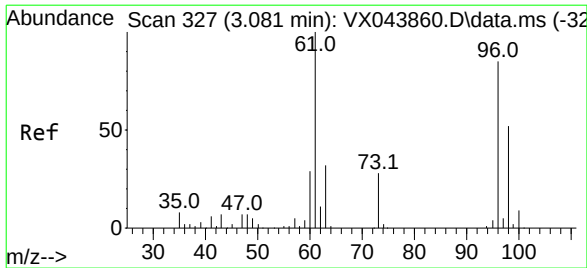
Tgt Ion: 43 Resp: 54559
Ion Ratio Lower Upper
43 100
74 29.6 23.4 35.2



#16
Methylene chloride
Concen: 51.237 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion: 84 Resp: 71795
Ion Ratio Lower Upper
84 100
86 65.7 44.4 82.5
49 103.6 73.4 136.2

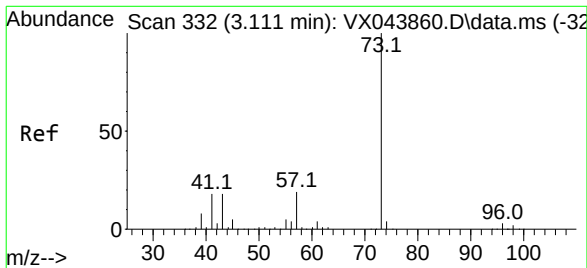
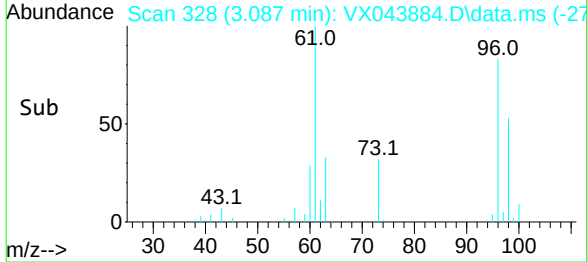
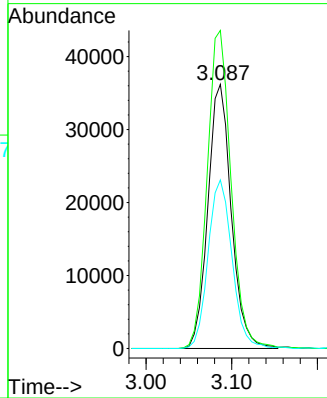
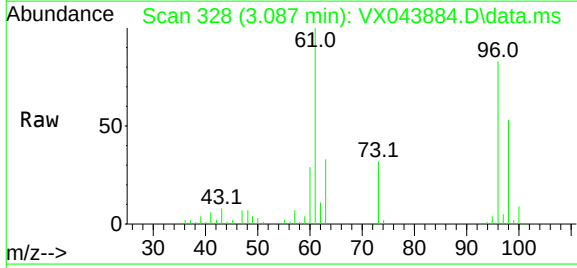




#17
trans-1,2-Dichloroethene
Concen: 53.129 ug/L
RT: 3.087 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

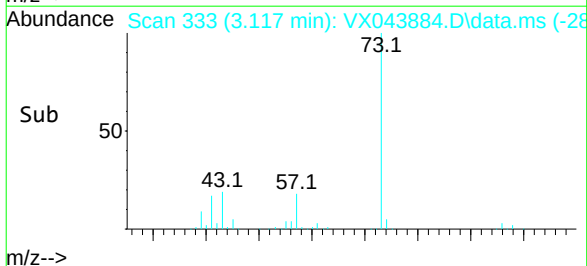
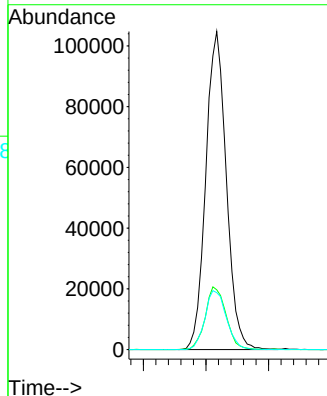
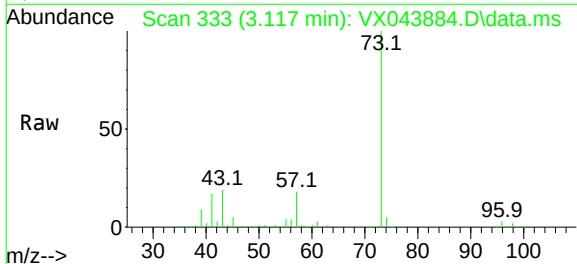
Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

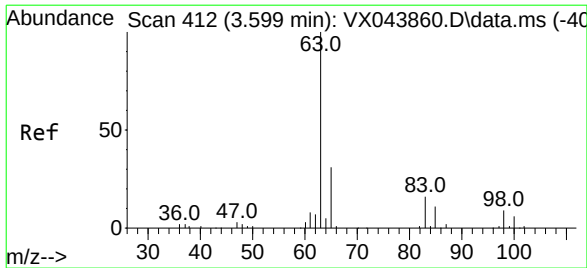
Tgt Ion:	96	Resp:	68700
Ion	Ratio	Lower	Upper
96	100		
61	120.4	83.2	154.6
98	63.8	45.4	84.4



#18
Methyl tert-butyl Ether
Concen: 52.914 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion:	73	Resp:	238506
Ion	Ratio	Lower	Upper
73	100		
43	20.0	15.5	23.3
57	19.4	15.1	22.7





#19

1,1-Dichloroethane

Concen: 52.302 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

E27N6MSD

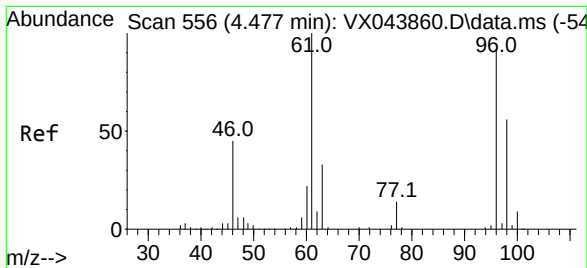
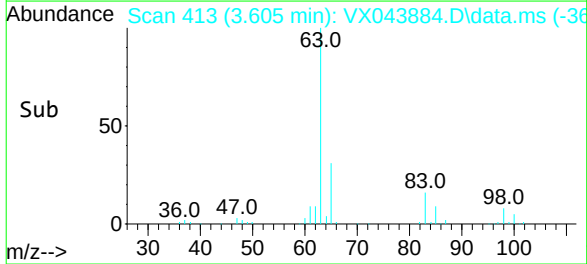
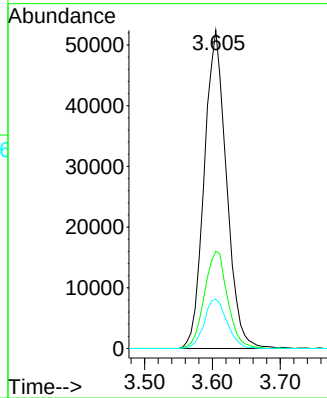
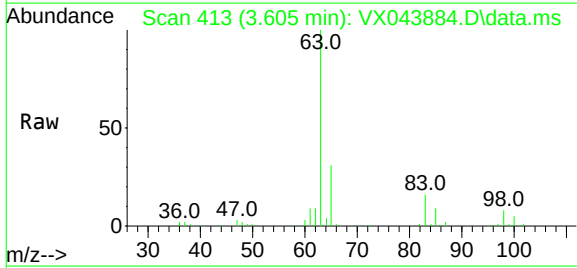
Tgt Ion: 63 Resp: 119248

Ion Ratio Lower Upper

63 100

65 30.5 22.4 41.6

83 15.5 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 50.938 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

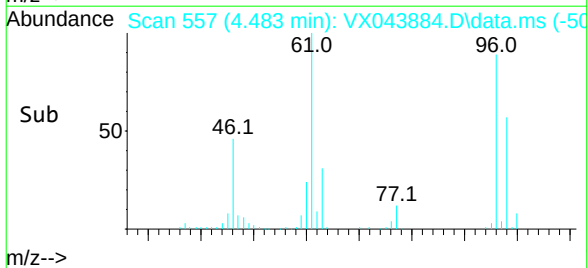
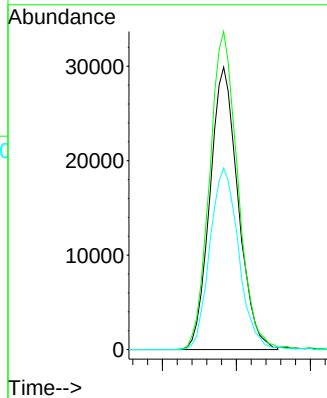
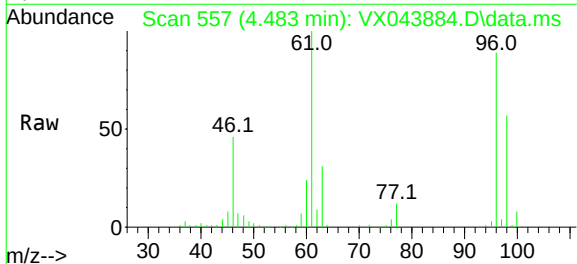
Tgt Ion: 96 Resp: 79043

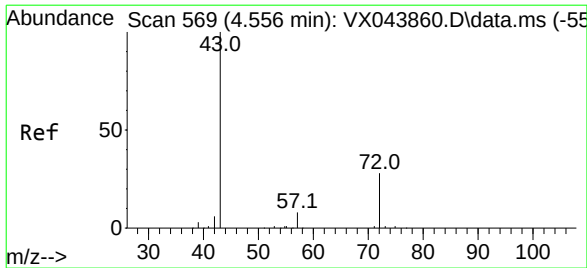
Ion Ratio Lower Upper

96 100

61 112.6 76.4 141.8

98 64.3 42.6 79.0

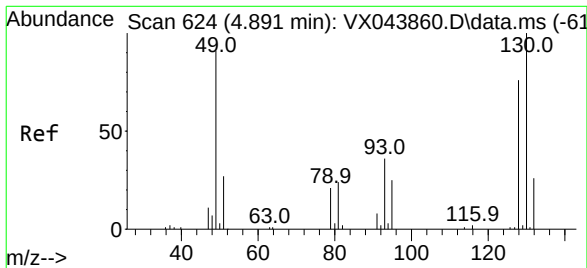
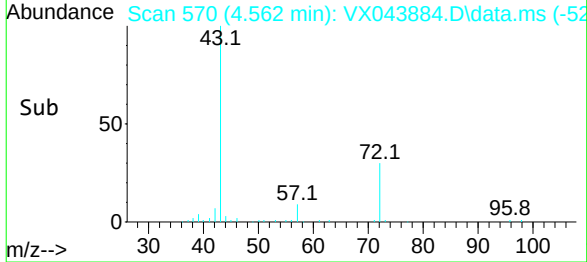
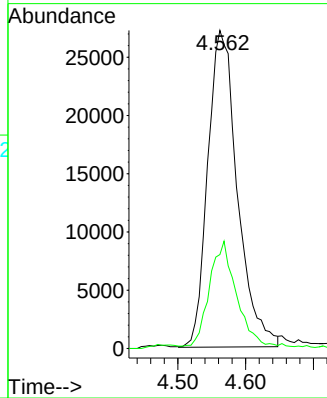
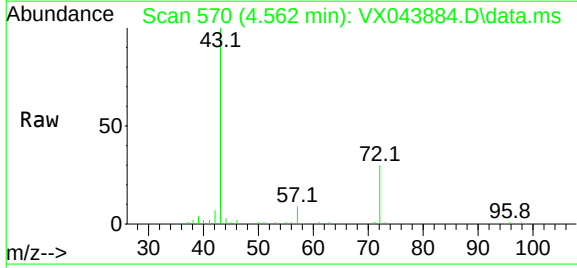




#22
2-Butanone
Concen: 90.204 ug/L
RT: 4.562 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

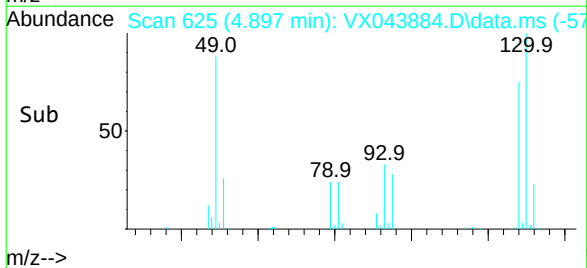
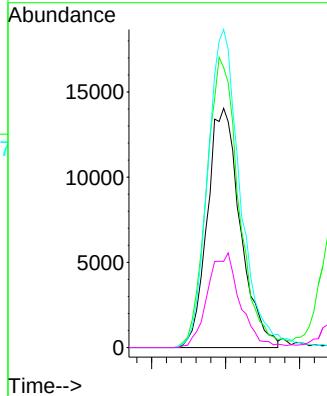
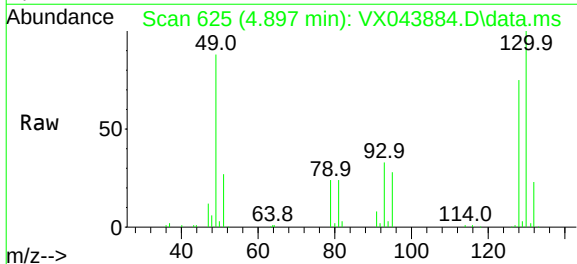
Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

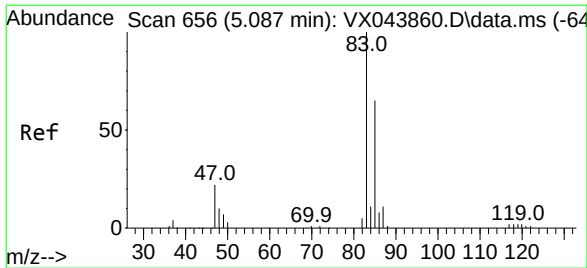
Tgt Ion: 43 Resp: 82623
Ion Ratio Lower Upper
43 100
72 31.1 16.0 47.9



#23
Bromochloromethane
Concen: 52.239 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion: 128 Resp: 43563
Ion Ratio Lower Upper
128 100
49 117.0 73.6 136.8
130 132.9 85.7 159.1
51 36.0 29.1 43.7

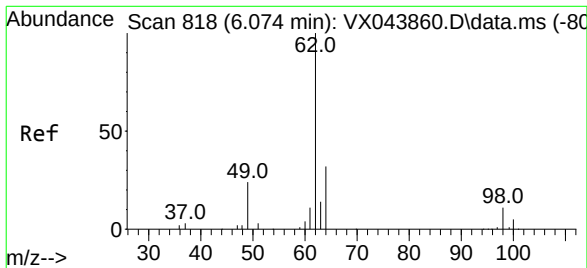
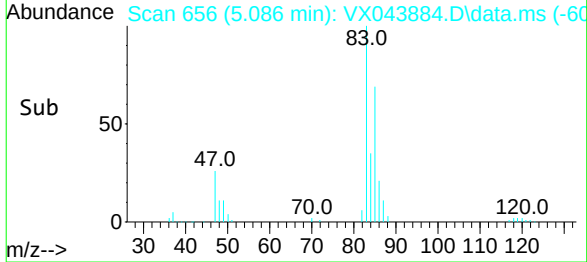
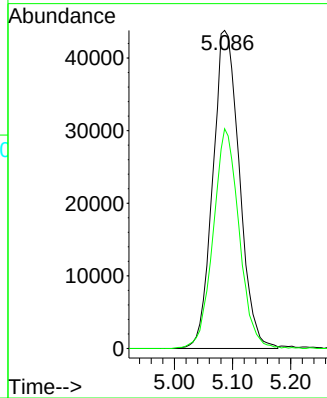
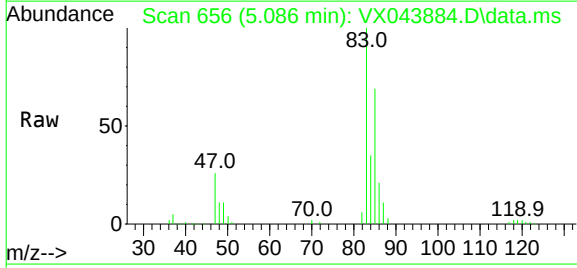




#25
Chloroform
Concen: 52.635 ug/L
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

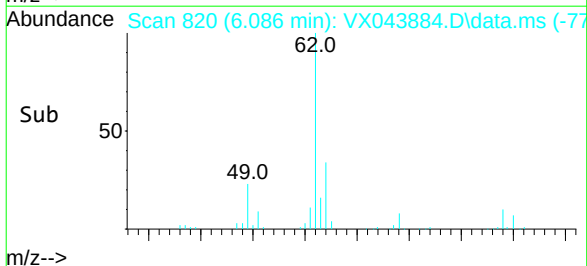
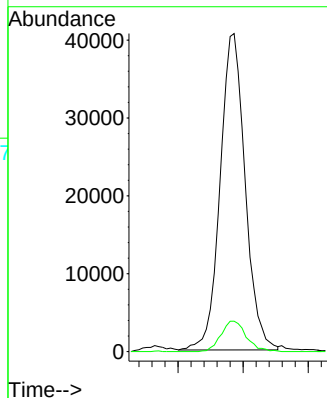
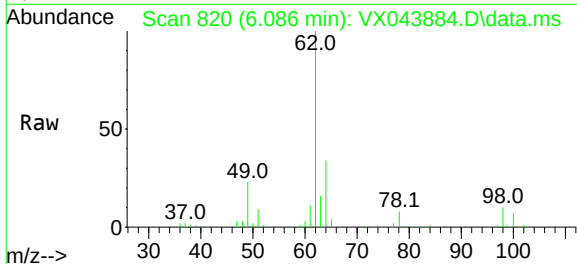
Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

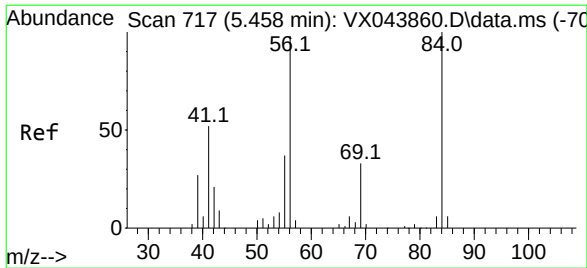
Tgt Ion: 83 Resp: 139046
Ion Ratio Lower Upper
83 100
85 69.1 43.8 81.3



#27
1,2-Dichloroethane
Concen: 52.382 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion: 62 Resp: 108495
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3





#29

Cyclohexane

Concen: 45.338 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

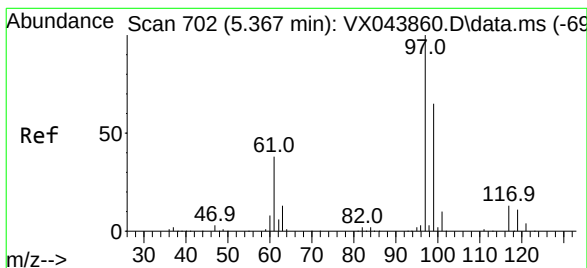
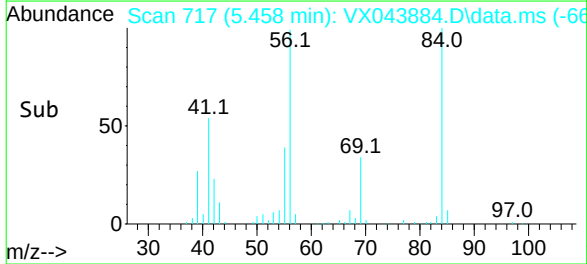
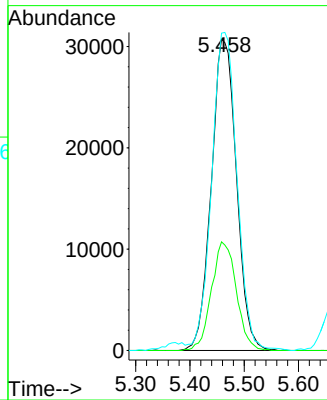
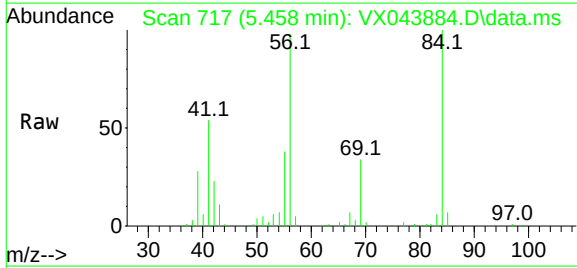
Instrument :

MSVOA_X

ClientSampleId :

E27N6MSD

Tgt Ion:	56	Resp:	98836
Ion	Ratio	Lower	Upper
56	100		
69	34.5	28.2	42.2
84	102.7	83.4	125.0



#30

1,1,1-Trichloroethane

Concen: 48.350 ug/L

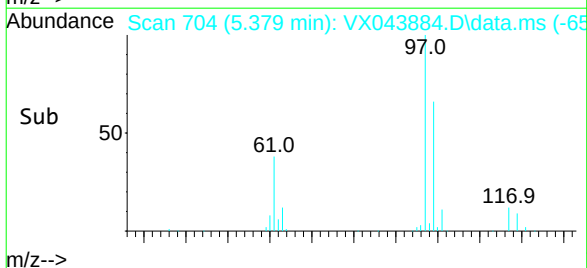
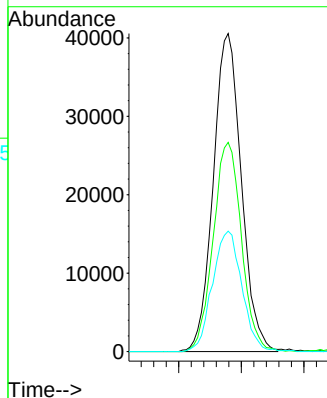
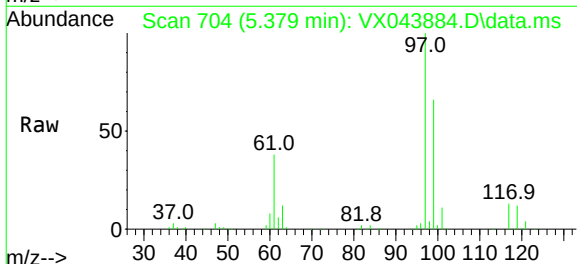
RT: 5.379 min Scan# 704

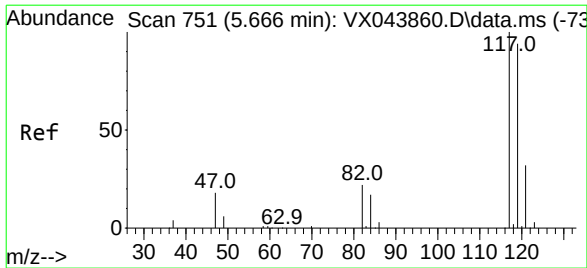
Delta R.T. 0.006 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Tgt Ion:	97	Resp:	126406
Ion	Ratio	Lower	Upper
97	100		
99	66.1	50.8	76.2
61	39.5	30.6	45.8





#31

Carbon tetrachloride

Concen: 48.245 ug/L

RT: 5.672 min Scan# 751

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

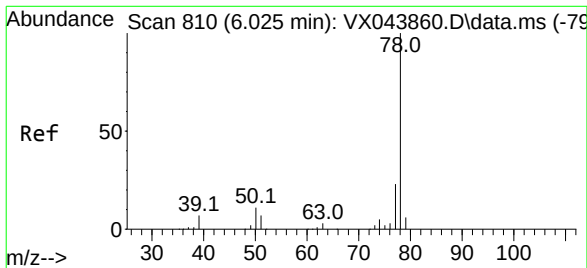
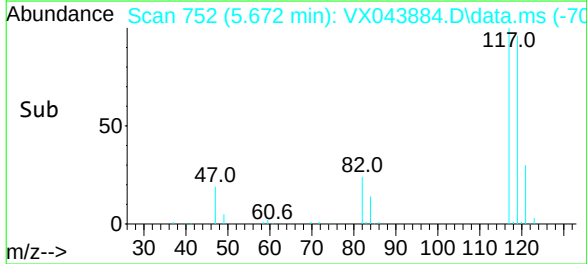
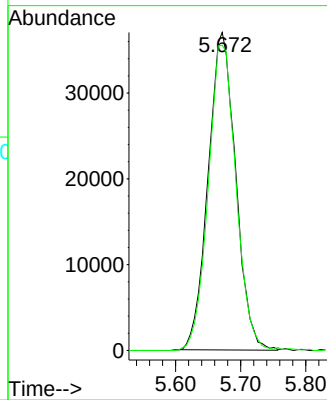
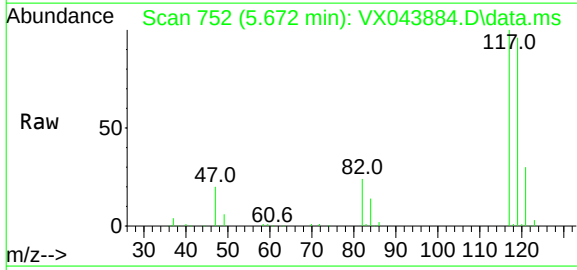
E27N6MSD

Tgt Ion:117 Resp: 108840

Ion Ratio Lower Upper

117 100

119 96.9 78.0 117.0



#33

Benzene

Concen: 47.655 ug/L

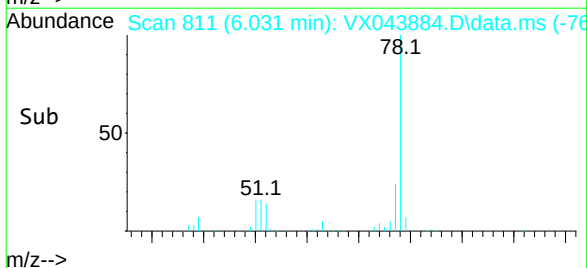
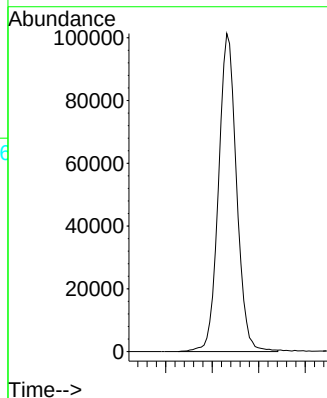
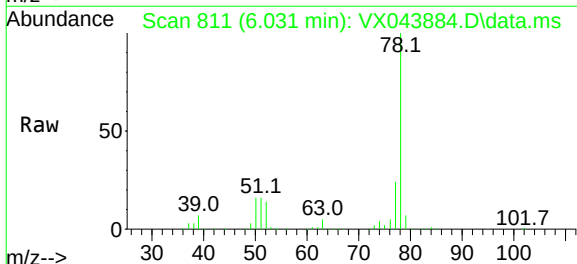
RT: 6.031 min Scan# 811

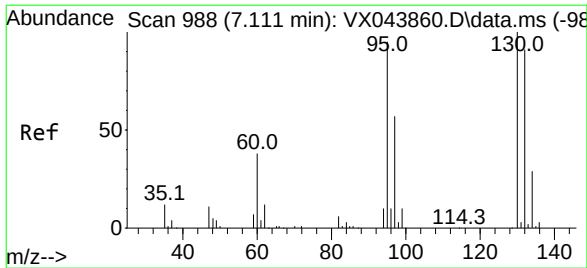
Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

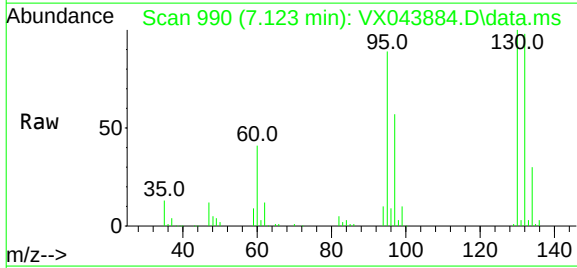
Tgt Ion: 78 Resp: 272741



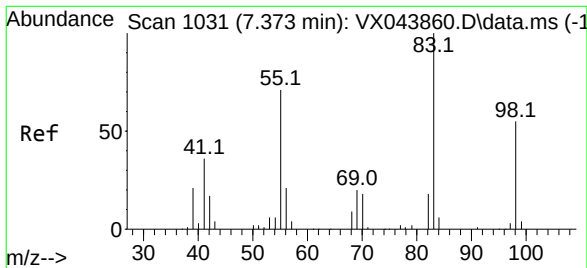
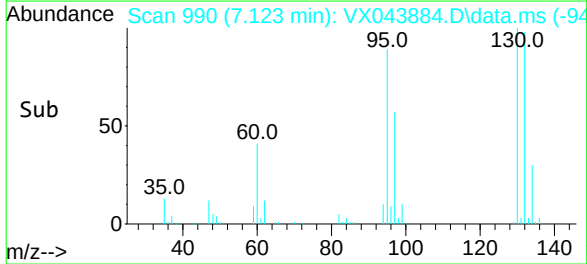
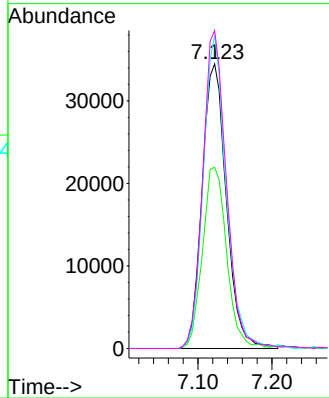


#34
Trichloroethene
Concen: 41.290 ug/L
RT: 7.123 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

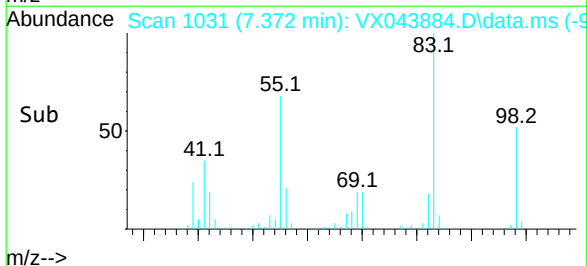
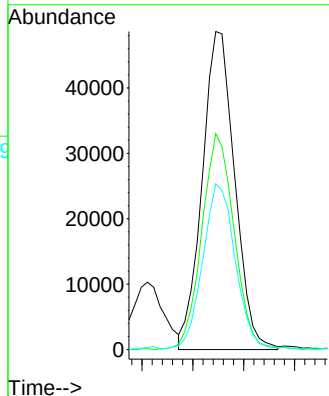
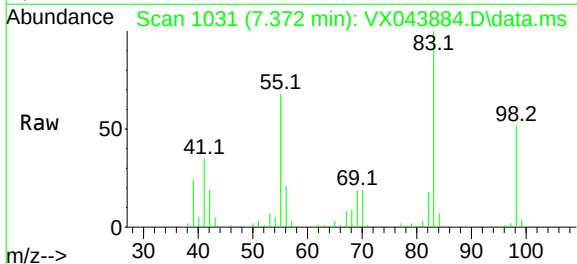


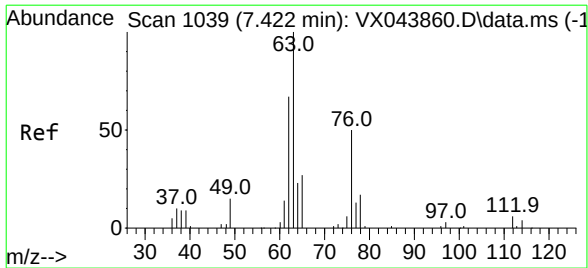
Tgt Ion: 95 Resp: 78441
Ion Ratio Lower Upper
95 100
97 63.7 45.6 84.6
132 110.0 74.4 138.2
130 111.8 72.6 134.8



#35
Methylcyclohexane
Concen: 44.348 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion: 83 Resp: 107680
Ion Ratio Lower Upper
83 100
55 67.4 53.5 80.3
98 52.8 43.0 64.6

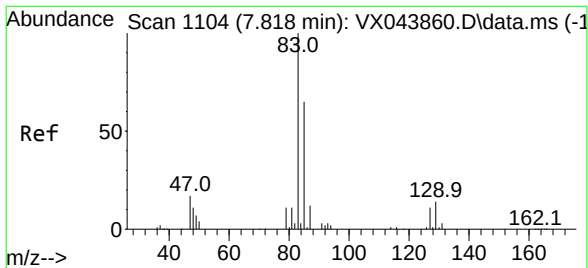
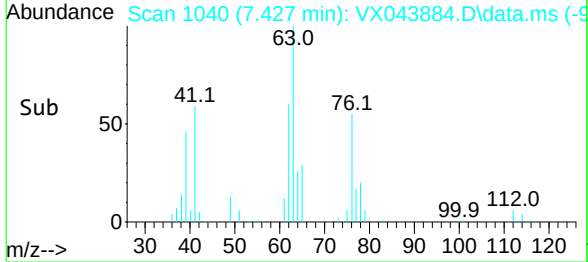
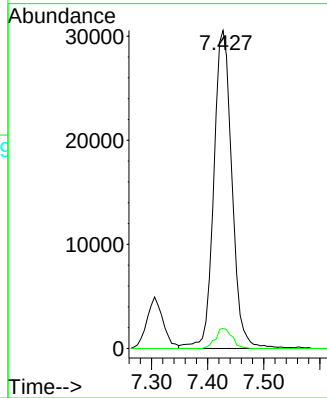
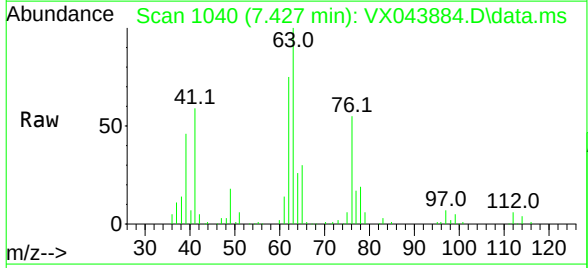




#37
1,2-Dichloropropane
Concen: 49.109 ug/L
RT: 7.427 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

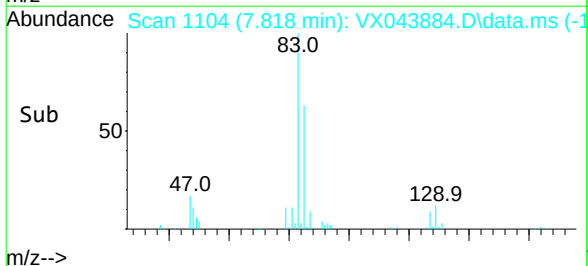
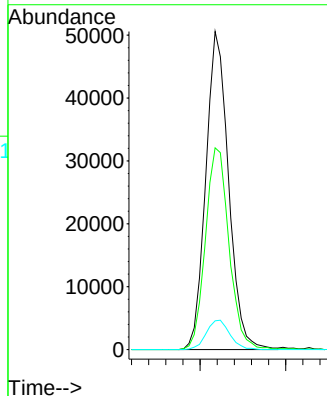
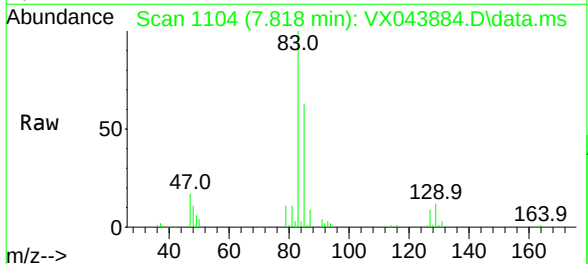
Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

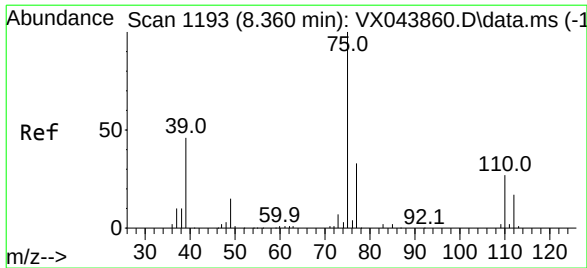
Tgt Ion: 63 Resp: 68575
Ion Ratio Lower Upper
63 100
112 5.8 4.6 7.0



#38
Bromodichloromethane
Concen: 48.214 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion: 83 Resp: 93390
Ion Ratio Lower Upper
83 100
85 63.4 46.5 86.3
127 9.0 8.1 12.1

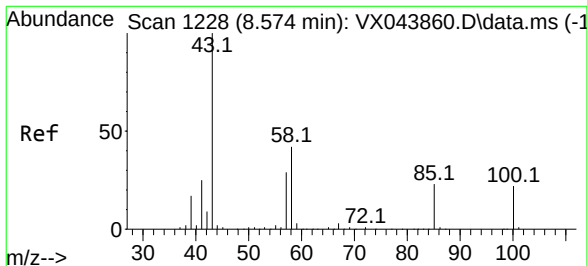
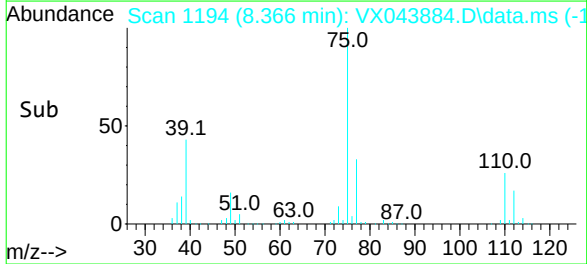
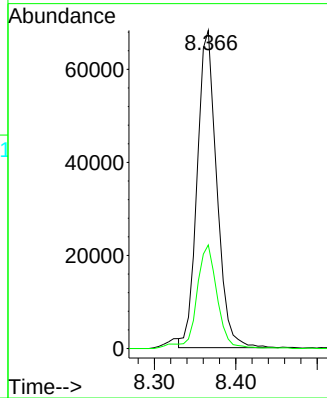
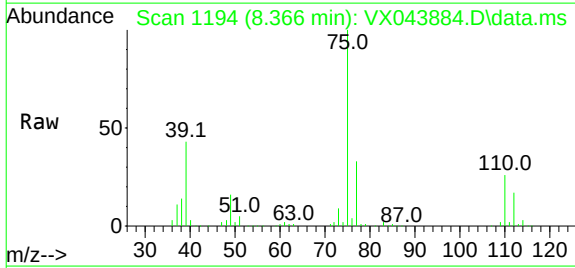




#39
cis-1,3-Dichloropropene
Concen: 48.128 ug/L
RT: 8.366 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

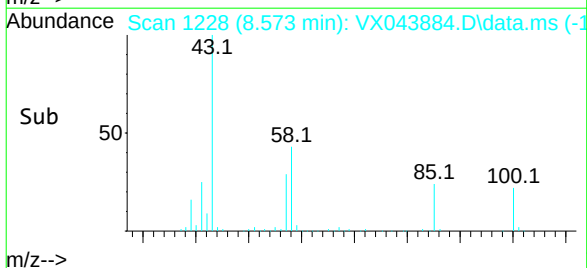
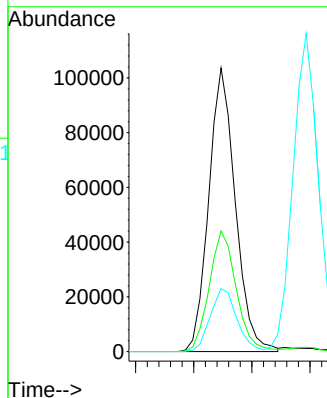
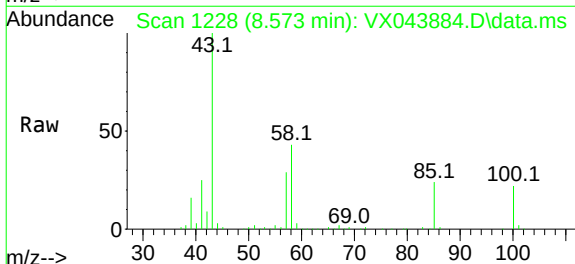
Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

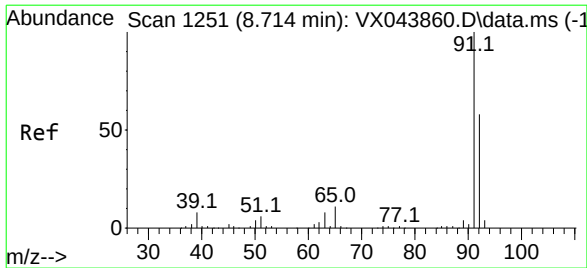
Tgt Ion: 75 Resp: 113768
Ion Ratio Lower Upper
75 100
77 32.6 23.7 44.1



#40
4-Methyl-2-pentanone
Concen: 99.977 ug/L
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion: 43 Resp: 164534
Ion Ratio Lower Upper
43 100
58 43.3 34.0 51.0
100 22.2 17.2 25.8





#42

Toluene

Concen: 47.997 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

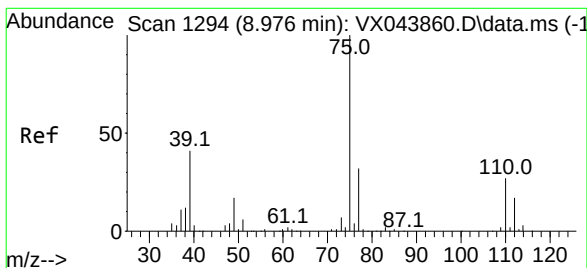
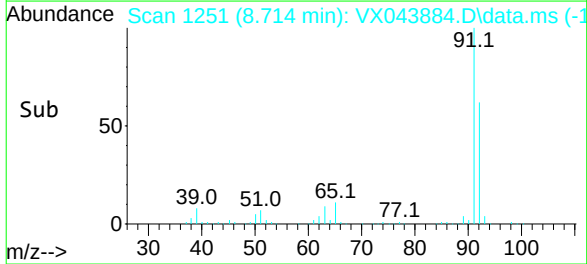
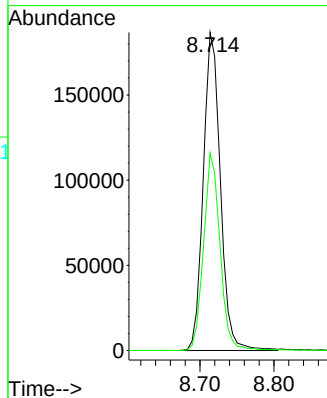
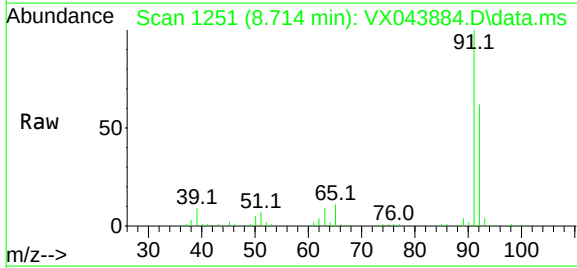
E27N6MSD

Tgt Ion: 91 Resp: 299775

Ion Ratio Lower Upper

91 100

92 62.1 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 49.803 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043884.D

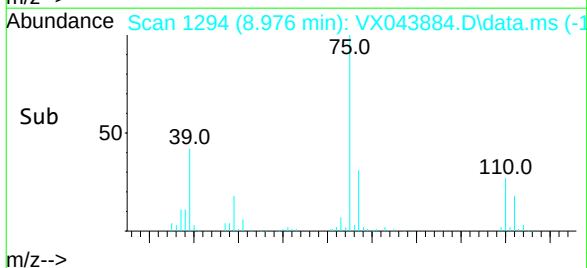
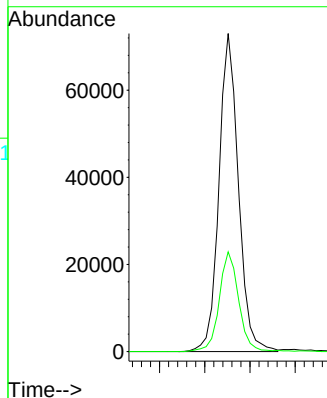
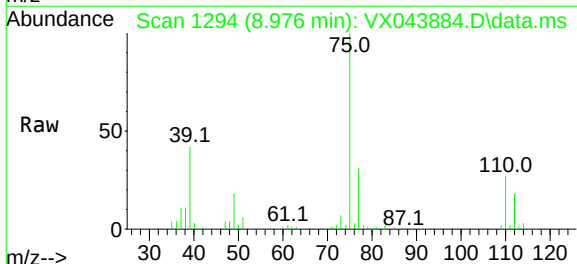
Acq: 15 Nov 2024 18:22

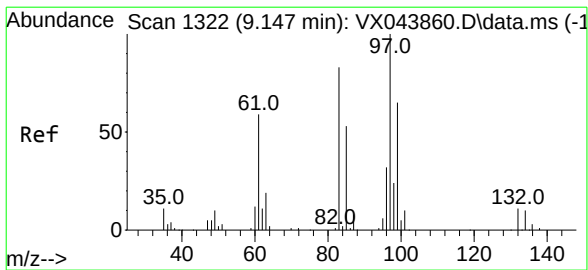
Tgt Ion: 75 Resp: 109196

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 48.009 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

E27N6MSD

Tgt Ion: 97 Resp: 77250

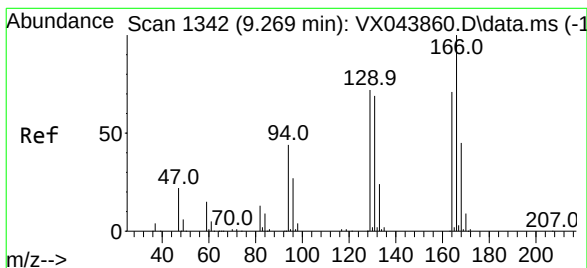
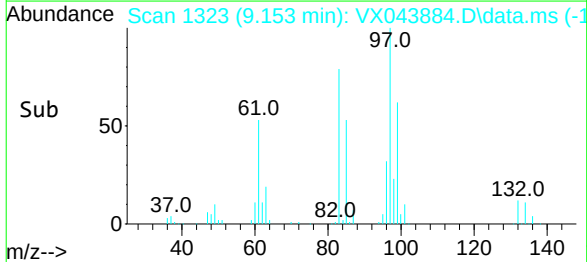
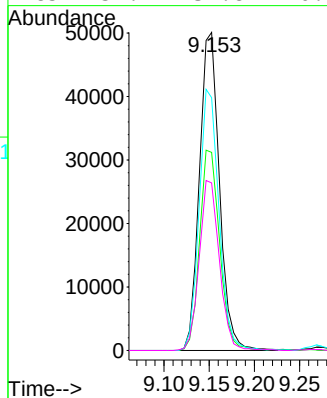
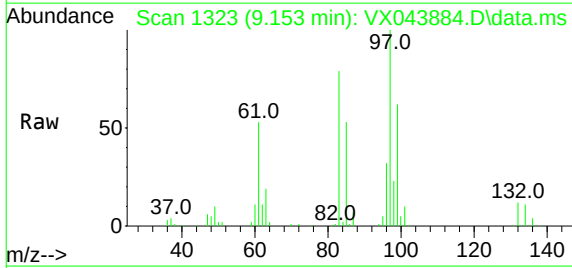
Ion Ratio Lower Upper

97 100

99 62.3 42.1 78.1

83 79.5 56.9 105.7

85 52.7 37.8 70.2



#46

Tetrachloroethene

Concen: 46.527 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Tgt Ion: 164 Resp: 63582

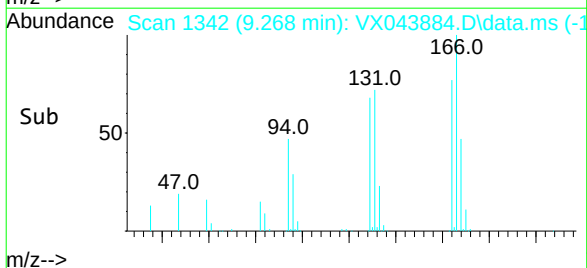
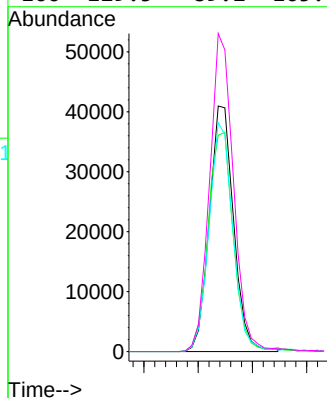
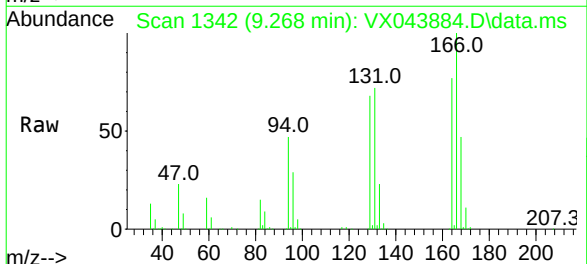
Ion Ratio Lower Upper

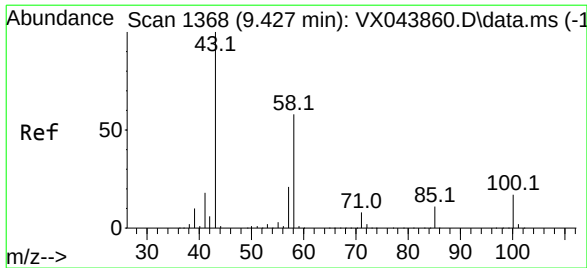
164 100

129 88.1 68.9 127.9

131 93.2 62.6 116.2

166 129.5 89.2 165.6

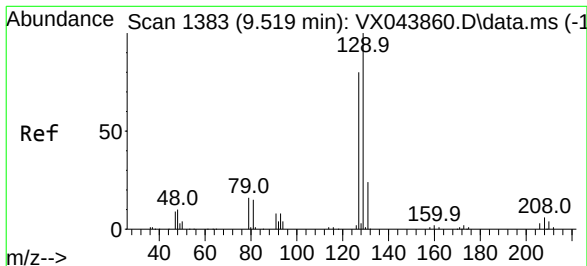
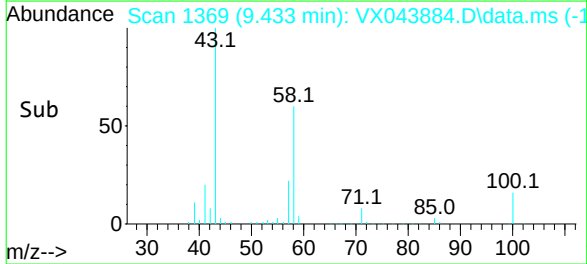
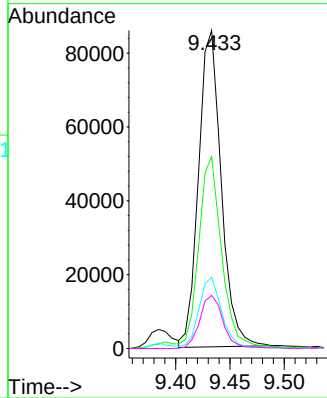
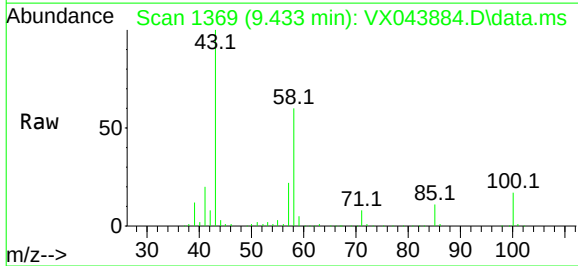




#48
2-Hexanone
Concen: 92.072 ug/L
RT: 9.433 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

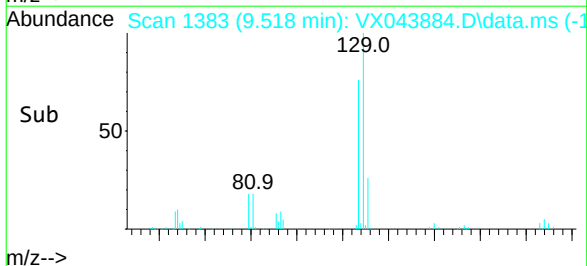
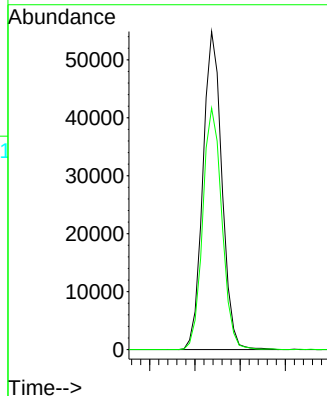
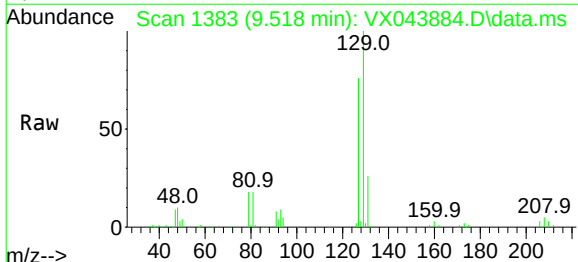
Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

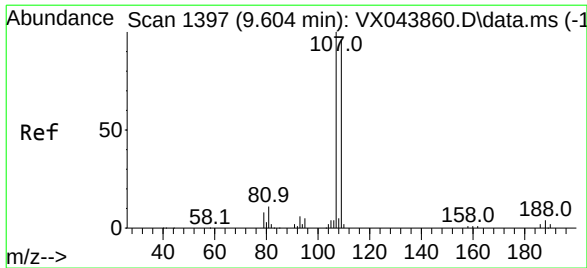
Tgt Ion:	43	Resp:	124711
Ion	Ratio	Lower	Upper
43	100		
58	61.6	47.8	71.6
57	23.0	16.6	24.8
100	16.9	13.7	20.5



#49
Dibromochloromethane
Concen: 50.723 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion:	129	Resp:	80270
Ion	Ratio	Lower	Upper
129	100		
127	75.9	53.3	99.1

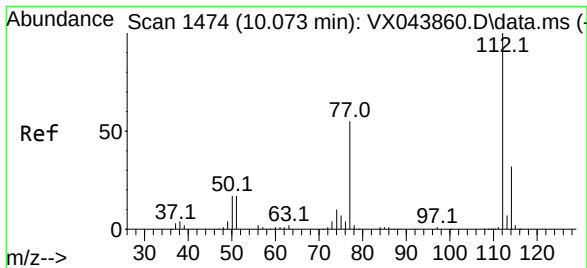
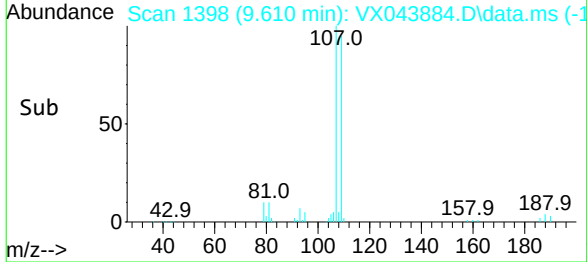
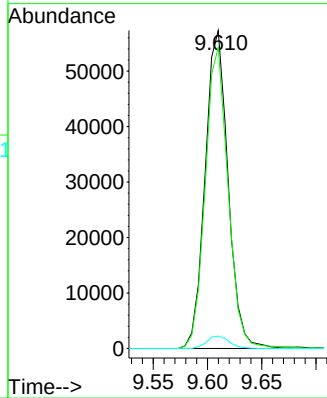
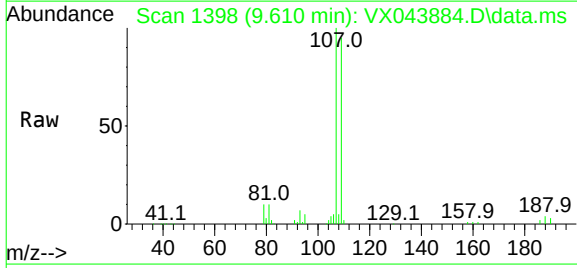




#50
1,2-Dibromoethane
Concen: 48.652 ug/L
RT: 9.610 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

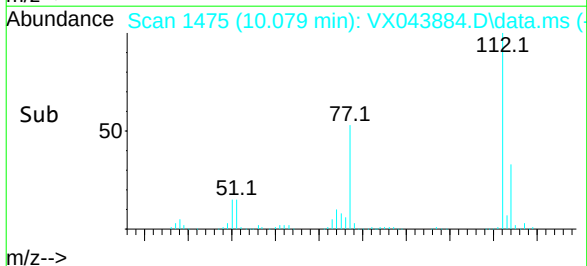
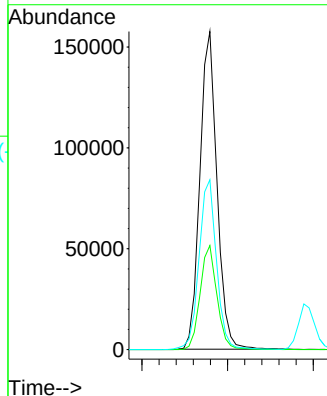
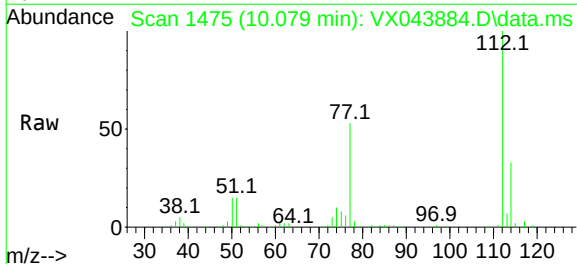
Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

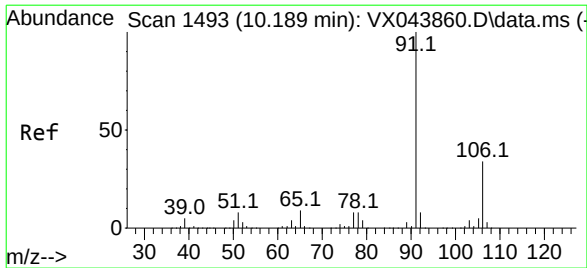
Tgt Ion:107 Resp: 84167
Ion Ratio Lower Upper
107 100
109 94.7 66.6 123.8
188 3.9 3.4 5.0



#51
Chlorobenzene
Concen: 51.170 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion:112 Resp: 218343
Ion Ratio Lower Upper
112 100
114 32.7 22.2 41.2
77 53.4 42.4 63.6





#52

Ethylbenzene

Concen: 50.277 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

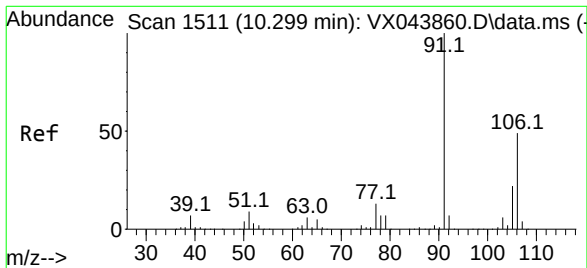
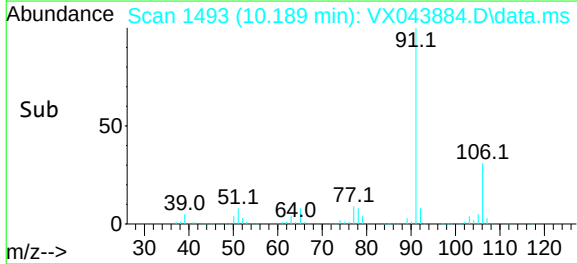
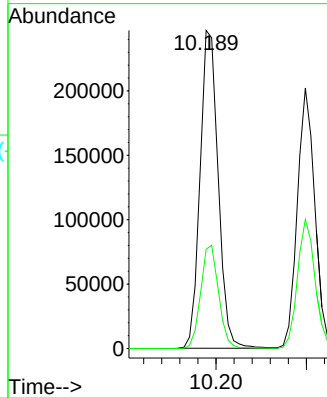
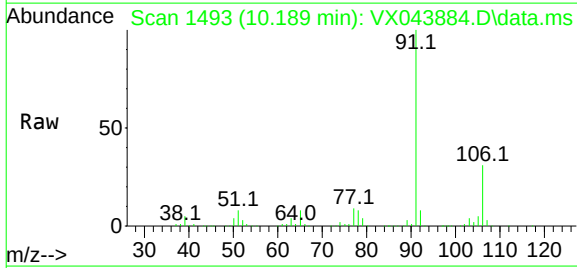
E27N6MSD

Tgt Ion: 91 Resp: 343518

Ion Ratio Lower Upper

91 100

106 31.2 22.7 42.3



#53

m,p-Xylene

Concen: 49.192 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043884.D

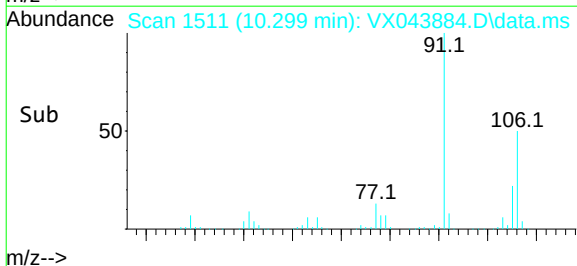
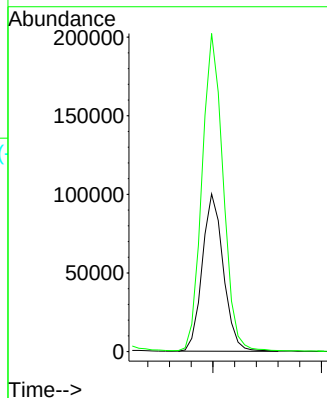
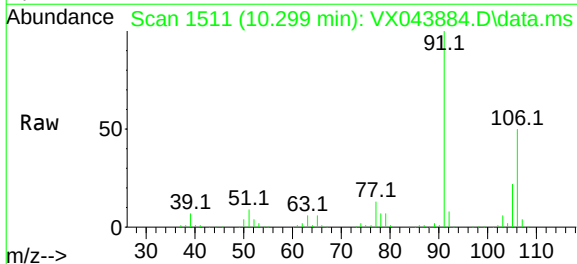
Acq: 15 Nov 2024 18:22

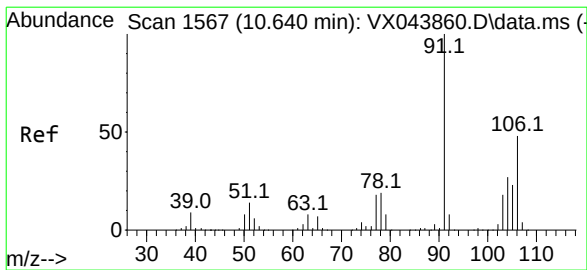
Tgt Ion: 106 Resp: 135118

Ion Ratio Lower Upper

106 100

91 201.8 134.3 249.5





#54

o-Xylene

Concen: 52.099 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

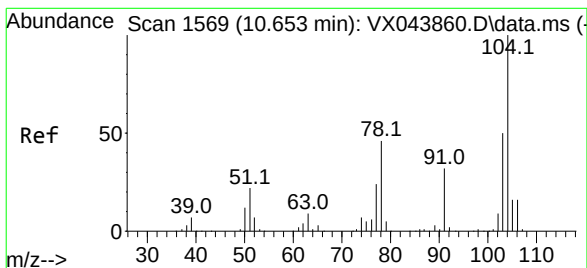
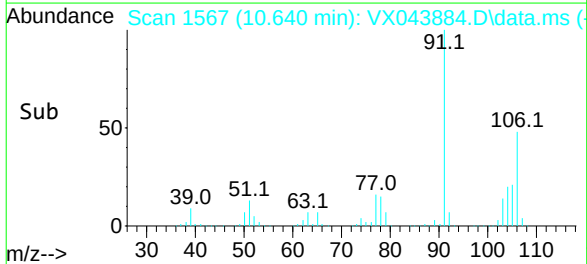
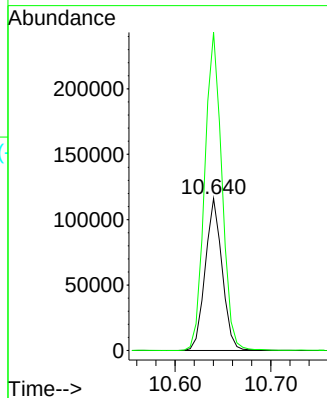
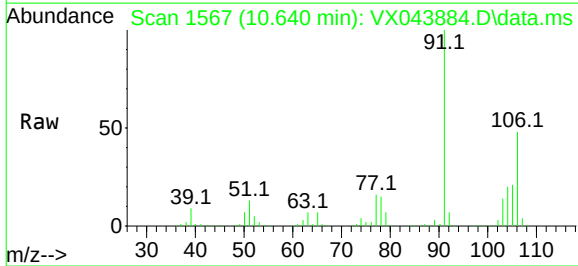
E27N6MSD

Tgt Ion:106 Resp: 142476

Ion Ratio Lower Upper

106 100

91 209.2 149.7 277.9



#55

Styrene

Concen: 53.879 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043884.D

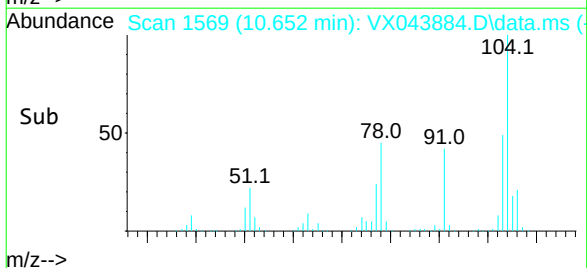
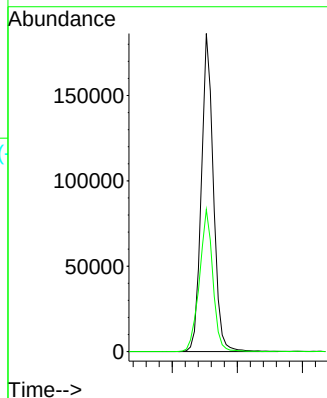
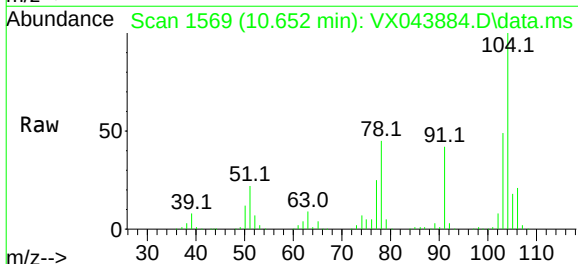
Acq: 15 Nov 2024 18:22

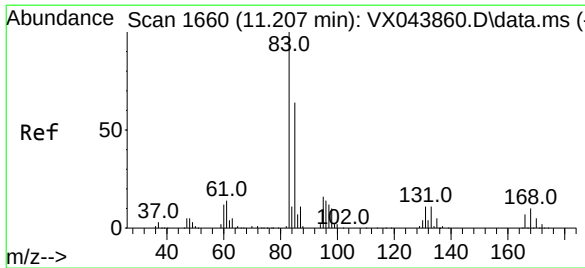
Tgt Ion:104 Resp: 239821

Ion Ratio Lower Upper

104 100

78 44.7 31.6 58.6

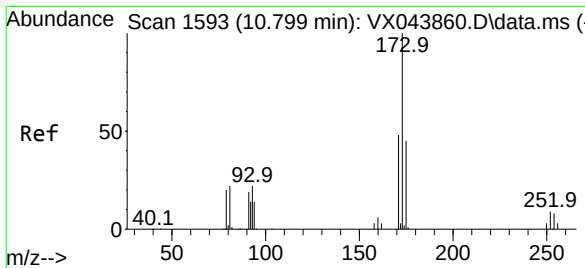
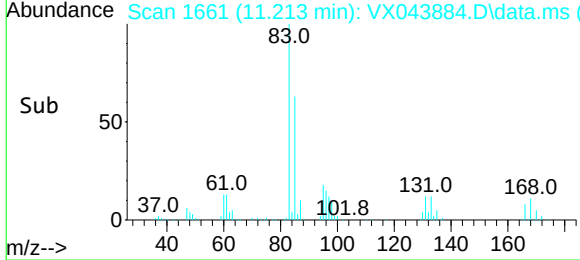
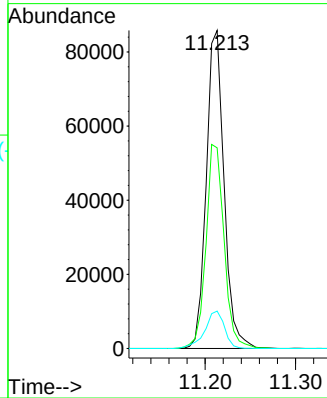
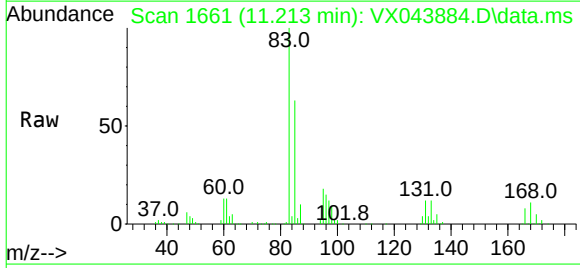




#57
1,1,2,2-Tetrachloroethane
Concen: 50.498 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

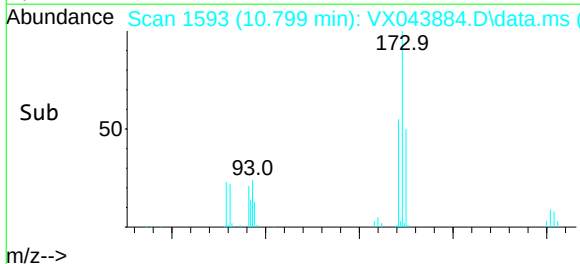
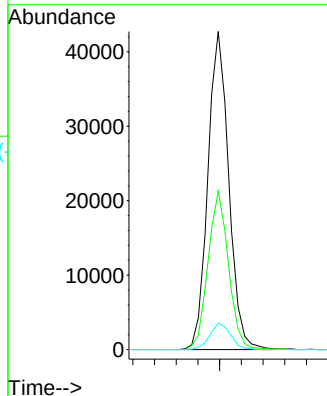
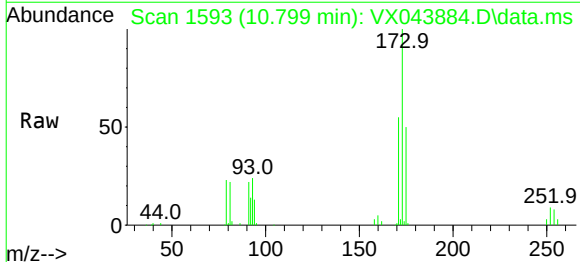
Instrument :
MSVOA_X
ClientSampleId :
E27N6MSD

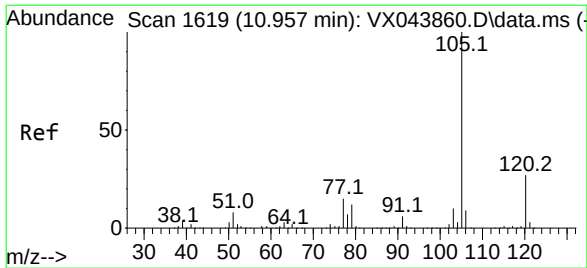
Tgt Ion: 83 Resp: 117192
Ion Ratio Lower Upper
83 100
85 63.1 46.2 85.8
131 11.8 9.2 13.8



#59
Bromoform
Concen: 56.425 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043884.D
Acq: 15 Nov 2024 18:22

Tgt Ion: 173 Resp: 57064
Ion Ratio Lower Upper
173 100
175 48.9 40.0 60.0
254 8.3 7.0 10.4





#60

Isopropylbenzene

Concen: 54.444 ug/L

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

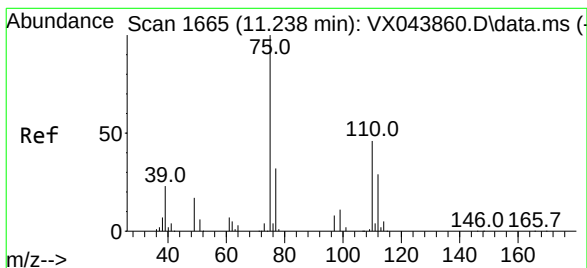
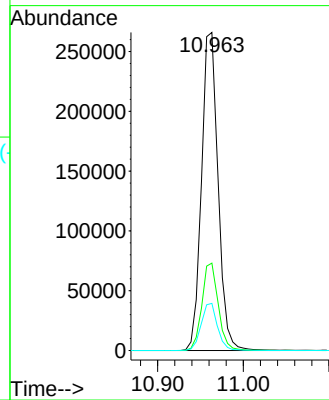
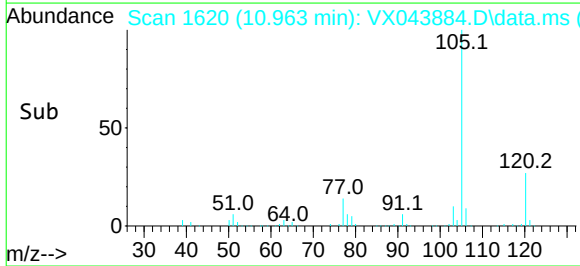
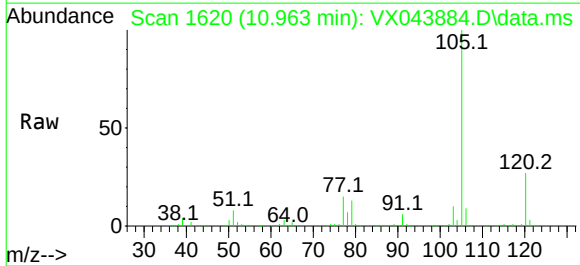
Instrument :

MSVOA_X

ClientSampleId :

E27N6MSD

Tgt Ion:	105	Resp:	357636
Ion	Ratio	Lower	Upper
105	100		
120	27.0	22.4	33.6
77	14.6	11.7	17.5



#61

1,2,3-Trichloropropane

Concen: 54.207 ug/L

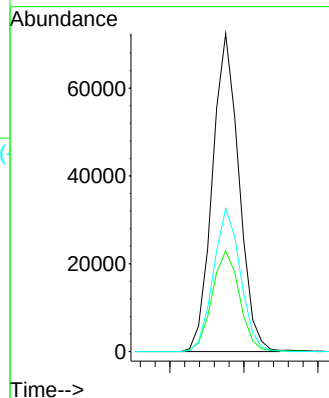
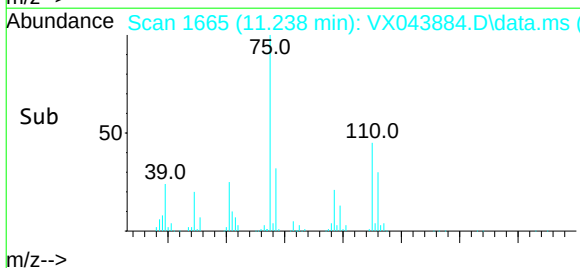
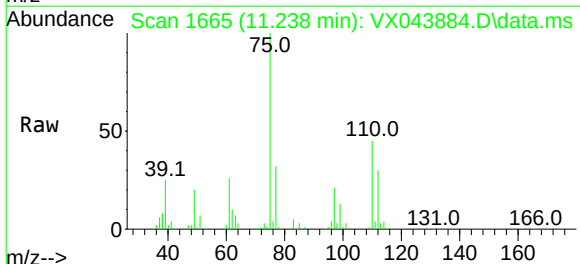
RT: 11.238 min Scan# 1665

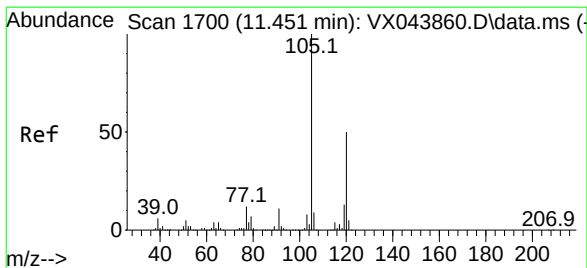
Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Tgt Ion:	75	Resp:	90299
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.7	38.5
110	45.9	37.0	55.6





#62

1,3,5-Trimethylbenzene

Concen: 54.705 ug/L

RT: 11.451 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

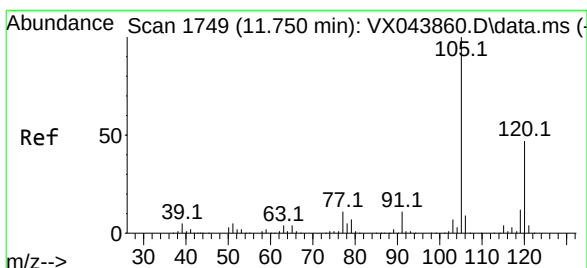
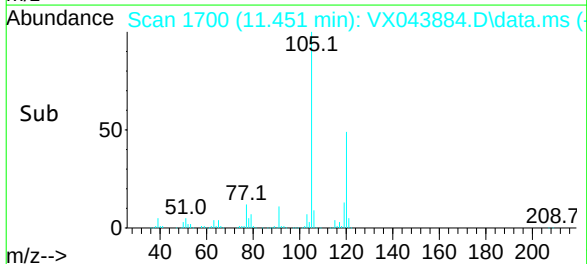
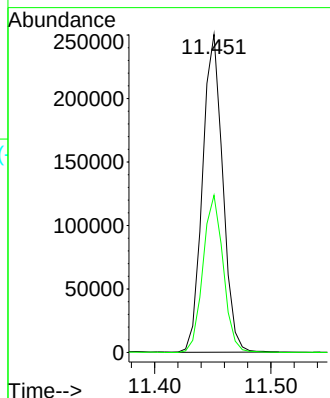
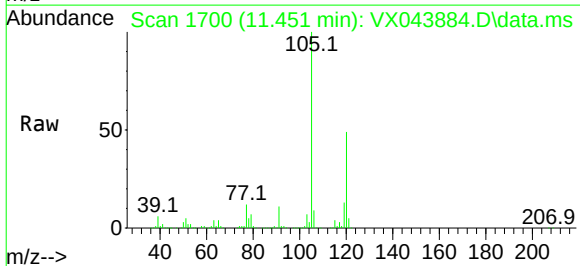
E27N6MSD

Tgt Ion:105 Resp: 302610

Ion Ratio Lower Upper

105 100

120 49.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 54.970 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043884.D

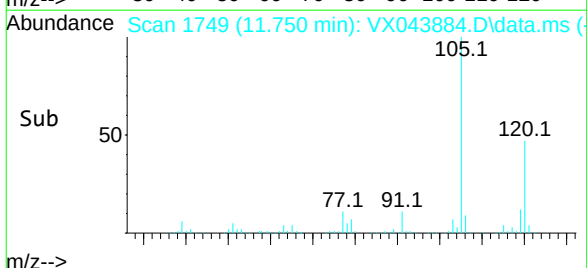
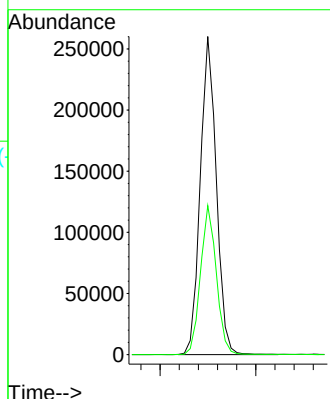
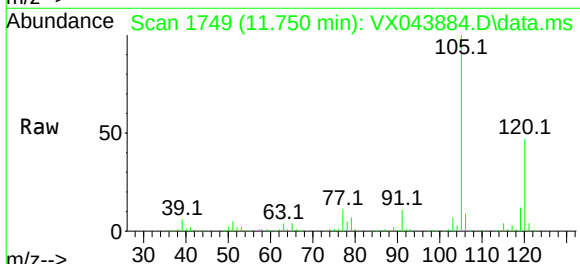
Acq: 15 Nov 2024 18:22

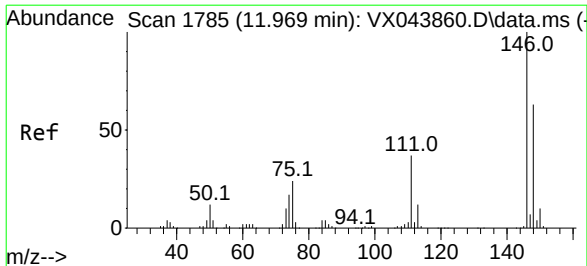
Tgt Ion:105 Resp: 302709

Ion Ratio Lower Upper

105 100

120 46.1 37.6 56.4





#64

1,3-Dichlorobenzene

Concen: 53.872 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

E27N6MSD

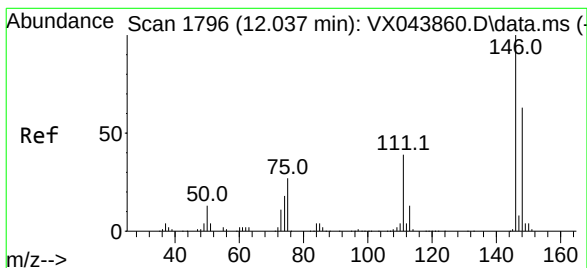
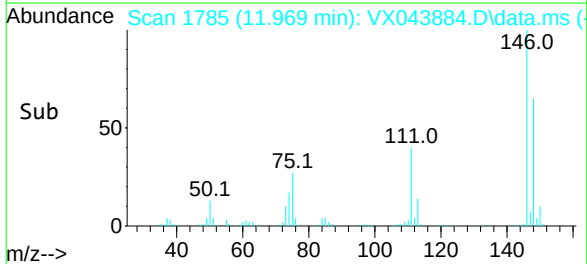
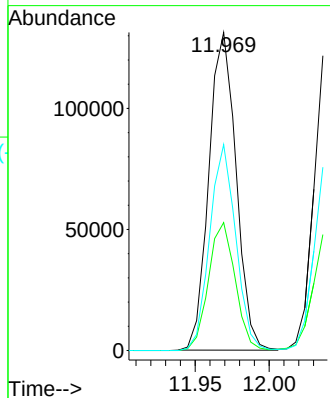
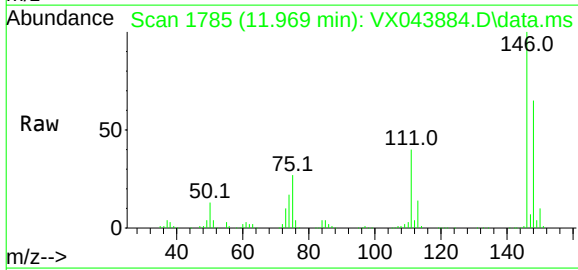
Tgt Ion:146 Resp: 168118

Ion Ratio Lower Upper

146 100

111 40.2 27.2 50.4

148 64.7 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 52.572 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

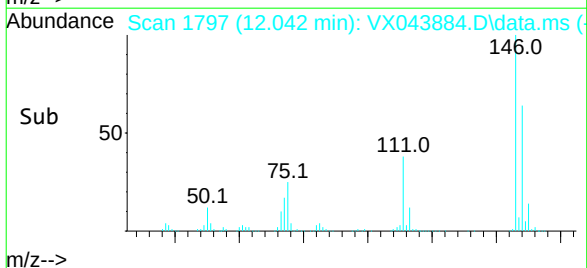
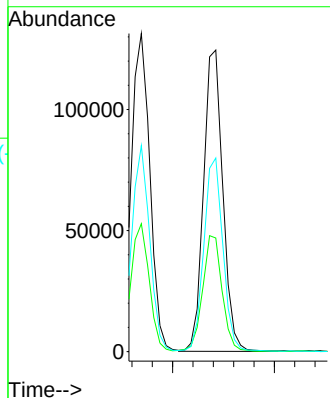
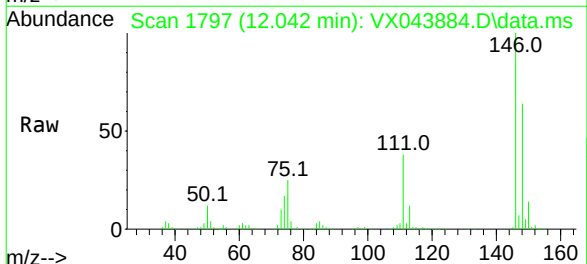
Tgt Ion:146 Resp: 163858

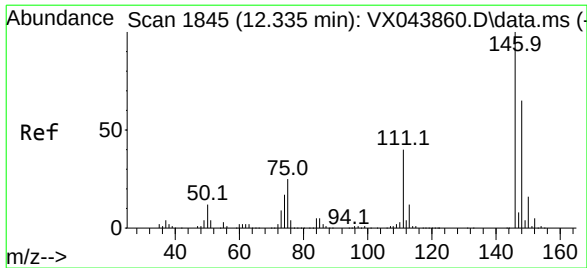
Ion Ratio Lower Upper

146 100

111 37.7 27.5 51.1

148 64.2 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 52.011 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

E27N6MSD

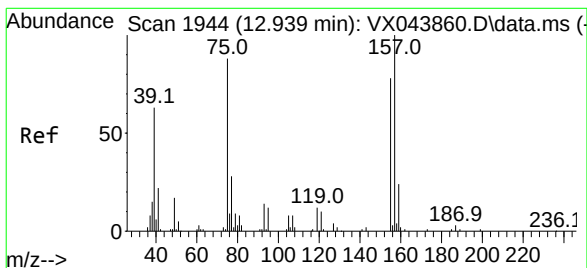
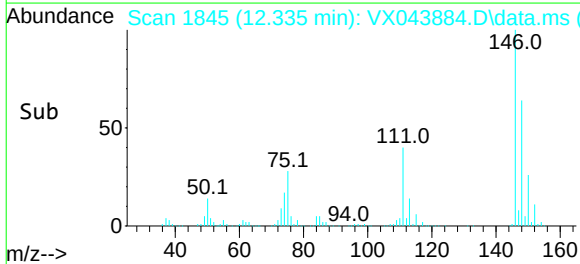
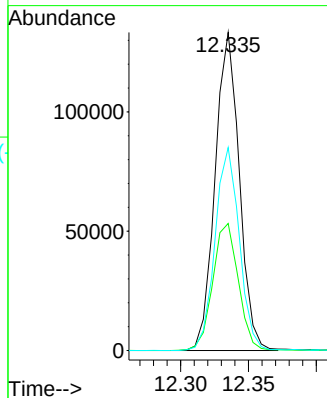
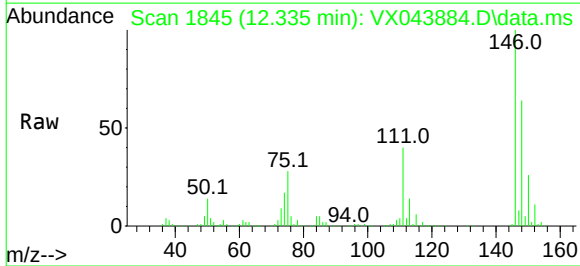
Tgt Ion:146 Resp: 165502

Ion Ratio Lower Upper

146 100

111 39.9 33.0 49.4

148 63.8 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 56.884 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

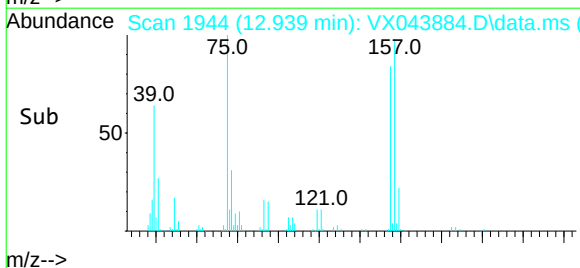
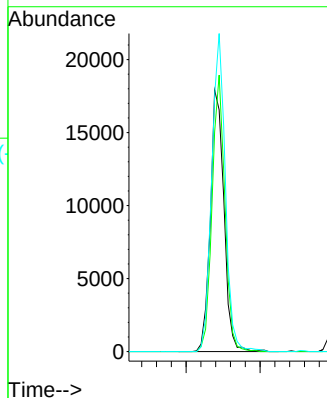
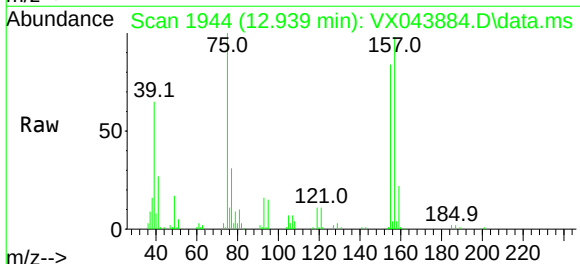
Tgt Ion: 75 Resp: 22900

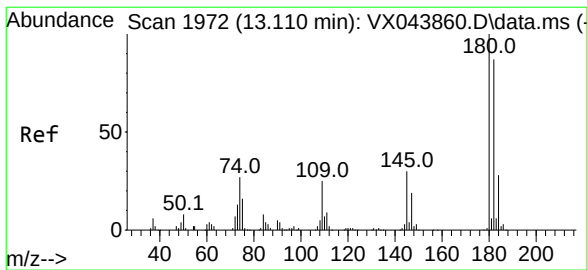
Ion Ratio Lower Upper

75 100

155 84.0 68.7 103.1

157 97.9 87.2 130.8





#69

1,3,5-Trichlorobenzene

Concen: 49.728 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

E27N6MSD

Tgt Ion:180 Resp: 104002

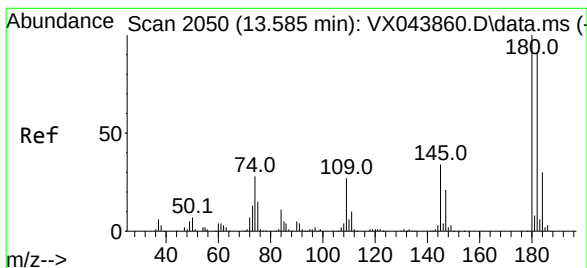
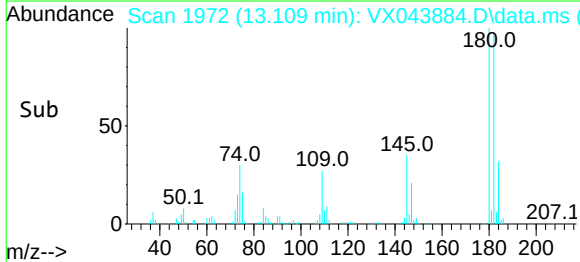
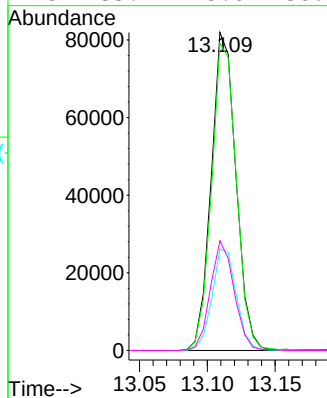
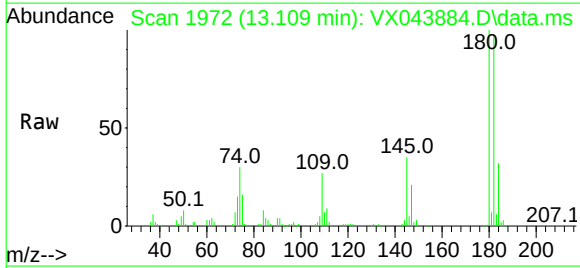
Ion Ratio Lower Upper

180 100

182 96.5 74.5 111.7

184 31.5 23.9 35.9

145 33.2 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 50.081 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

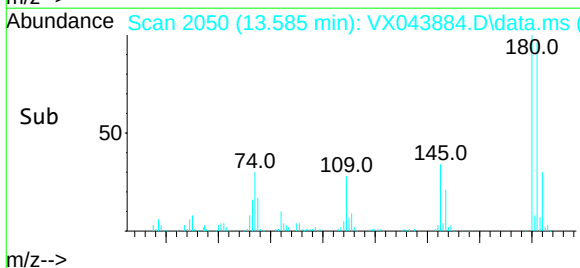
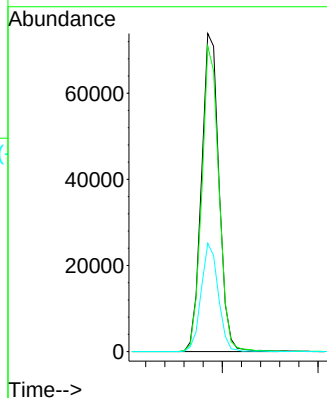
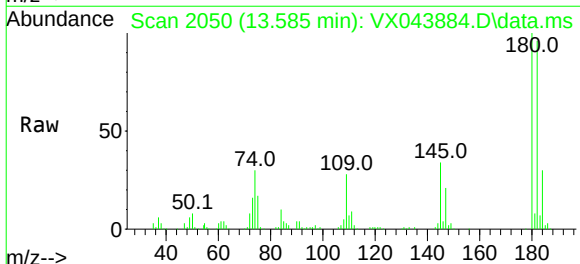
Tgt Ion:180 Resp: 93723

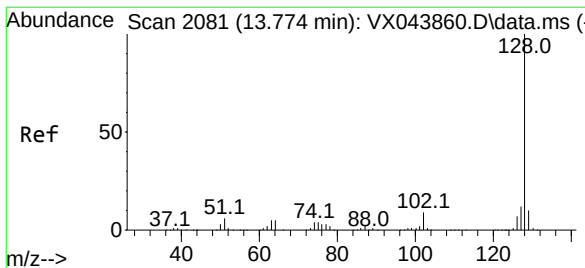
Ion Ratio Lower Upper

180 100

182 94.0 75.7 113.5

145 33.2 26.5 39.7





#71

Naphthalene

Concen: 53.008 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

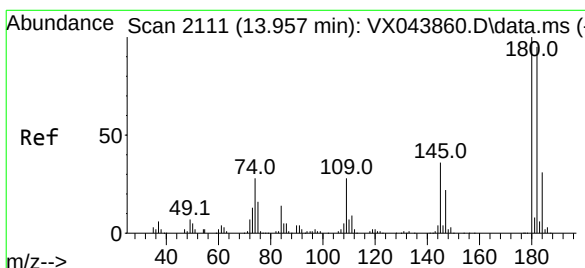
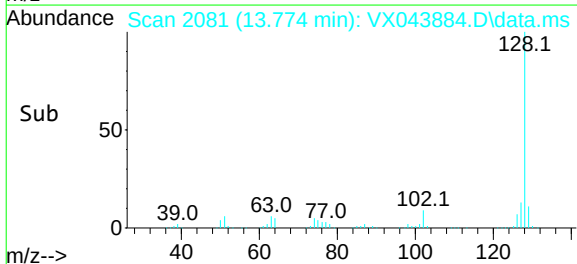
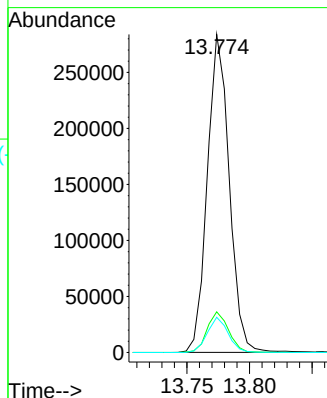
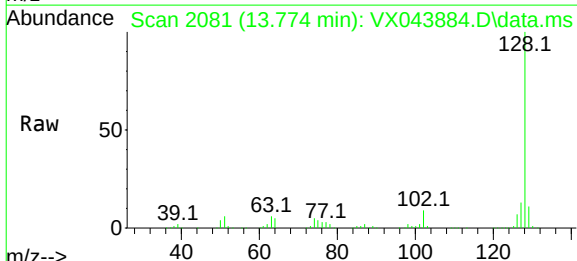
Instrument :

MSVOA_X

ClientSampleId :

E27N6MSD

Tgt Ion:	128	Resp:	345736
Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.8	14.6
129	10.6	8.5	12.7



#72

1,2,3-Trichlorobenzene

Concen: 52.608 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043884.D

Acq: 15 Nov 2024 18:22

Tgt Ion:	180	Resp:	101081
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.7	113.5
145	34.7	27.6	41.4

