

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043901.D
 Acq On : 19 Nov 2024 15:35
 Operator : JC/MD
 Sample : P4776-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 23:44:13 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	6.751	114	328946	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	233657	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100373	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	107034	40.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.560%
7) Chloroethane-d5	1.642	69	50880	45.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.940%
11) 1,1-Dichloroethene-d2	2.294	65	42982	40.751	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.500%
21) 2-Butanone-d5	4.452	46	143795	91.180	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.180%
24) Chloroform-d	5.050	84	195360	40.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.340%
26) 1,2-Dichloroethane-d4	5.946	65	130056	40.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.580%
32) Benzene-d6	5.964	84	391454	50.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	7.299	67	121007	51.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.920%
41) Toluene-d8	8.647	98	352011	52.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.160%
43) trans-1,3-Dichloroprop...	8.945	79	52680	49.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.980%
47) 2-Hexanone-d5	9.384	63	85281	98.082	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.080%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	135036	45.988	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.980%
66) 1,2-Dichlorobenzene-d4	12.317	152	97824	45.914	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.820%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.166	85	6120	2.267	ug/L	96
3) Chloromethane	1.294	50	6123	2.219	ug/L	94
5) Vinyl chloride	1.374	62	6654	2.371	ug/L #	72
6) Bromomethane	1.593	94	2624	2.245	ug/L	90
8) Chloroethane	1.660	64	2776	2.223	ug/L #	69
9) Trichlorofluoromethane	1.867	101	8448	2.250	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	6665	2.978	ug/L	88
12) 1,1-Dichloroethene	2.306	96	5726	2.809	ug/L #	1
13) Acetone	2.379	43	7978	5.755	ug/L	94
14) Carbon disulfide	2.501	76	8593	1.984	ug/L #	88
15) Methyl Acetate	2.709	43	6471	2.495	ug/L	95
16) Methylene chloride	2.776	84	6129	2.565	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	4893	2.242	ug/L	90
18) Methyl tert-butyl Ether	3.111	73	17416	2.156	ug/L	100
19) 1,1-Dichloroethane	3.605	63	9209	2.118	ug/L	92
20) cis-1,2-Dichloroethene	4.483	96	5727	2.158	ug/L #	89
23) Bromochloromethane	4.891	128	1862	1.363	ug/L	91
29) Cyclohexane	5.458	56	8648	2.845	ug/L #	87
30) 1,1,1-Trichloroethane	5.373	97	8682	2.693	ug/L #	63

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 QLast Update : Tue Nov 19 23:30:03 2024
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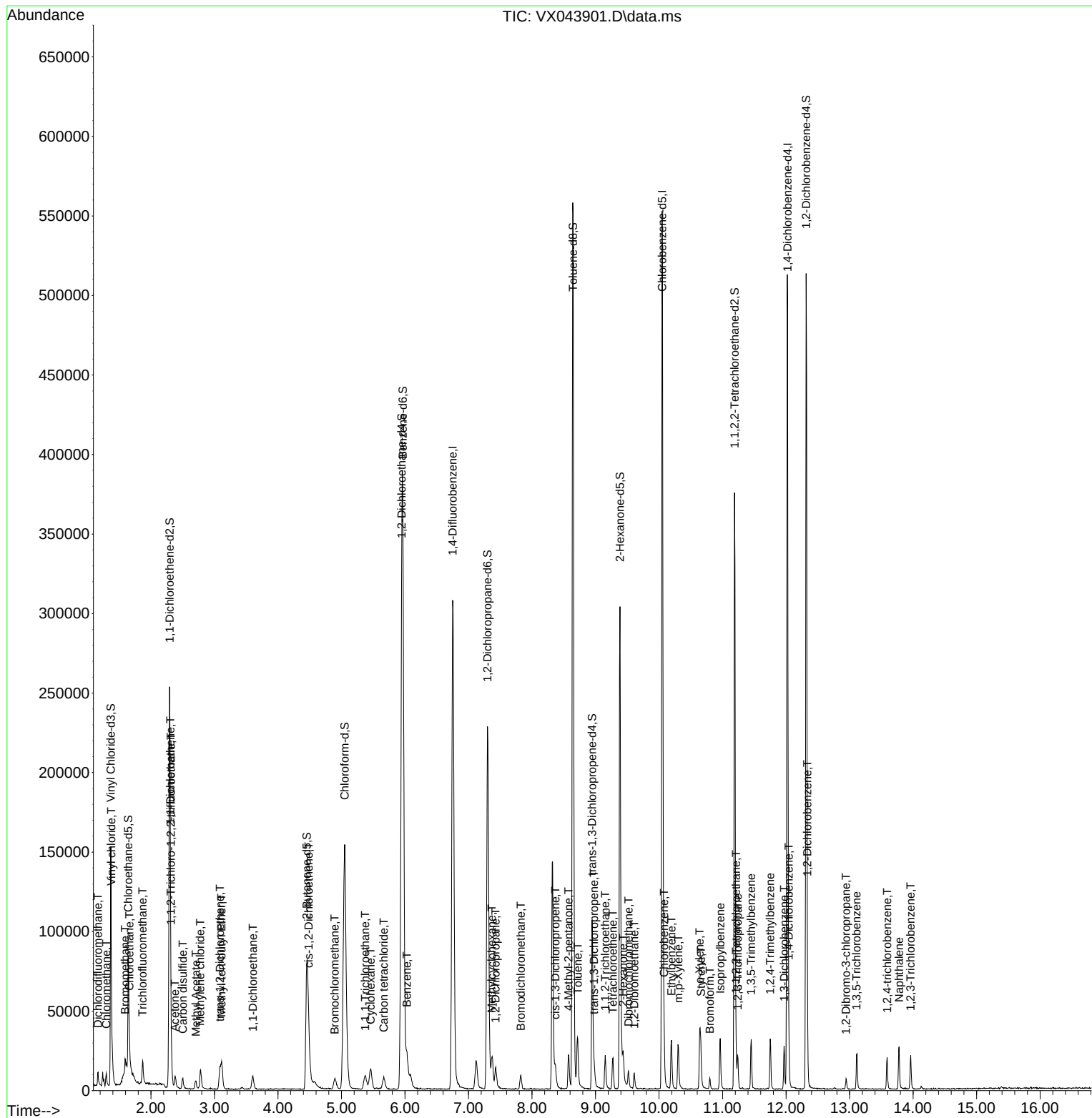
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.665	117	6789	2.596	ug/L	96
33) Benzene	6.031	78	22432	2.872	ug/L	100
35) Methylcyclohexane	7.366	83	8878	3.029	ug/L	96
37) 1,2-Dichloropropane	7.427	63	5762	2.842	ug/L #	89
38) Bromodichloromethane	7.824	83	6041	2.376	ug/L #	88
39) cis-1,3-Dichloropropene	8.366	75	8588	2.688	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	14363	5.175	ug/L	99
42) Toluene	8.720	91	22237	2.825	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	7263	2.530	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	5613	2.816	ug/L	89
46) Tetrachloroethene	9.275	164	3517	2.518	ug/L	89
48) 2-Hexanone	9.433	43	13479	6.434	ug/L	92
49) Dibromochloromethane	9.518	129	4065	2.206	ug/L	93
50) 1,2-Dibromoethane	9.610	107	5471	2.605	ug/L #	93
51) Chlorobenzene	10.079	112	11656	2.387	ug/L	96
52) Ethylbenzene	10.195	91	19365	2.334	ug/L	99
53) m,p-Xylene	10.305	106	7163	2.325	ug/L	82
54) o-Xylene	10.640	106	7242	2.334	ug/L	99
55) Styrene	10.658	104	10481	2.041	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	7767	2.603	ug/L	98
59) Bromoform	10.799	173	2154	1.915	ug/L #	94
60) Isopropylbenzene	10.963	105	17561	2.220	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	5889	2.575	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	14019	2.243	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	14378	2.307	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	8035	2.421	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	8318	2.524	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	8612	2.506	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.945	75	1417	2.476	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.109	180	5279	2.465	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	4722	2.392	ug/L	98
71) Naphthalene	13.780	128	17911	2.439	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	5117	2.572	ug/L	94

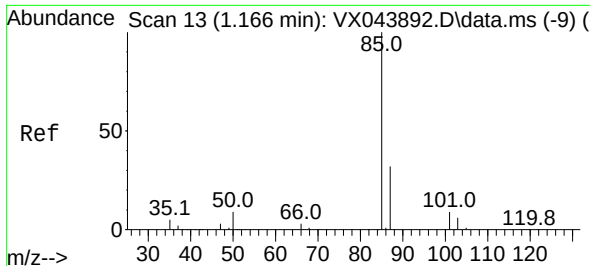
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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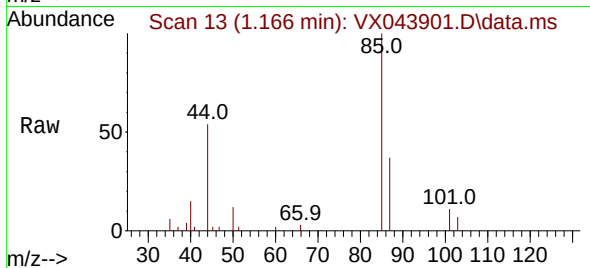
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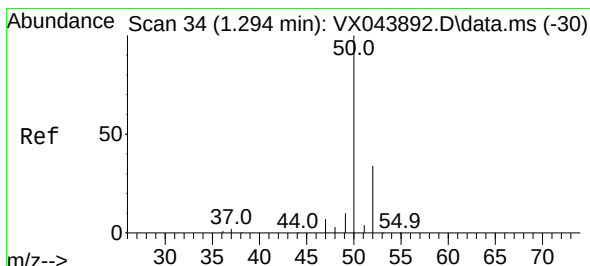
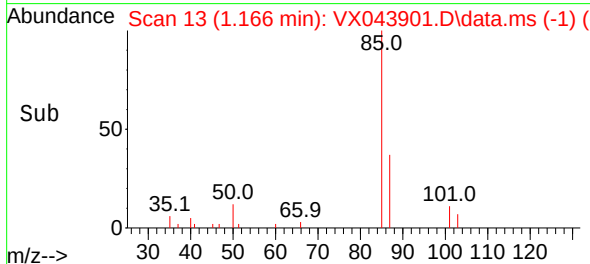
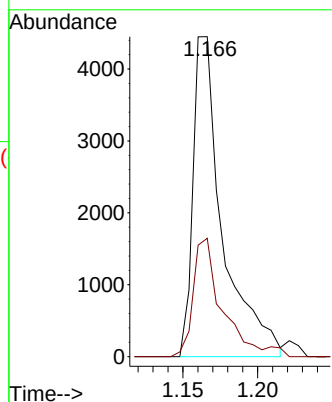


#2
Dichlorodifluoromethane
Concen: 2.267 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Instrument :
MSVOA_X
ClientSampleId :

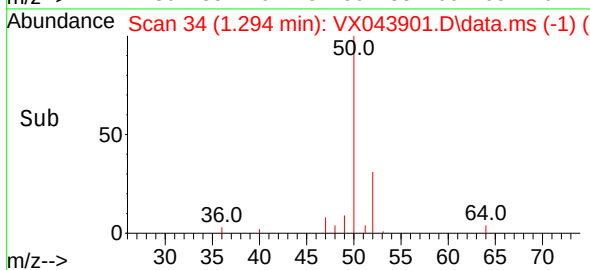
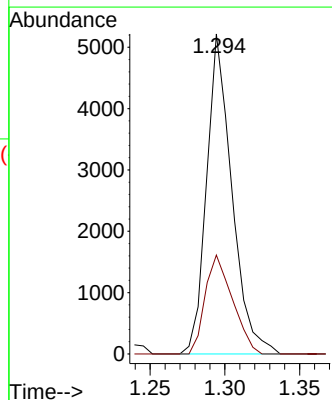
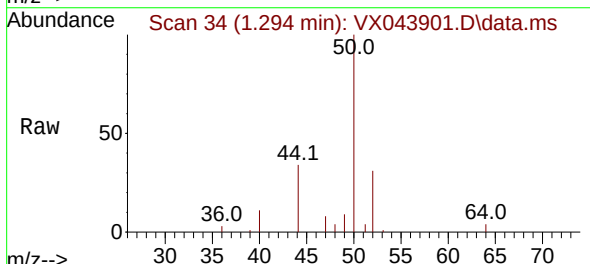


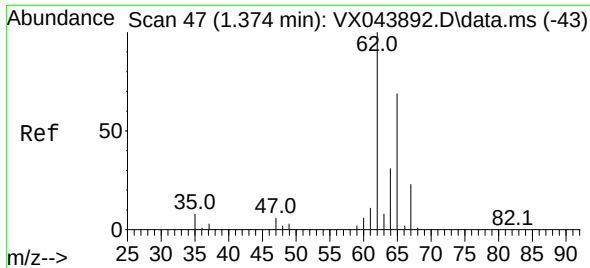
Tgt Ion: 85 Resp: 6120
Ion Ratio Lower Upper
85 100
87 35.0 26.1 39.1



#3
Chloromethane
Concen: 2.219 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Tgt Ion: 50 Resp: 6123
Ion Ratio Lower Upper
50 100
52 30.9 23.9 44.3

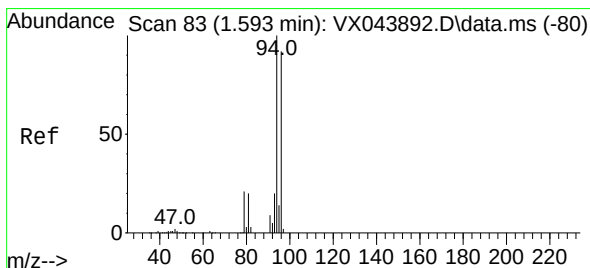
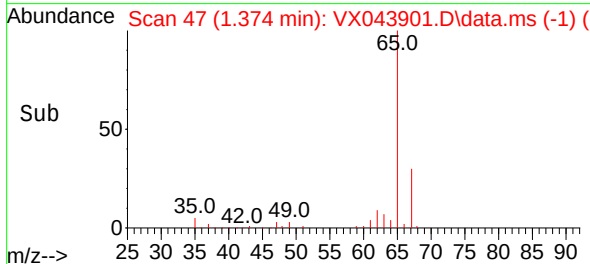
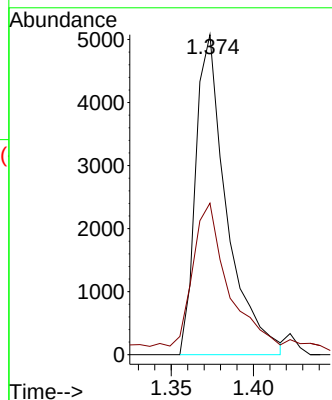
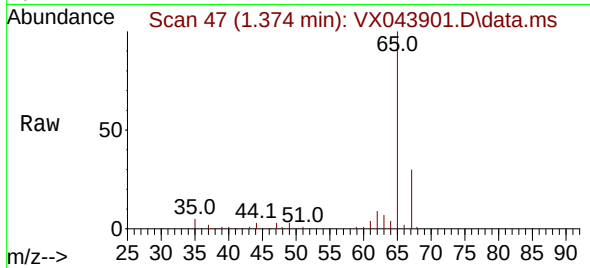




#5
 Vinyl chloride
 Concen: 2.371 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX043901.D
 Acq: 19 Nov 2024 15:35

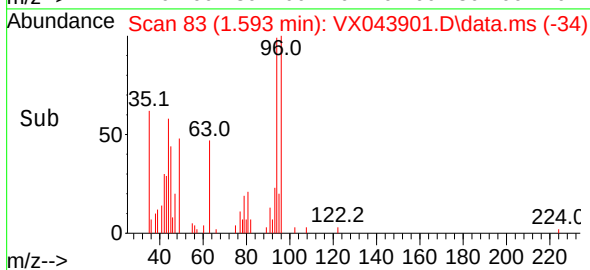
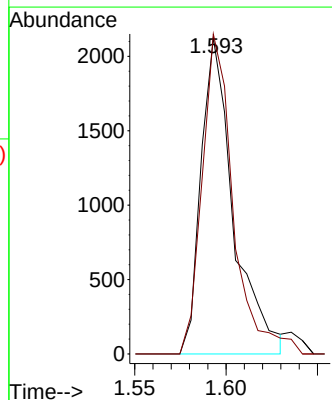
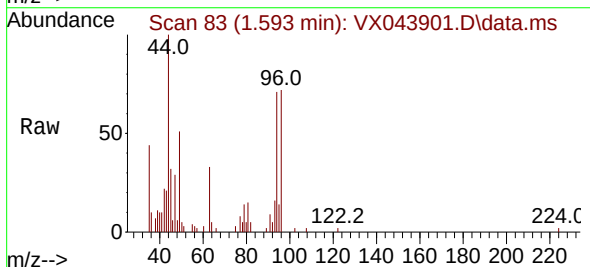
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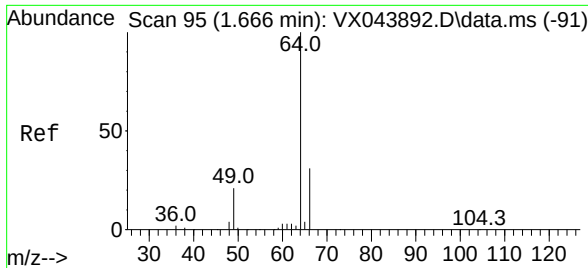
Tgt Ion: 62 Resp: 6654
 Ion Ratio Lower Upper
 62 100
 64 47.4 22.2 41.2#



#6
 Bromomethane
 Concen: 2.245 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX043901.D
 Acq: 19 Nov 2024 15:35

Tgt Ion: 94 Resp: 2624
 Ion Ratio Lower Upper
 94 100
 96 101.2 64.2 119.2

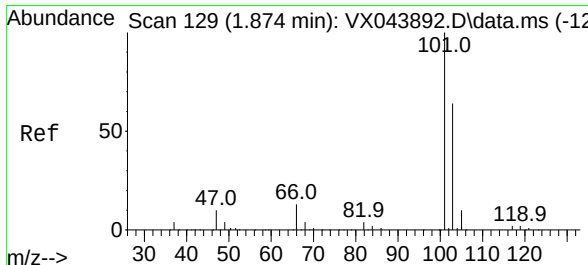
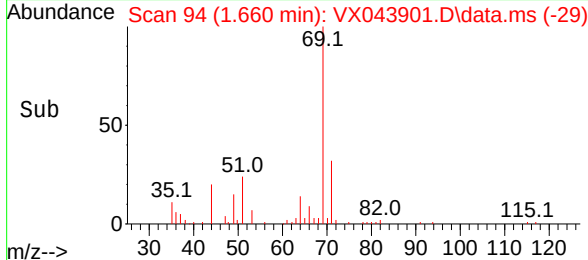
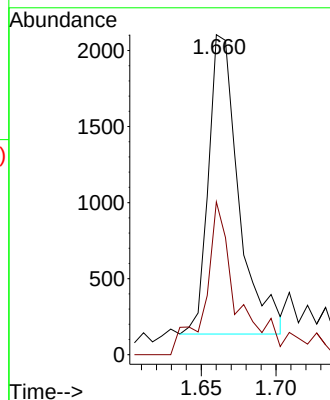
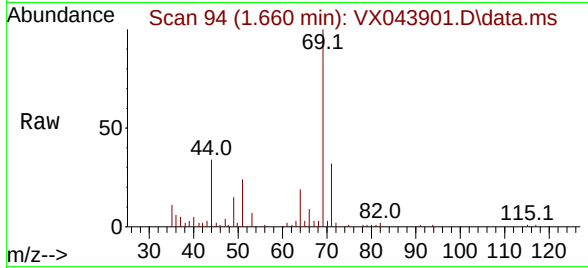




#8
Chloroethane
Concen: 2.223 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

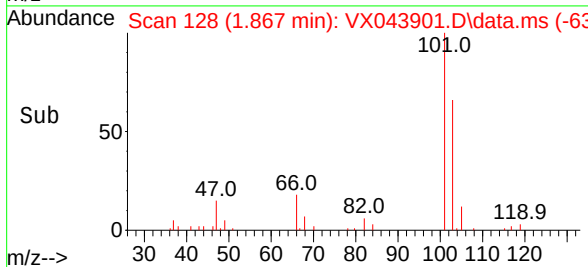
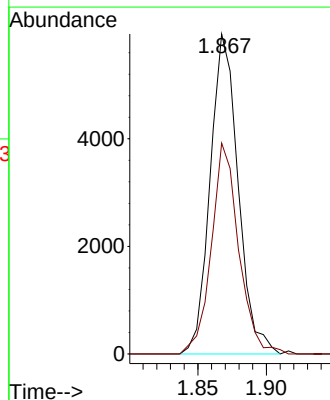
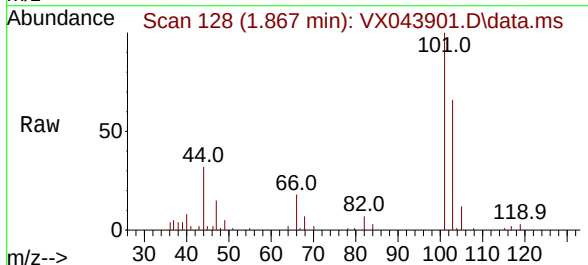
Instrument :
MSVOA_X
ClientSampleId :

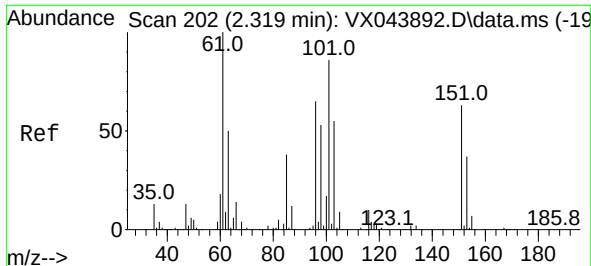
Tgt Ion: 64 Resp: 2776
Ion Ratio Lower Upper
64 100
66 47.8 21.5 39.9#



#9
Trichlorofluoromethane
Concen: 2.250 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Tgt Ion:101 Resp: 8448
Ion Ratio Lower Upper
101 100
103 63.4 50.8 76.2

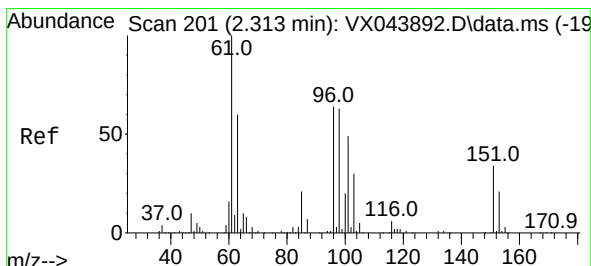
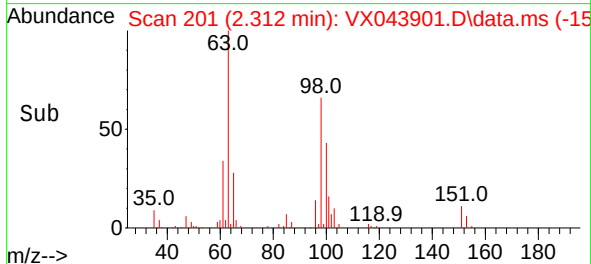
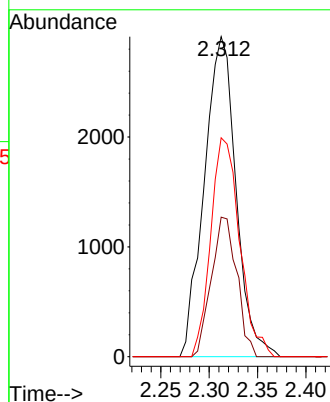
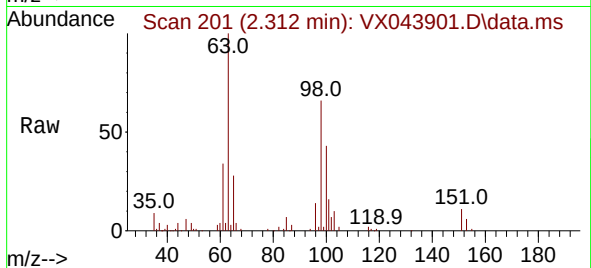




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.978 ug/L
RT: 2.312 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

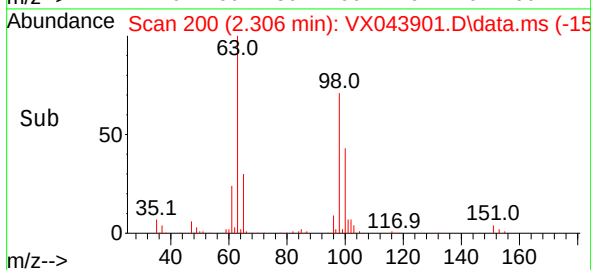
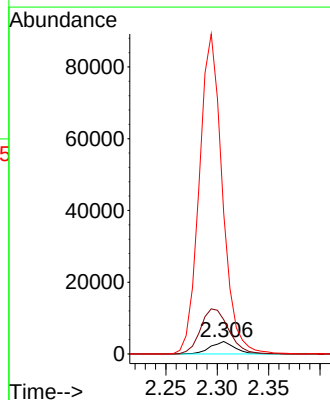
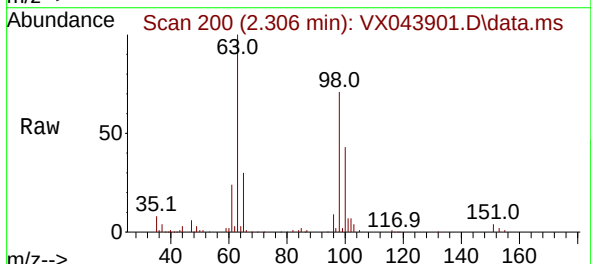
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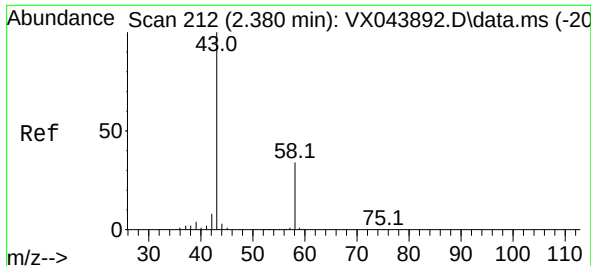
Tgt Ion:101 Resp: 6665
Ion Ratio Lower Upper
101 100
85 35.0 33.9 50.9
151 62.2 58.5 87.7



#12
1,1-Dichloroethene
Concen: 2.809 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Tgt Ion: 96 Resp: 5726
Ion Ratio Lower Upper
96 100
61 274.1 109.3 203.1#
63 1123.7 65.7 122.1#

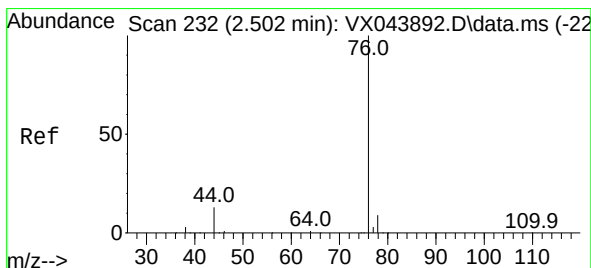
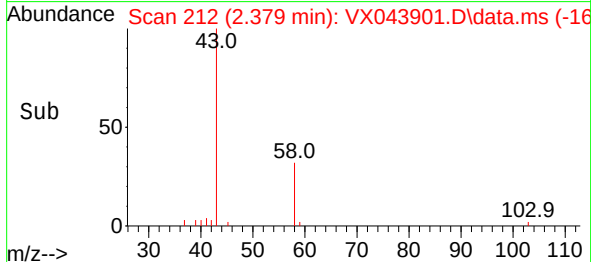
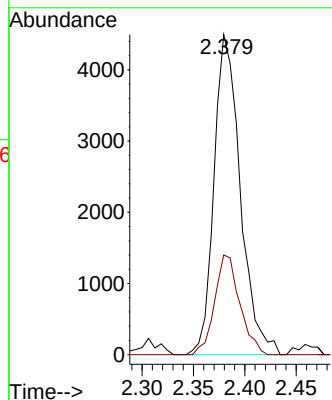
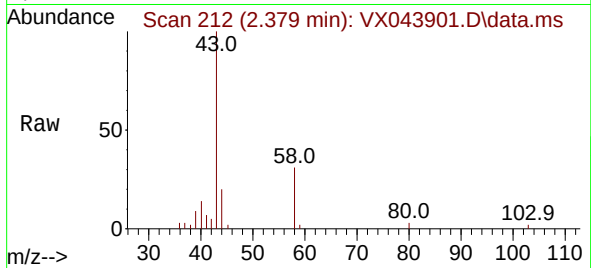




#13
Acetone
Concen: 5.755 ug/L
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

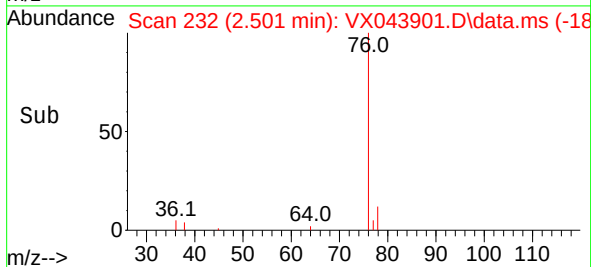
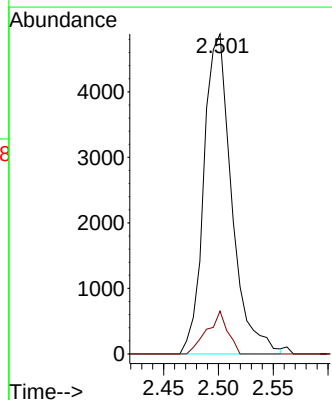
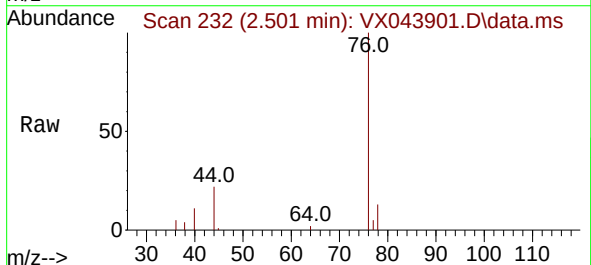
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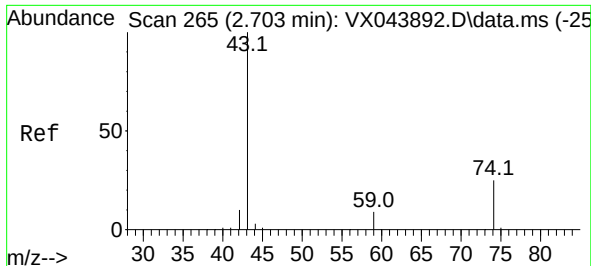
Tgt Ion: 43 Resp: 7978
Ion Ratio Lower Upper
43 100
58 29.8 0.0 66.0



#14
Carbon disulfide
Concen: 1.984 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Tgt Ion: 76 Resp: 8593
Ion Ratio Lower Upper
76 100
78 13.4 7.2 10.8#





#15

Methyl Acetate

Concen: 2.495 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX043901.D

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Instrument :

MSVOA_X

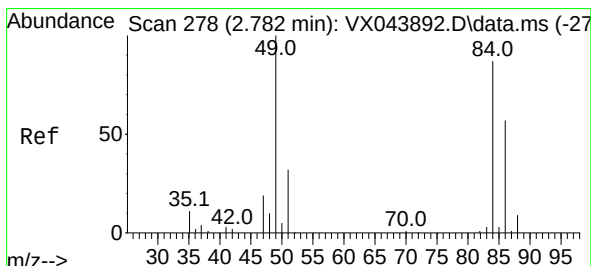
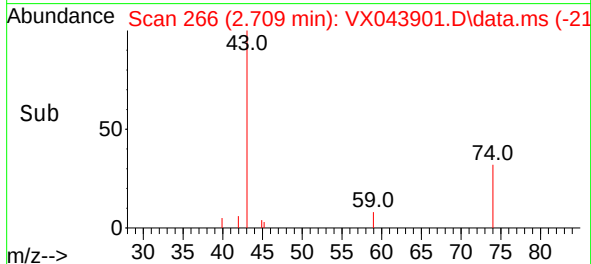
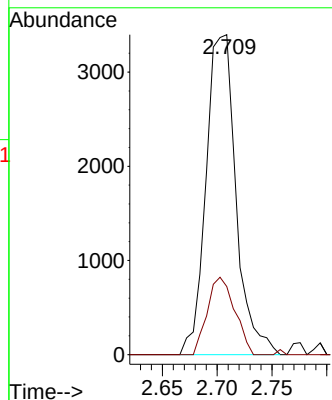
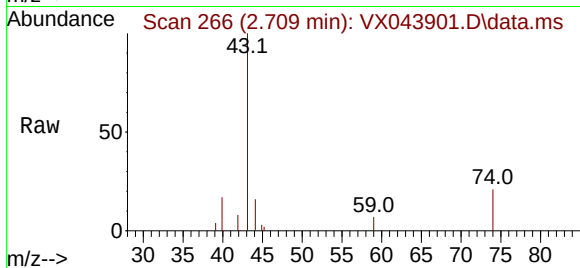
ClientSampleId :

Tgt Ion: 43 Resp: 6471

Ion Ratio Lower Upper

43 100

74 22.1 19.4 29.2



#16

Methylene chloride

Concen: 2.565 ug/L

RT: 2.776 min Scan# 277

Delta R.T. -0.006 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

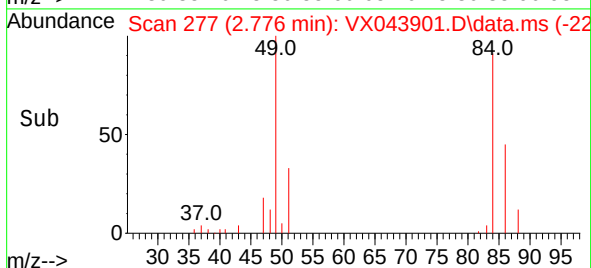
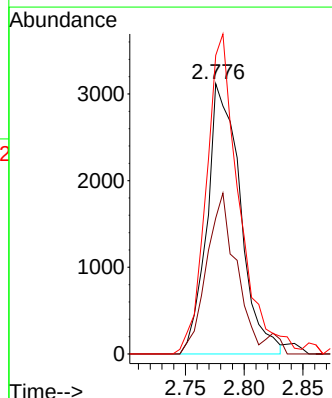
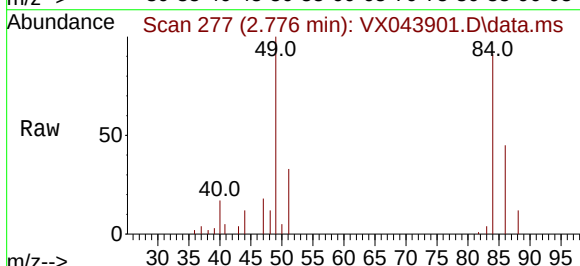
Tgt Ion: 84 Resp: 6129

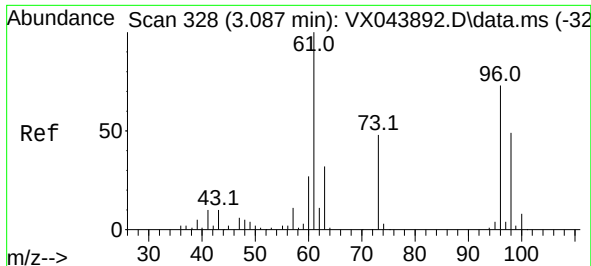
Ion Ratio Lower Upper

84 100

86 50.2 46.0 85.4

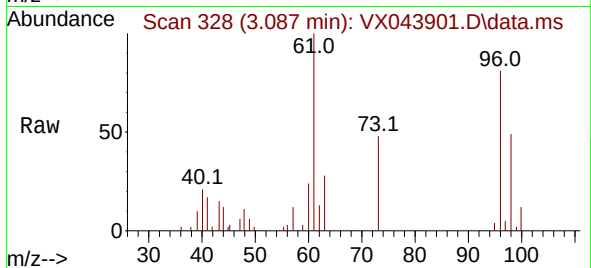
49 110.5 80.8 150.2



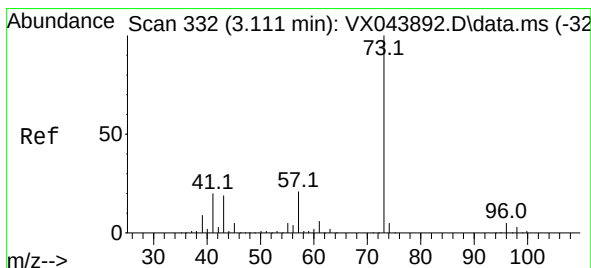
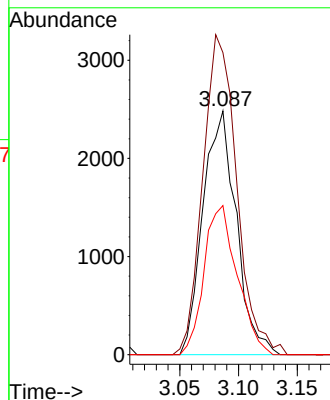
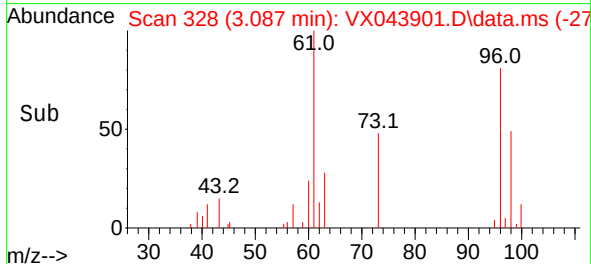


#17
trans-1,2-Dichloroethene
Concen: 2.242 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

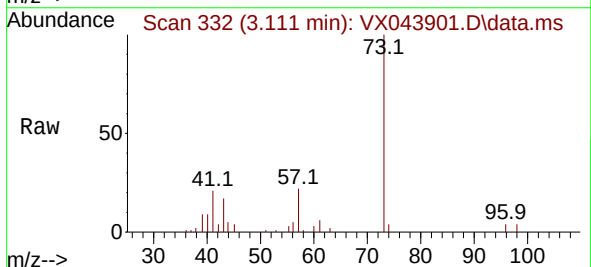
Instrument :
MSVOA_X
ClientSampleId :



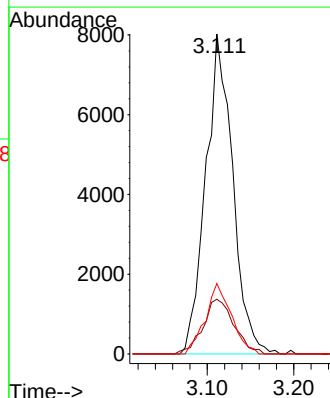
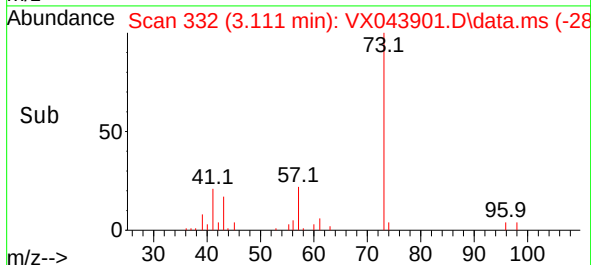
Tgt Ion: 96 Resp: 4893
Ion Ratio Lower Upper
96 100
61 124.0 95.7 177.7
98 61.2 47.2 87.6

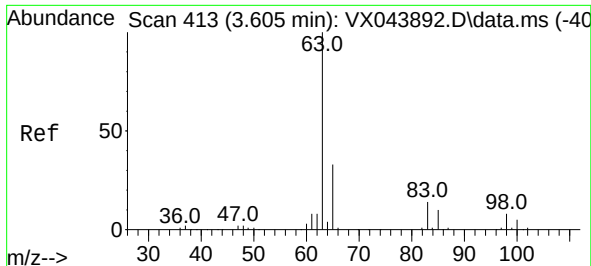


#18
Methyl tert-butyl Ether
Concen: 2.156 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35



Tgt Ion: 73 Resp: 17416
Ion Ratio Lower Upper
73 100
43 19.3 15.2 22.8
57 21.2 17.0 25.6





#19

1,1-Dichloroethane

Concen: 2.118 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX043901.D

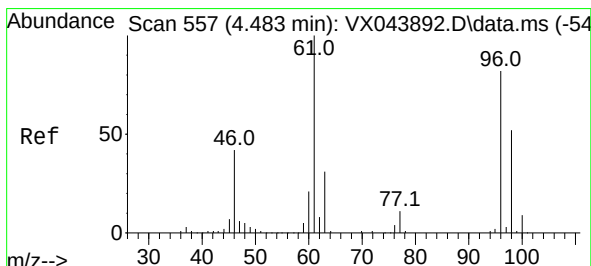
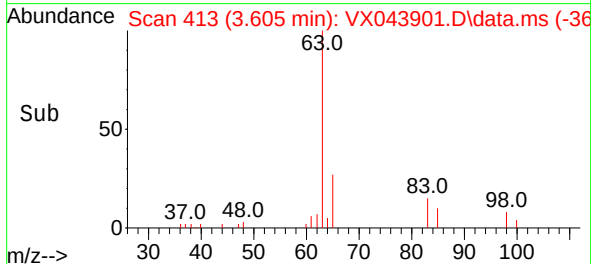
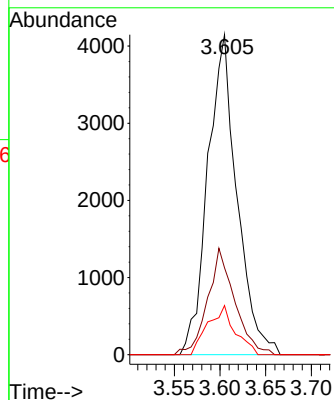
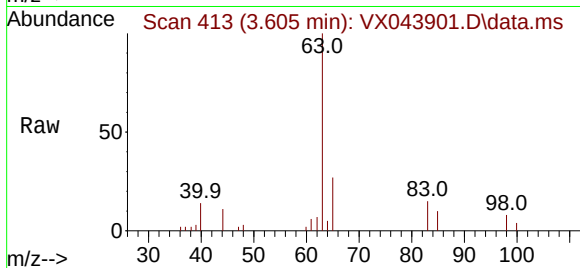
Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	9209
Ion	Ratio	Lower	Upper
63	100		
65	27.1	23.2	43.2
83	15.4	10.0	18.6



#20

cis-1,2-Dichloroethene

Concen: 2.158 ug/L

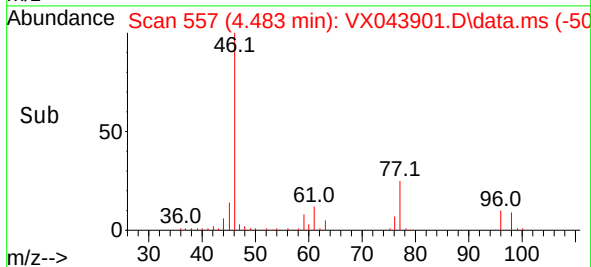
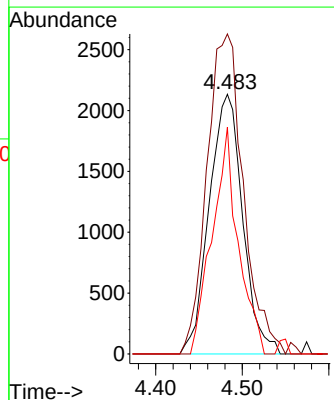
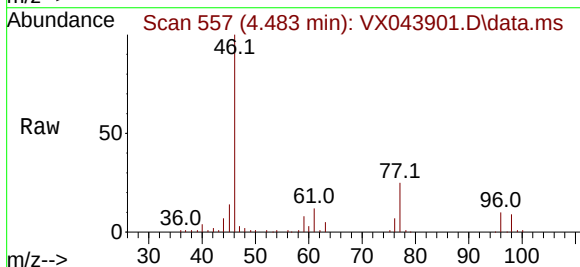
RT: 4.483 min Scan# 557

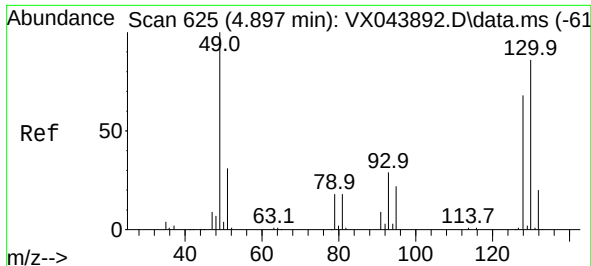
Delta R.T. -0.000 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Tgt Ion:	96	Resp:	5727
Ion	Ratio	Lower	Upper
96	100		
61	123.3	85.0	158.0
98	87.3	44.6	82.8





#23

Bromochloromethane

Concen: 1.363 ug/L

RT: 4.891 min Scan# 61

Delta R.T. -0.006 min

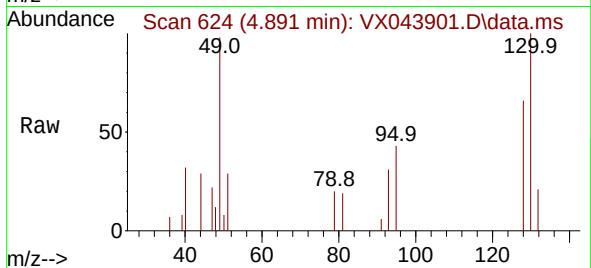
Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1862

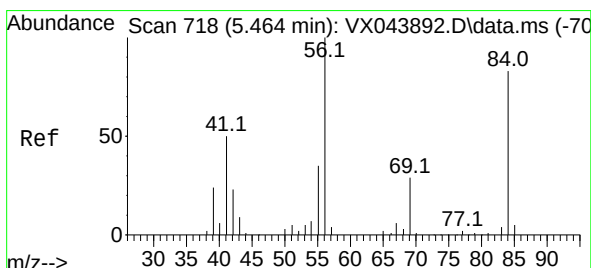
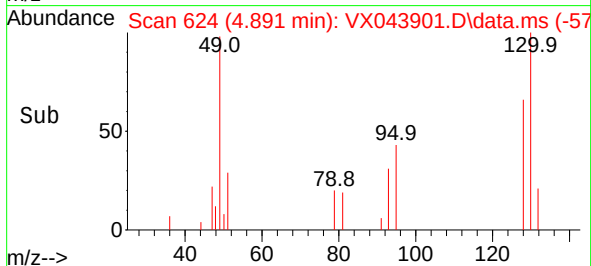
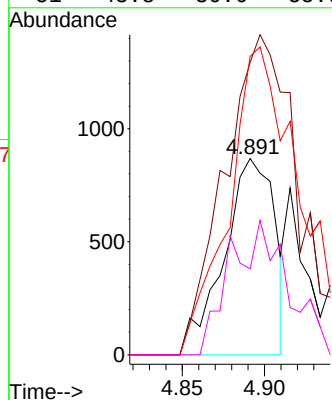
Ion Ratio Lower Upper

128 100

49 149.0 103.7 192.5

130 152.1 89.1 165.5

51 43.8 36.6 55.0



#29

Cyclohexane

Concen: 2.845 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

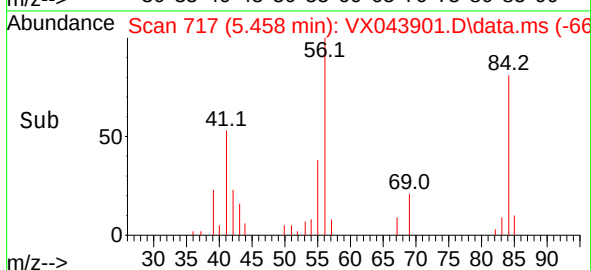
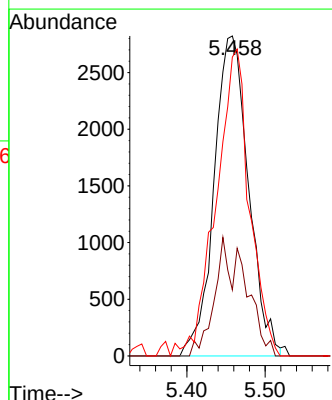
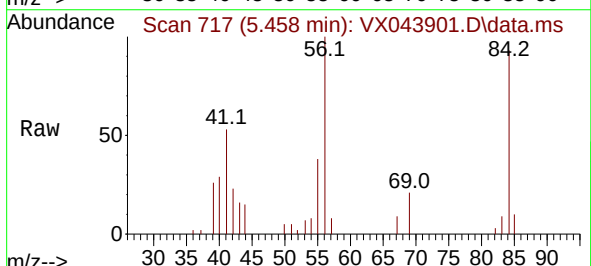
Tgt Ion: 56 Resp: 8648

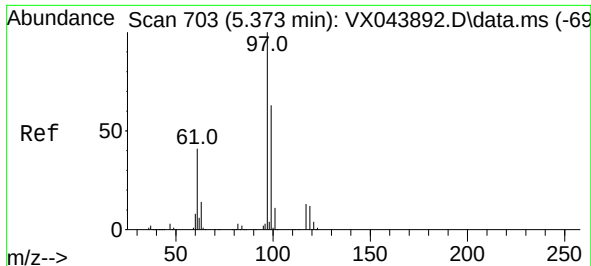
Ion Ratio Lower Upper

56 100

69 3.9 25.1 37.7#

84 90.4 72.9 109.3





#30

1,1,1-Trichloroethane

Concen: 2.693 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :

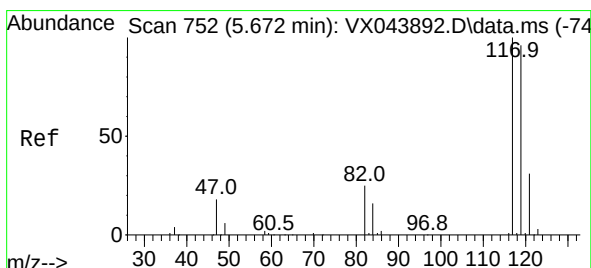
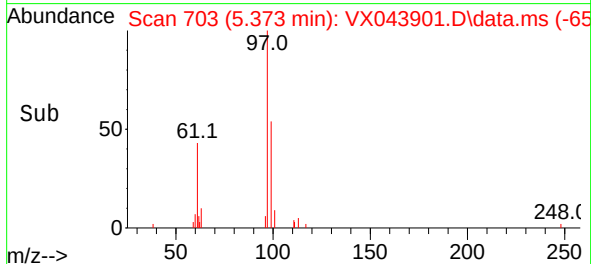
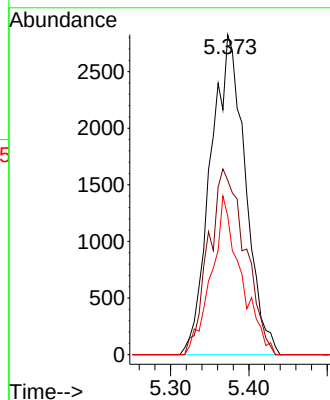
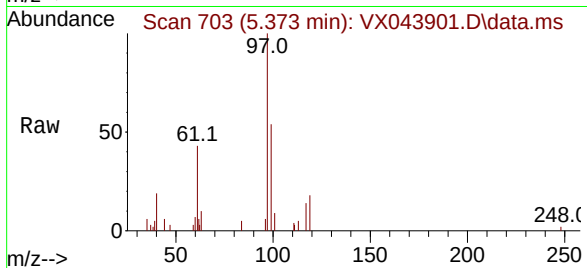
Tgt Ion: 97 Resp: 8682

Ion Ratio Lower Upper

97 100

99 17.9 52.2 78.2#

61 42.1 32.8 49.2



#31

Carbon tetrachloride

Concen: 2.596 ug/L

RT: 5.665 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX043901.D

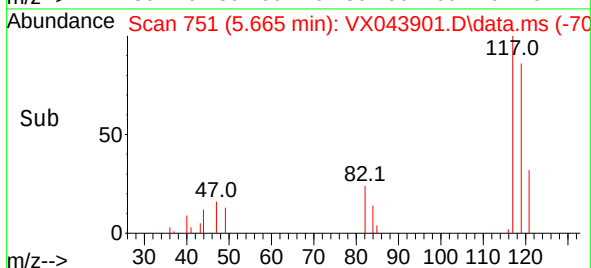
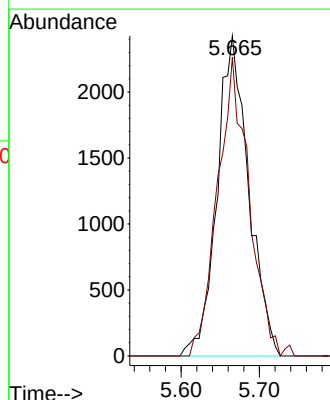
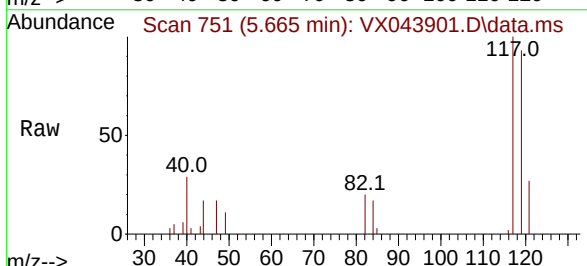
Acq: 19 Nov 2024 15:35

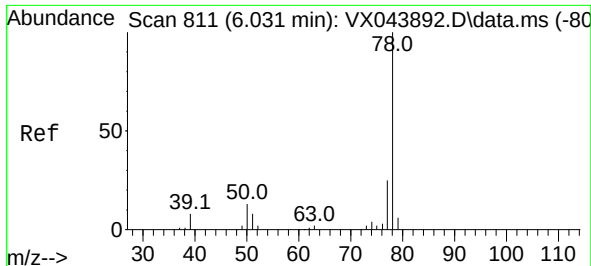
Tgt Ion: 117 Resp: 6789

Ion Ratio Lower Upper

117 100

119 92.9 77.7 116.5

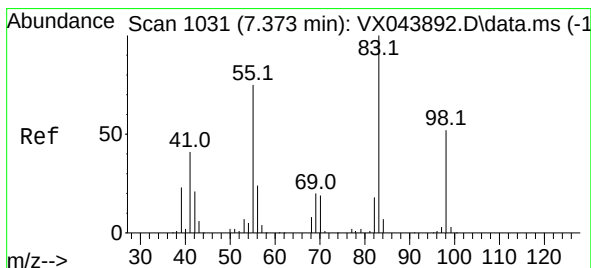
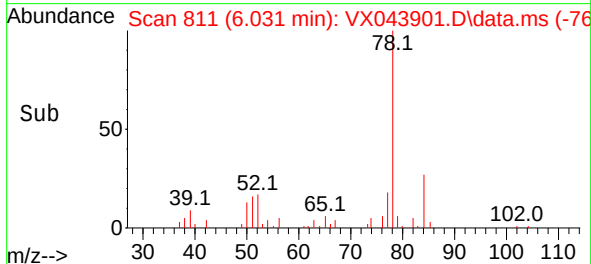
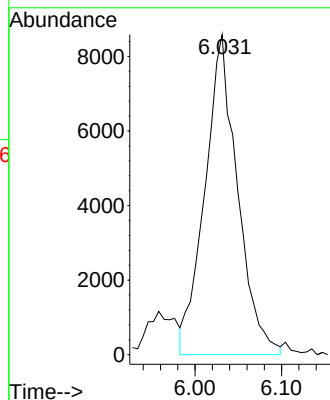
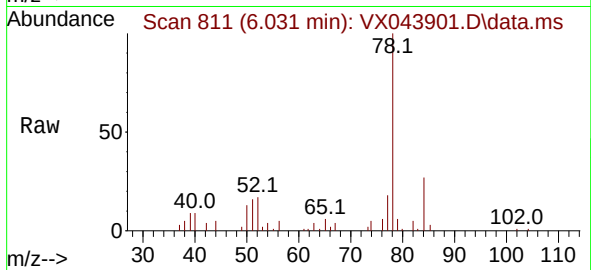




#33
Benzene
Concen: 2.872 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

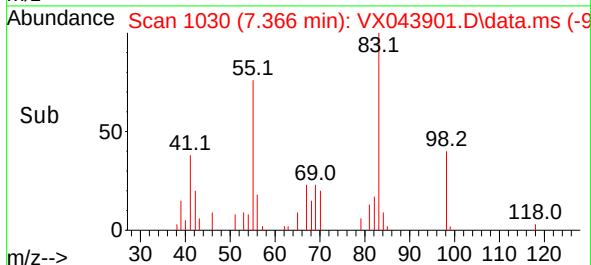
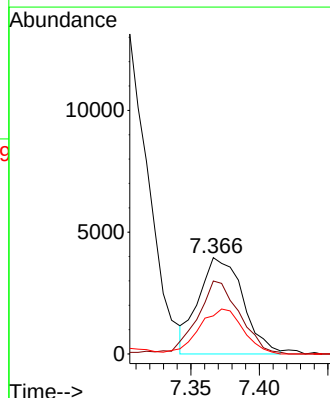
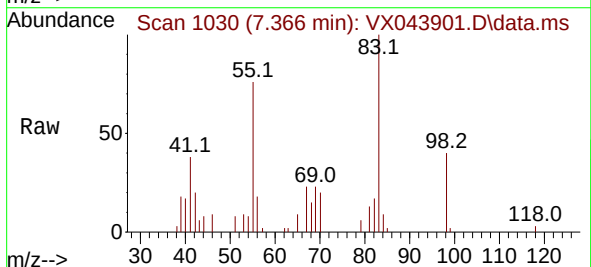
Instrument :
MSVOA_X
ClientSampleId :

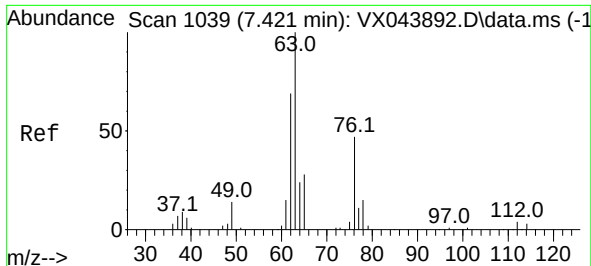
Tgt Ion: 78 Resp: 22432



#35
Methylcyclohexane
Concen: 3.029 ug/L
RT: 7.366 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Tgt Ion: 83 Resp: 8878
Ion Ratio Lower Upper
83 100
55 70.7 58.5 87.7
98 46.2 40.5 60.7

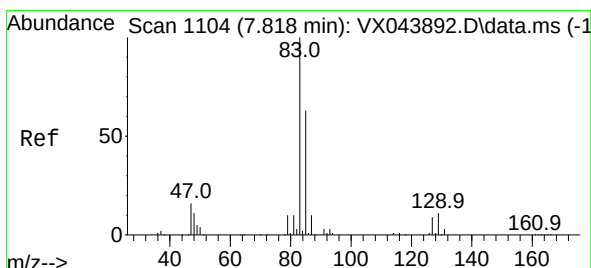
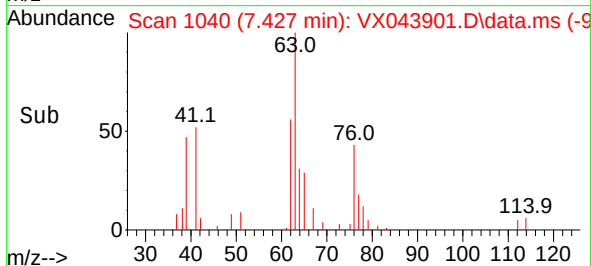
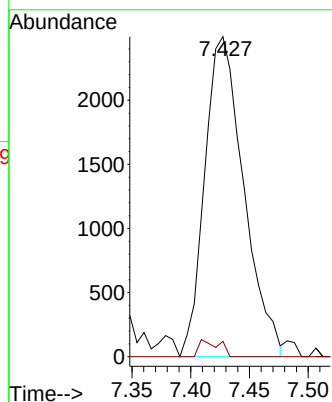
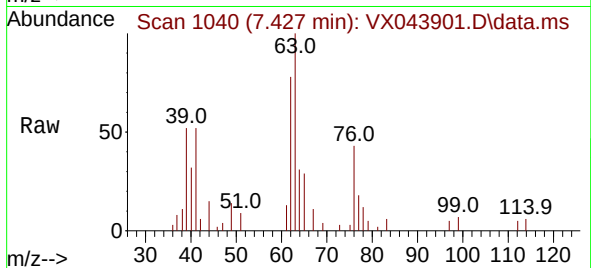




#37
1,2-Dichloropropane
Concen: 2.842 ug/L
RT: 7.427 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

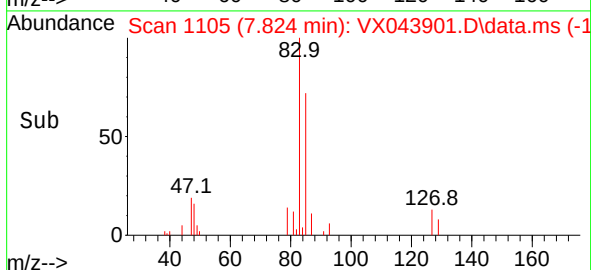
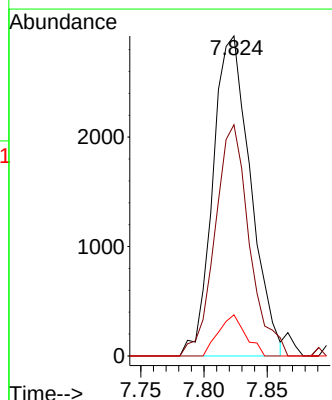
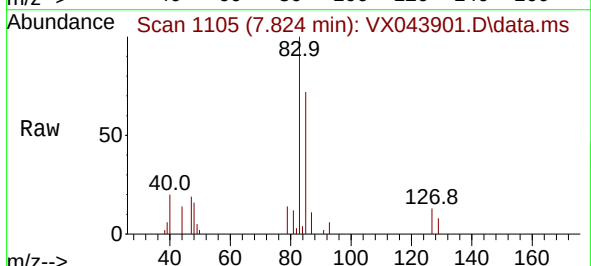
Instrument :
MSVOA_X
ClientSampleId :

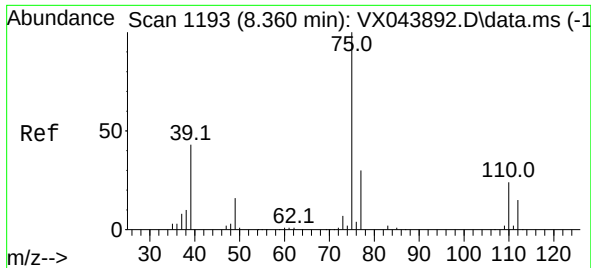
Tgt Ion: 63 Resp: 5762
Ion Ratio Lower Upper
63 100
112 0.8 3.6 5.4#



#38
Bromodichloromethane
Concen: 2.376 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Tgt Ion: 83 Resp: 6041
Ion Ratio Lower Upper
83 100
85 72.3 44.1 81.9
127 12.8 7.0 10.4#





#39

cis-1,3-Dichloropropene

Concen: 2.688 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

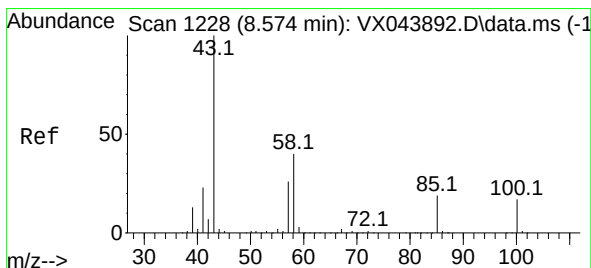
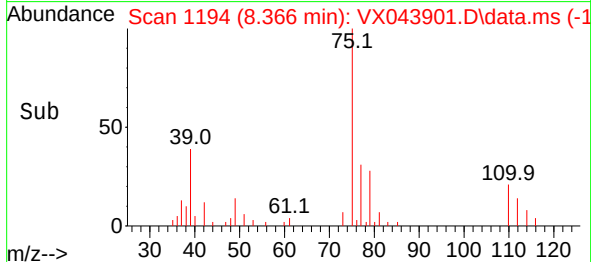
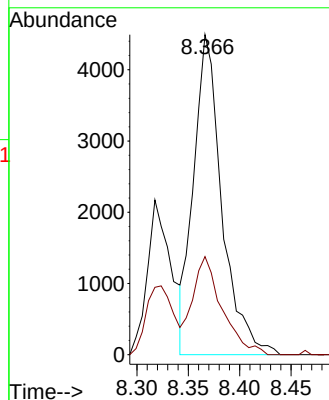
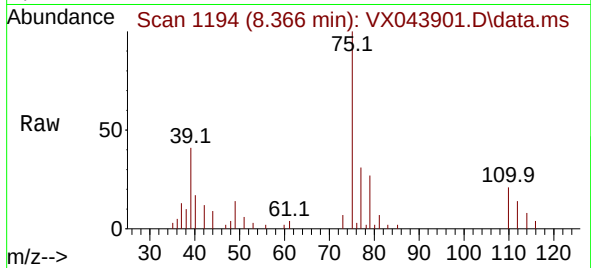
ClientSampleId :

Tgt Ion: 75 Resp: 8588

Ion Ratio Lower Upper

75 100

77 30.7 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 5.175 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

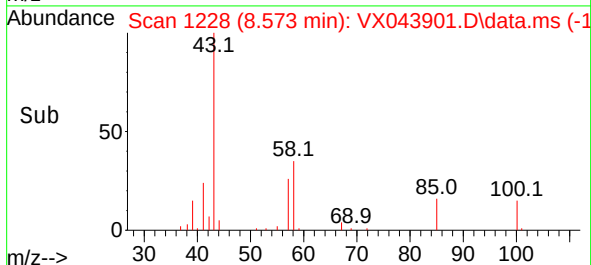
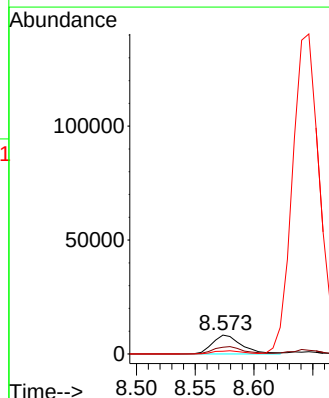
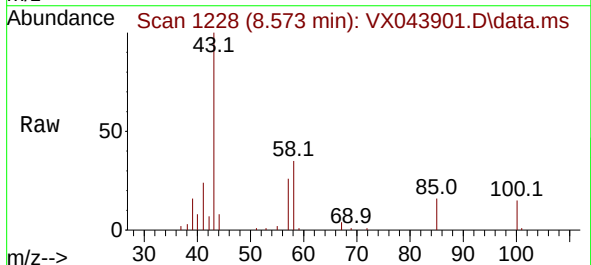
Tgt Ion: 43 Resp: 14363

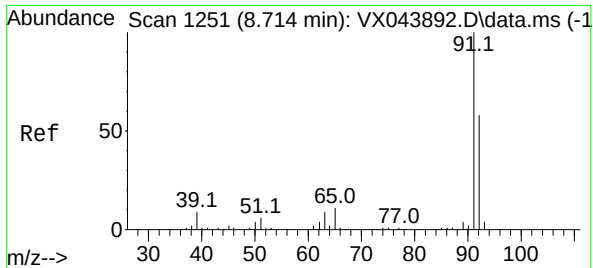
Ion Ratio Lower Upper

43 100

58 39.7 32.4 48.6

100 16.6 13.7 20.5





#42

Toluene

Concen: 2.825 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

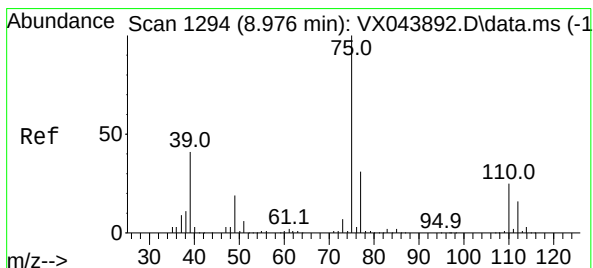
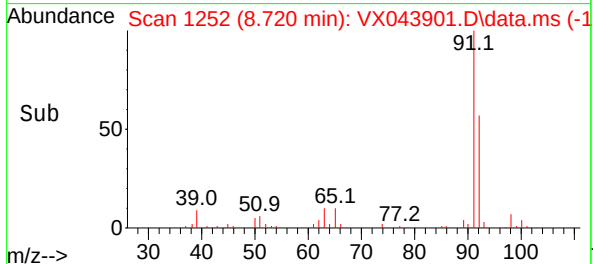
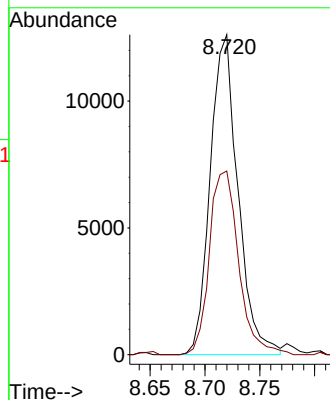
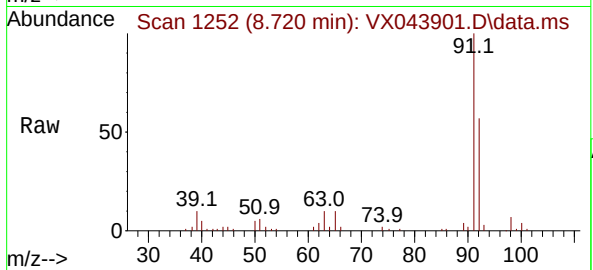
ClientSampleId :

Tgt Ion: 91 Resp: 22237

Ion Ratio Lower Upper

91 100

92 57.4 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 2.530 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043901.D

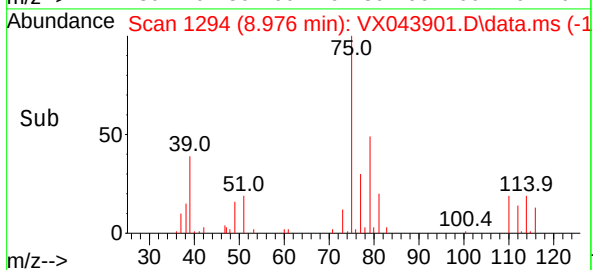
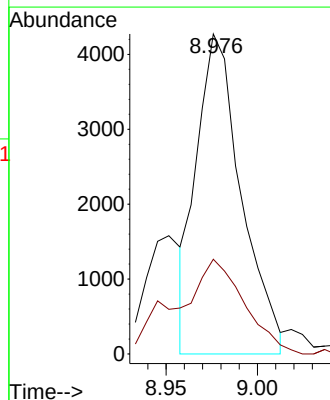
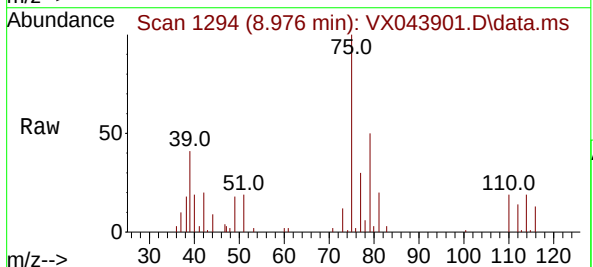
Acq: 19 Nov 2024 15:35

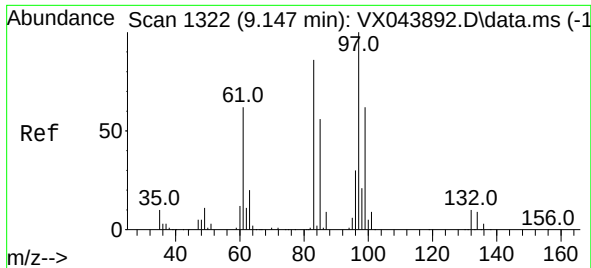
Tgt Ion: 75 Resp: 7263

Ion Ratio Lower Upper

75 100

77 29.6 21.8 40.6

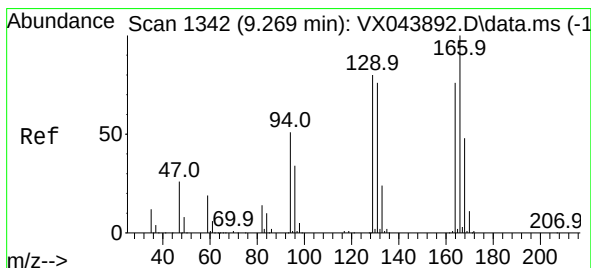
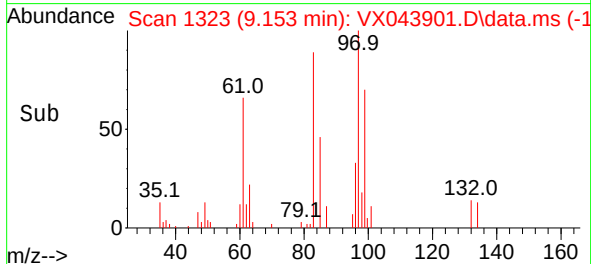
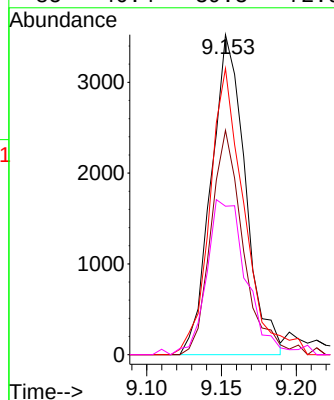
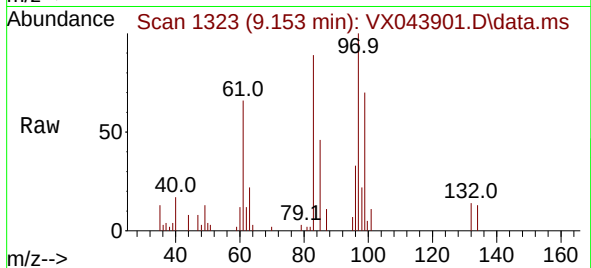




#45
1,1,2-Trichloroethane
Concen: 2.816 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

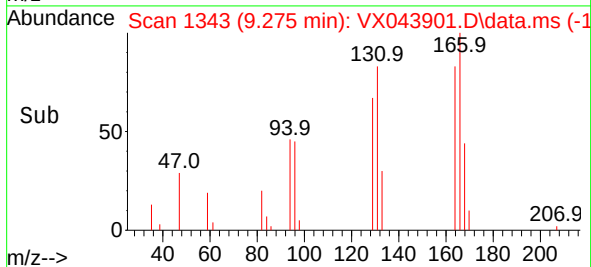
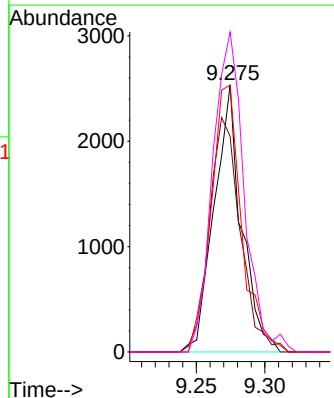
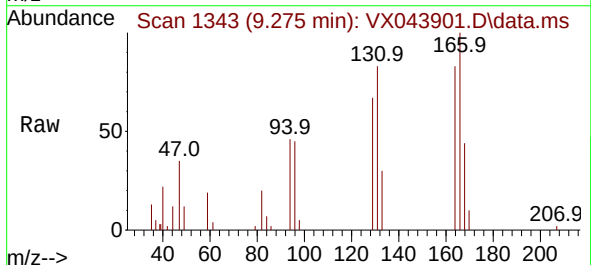
Instrument :
MSVOA_X
ClientSampleId :

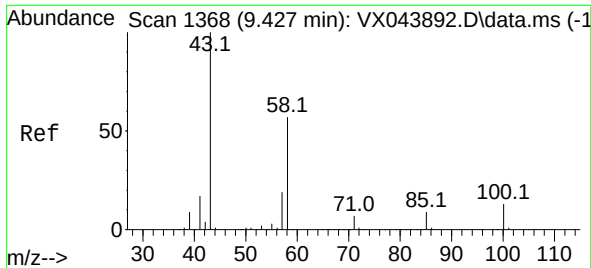
Tgt Ion: 97	Resp: 5613
Ion Ratio	Lower Upper
97 100	
99 75.5	43.4 80.6
83 89.4	60.2 111.8
85 46.4	39.3 72.9



#46
Tetrachloroethene
Concen: 2.518 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Tgt	Ion:164	Resp:	3517
Ion	Ratio	Lower	Upper
164	100		
129	80.9	73.6	136.6
131	100.2	70.2	130.4
166	120.0	92.0	170.8

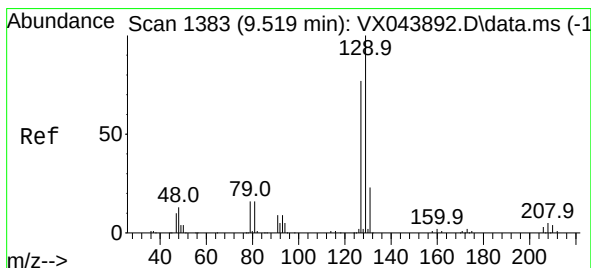
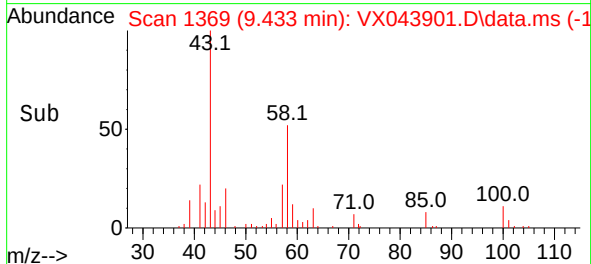
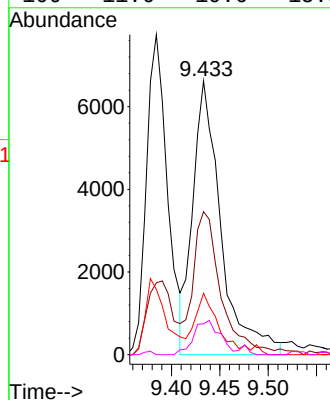
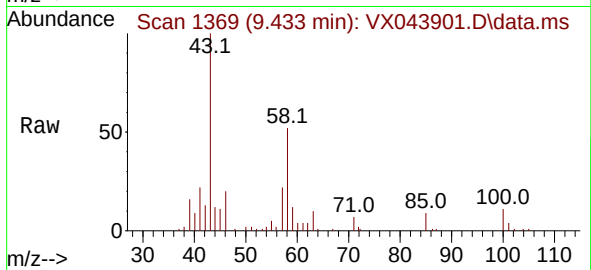




#48
2-Hexanone
Concen: 6.434 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

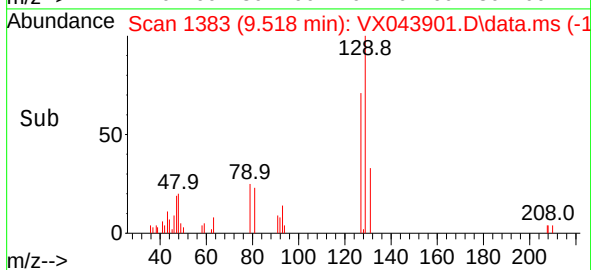
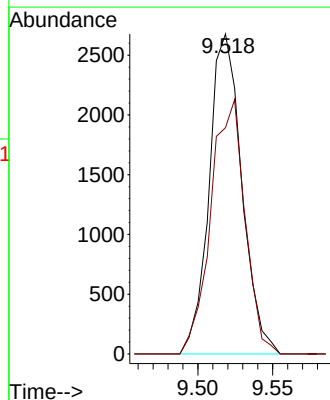
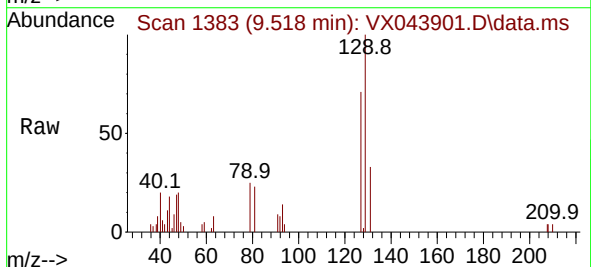
Instrument :
MSVOA_X
ClientSampleId :

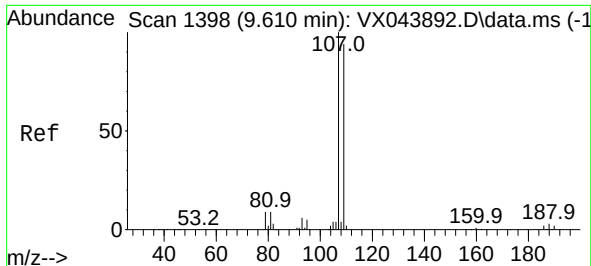
Tgt Ion: 43	Resp: 13479
Ion Ratio	Lower Upper
43 100	
58 48.5	45.4 68.2
57 18.7	15.4 23.0
100 11.6	10.6 15.8



#49
Dibromochloromethane
Concen: 2.206 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Tgt Ion:129	Resp: 4065		
Ion Ratio	Lower	Upper	
129 100			
127 70.7	53.5	99.5	





#50

1,2-Dibromoethane

Concen: 2.605 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX043901.D

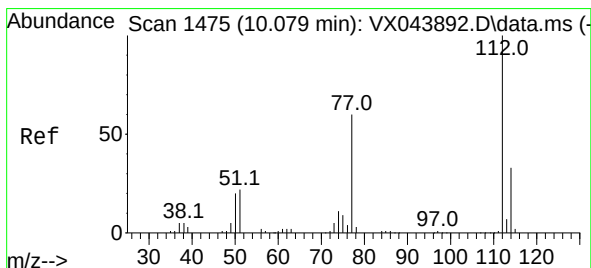
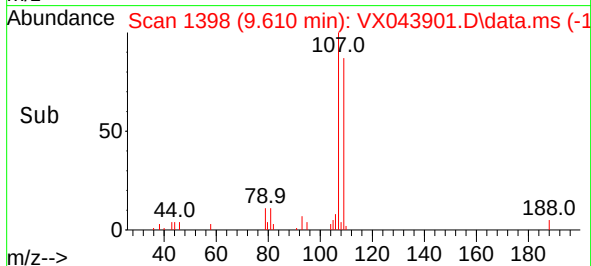
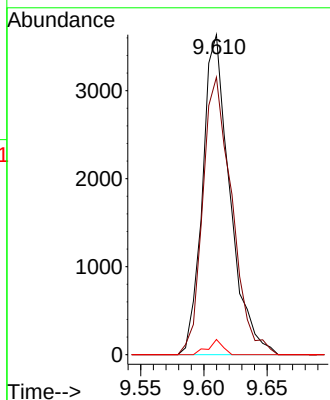
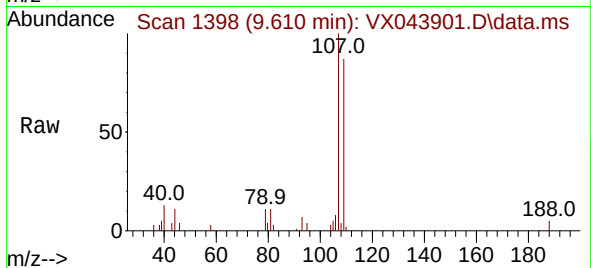
Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	5471
Ion Ratio	Lower	Upper
107	100	
109	86.7	65.5 121.7
188	4.8	2.6 4.0#



#51

Chlorobenzene

Concen: 2.387 ug/L

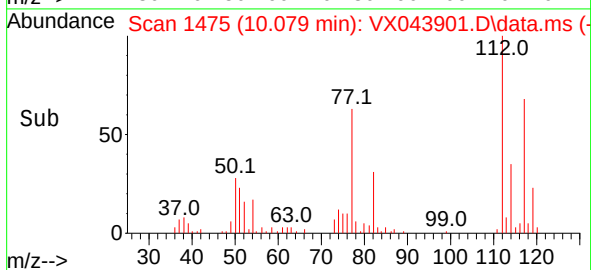
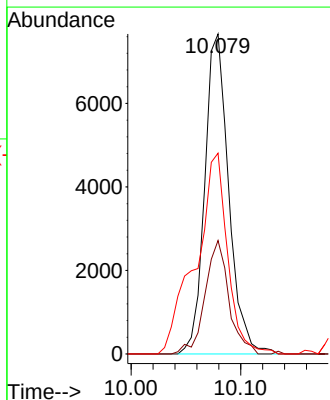
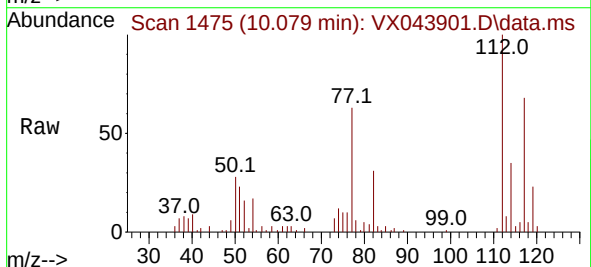
RT: 10.079 min Scan# 1475

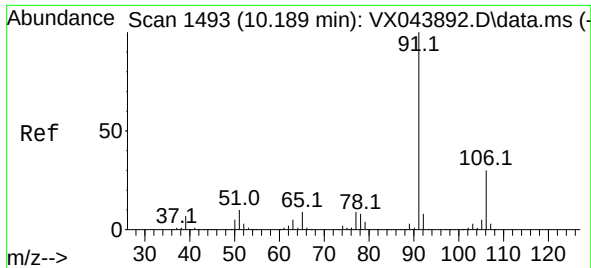
Delta R.T. -0.000 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Tgt Ion:112	Resp:	11656
Ion Ratio	Lower	Upper
112	100	
114	35.5	22.9 42.5
77	62.8	48.0 72.0

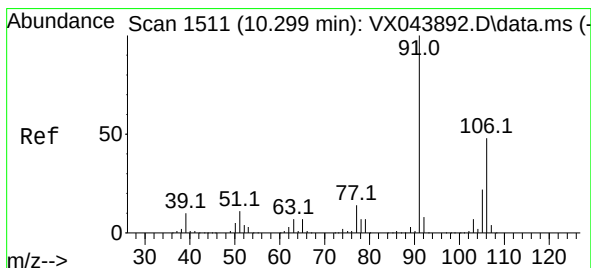
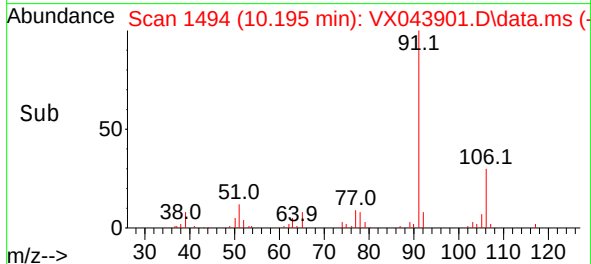
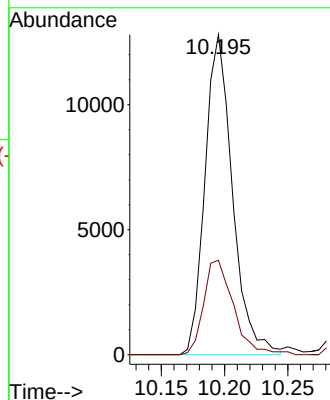
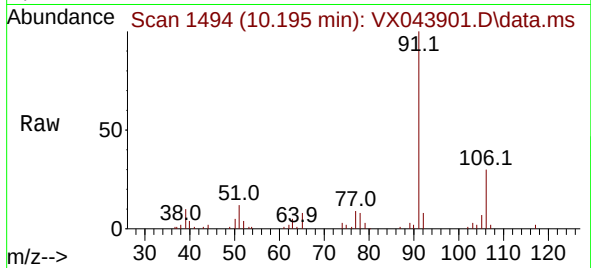




#52
Ethylbenzene
Concen: 2.334 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

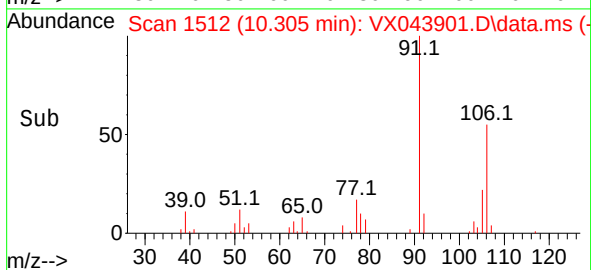
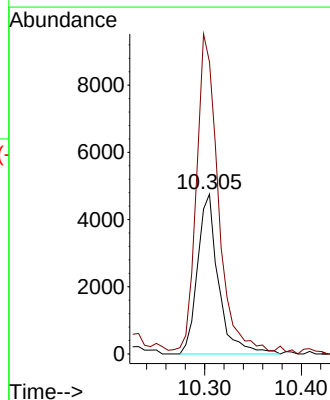
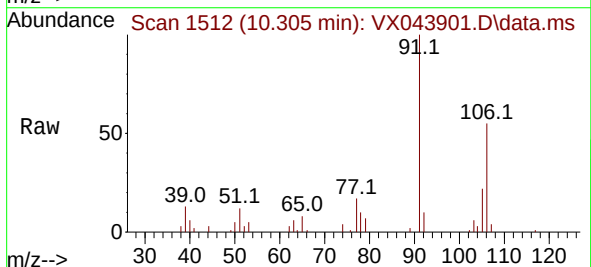
Instrument :
MSVOA_X
ClientSampleId :

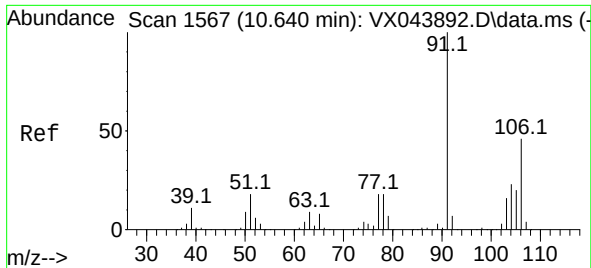
Tgt Ion: 91 Resp: 19365
Ion Ratio Lower Upper
91 100
106 29.5 21.1 39.1



#53
m,p-Xylene
Concen: 2.325 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Tgt Ion:106 Resp: 7163
Ion Ratio Lower Upper
106 100
91 182.7 147.5 273.9

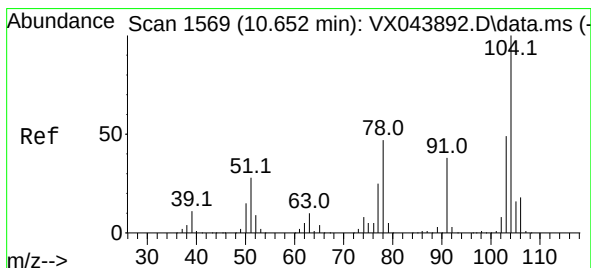
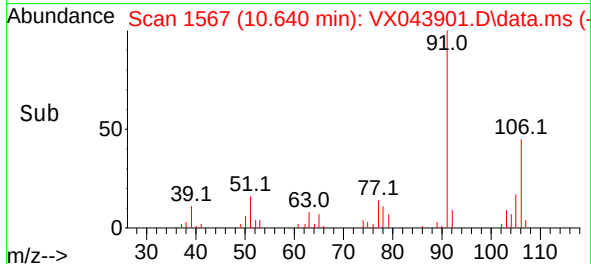
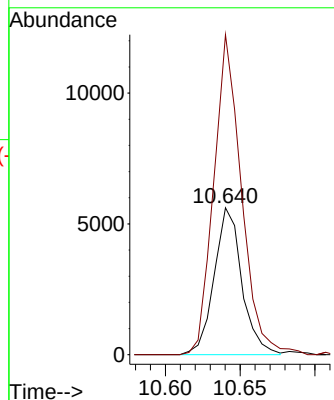
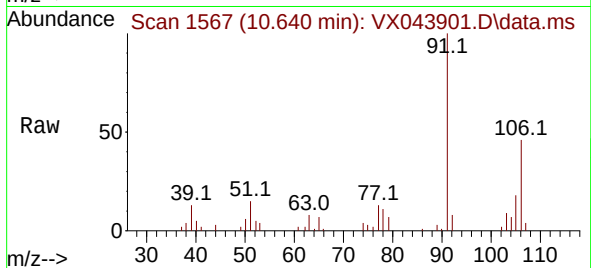




#54
o-Xylene
Concen: 2.334 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

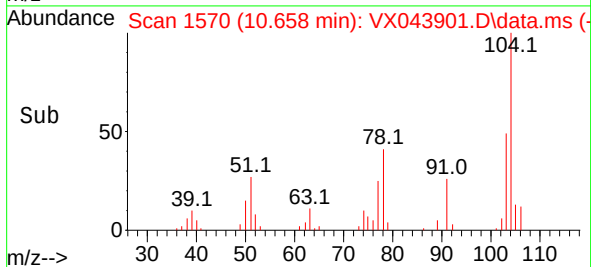
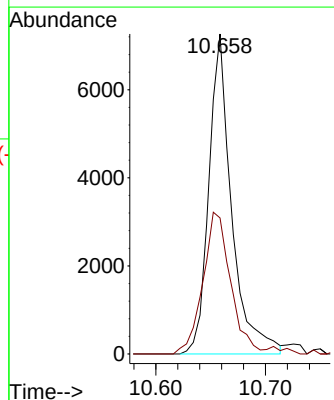
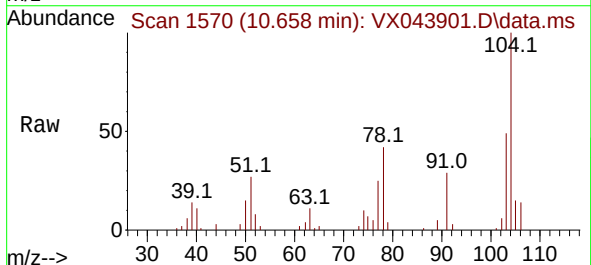
Instrument :
MSVOA_X
ClientSampleId :

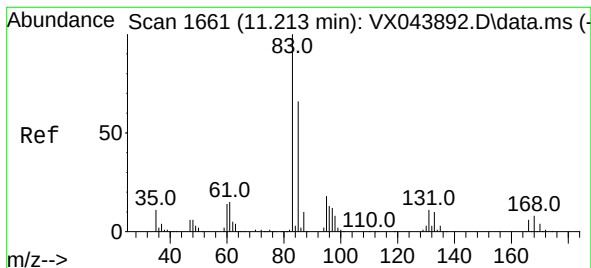
Tgt Ion:106 Resp: 7242
Ion Ratio Lower Upper
106 100
91 217.7 153.7 285.5



#55
Styrene
Concen: 2.041 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

Tgt Ion:104 Resp: 10481
Ion Ratio Lower Upper
104 100
78 42.5 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 2.603 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :

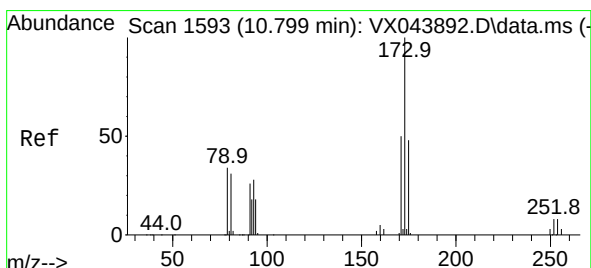
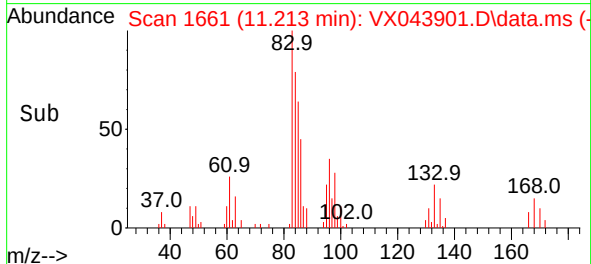
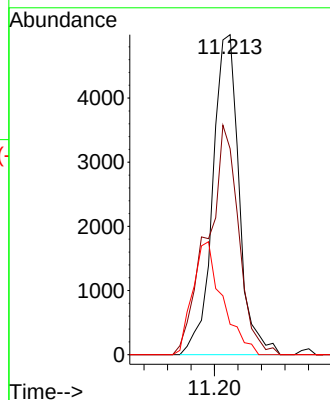
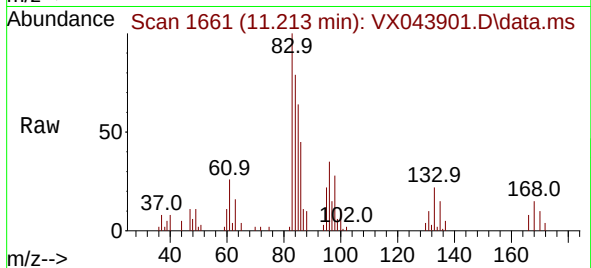
Tgt Ion: 83 Resp: 7767

Ion Ratio Lower Upper

83 100

85 64.4 46.0 85.4

131 9.5 8.8 13.2



#59

Bromoform

Concen: 1.915 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

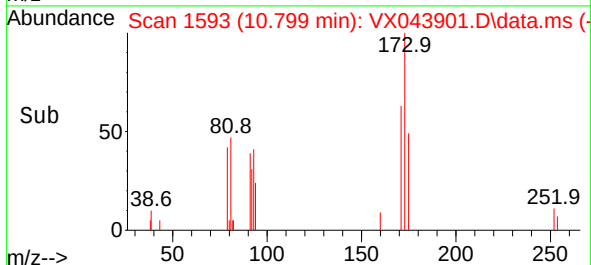
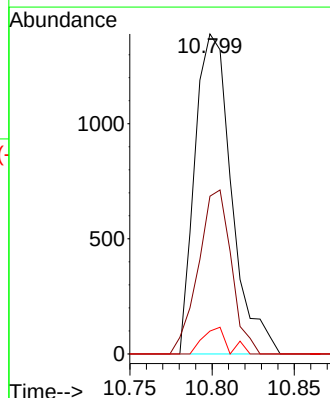
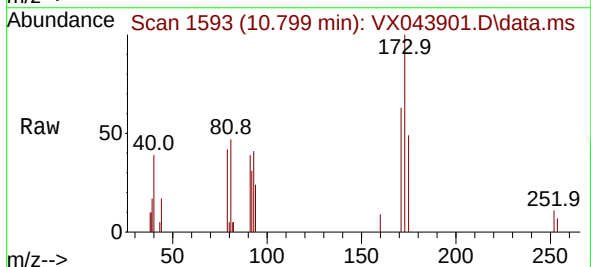
Tgt Ion:173 Resp: 2154

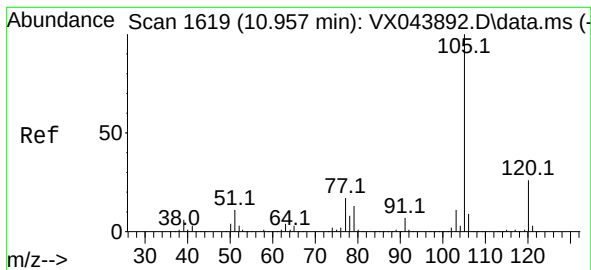
Ion Ratio Lower Upper

173 100

175 46.1 40.0 60.0

254 4.6 6.3 9.5#





#60

Isopropylbenzene

Concen: 2.220 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :

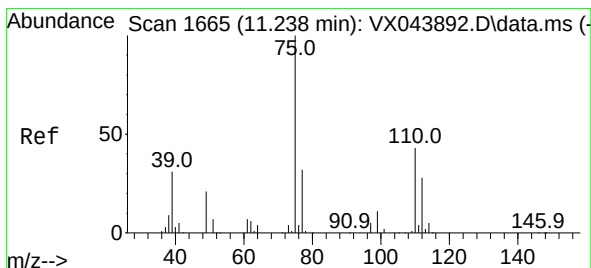
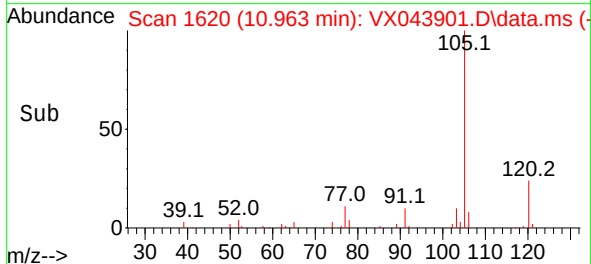
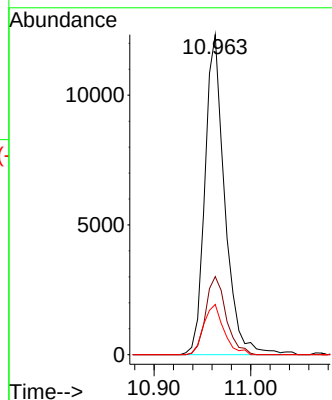
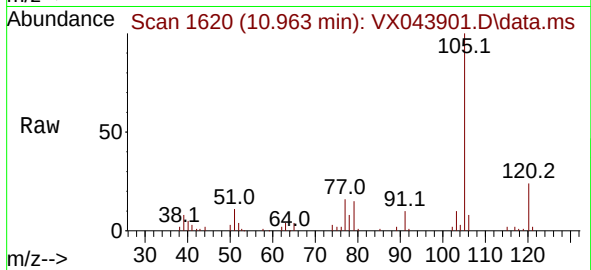
Tgt Ion:105 Resp: 17561

Ion Ratio Lower Upper

105 100

120 25.1 20.6 31.0

77 15.7 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 2.575 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

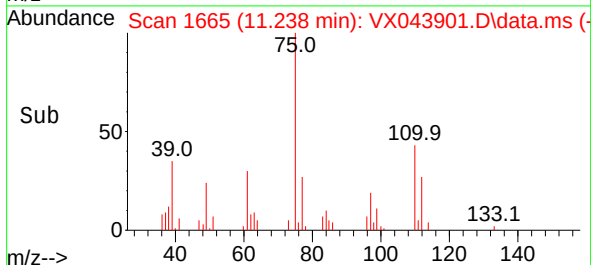
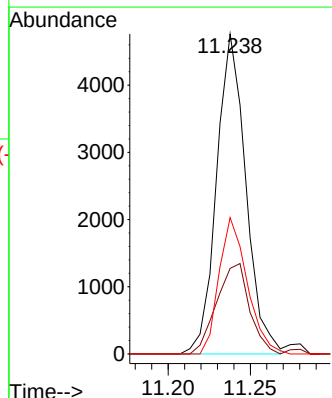
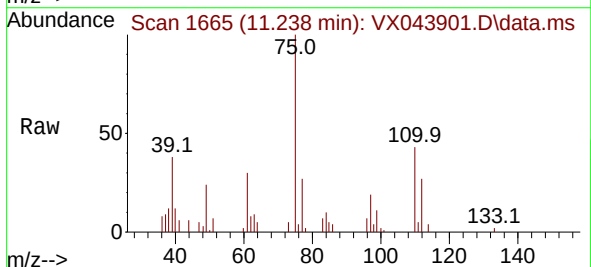
Tgt Ion: 75 Resp: 5889

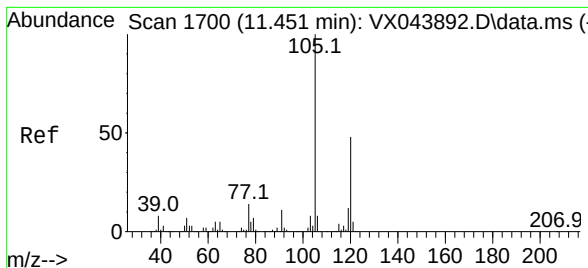
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

110 41.1 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 2.243 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

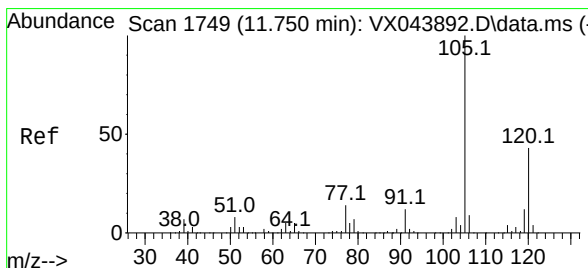
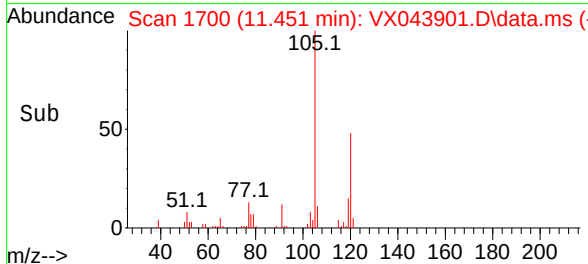
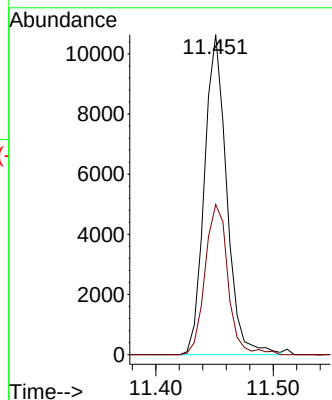
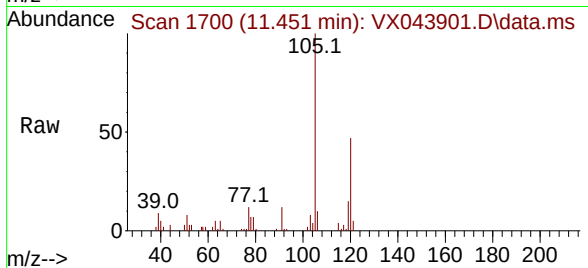
ClientSampleId :

Tgt Ion:105 Resp: 14019

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 2.307 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043901.D

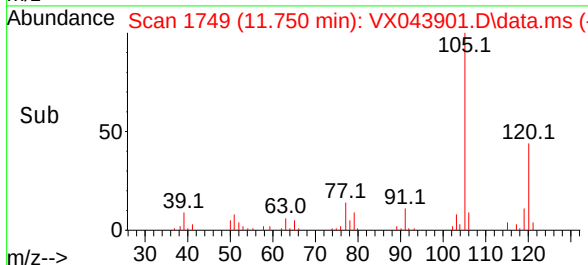
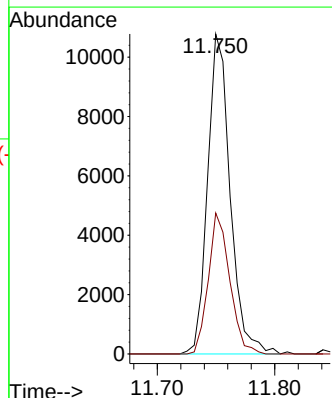
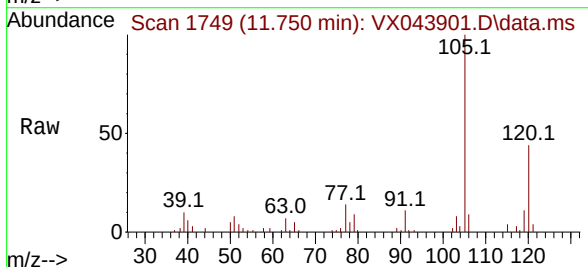
Acq: 19 Nov 2024 15:35

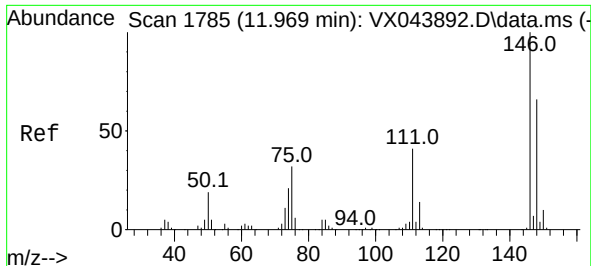
Tgt Ion:105 Resp: 14378

Ion Ratio Lower Upper

105 100

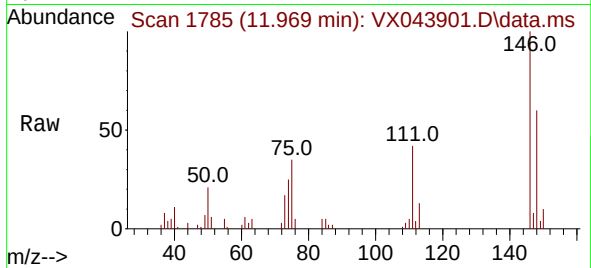
120 41.9 34.5 51.7



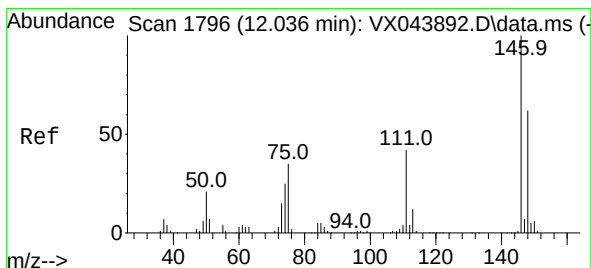
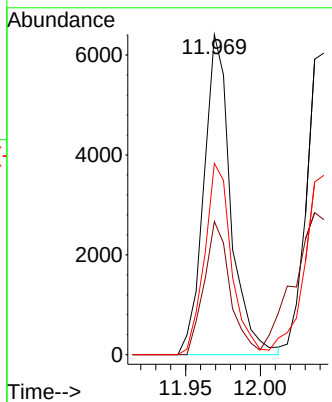
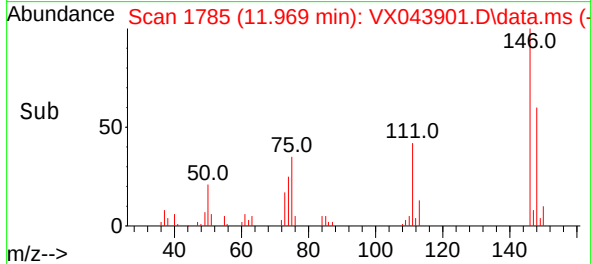


#64
1,3-Dichlorobenzene
Concen: 2.421 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35

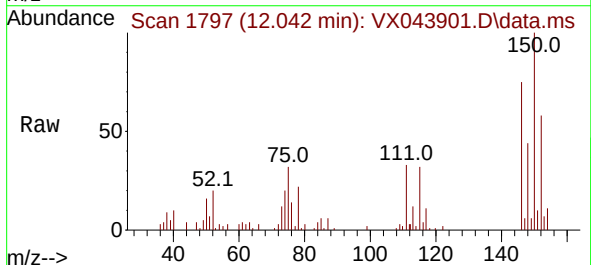
Instrument :
MSVOA_X
ClientSampleId :



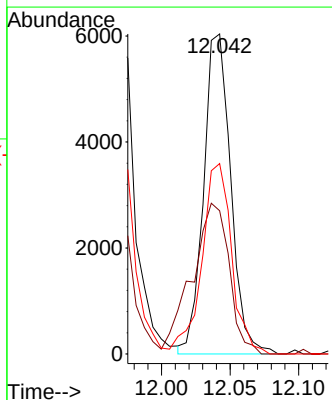
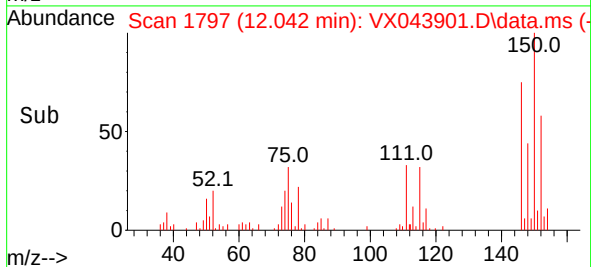
Tgt Ion:146 Resp: 8035
Ion Ratio Lower Upper
146 100
111 41.6 28.8 53.4
148 59.8 46.1 85.5

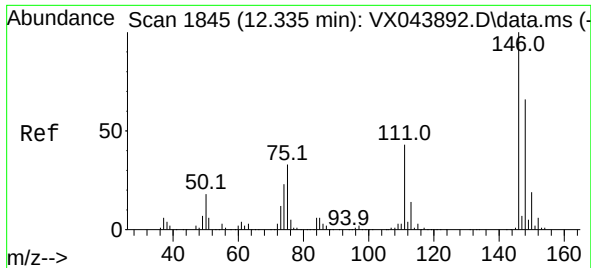


#65
1,4-Dichlorobenzene
Concen: 2.524 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX043901.D
Acq: 19 Nov 2024 15:35



Tgt Ion:146 Resp: 8318
Ion Ratio Lower Upper
146 100
111 44.8 29.5 54.7
148 59.5 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 2.506 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :

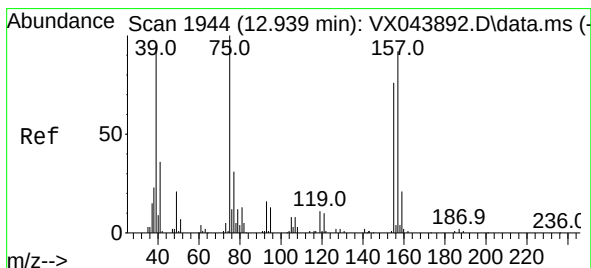
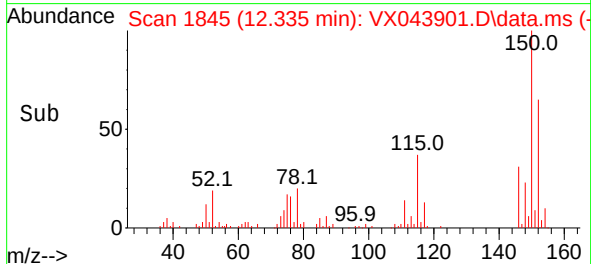
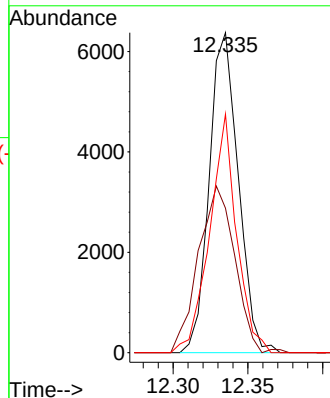
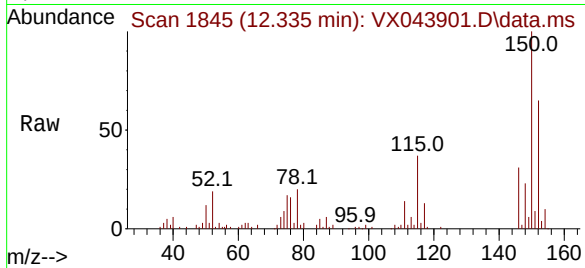
Tgt Ion:146 Resp: 8612

Ion Ratio Lower Upper

146 100

111 45.2 34.3 51.5

148 74.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 2.476 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

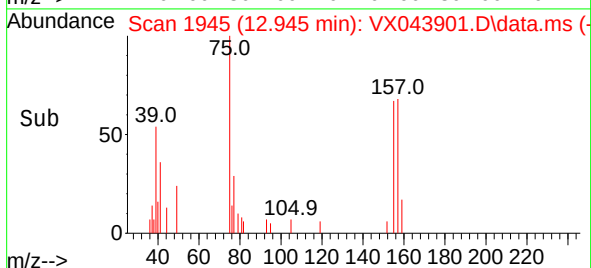
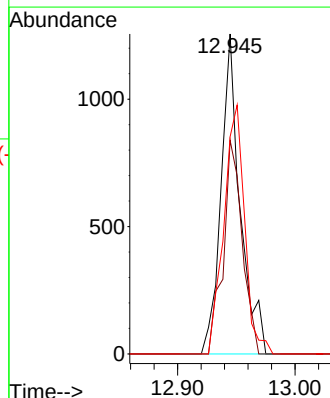
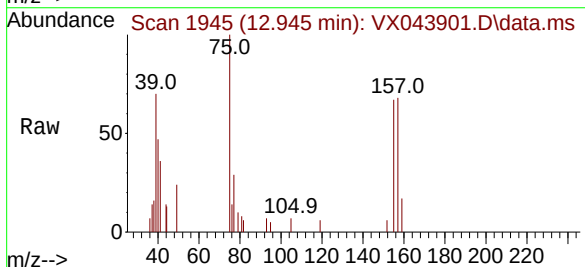
Tgt Ion: 75 Resp: 1417

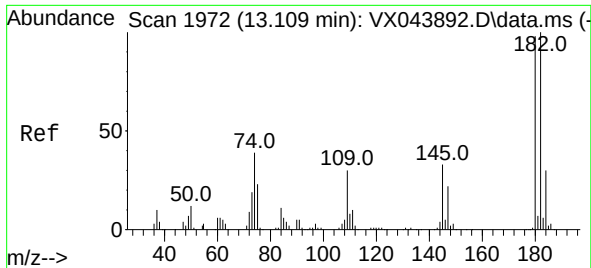
Ion Ratio Lower Upper

75 100

155 66.7 60.5 90.7

157 67.9 73.5 110.3#





#69

1,3,5-Trichlorobenzene

Concen: 2.465 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

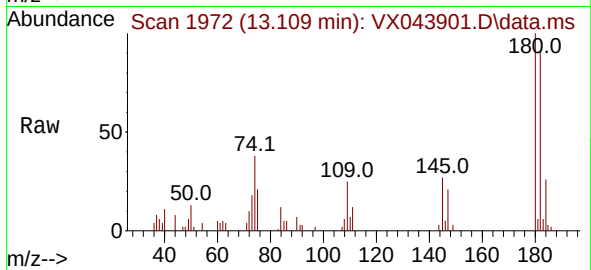
Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 5279

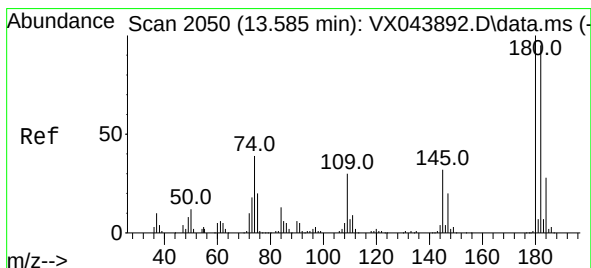
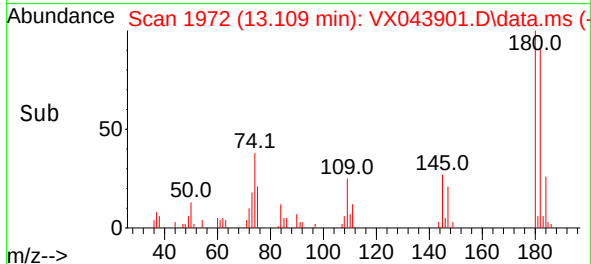
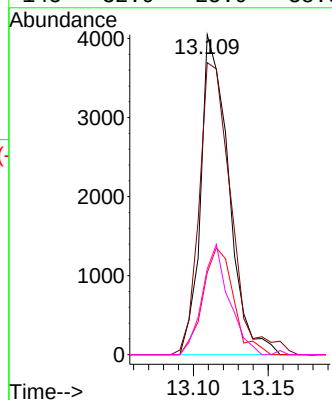
Ion Ratio Lower Upper

180 100

182 103.4 76.7 115.1

184 34.8 24.2 36.4

145 32.9 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 2.392 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

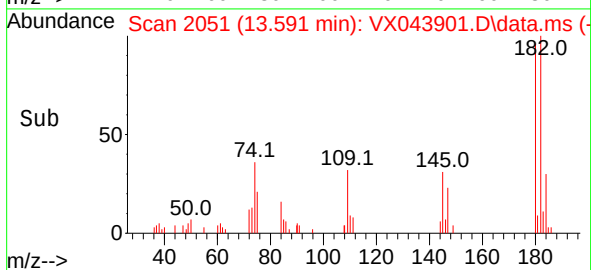
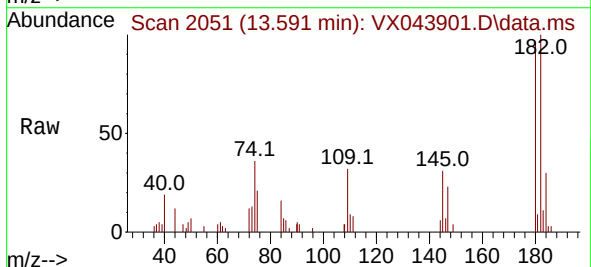
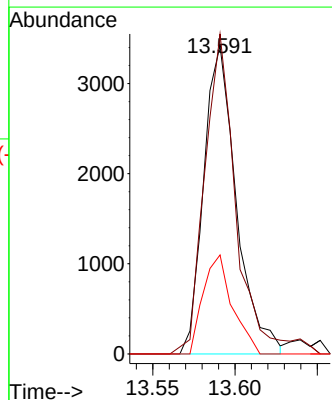
Tgt Ion:180 Resp: 4722

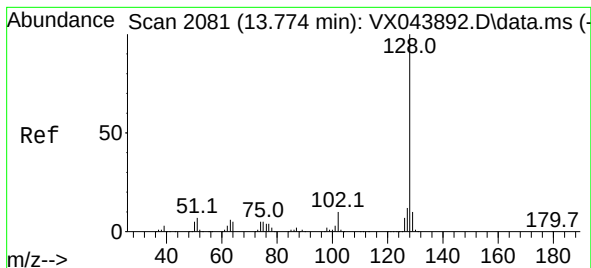
Ion Ratio Lower Upper

180 100

182 93.8 74.1 111.1

145 28.6 25.3 37.9





#71

Naphthalene

Concen: 2.439 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :

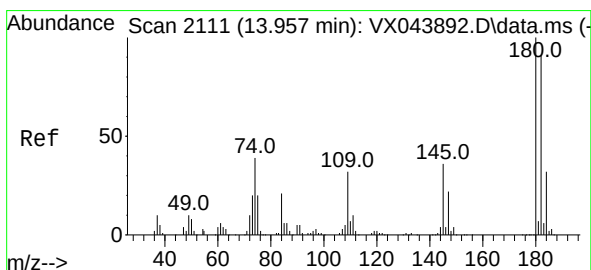
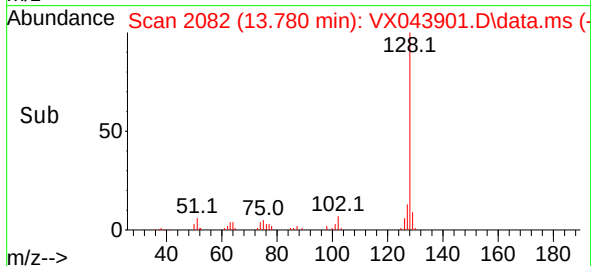
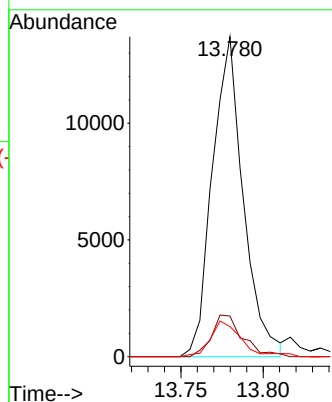
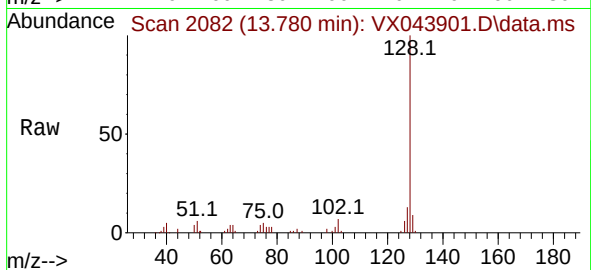
Tgt Ion:128 Resp: 17911

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 10.4 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 2.572 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX043901.D

Acq: 19 Nov 2024 15:35

Tgt Ion:180 Resp: 5117

Ion Ratio Lower Upper

180 100

182 100.5 73.8 110.6

145 33.9 27.4 41.2

