

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043905.D
 Acq On : 19 Nov 2024 17:06
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 23:45:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:30:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	371210	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	333347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	121516	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	109194	36.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.740%
7) Chloroethane-d5	1.648	69	45722	36.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.220%
11) 1,1-Dichloroethene-d2	2.294	65	45276	38.039	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.080%
21) 2-Butanone-d5	4.465	46	136924	76.938	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.940%
24) Chloroform-d	5.050	84	210642	38.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.760%
26) 1,2-Dichloroethane-d4	5.952	65	133831	36.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.480%
32) Benzene-d6	5.971	84	403417	36.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	7.306	67	125391	37.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.480%
41) Toluene-d8	8.647	98	364086	37.756	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.520%#
43) trans-1,3-Dichloroprop...	8.952	79	57264	38.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.180%
47) 2-Hexanone-d5	9.385	63	97626	78.702	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.700%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	152916	36.503	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.000%
66) 1,2-Dichlorobenzene-d4	12.317	152	101938	39.521	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.040%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	99754	32.751	ug/L	100
3) Chloromethane	1.295	50	102622	32.952	ug/L	98
5) Vinyl chloride	1.374	62	102968	32.516	ug/L	98
6) Bromomethane	1.593	94	37573	28.490	ug/L	90
8) Chloroethane	1.660	64	39226	27.830	ug/L	98
9) Trichlorofluoromethane	1.868	101	136007	32.100	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	84412	33.423	ug/L	98
12) 1,1-Dichloroethene	2.307	96	75648	32.890	ug/L #	81
13) Acetone	2.386	43	94726	60.549	ug/L	98
14) Carbon disulfide	2.502	76	147123	30.097	ug/L	99
15) Methyl Acetate	2.703	43	93239	31.859	ug/L	99
16) Methylene chloride	2.782	84	89498	33.186	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	78316	31.795	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	295790	32.451	ug/L	99
19) 1,1-Dichloroethane	3.605	63	158969	32.395	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	97691	32.624	ug/L	99
22) 2-Butanone	4.562	43	131622	63.128	ug/L	96
23) Bromochloromethane	4.898	128	48516	31.480	ug/L	99
25) Chloroform	5.087	83	174653	32.591	ug/L	95

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 Response via : Initial Calibration

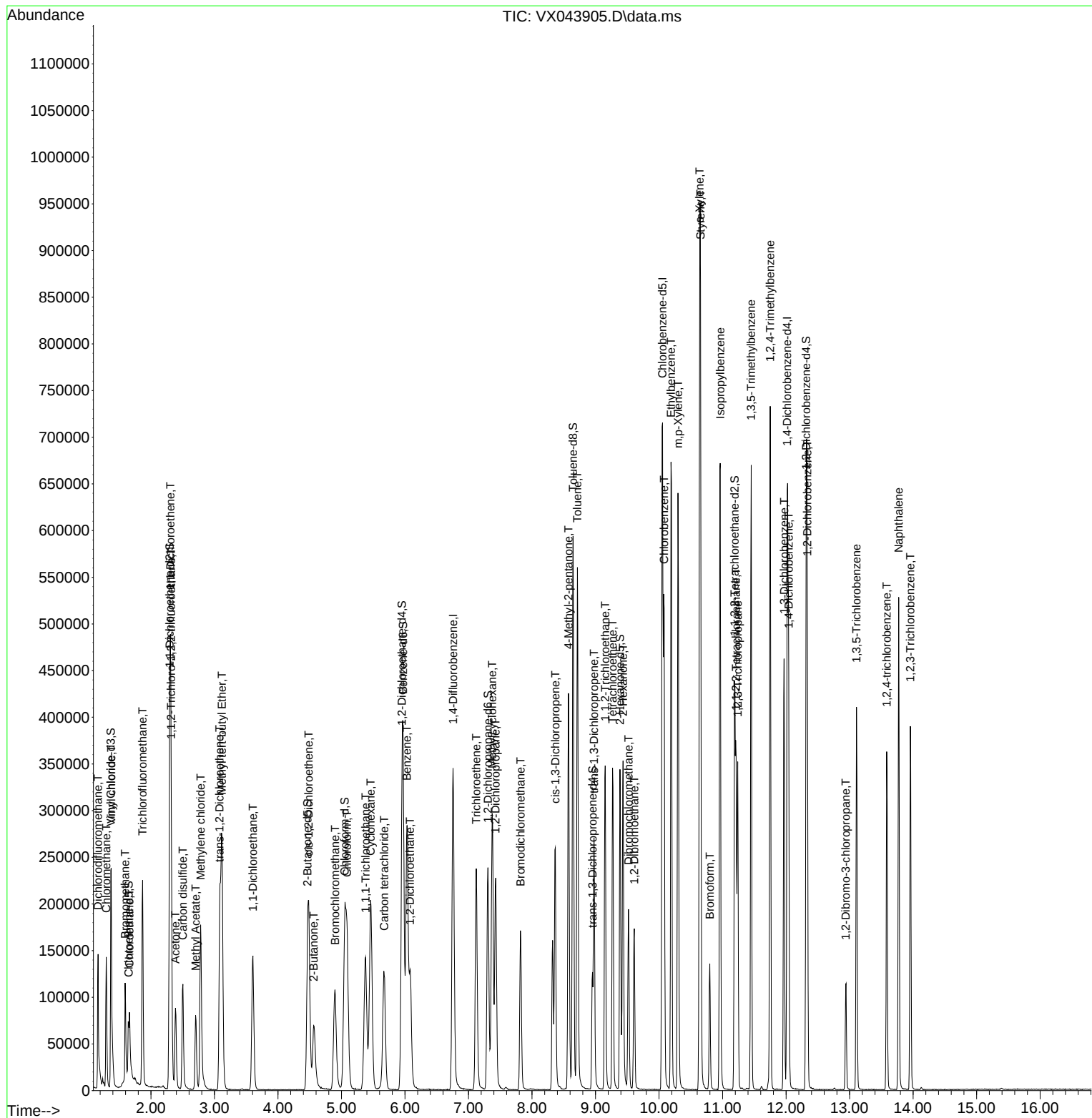
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	135996	32.175	ug/L	98
29) Cyclohexane	5.458	56	139004	32.058	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	144472	31.410	ug/L	98
31) Carbon tetrachloride	5.672	117	116539	31.237	ug/L	99
33) Benzene	6.031	78	355772	31.927	ug/L	100
34) Trichloroethene	7.123	95	92666	30.301	ug/L	97
35) Methylcyclohexane	7.373	83	137686	32.930	ug/L	98
37) 1,2-Dichloropropane	7.428	63	92771	32.078	ug/L	99
38) Bromodichloromethane	7.818	83	114041	31.443	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	145980	32.033	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	251984	63.643	ug/L	100
42) Toluene	8.714	91	366657	32.651	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	134603	32.859	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	96446	33.913	ug/L	98
46) Tetrachloroethene	9.269	164	66707	33.476	ug/L	97
48) 2-Hexanone	9.433	43	193233	64.653	ug/L	99
49) Dibromochloromethane	9.519	129	85163	32.393	ug/L	99
50) 1,2-Dibromoethane	9.610	107	98361	32.834	ug/L	98
51) Chlorobenzene	10.080	112	239575	34.394	ug/L	96
52) Ethylbenzene	10.189	91	405293	34.241	ug/L	99
53) m,p-Xylene	10.299	106	152649	34.723	ug/L	98
54) o-Xylene	10.640	106	151296	34.183	ug/L	99
55) Styrene	10.653	104	253168	34.554	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	128967	30.295	ug/L	98
59) Bromoform	10.799	173	44095	32.386	ug/L	98
60) Isopropylbenzene	10.964	105	367256	38.351	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	106201	38.357	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	274580	36.293	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	296828	39.349	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	138668	34.514	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	138158	34.630	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	140796	33.846	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	22193	32.027	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	87811	33.872	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	77841	32.565	ug/L	98
71) Naphthalene	13.774	128	300423	33.785	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	82854	34.401	ug/L	97

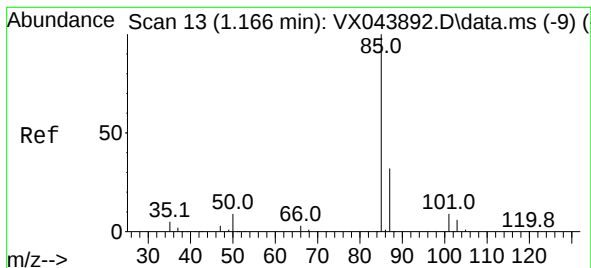
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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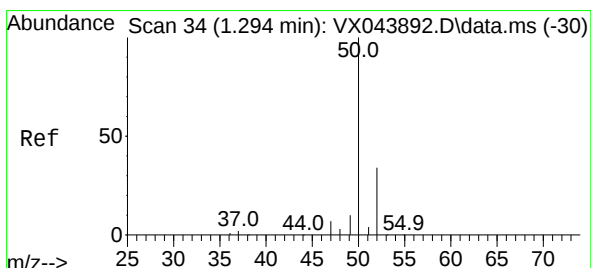
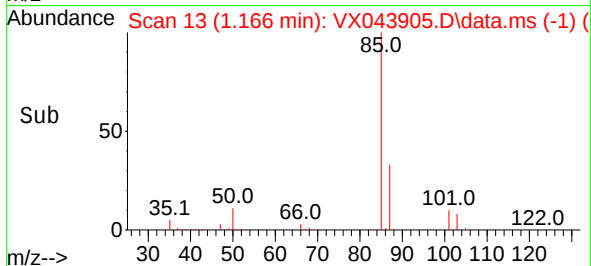
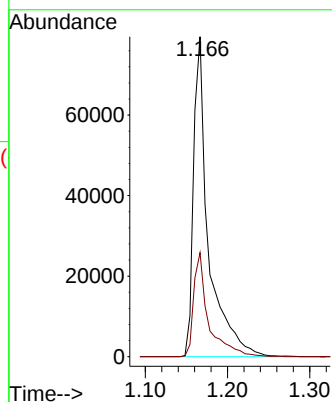
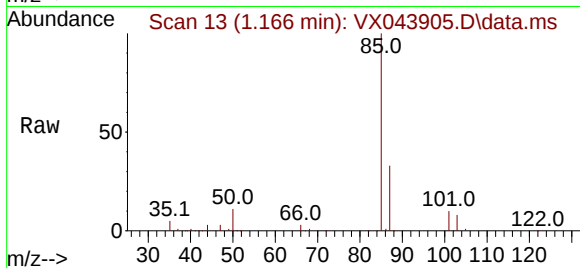




#2
Dichlorodifluoromethane
Concen: 32.751 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

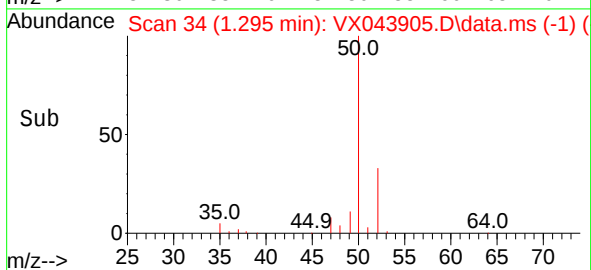
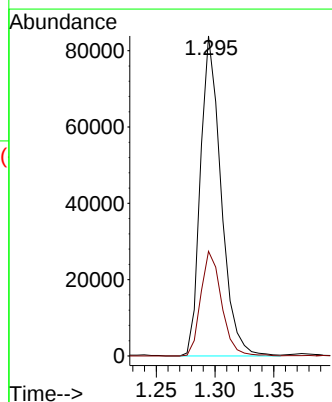
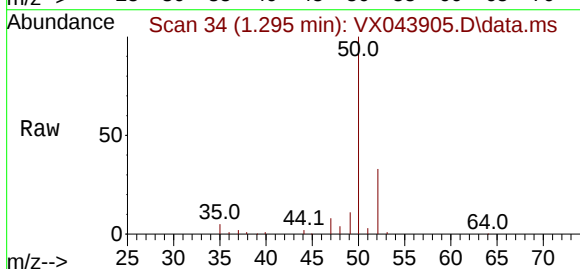
Instrument :
MSVOA_X
ClientSampleId :

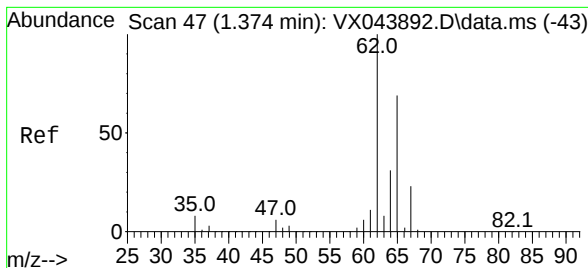
Tgt Ion: 85 Resp: 99754
Ion Ratio Lower Upper
85 100
87 32.4 26.1 39.1



#3
Chloromethane
Concen: 32.952 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

Tgt Ion: 50 Resp: 102622
Ion Ratio Lower Upper
50 100
52 32.7 23.9 44.3

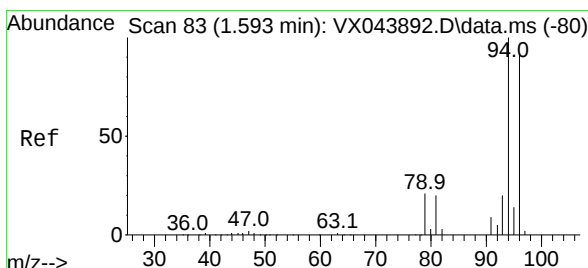
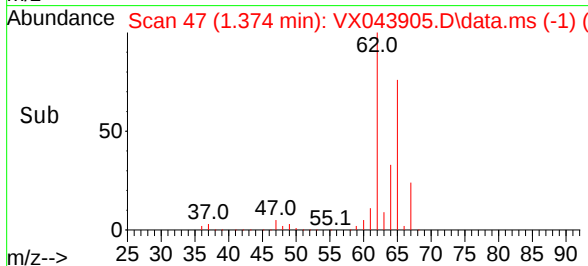
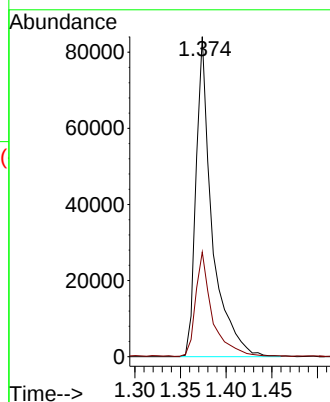
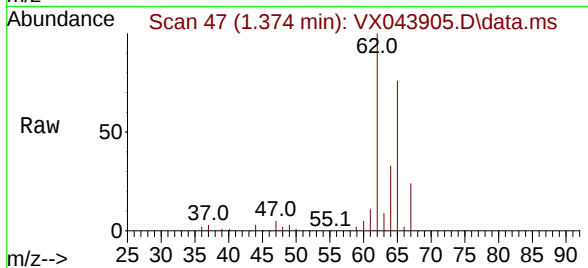




#5
Vinyl chloride
Concen: 32.516 ug/L
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

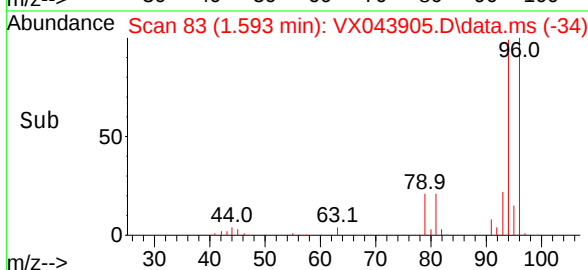
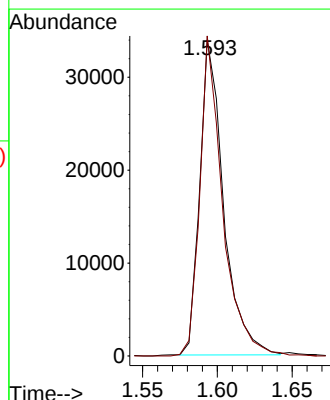
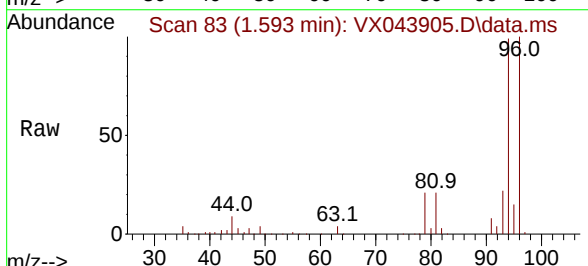
Instrument :
MSVOA_X
ClientSampleId :

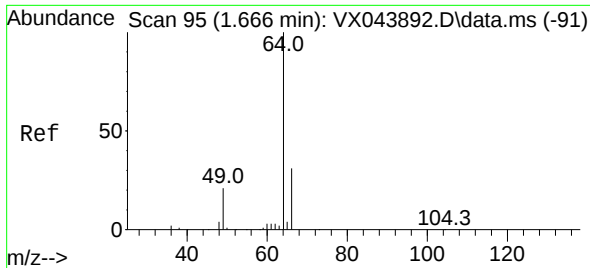
Tgt Ion: 62 Resp: 102968
Ion Ratio Lower Upper
62 100
64 32.7 22.2 41.2



#6
Bromomethane
Concen: 28.490 ug/L
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

Tgt Ion: 94 Resp: 37573
Ion Ratio Lower Upper
94 100
96 101.3 64.2 119.2

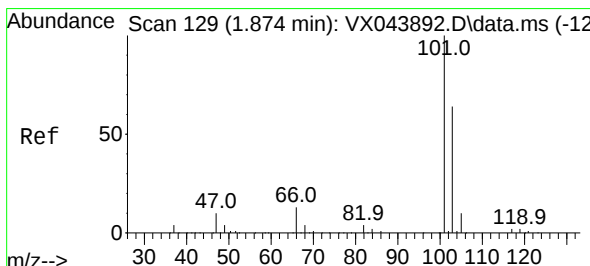
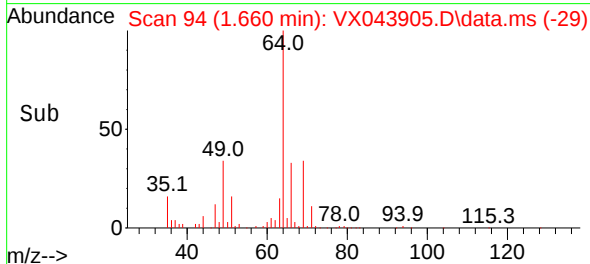
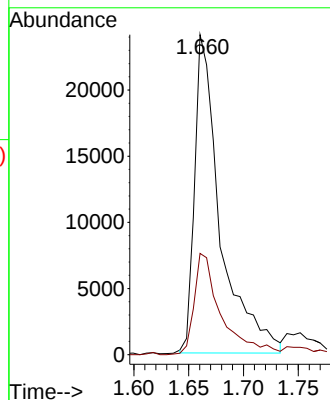
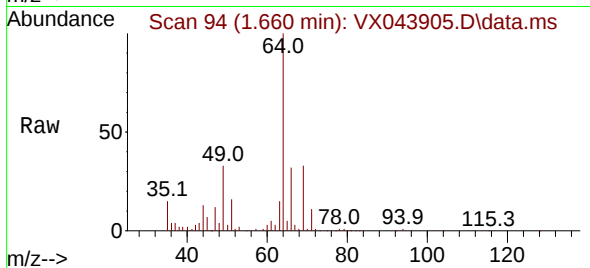




#8
Chloroethane
Concen: 27.830 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

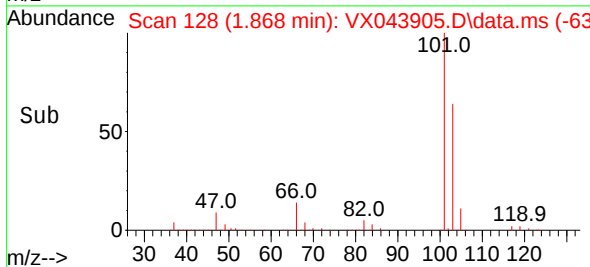
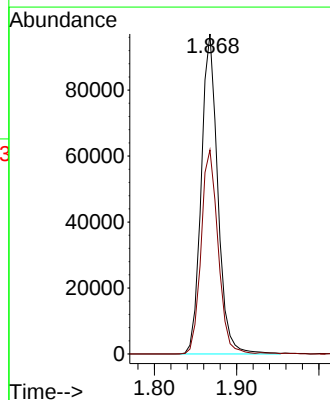
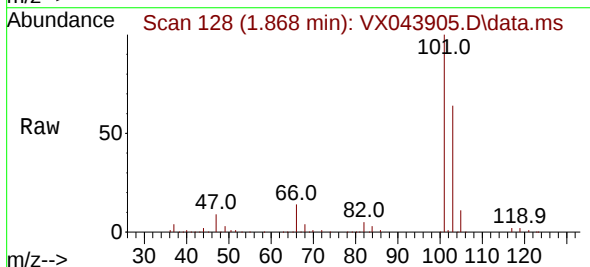
Instrument :
MSVOA_X
ClientSampleId :

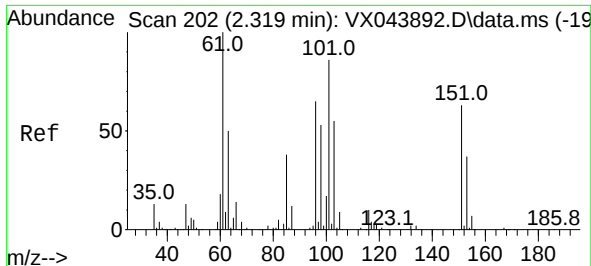
Tgt Ion: 64 Resp: 39226
Ion Ratio Lower Upper
64 100
66 31.7 21.5 39.9



#9
Trichlorofluoromethane
Concen: 32.100 ug/L
RT: 1.868 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

Tgt Ion:101 Resp: 136007
Ion Ratio Lower Upper
101 100
103 65.0 50.8 76.2

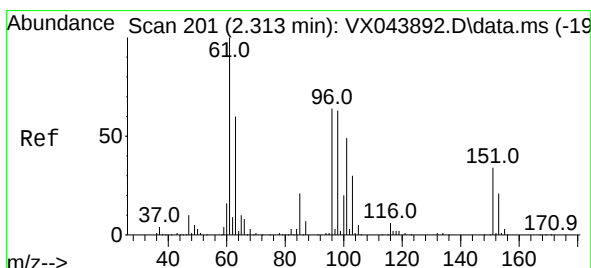
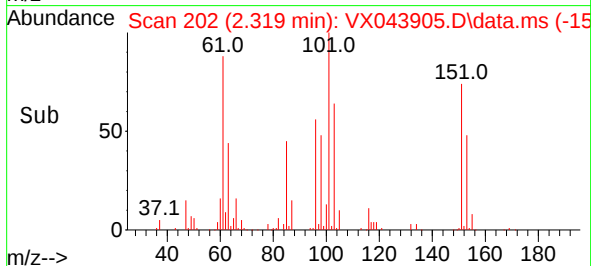
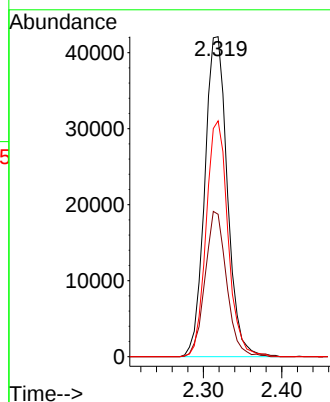
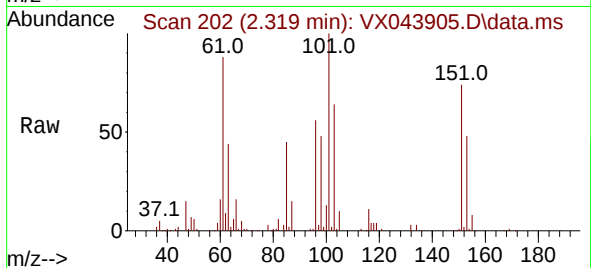




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 33.423 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

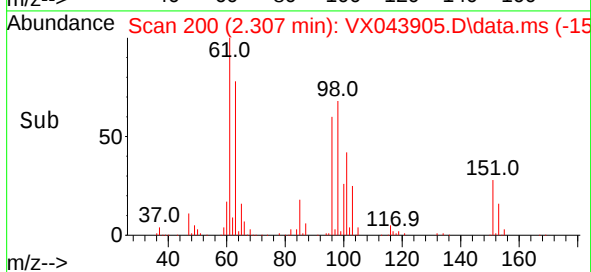
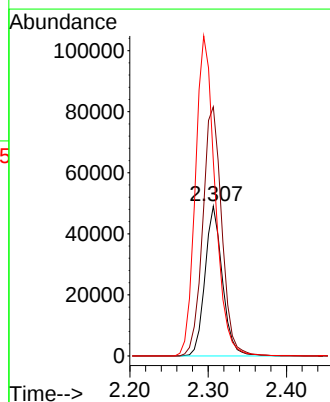
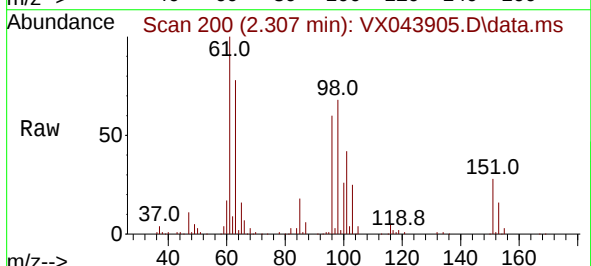
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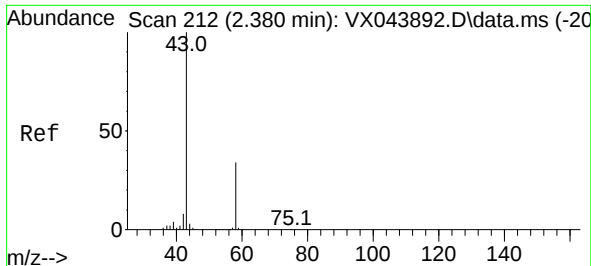
Tgt Ion:101 Resp: 84412
Ion Ratio Lower Upper
101 100
85 43.2 33.9 50.9
151 71.3 58.5 87.7



#12
1,1-Dichloroethene
Concen: 32.890 ug/L
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

Tgt Ion: 96 Resp: 75648
Ion Ratio Lower Upper
96 100
61 166.3 109.3 203.1
63 130.3 65.7 122.1#





#13

Acetone

Concen: 60.549 ug/L

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

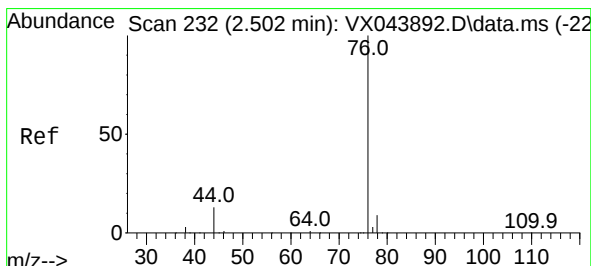
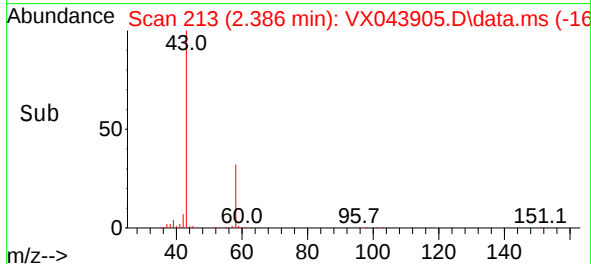
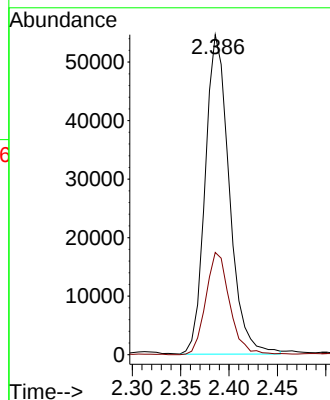
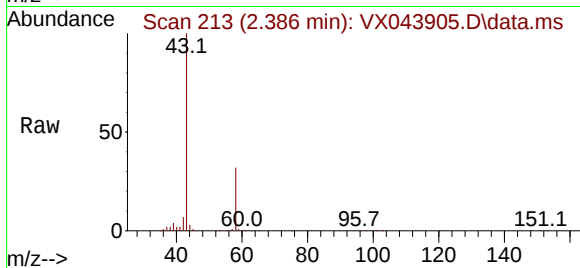
ClientSampleId :

Tgt Ion: 43 Resp: 94726

Ion Ratio Lower Upper

43 100

58 31.6 0.0 66.0



#14

Carbon disulfide

Concen: 30.097 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX043905.D

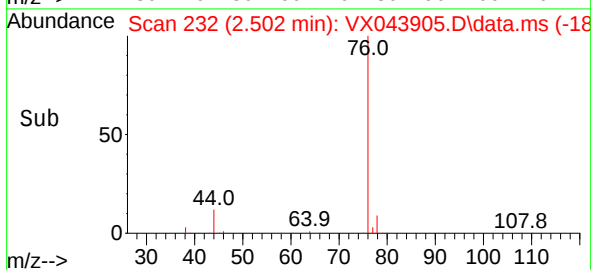
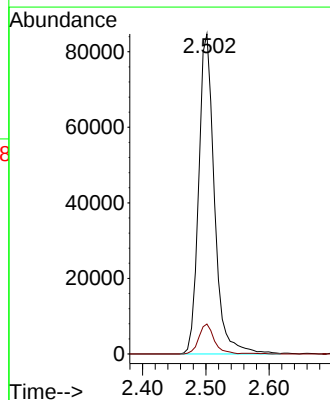
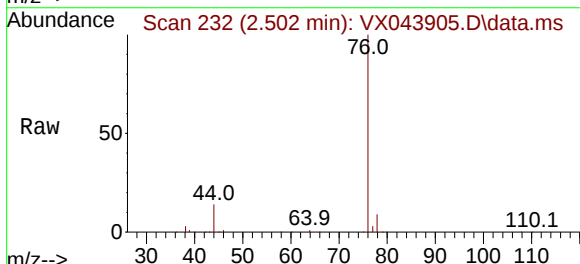
Acq: 19 Nov 2024 17:06

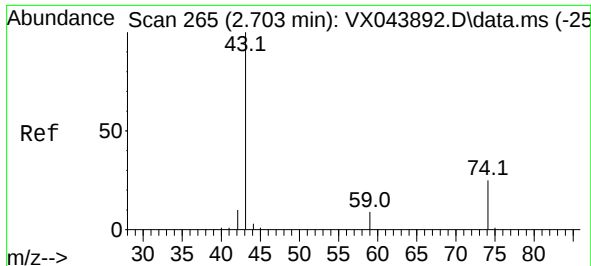
Tgt Ion: 76 Resp: 147123

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8





#15

Methyl Acetate

Concen: 31.859 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

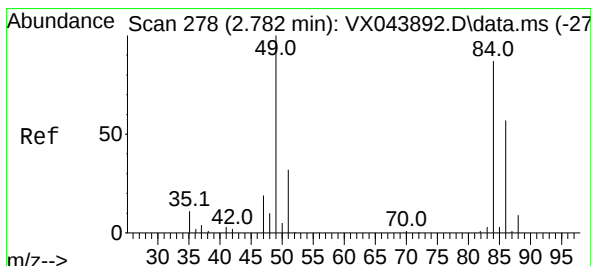
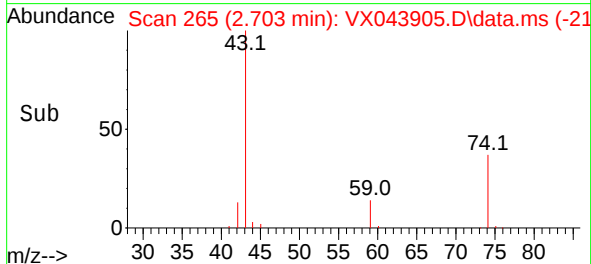
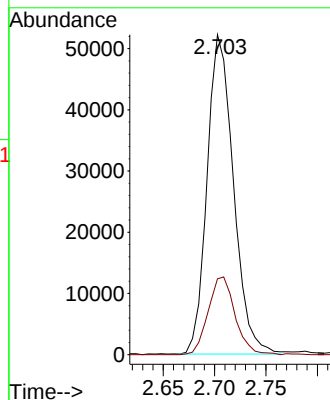
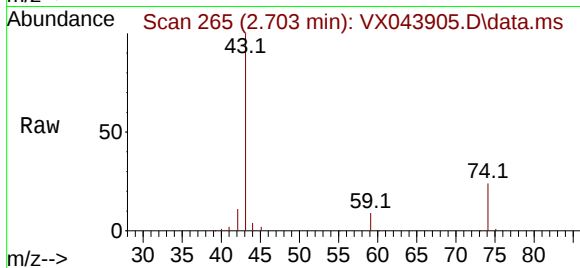
ClientSampleId :

Tgt Ion: 43 Resp: 93239

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.2



#16

Methylene chloride

Concen: 33.186 ug/L

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

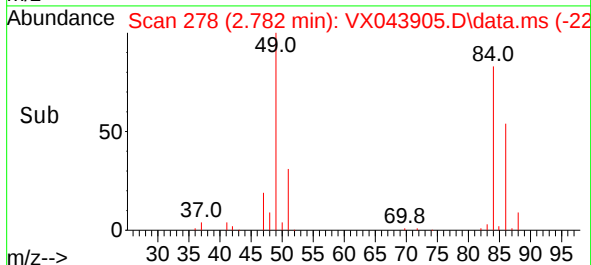
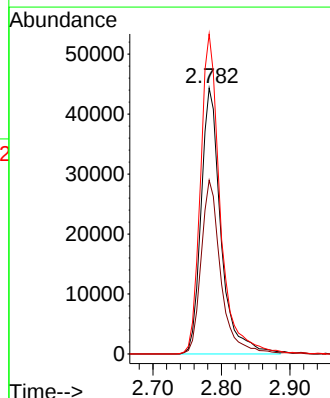
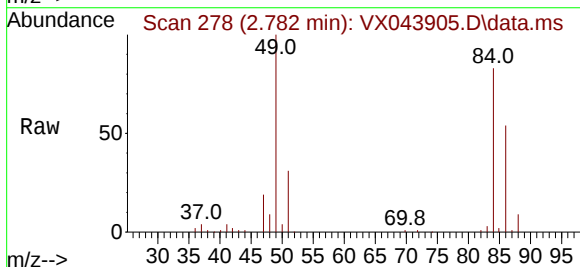
Tgt Ion: 84 Resp: 89498

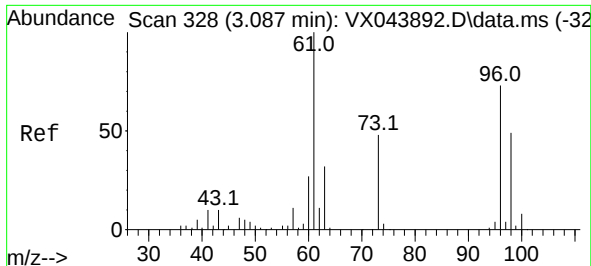
Ion Ratio Lower Upper

84 100

86 65.3 46.0 85.4

49 120.3 80.8 150.2





#17

trans-1,2-Dichloroethene

Concen: 31.795 ug/L

RT: 3.081 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :

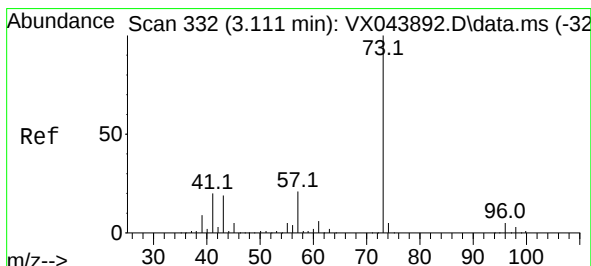
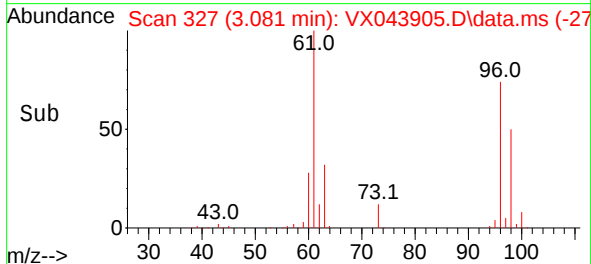
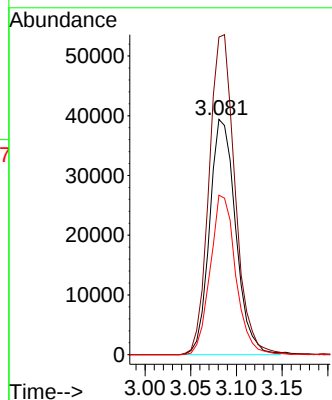
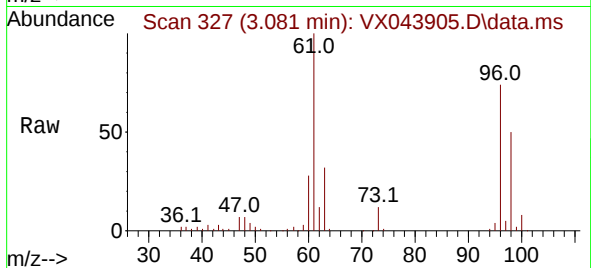
Tgt Ion: 96 Resp: 78316

Ion Ratio Lower Upper

96 100

61 135.0 95.7 177.7

98 67.8 47.2 87.6



#18

Methyl tert-butyl Ether

Concen: 32.451 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

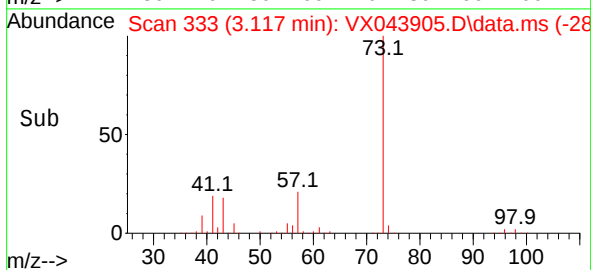
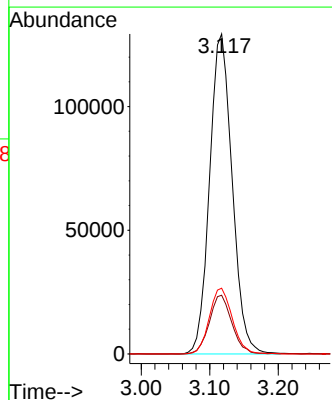
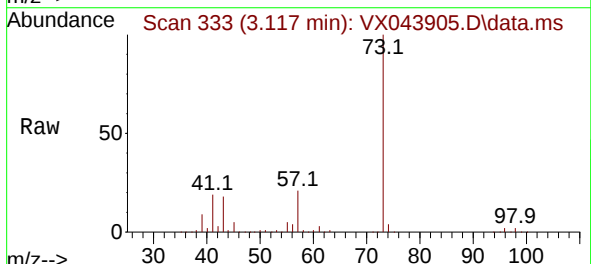
Tgt Ion: 73 Resp: 295790

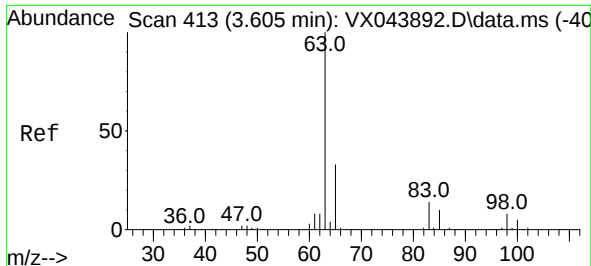
Ion Ratio Lower Upper

73 100

43 18.4 15.2 22.8

57 20.9 17.0 25.6





#19

1,1-Dichloroethane

Concen: 32.395 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :

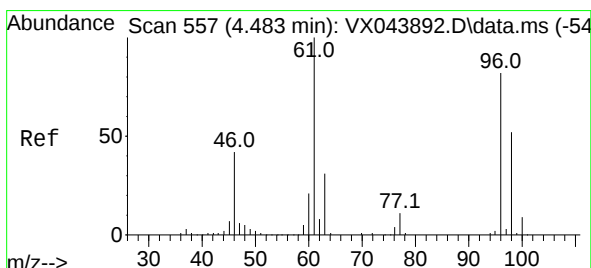
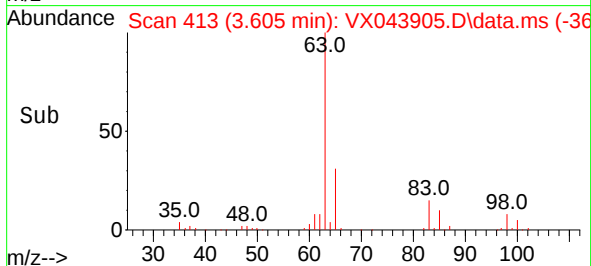
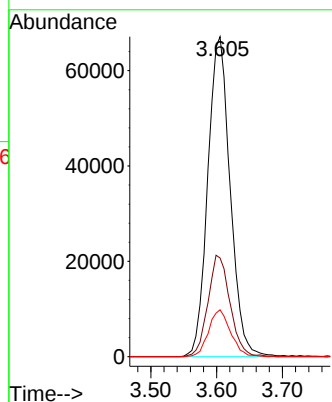
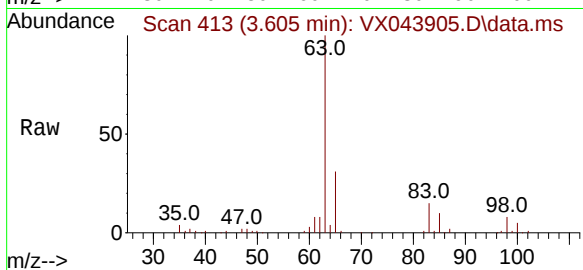
Tgt Ion: 63 Resp: 158969

Ion Ratio Lower Upper

63 100

65 30.9 23.2 43.2

83 14.7 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 32.624 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

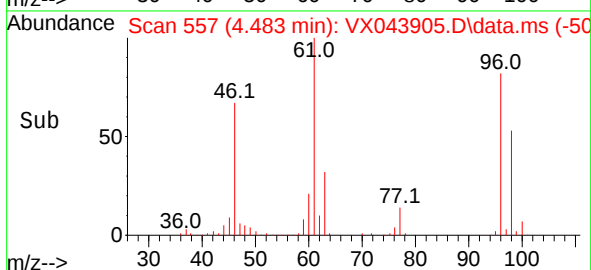
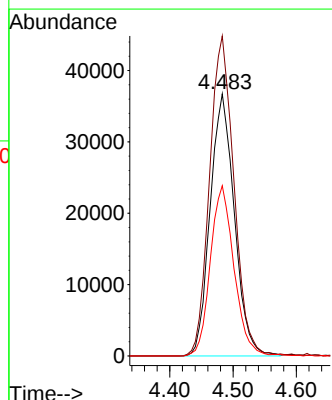
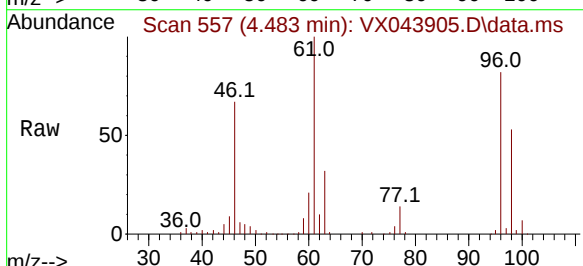
Tgt Ion: 96 Resp: 97691

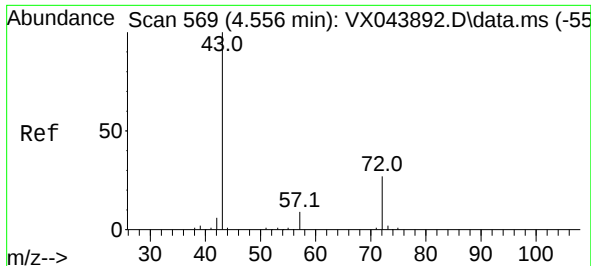
Ion Ratio Lower Upper

96 100

61 122.1 85.0 158.0

98 65.0 44.6 82.8





#22

2-Butanone

Concen: 63.128 ug/L

RT: 4.562 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

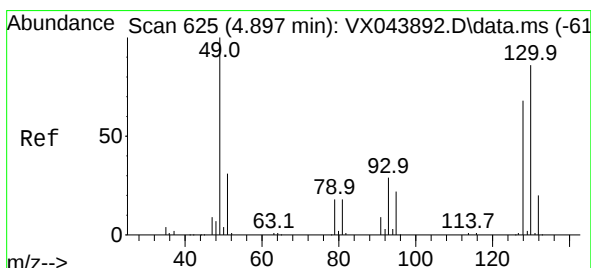
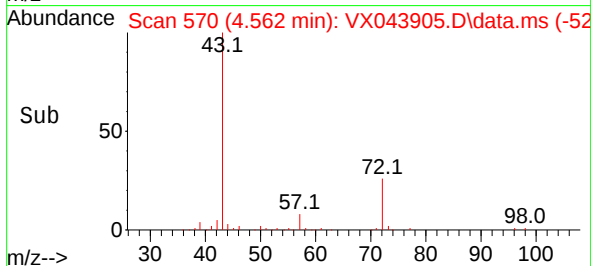
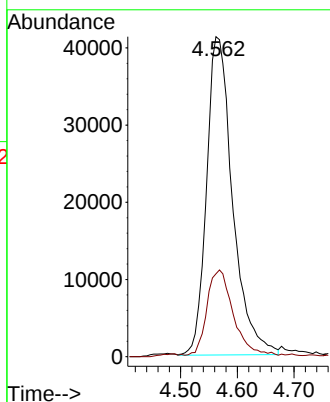
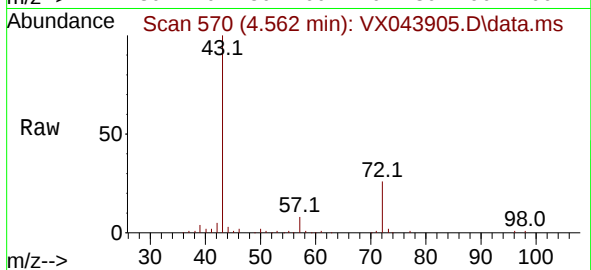
ClientSampleId :

Tgt Ion: 43 Resp: 131622

Ion Ratio Lower Upper

43 100

72 28.1 13.1 39.3



#23

Bromochloromethane

Concen: 31.480 ug/L

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Tgt Ion:128 Resp: 48516

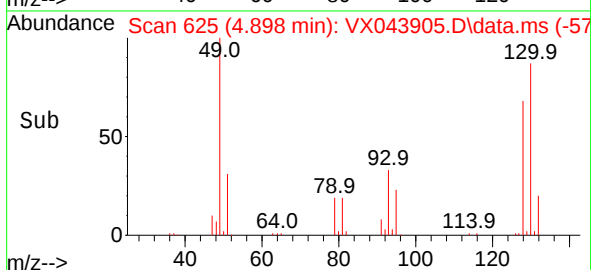
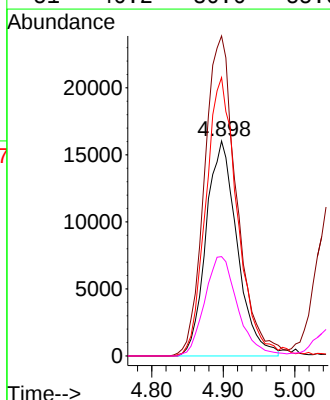
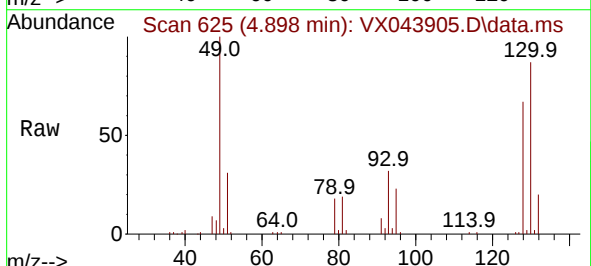
Ion Ratio Lower Upper

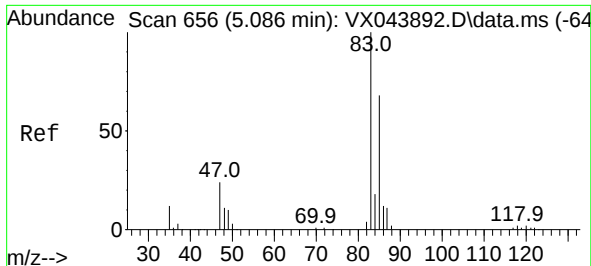
128 100

49 149.0 103.7 192.5

130 129.6 89.1 165.5

51 46.2 36.6 55.0





#25

Chloroform

Concen: 32.591 ug/L

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

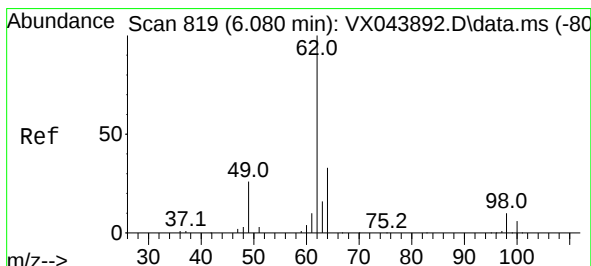
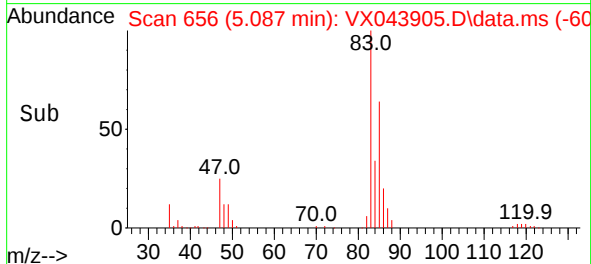
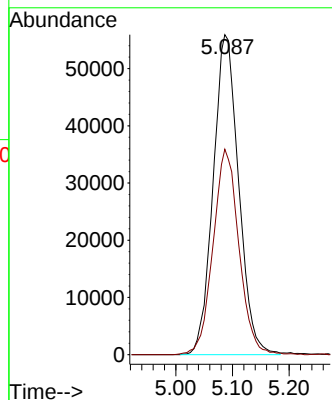
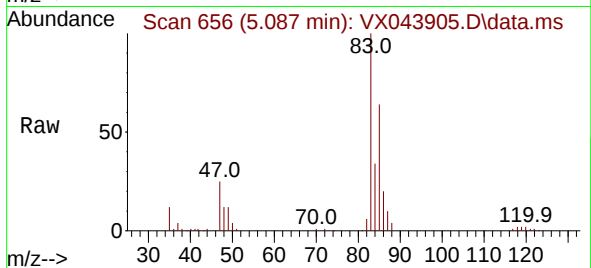
ClientSampleId :

Tgt Ion: 83 Resp: 174653

Ion Ratio Lower Upper

83 100

85 64.2 47.7 88.7



#27

1,2-Dichloroethane

Concen: 32.175 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX043905.D

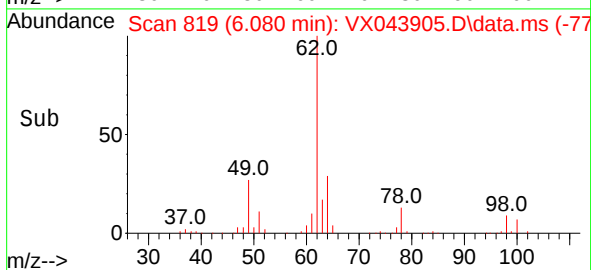
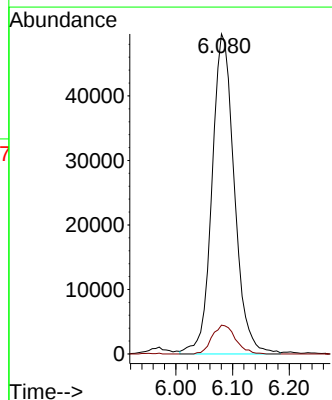
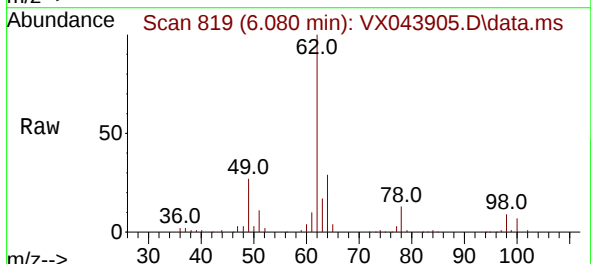
Acq: 19 Nov 2024 17:06

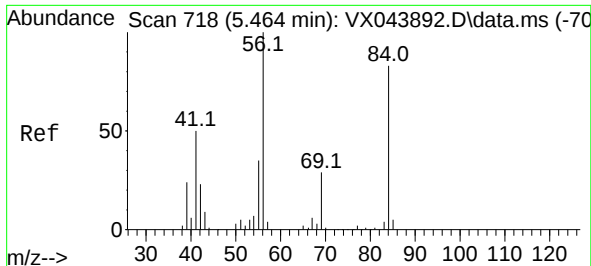
Tgt Ion: 62 Resp: 135996

Ion Ratio Lower Upper

62 100

98 9.0 7.7 11.5





#29

Cyclohexane

Concen: 32.058 ug/L

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :

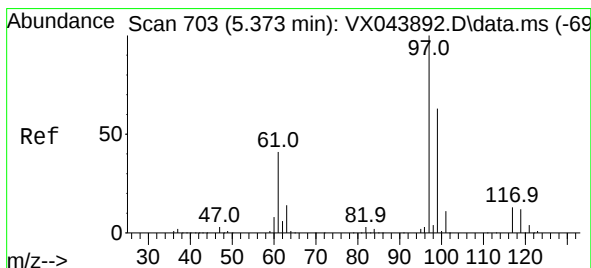
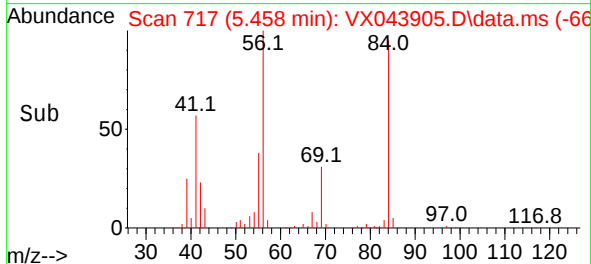
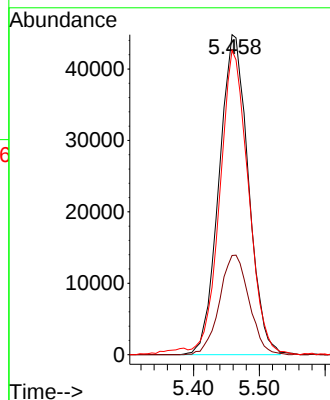
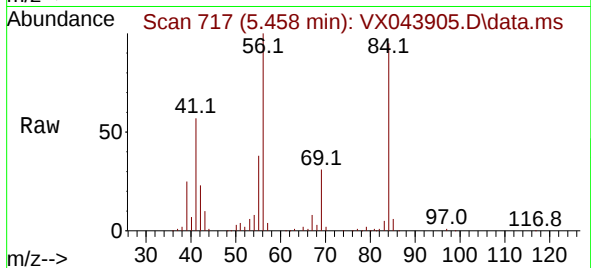
Tgt Ion: 56 Resp: 139004

Ion Ratio Lower Upper

56 100

69 31.3 25.1 37.7

84 92.6 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 31.410 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

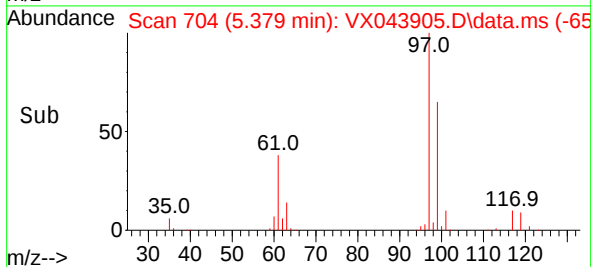
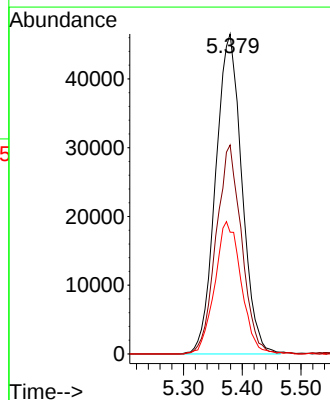
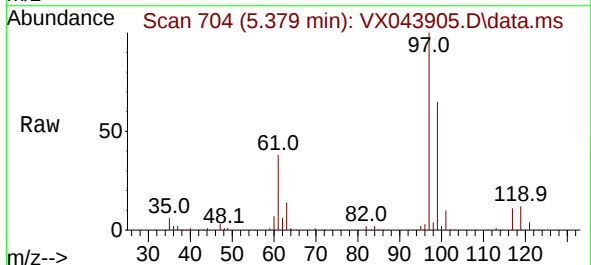
Tgt Ion: 97 Resp: 144472

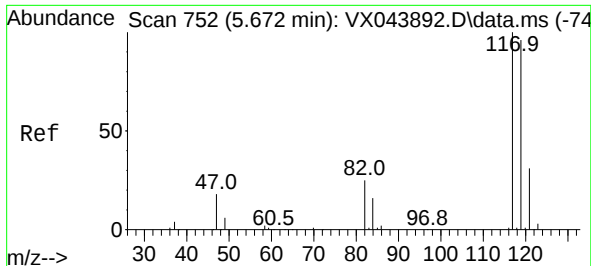
Ion Ratio Lower Upper

97 100

99 63.4 52.2 78.2

61 41.8 32.8 49.2

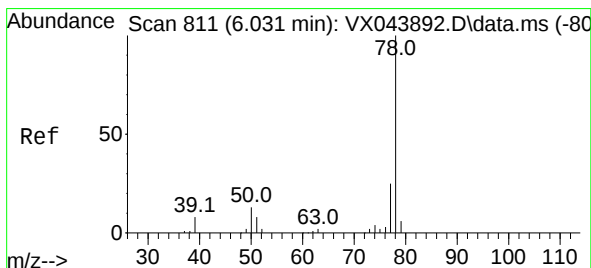
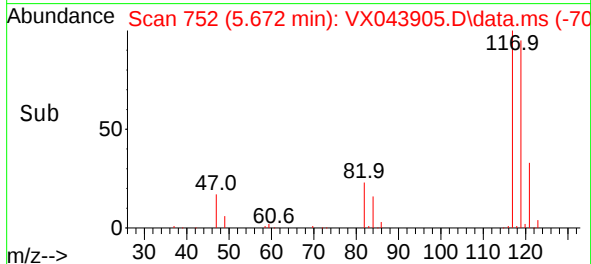
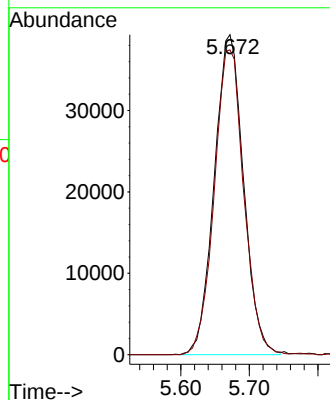
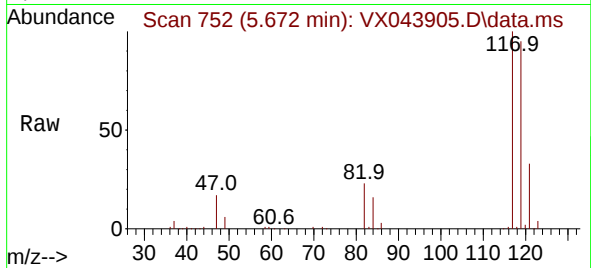




#31
Carbon tetrachloride
Concen: 31.237 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

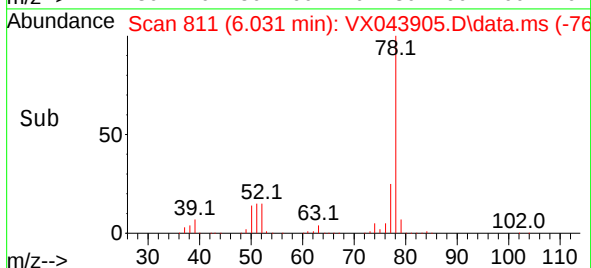
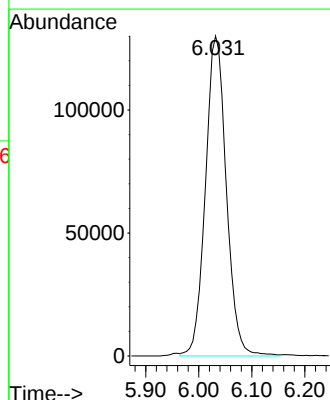
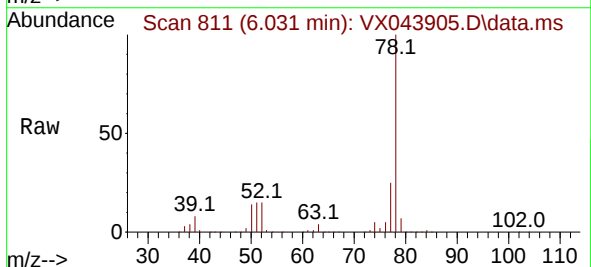
Instrument :
MSVOA_X
ClientSampleId :

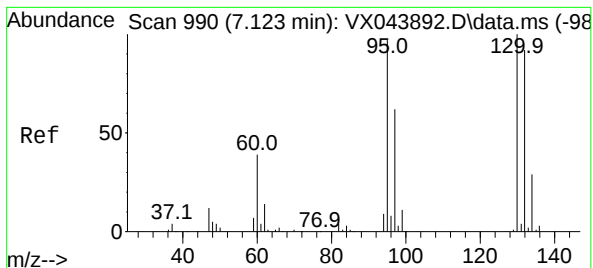
Tgt Ion:117 Resp: 116539
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5



#33
Benzene
Concen: 31.927 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

Tgt Ion: 78 Resp: 355772





#34

Trichloroethene

Concen: 30.301 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 92666

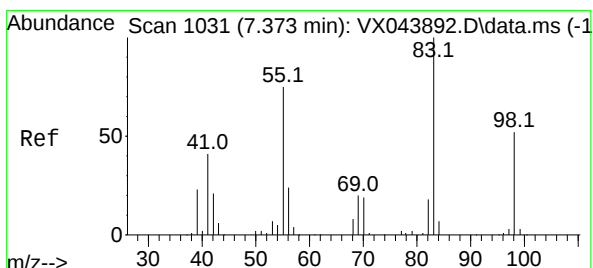
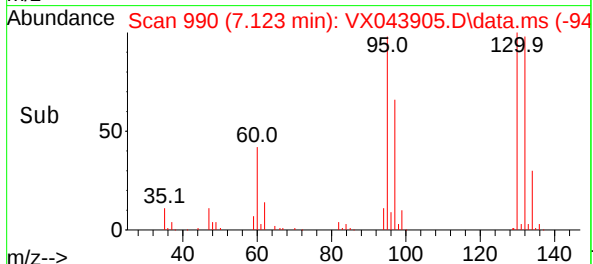
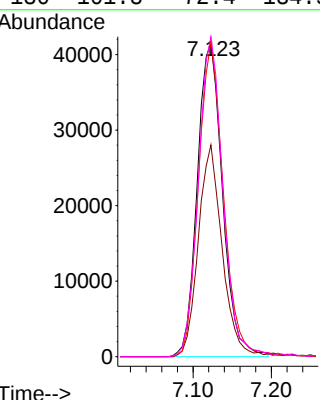
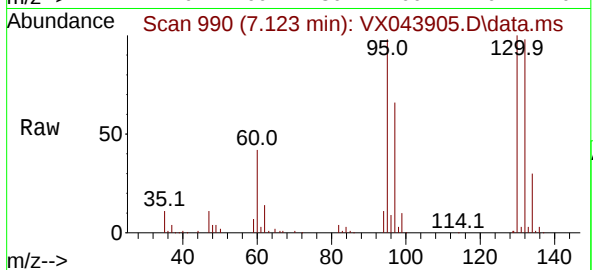
Ion Ratio Lower Upper

95 100

97 67.4 45.0 83.6

132 100.2 66.6 123.8

130 101.8 72.4 134.5



#35

Methylcyclohexane

Concen: 32.930 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

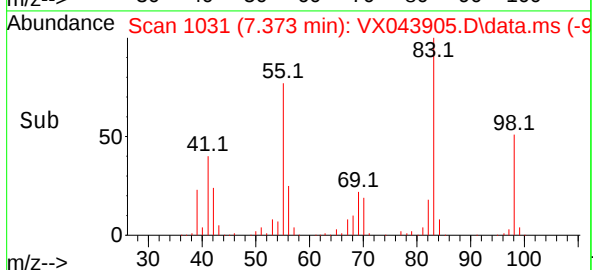
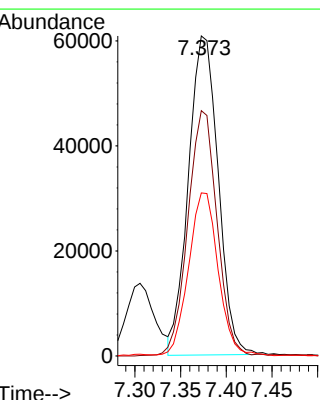
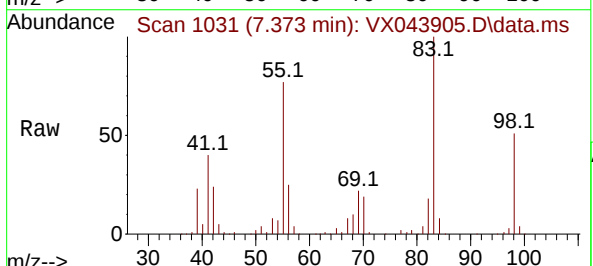
Tgt Ion: 83 Resp: 137686

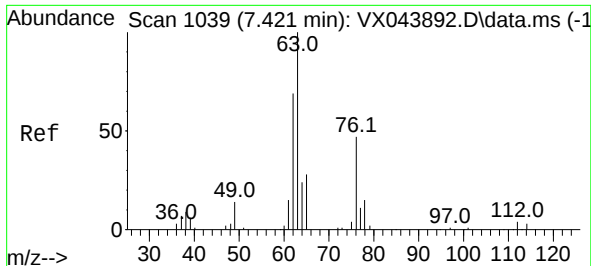
Ion Ratio Lower Upper

83 100

55 75.4 58.5 87.7

98 51.0 40.5 60.7





#37

1,2-Dichloropropane

Concen: 32.078 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

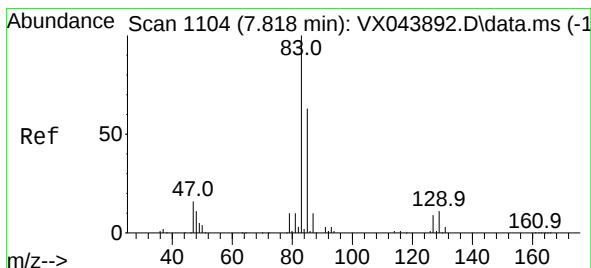
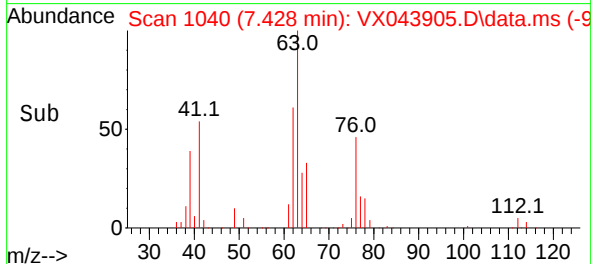
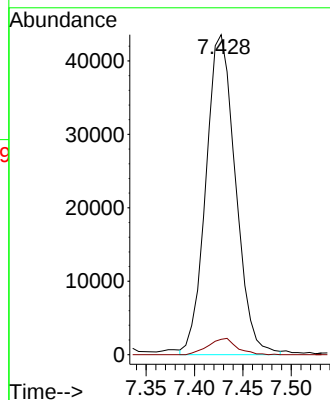
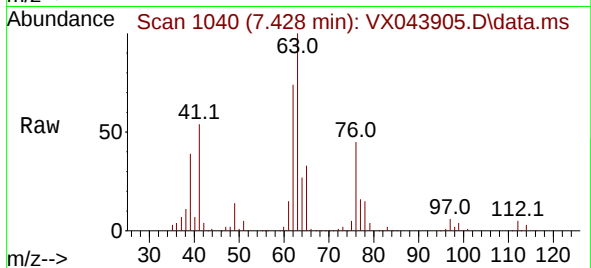
ClientSampleId :

Tgt Ion: 63 Resp: 92771

Ion Ratio Lower Upper

63 100

112 4.9 3.6 5.4



#38

Bromodichloromethane

Concen: 31.443 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

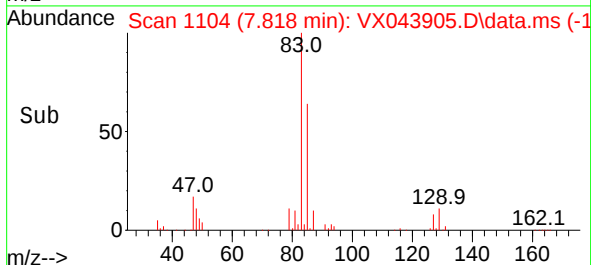
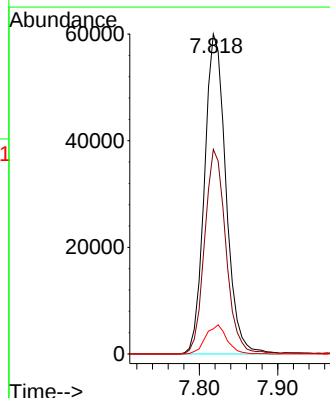
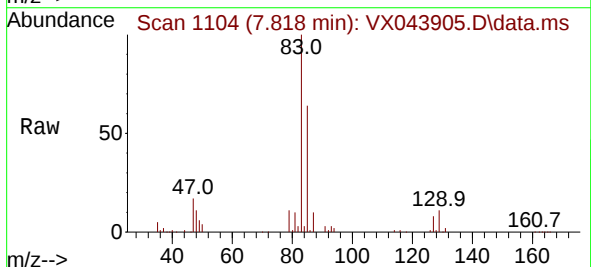
Tgt Ion: 83 Resp: 114041

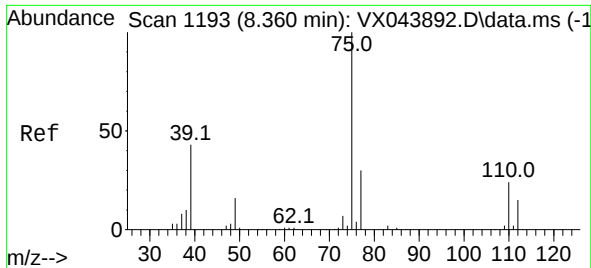
Ion Ratio Lower Upper

83 100

85 64.0 44.1 81.9

127 7.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 32.033 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

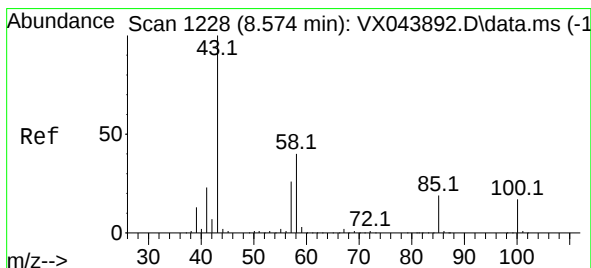
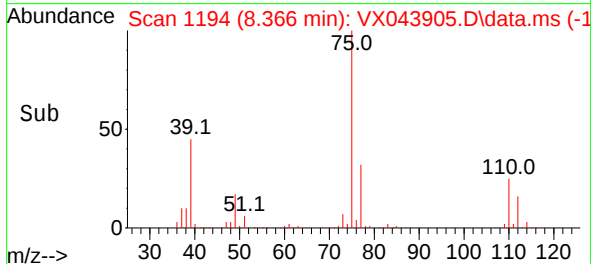
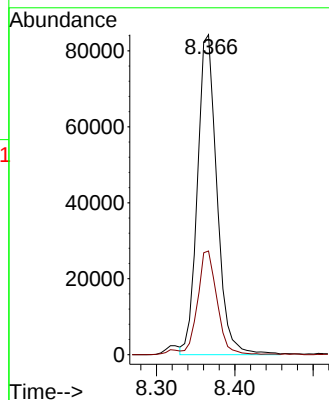
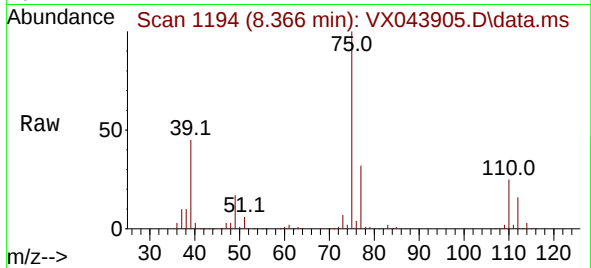
ClientSampleId :

Tgt Ion: 75 Resp: 145980

Ion Ratio Lower Upper

75 100

77 32.4 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 63.643 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

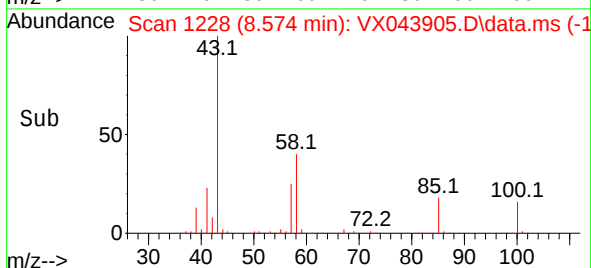
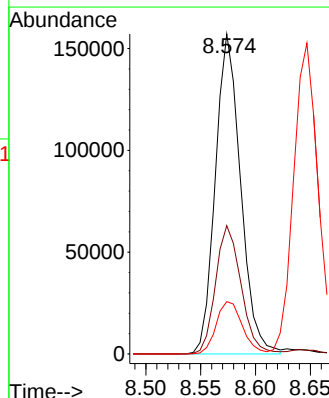
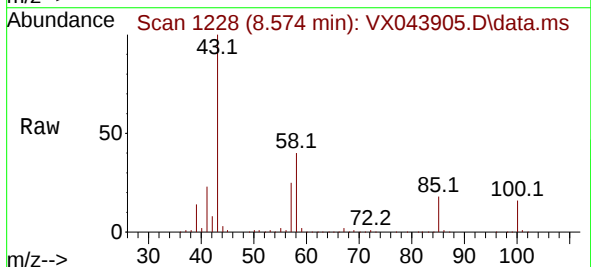
Tgt Ion: 43 Resp: 251984

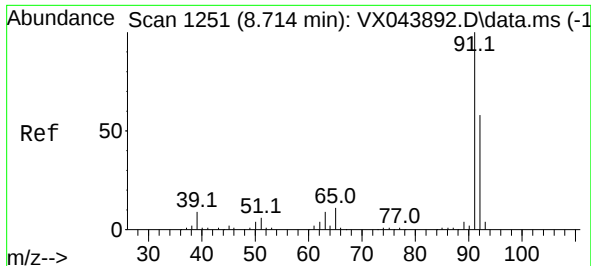
Ion Ratio Lower Upper

43 100

58 40.5 32.4 48.6

100 17.0 13.7 20.5





#42

Toluene

Concen: 32.651 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

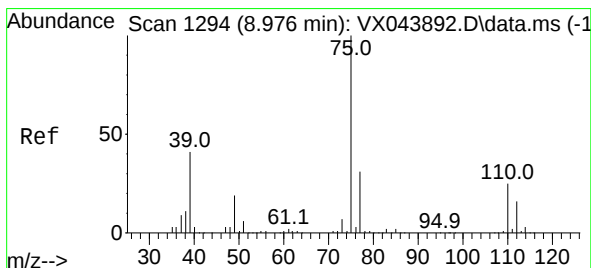
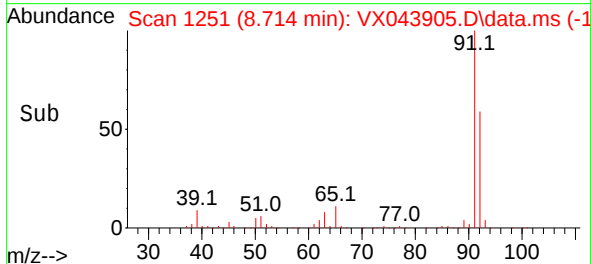
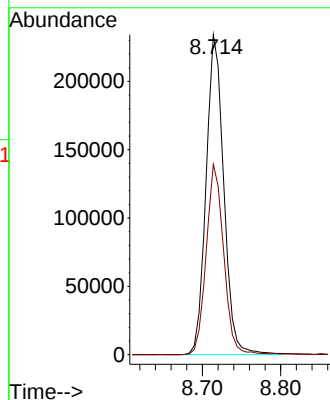
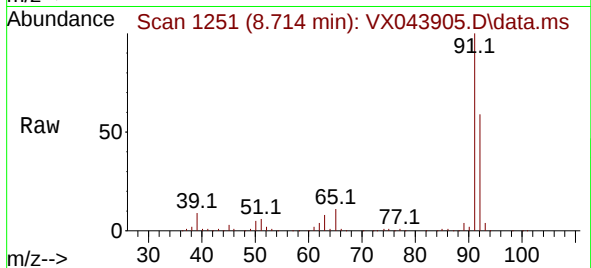
ClientSampleId :

Tgt Ion: 91 Resp: 366657

Ion Ratio Lower Upper

91 100

92 59.4 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 32.859 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043905.D

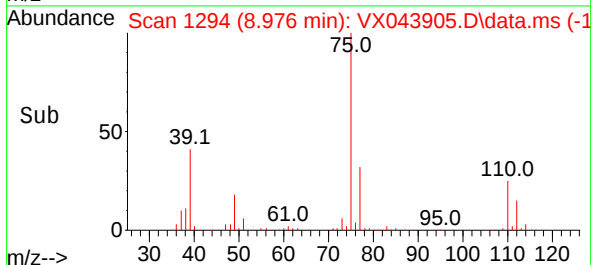
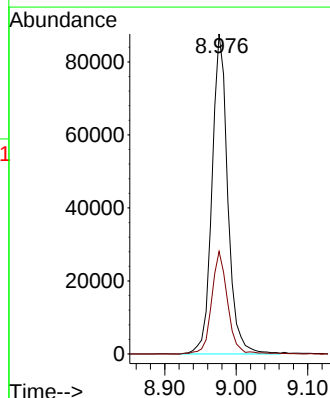
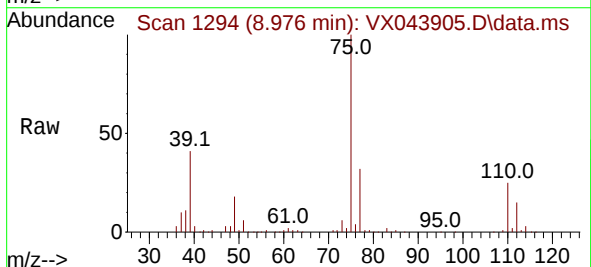
Acq: 19 Nov 2024 17:06

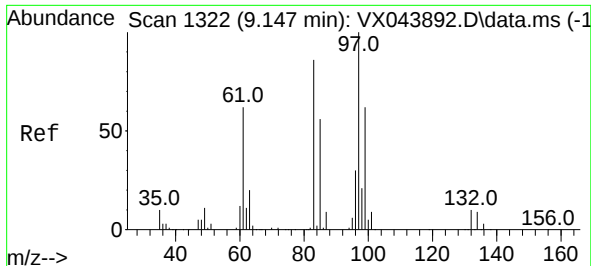
Tgt Ion: 75 Resp: 134603

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 33.913 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 96446

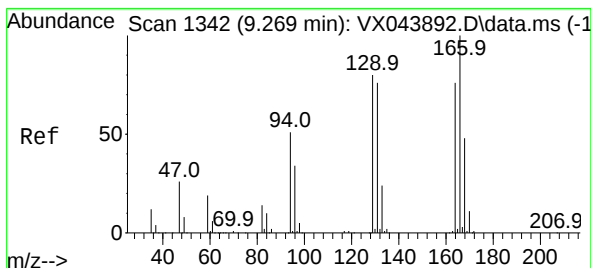
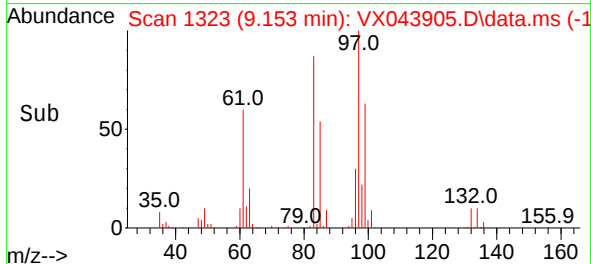
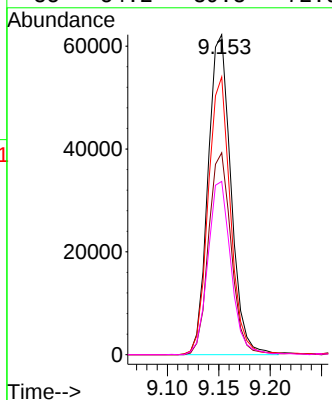
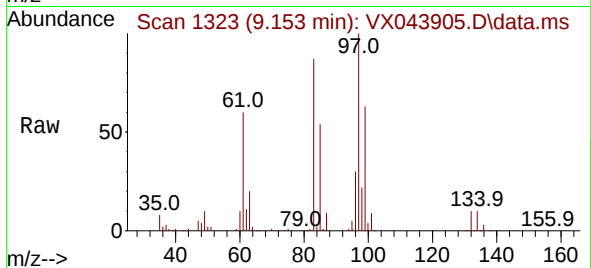
Ion Ratio Lower Upper

97 100

99 63.1 43.4 80.6

83 86.8 60.2 111.8

85 54.2 39.3 72.9



#46

Tetrachloroethene

Concen: 33.476 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Tgt Ion:164 Resp: 66707

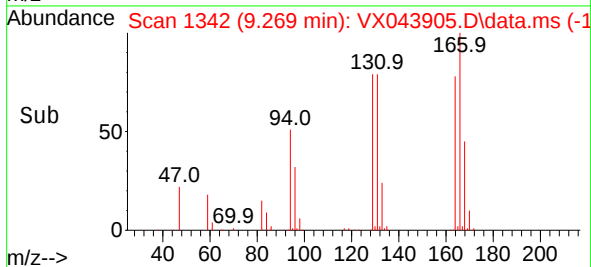
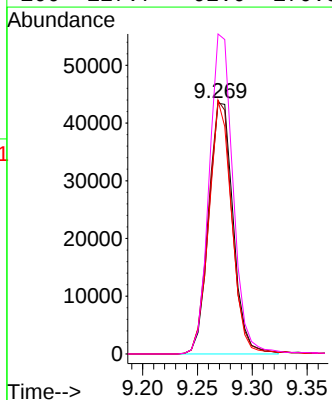
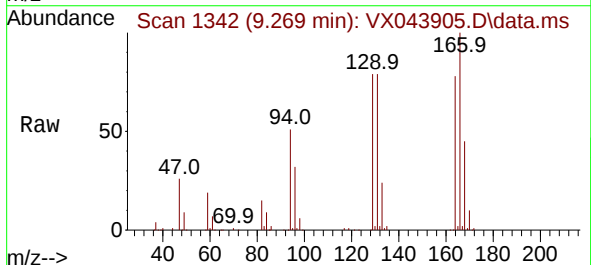
Ion Ratio Lower Upper

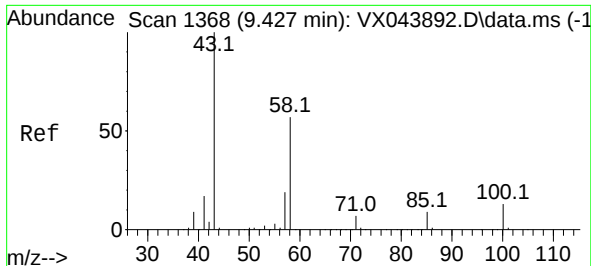
164 100

129 101.1 73.6 136.6

131 101.1 70.2 130.4

166 127.7 92.0 170.8





#48

2-Hexanone

Concen: 64.653 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

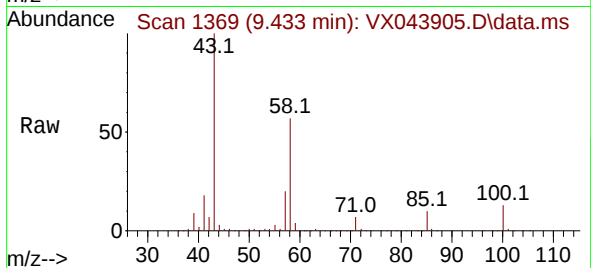
Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 193233

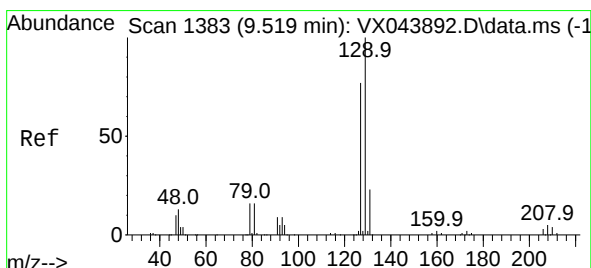
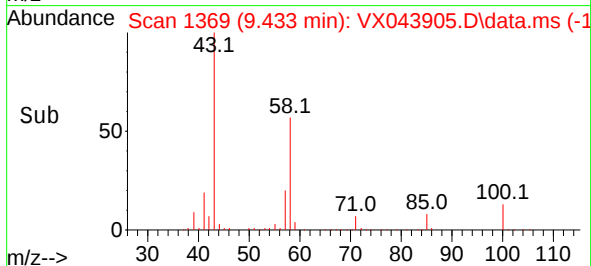
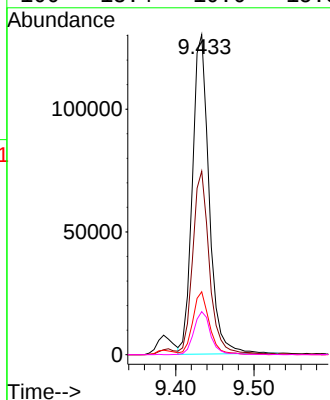
Ion Ratio Lower Upper

43 100

58 57.6 45.4 68.2

57 19.6 15.4 23.0

100 13.4 10.6 15.8



#49

Dibromochloromethane

Concen: 32.393 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043905.D

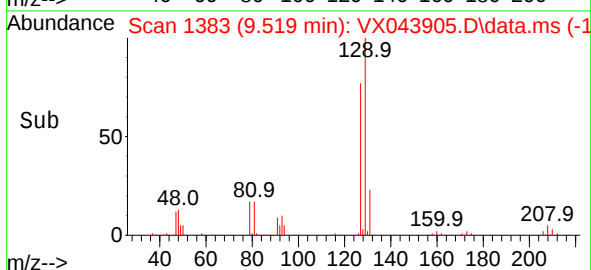
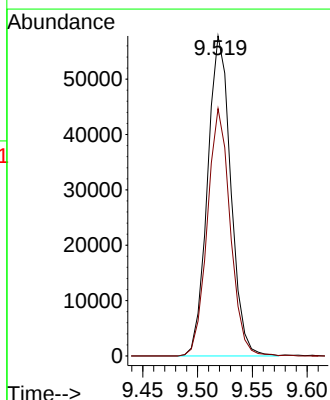
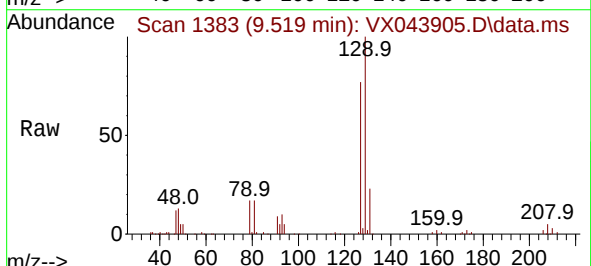
Acq: 19 Nov 2024 17:06

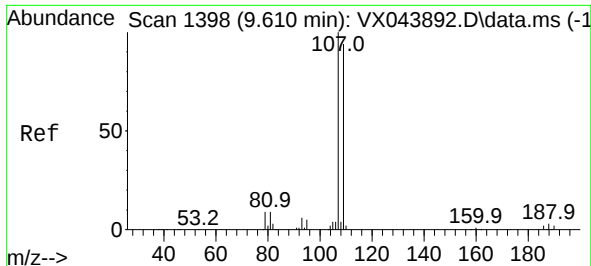
Tgt Ion:129 Resp: 85163

Ion Ratio Lower Upper

129 100

127 77.3 53.5 99.5





#50

1,2-Dibromoethane

Concen: 32.834 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043905.D

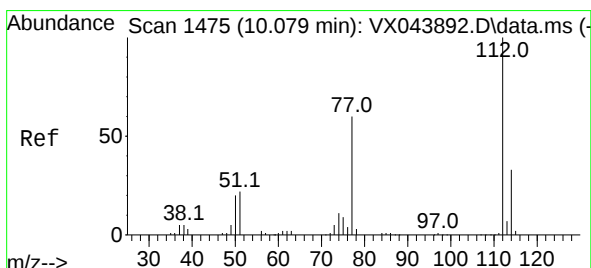
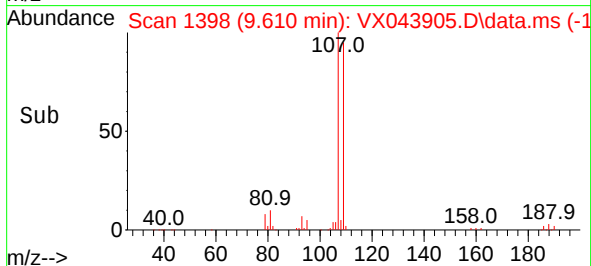
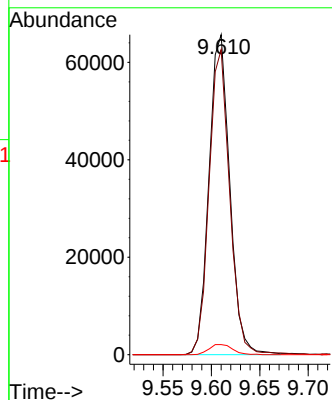
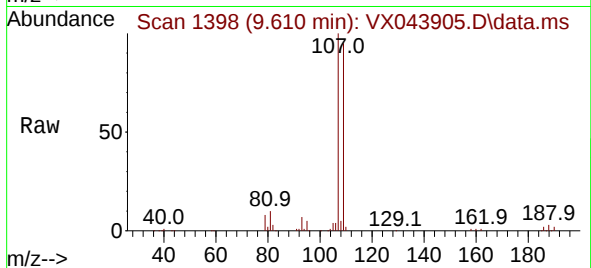
Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	98361
Ion Ratio	Lower	Upper
107	100	
109	95.4	65.5 121.7
188	3.2	2.6 4.0



#51

Chlorobenzene

Concen: 34.394 ug/L

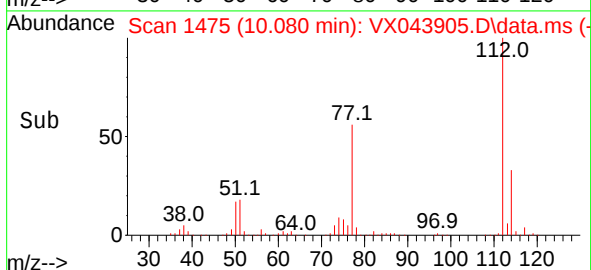
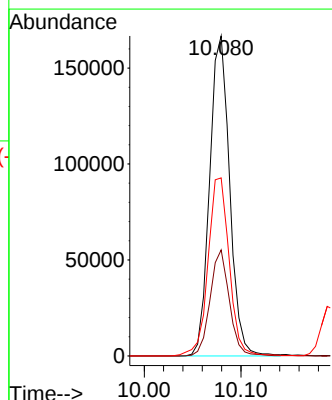
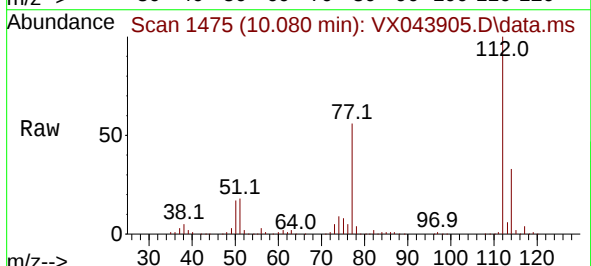
RT: 10.080 min Scan# 1475

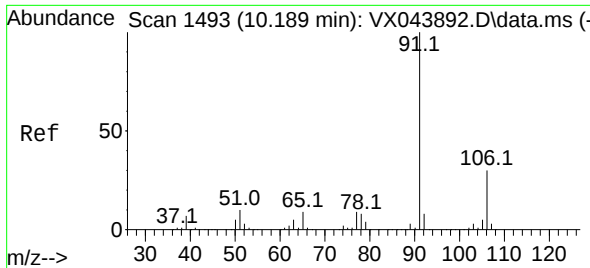
Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Tgt Ion:112	Resp:	239575
Ion Ratio	Lower	Upper
112	100	
114	33.2	22.9 42.5
77	55.7	48.0 72.0

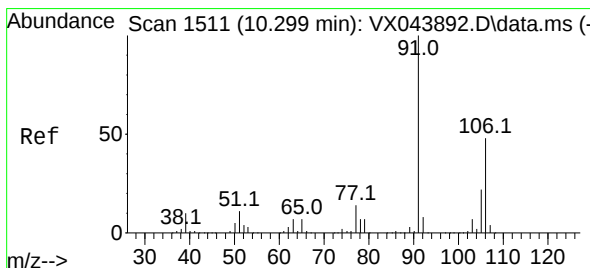
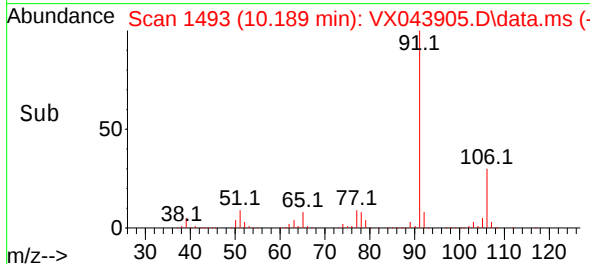
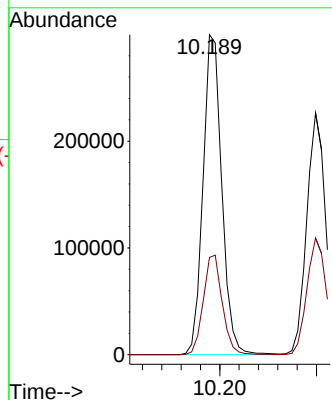
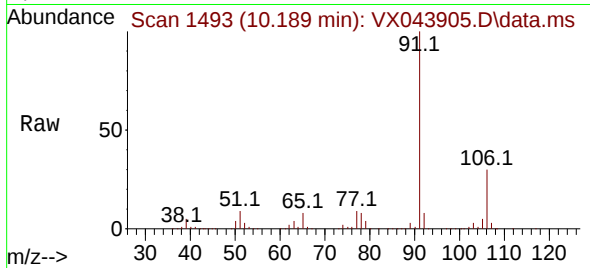




#52
Ethylbenzene
Concen: 34.241 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

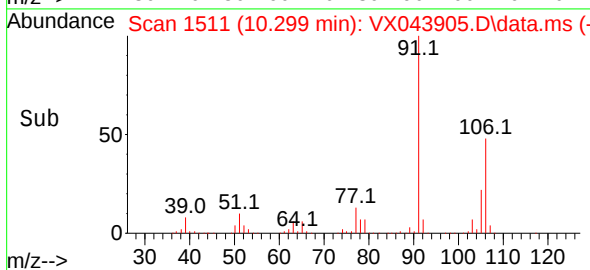
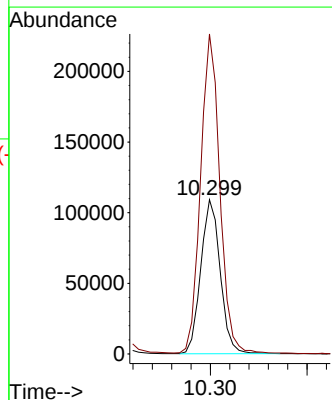
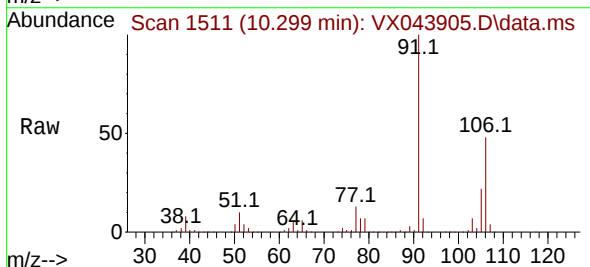
Instrument :
MSVOA_X
ClientSampleId :

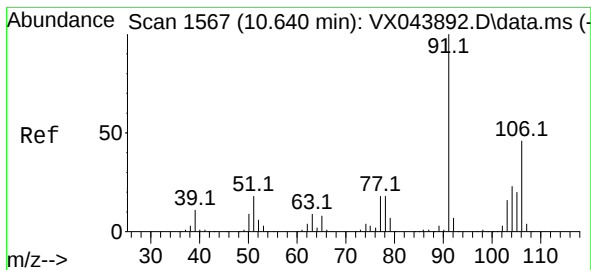
Tgt Ion: 91 Resp: 405293
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.1



#53
m,p-Xylene
Concen: 34.723 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

Tgt Ion:106 Resp: 152649
Ion Ratio Lower Upper
106 100
91 207.4 147.5 273.9

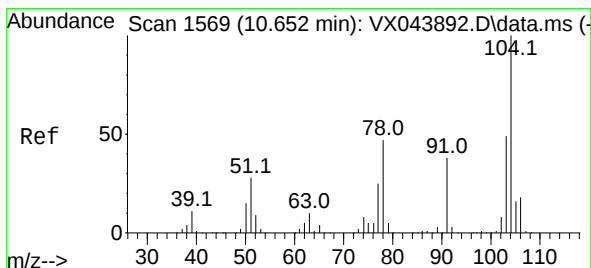
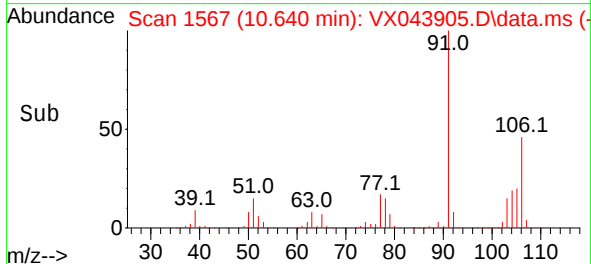
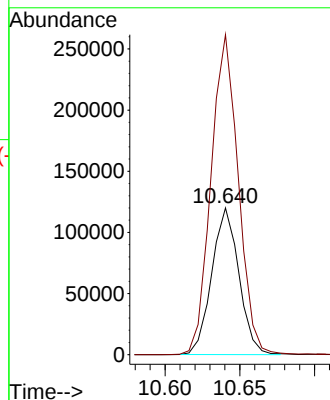
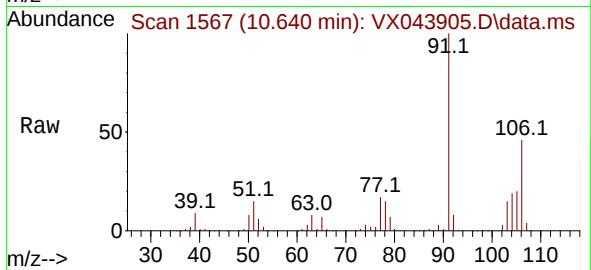




#54
o-Xylene
Concen: 34.183 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

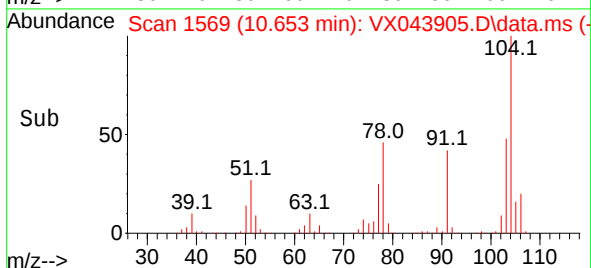
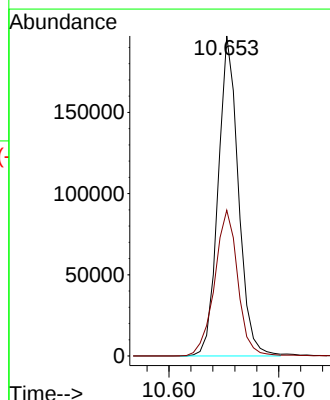
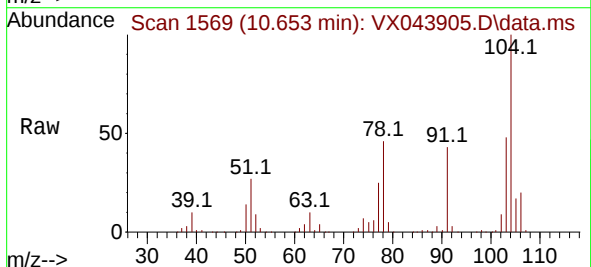
Instrument :
MSVOA_X
ClientSampleId :

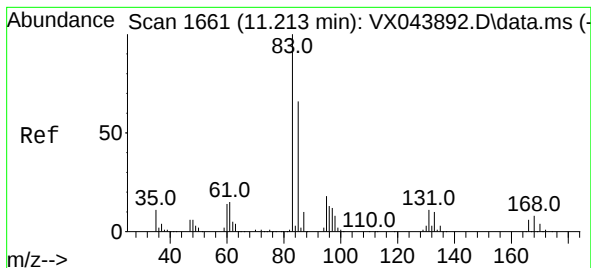
Tgt Ion:106 Resp: 151296
Ion Ratio Lower Upper
106 100
91 218.2 153.7 285.5



#55
Styrene
Concen: 34.554 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

Tgt Ion:104 Resp: 253168
Ion Ratio Lower Upper
104 100
78 45.6 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 30.295 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :

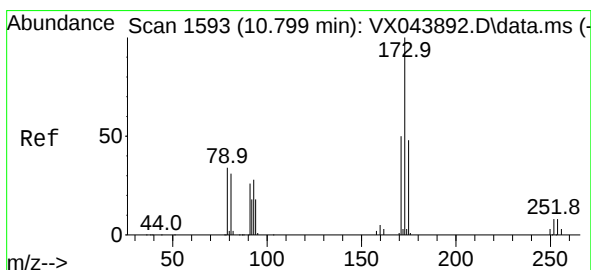
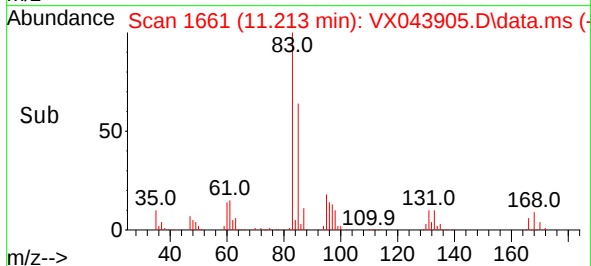
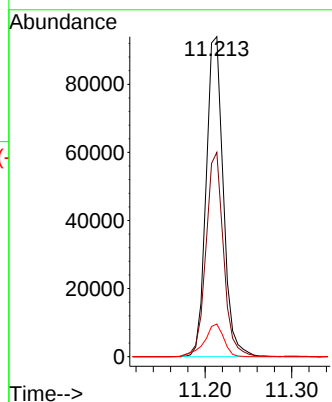
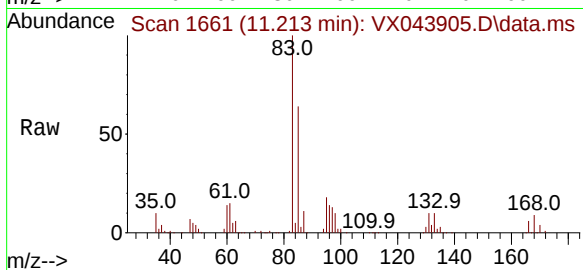
Tgt Ion: 83 Resp: 128967

Ion Ratio Lower Upper

83 100

85 63.8 46.0 85.4

131 10.2 8.8 13.2



#59

Bromoform

Concen: 32.386 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

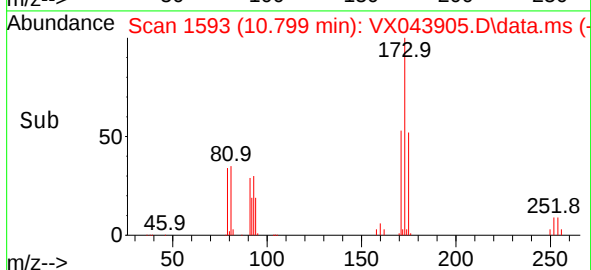
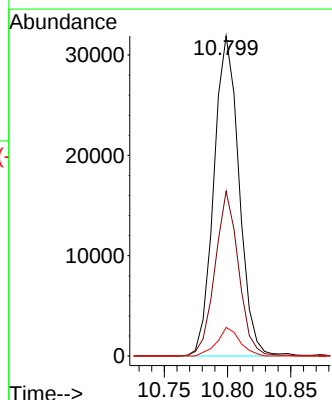
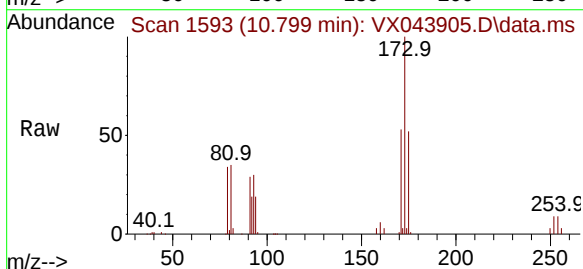
Tgt Ion:173 Resp: 44095

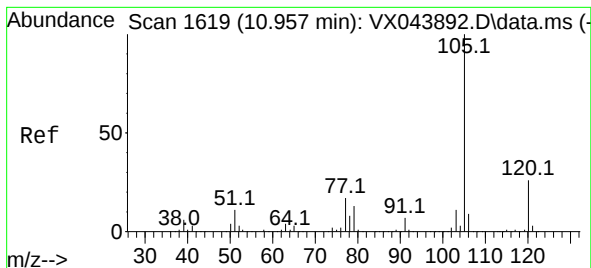
Ion Ratio Lower Upper

173 100

175 48.3 40.0 60.0

254 8.1 6.3 9.5





#60

Isopropylbenzene

Concen: 38.351 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :

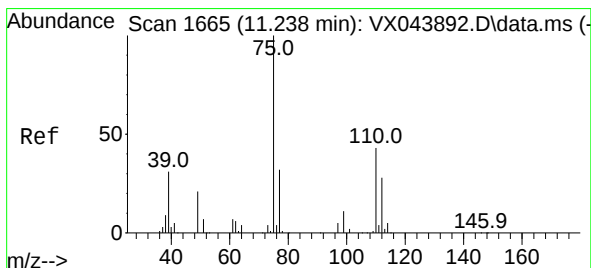
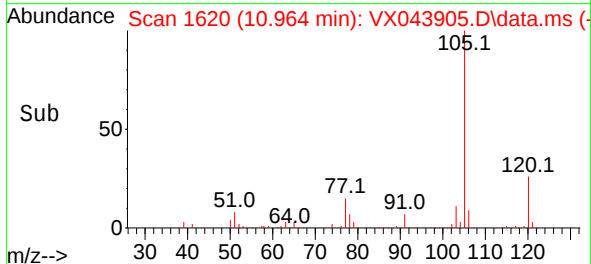
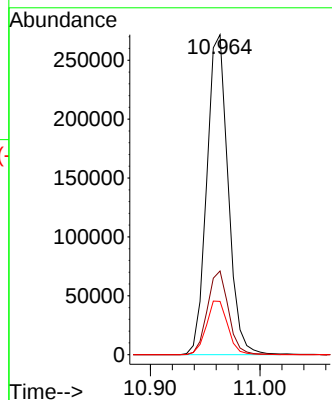
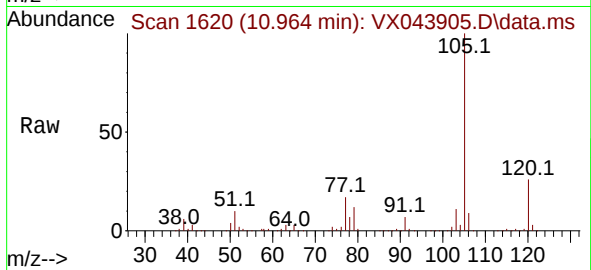
Tgt Ion:105 Resp: 367256

Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0

77 16.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 38.357 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

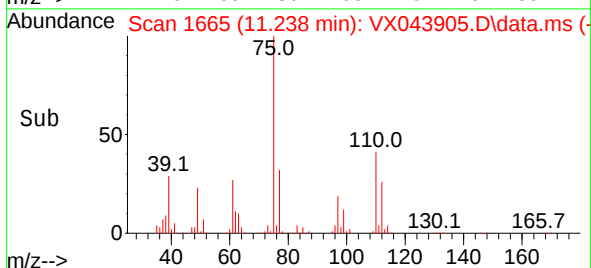
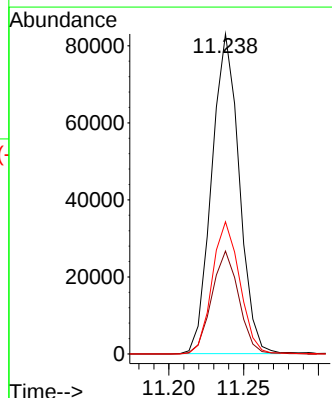
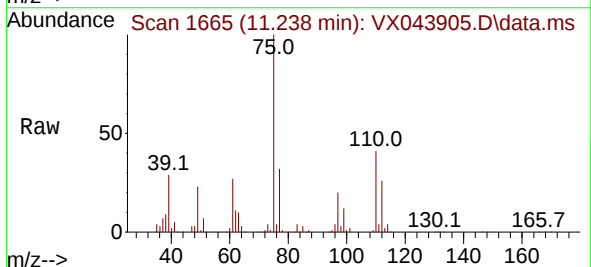
Tgt Ion: 75 Resp: 106201

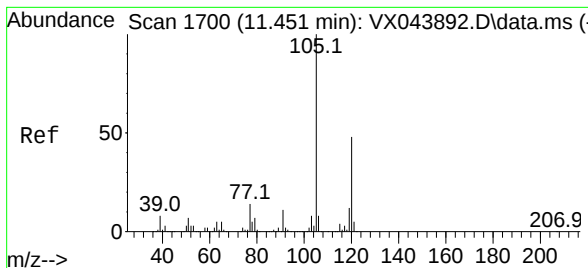
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

110 41.4 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 36.293 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

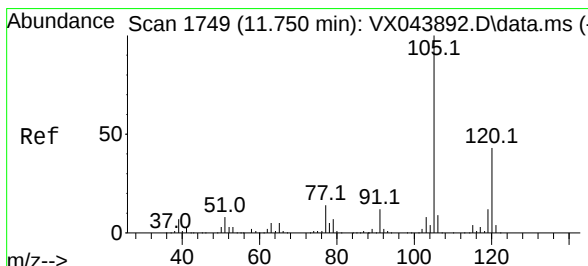
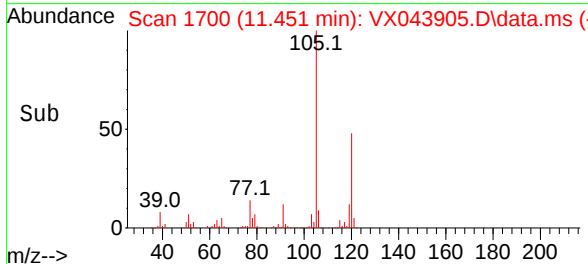
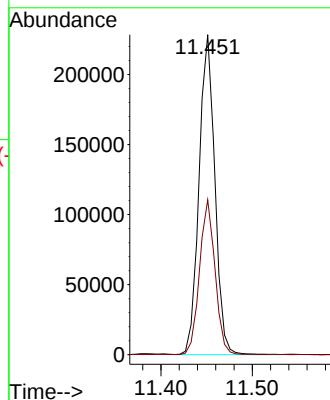
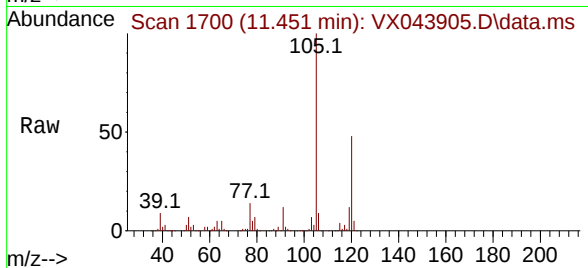
ClientSampleId :

Tgt Ion:105 Resp: 274580

Ion Ratio Lower Upper

105 100

120 47.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 39.349 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043905.D

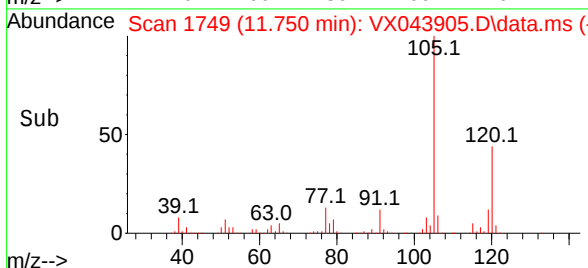
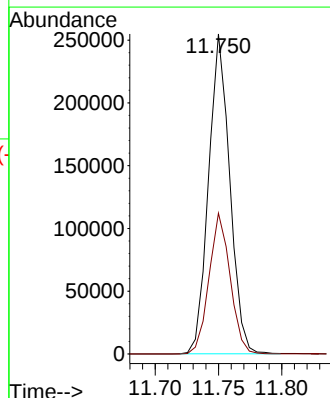
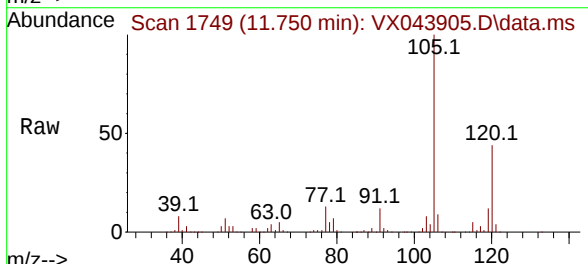
Acq: 19 Nov 2024 17:06

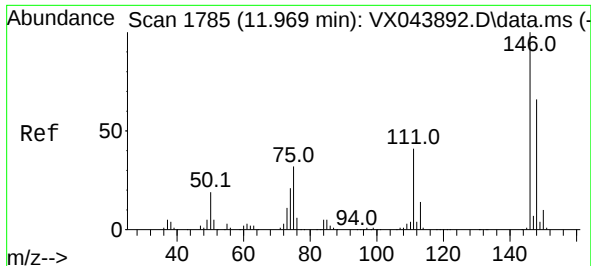
Tgt Ion:105 Resp: 296828

Ion Ratio Lower Upper

105 100

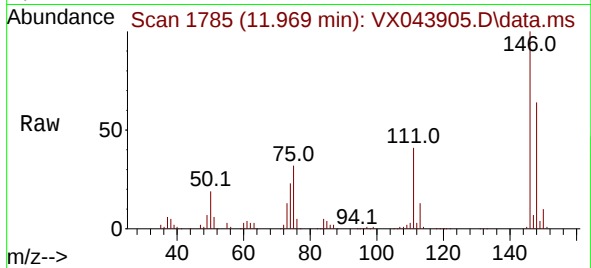
120 43.8 34.5 51.7



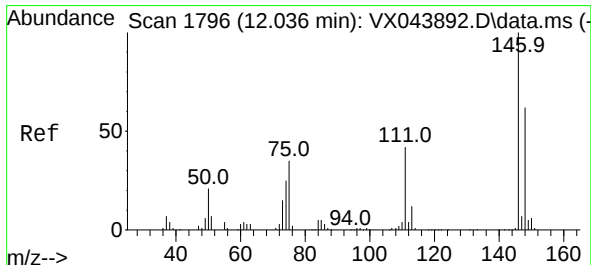
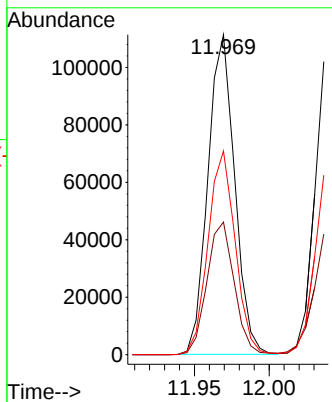
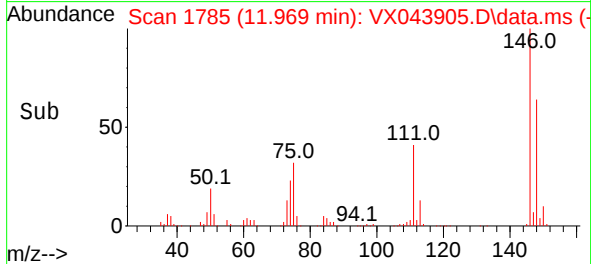


#64
1,3-Dichlorobenzene
Concen: 34.514 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

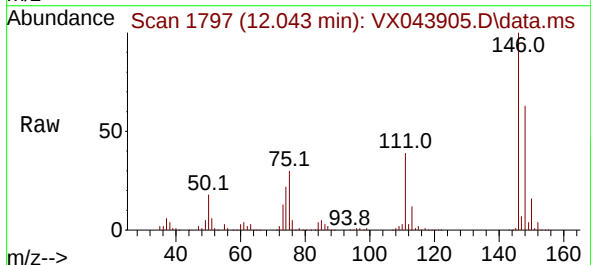
Instrument :
MSVOA_X
ClientSampleId :



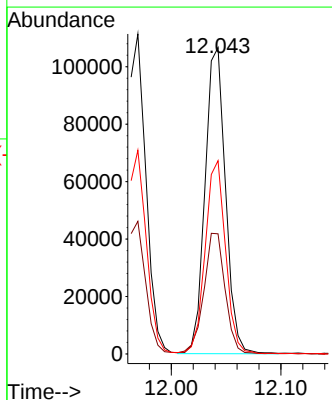
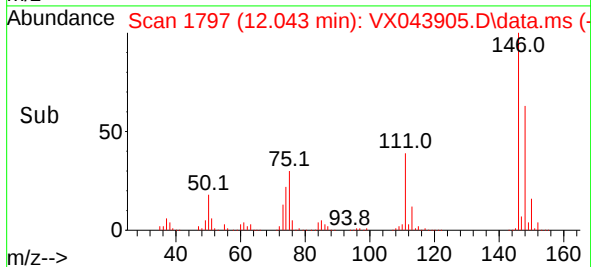
Tgt Ion:146 Resp: 138668
Ion Ratio Lower Upper
146 100
111 41.4 28.8 53.4
148 63.7 46.1 85.5

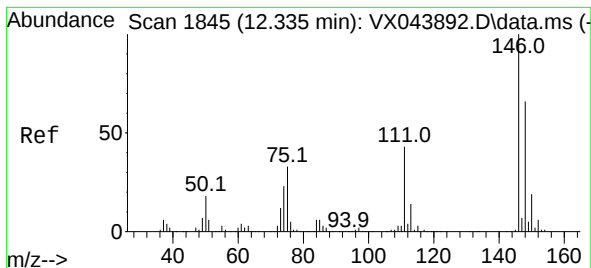


#65
1,4-Dichlorobenzene
Concen: 34.630 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06



Tgt Ion:146 Resp: 138158
Ion Ratio Lower Upper
146 100
111 39.2 29.5 54.7
148 63.1 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 33.846 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :

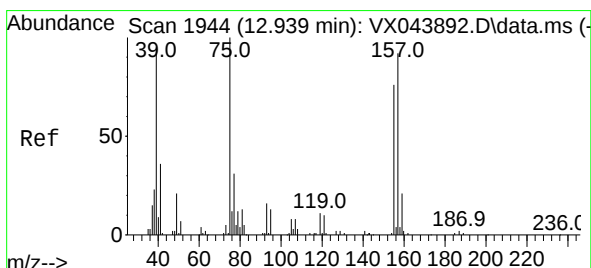
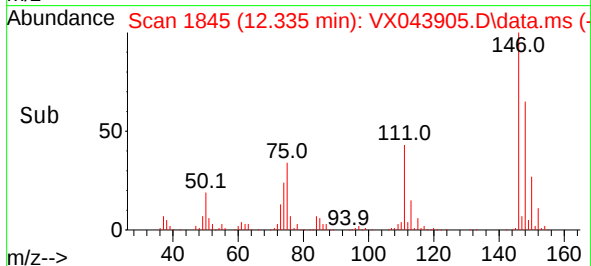
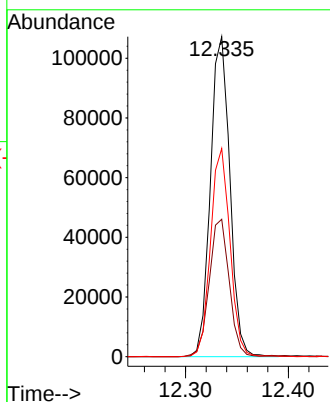
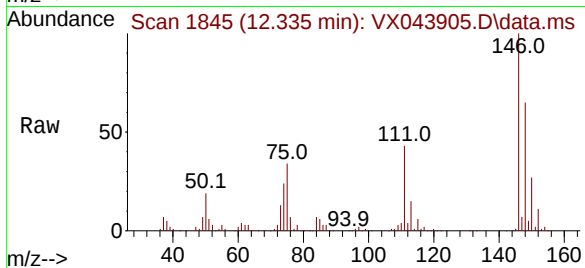
Tgt Ion:146 Resp: 140796

Ion Ratio Lower Upper

146 100

111 43.0 34.3 51.5

148 65.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 32.027 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

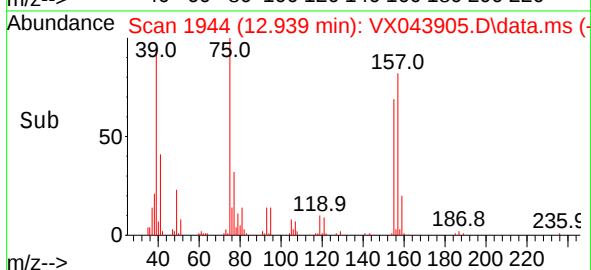
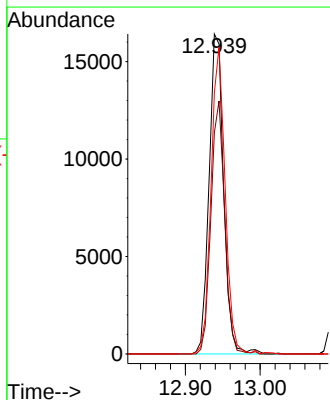
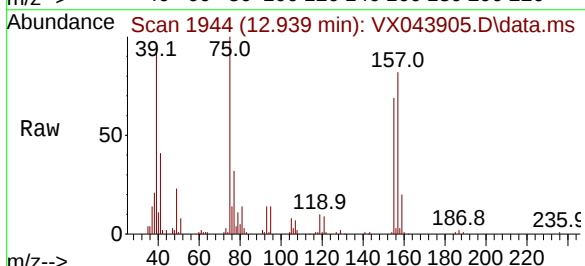
Tgt Ion: 75 Resp: 22193

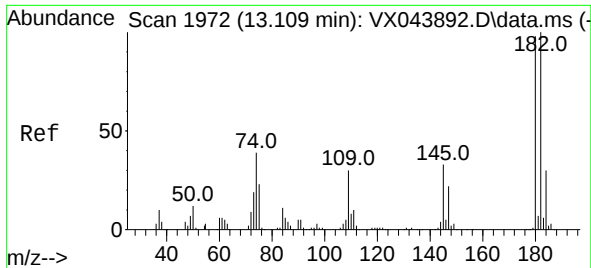
Ion Ratio Lower Upper

75 100

155 69.2 60.5 90.7

157 81.6 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 33.872 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

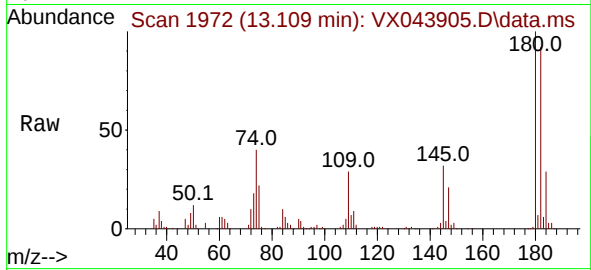
Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 87811

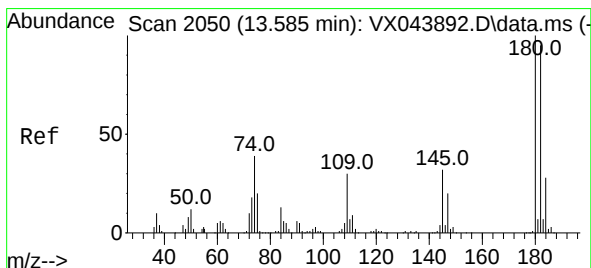
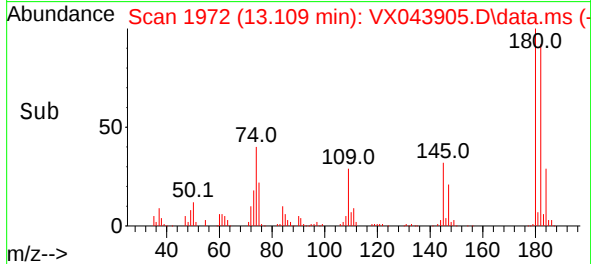
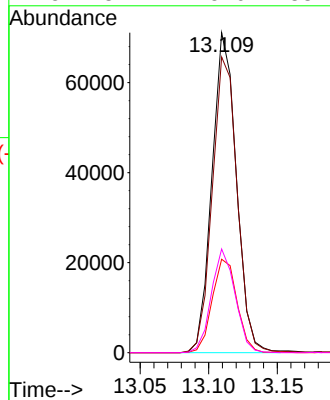
Ion Ratio Lower Upper

180 100

182 94.6 76.7 115.1

184 29.8 24.2 36.4

145 31.7 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 32.565 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043905.D

Acq: 19 Nov 2024 17:06

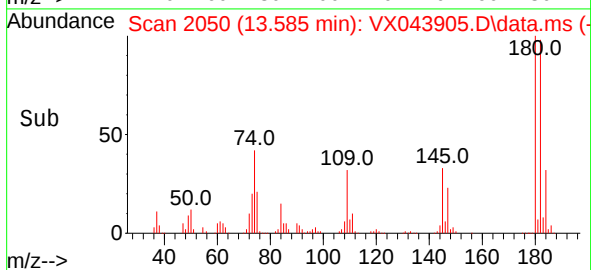
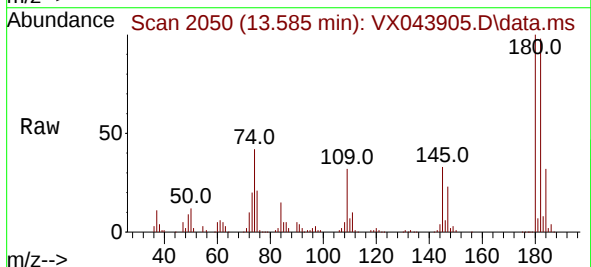
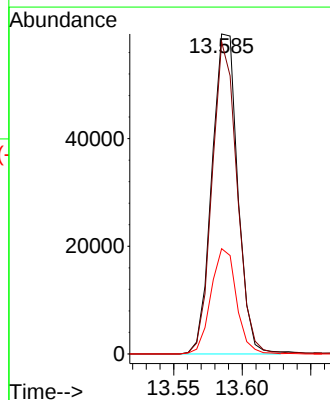
Tgt Ion:180 Resp: 77841

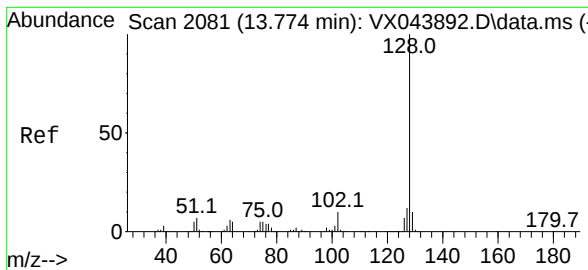
Ion Ratio Lower Upper

180 100

182 94.6 74.1 111.1

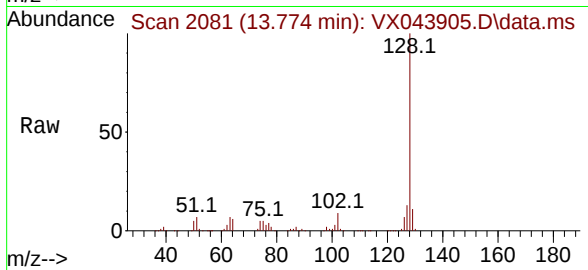
145 32.4 25.3 37.9



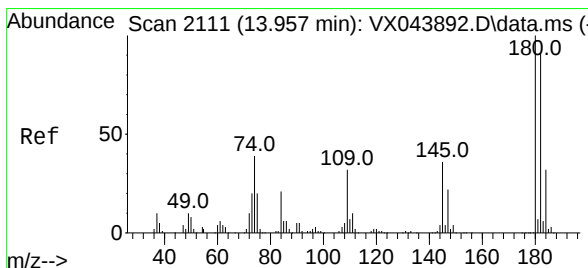
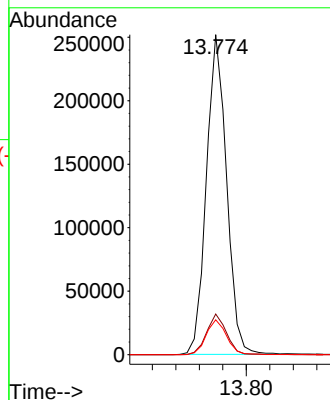
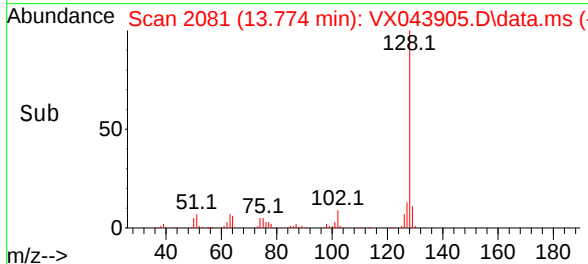


#71
Naphthalene
Concen: 33.785 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 300423
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 34.401 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX043905.D
Acq: 19 Nov 2024 17:06

Tgt Ion:180 Resp: 82854
Ion Ratio Lower Upper
180 100
182 95.1 73.8 110.6
145 35.2 27.4 41.2

