

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038628.D
 Acq On : 28 Oct 2023 02:36
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 28 04:46:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	435299	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	423521	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	242859	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	143206	48.732	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.460%
7) Chloroethane-d5	1.666	69	114852	50.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.680%
11) 1,1-Dichloroethene-d2	2.306	65	65547	50.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.300%
21) 2-Butanone-d5	4.452	46	236787	103.455	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.450%
24) Chloroform-d	5.056	84	302987	50.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.580%
26) 1,2-Dichloroethane-d4	5.958	65	187845	49.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.320%
32) Benzene-d6	5.977	84	586517	51.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.420%
36) 1,2-Dichloropropane-d6	7.306	67	170652	51.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.500%
41) Toluene-d8	8.647	98	580715	50.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.700%
43) trans-1,3-Dichloroprop...	8.952	79	83062	51.052	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.100%
47) 2-Hexanone-d5	9.384	63	203210	104.351	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.350%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	280272	51.623	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	244458	51.266	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	181492	52.397	ug/L	100
3) Chloromethane	1.294	50	139332	52.274	ug/L	99
5) Vinyl chloride	1.374	62	153481	51.957	ug/L	99
6) Bromomethane	1.605	94	116317	57.080	ug/L	99
8) Chloroethane	1.685	64	91692	51.678	ug/L	97
9) Trichlorofluoromethane	1.886	101	253727	52.524	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	154264	52.708	ug/L	98
12) 1,1-Dichloroethene	2.319	96	140414	51.776	ug/L	98
13) Acetone	2.374	43	149102	98.077	ug/L	100
14) Carbon disulfide	2.514	76	383621	51.550	ug/L	100
15) Methyl Acetate	2.703	43	161425	52.236	ug/L	99
16) Methylene chloride	2.788	84	152688	51.391	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	146421	52.184	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	450798	52.631	ug/L	100
19) 1,1-Dichloroethane	3.611	63	246738	52.352	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	168450	51.869	ug/L	98
22) 2-Butanone	4.556	43	237286	104.147	ug/L	100
23) Bromochloromethane	4.904	128	89853	51.716	ug/L	96
25) Chloroform	5.093	83	285738	52.353	ug/L	97

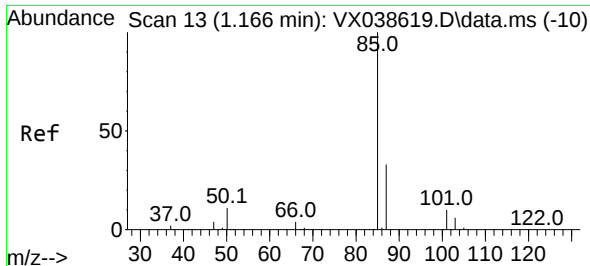
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
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 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:45:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	221633	52.828	ug/L	99
29) Cyclohexane	5.471	56	214991	52.432	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	249536	52.710	ug/L	100
31) Carbon tetrachloride	5.678	117	223133	52.745	ug/L	100
33) Benzene	6.037	78	589005	52.710	ug/L	100
34) Trichloroethene	7.123	95	172821	52.788	ug/L	98
35) Methylcyclohexane	7.379	83	251047	53.211	ug/L	98
37) 1,2-Dichloropropane	7.427	63	145780	52.353	ug/L	99
38) Bromodichloromethane	7.824	83	207273	53.146	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	230218	53.278	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	445698	106.469	ug/L	100
42) Toluene	8.720	91	673830	53.557	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	222159	53.870	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	165321	52.551	ug/L	98
46) Tetrachloroethene	9.275	164	143127	52.883	ug/L	98
48) 2-Hexanone	9.427	43	363081	108.411	ug/L	100
49) Dibromochloromethane	9.519	129	178538	53.800	ug/L	99
50) 1,2-Dibromoethane	9.610	107	189222	53.286	ug/L	99
51) Chlorobenzene	10.079	112	456151	52.977	ug/L	98
52) Ethylbenzene	10.195	91	760787	53.731	ug/L	100
53) m,p-Xylene	10.299	106	299867	53.513	ug/L	98
54) o-Xylene	10.640	106	292212	53.745	ug/L	99
55) Styrene	10.653	104	498466	53.918	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	275427	52.795	ug/L	98
59) Bromoform	10.799	173	142706	53.614	ug/L	100
60) Isopropylbenzene	10.963	105	781412	53.198	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	211547	52.099	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	662112	53.991	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	657369	54.406	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	383931	52.663	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	388279	51.711	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	373589	52.212	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	66072	53.686	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	278305	53.137	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	257376	52.281	ug/L	100
71) Naphthalene	13.774	128	784969	53.206	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	251017	52.290	ug/L	100

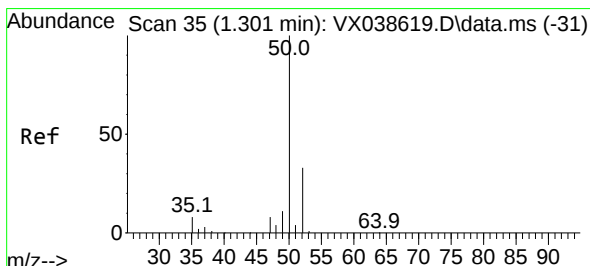
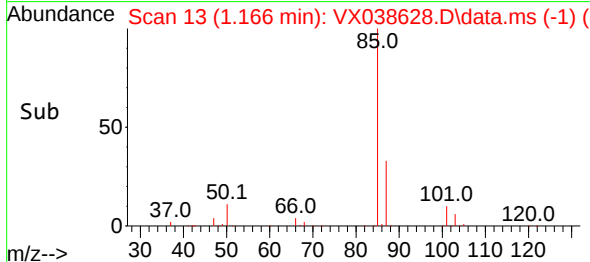
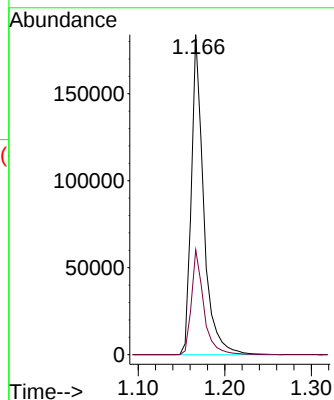
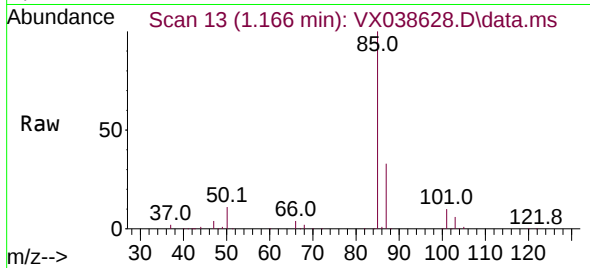
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 52.397 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038628.D
 Acq: 28 Oct 2023 02:36

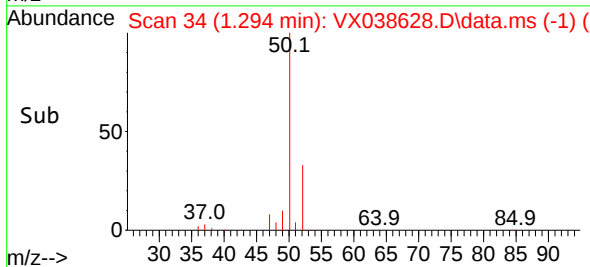
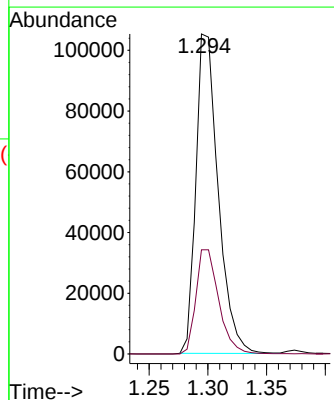
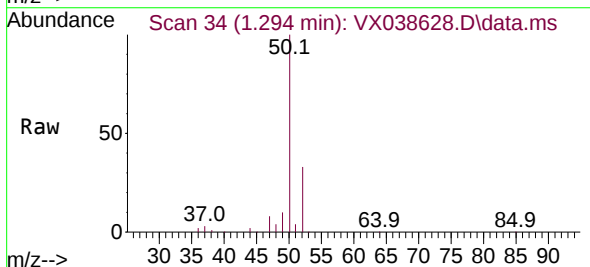
Instrument :
 MSVOA_X
 ClientSampleId :

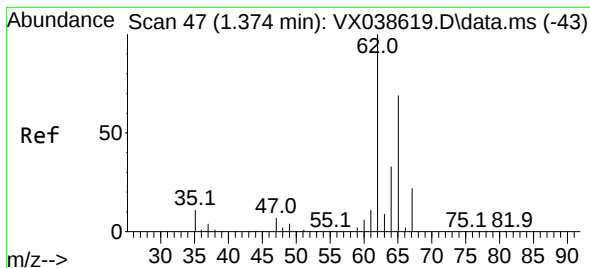
Tgt Ion: 85 Resp: 181492
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.1 39.1



#3
 Chloromethane
 Concen: 52.274 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VX038628.D
 Acq: 28 Oct 2023 02:36

Tgt Ion: 50 Resp: 139332
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.3 43.3

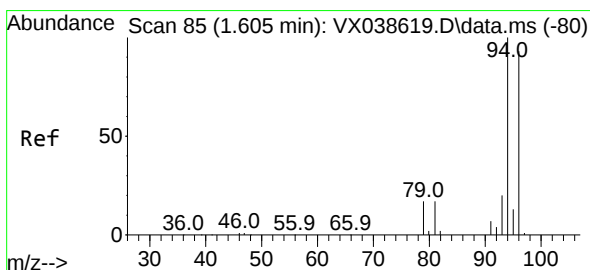
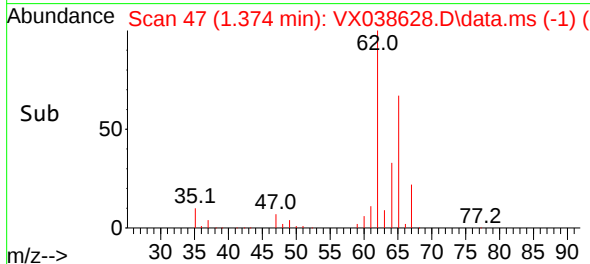
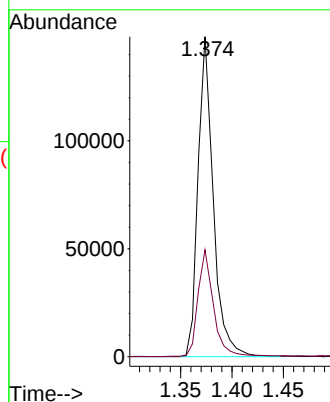
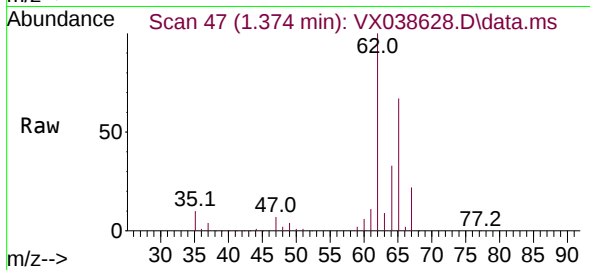




#5
 Vinyl chloride
 Concen: 51.957 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038628.D
 Acq: 28 Oct 2023 02:36

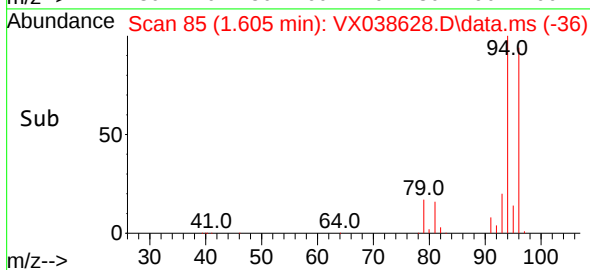
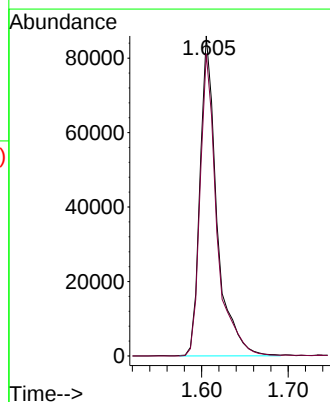
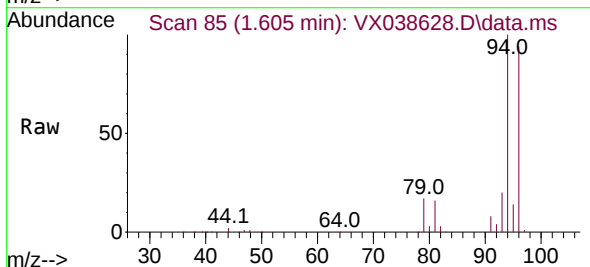
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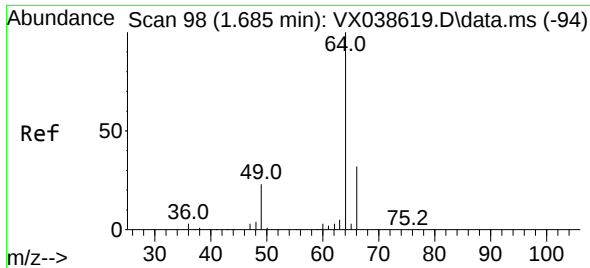
Tgt Ion: 62 Resp: 153481
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.7 43.9



#6
 Bromomethane
 Concen: 57.080 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX038628.D
 Acq: 28 Oct 2023 02:36

Tgt Ion: 94 Resp: 116317
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.4 121.4

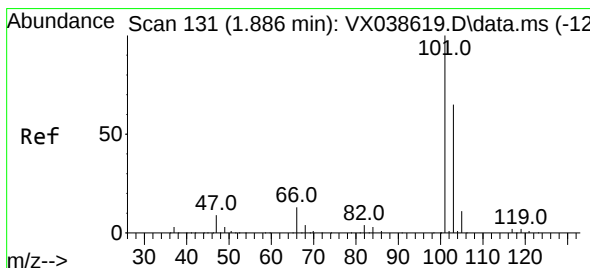
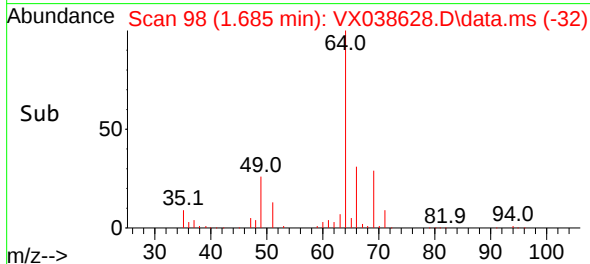
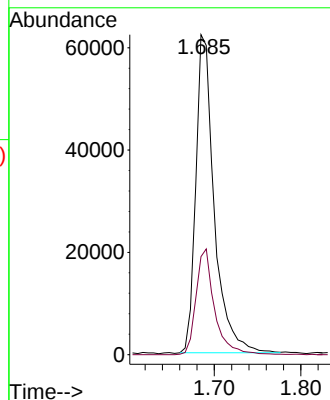
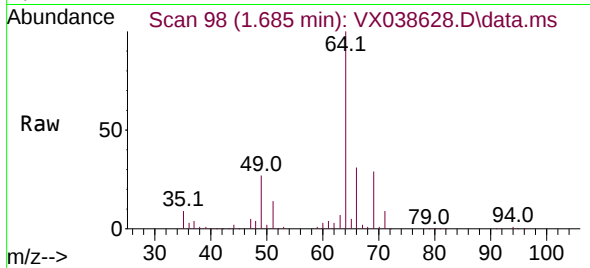




#8
Chloroethane
Concen: 51.678 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

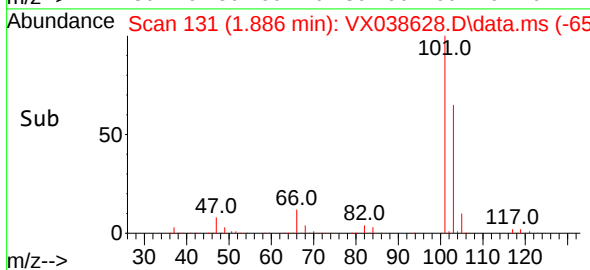
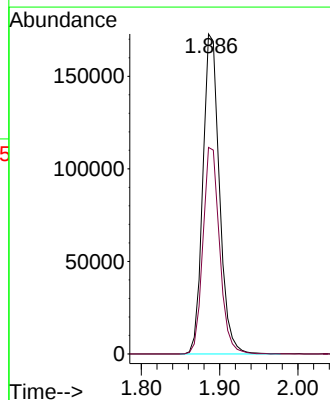
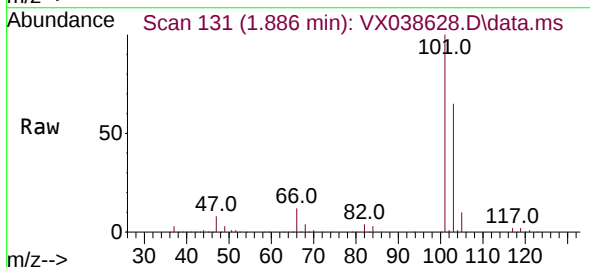
Instrument :
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ClientSampleId :

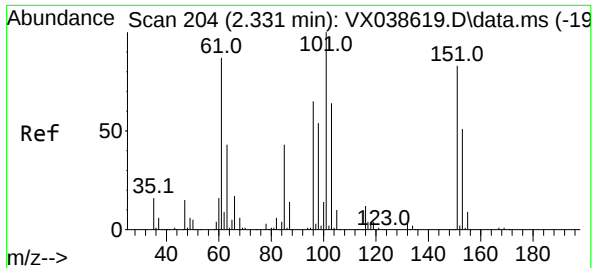
Tgt Ion: 64 Resp: 91692
Ion Ratio Lower Upper
64 100
66 30.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 52.524 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion: 101 Resp: 253727
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

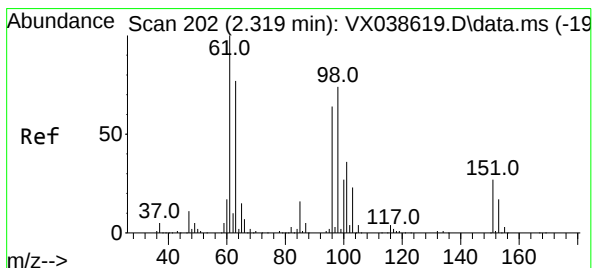
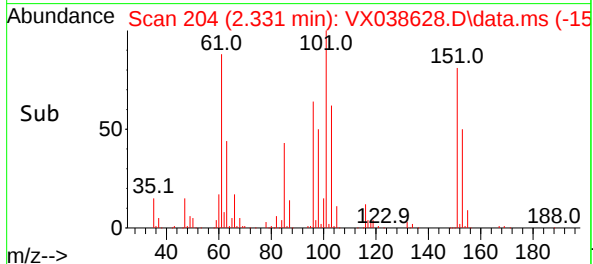
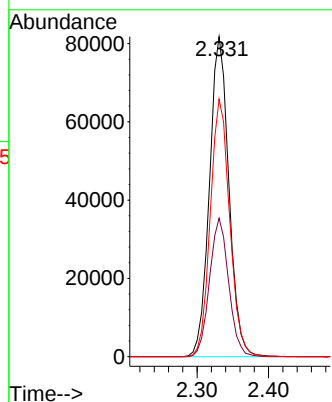
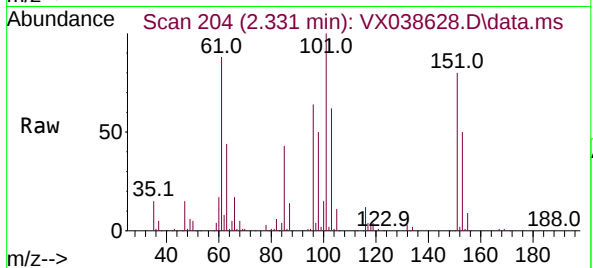




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.708 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038628.D
 Acq: 28 Oct 2023 02:36

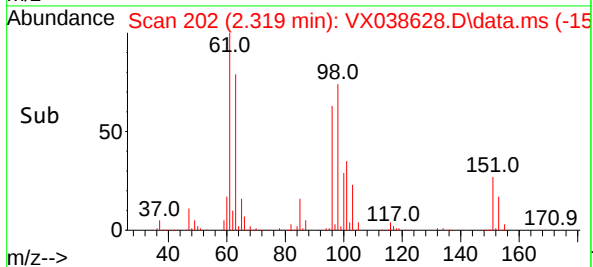
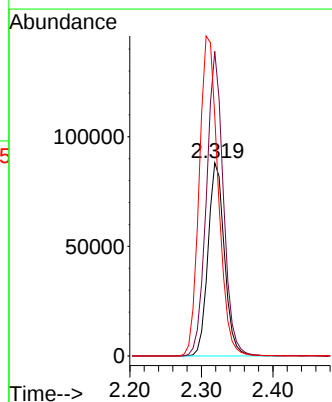
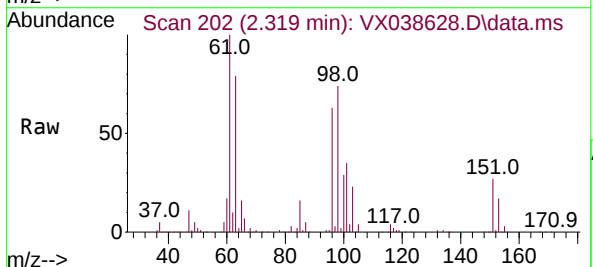
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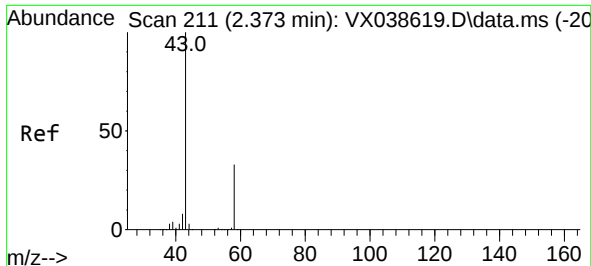
Tgt Ion:101 Resp: 154264
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.3 51.5
 151 80.3 65.8 98.8



#12
 1,1-Dichloroethene
 Concen: 51.776 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX038628.D
 Acq: 28 Oct 2023 02:36

Tgt Ion: 96 Resp: 140414
 Ion Ratio Lower Upper
 96 100
 61 157.6 109.6 203.6
 63 124.2 84.9 157.7





#13

Acetone

Concen: 98.077 ug/L

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

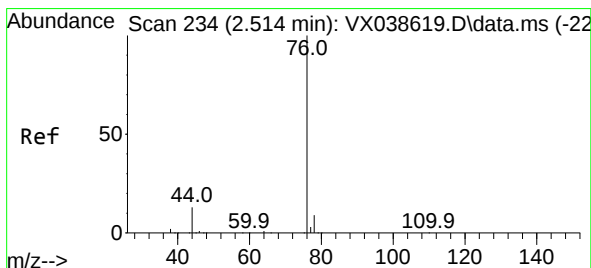
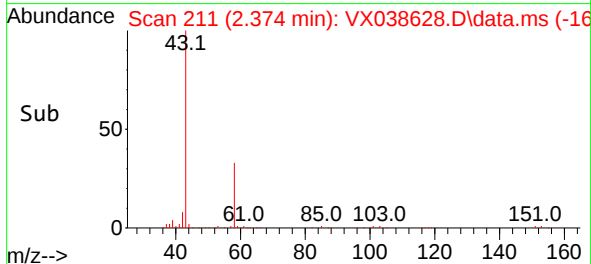
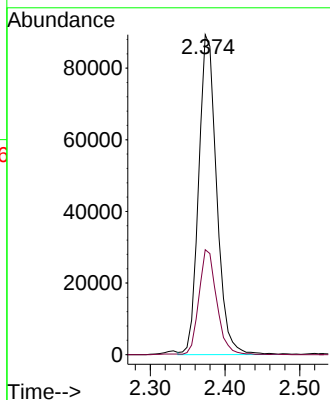
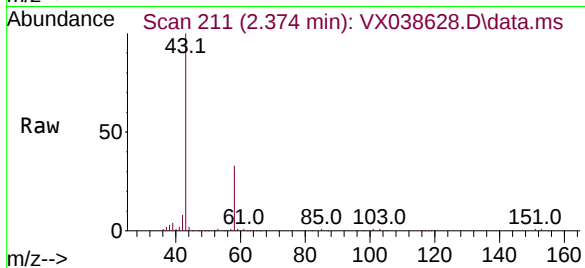
ClientSampleId :

Tgt Ion: 43 Resp: 149102

Ion Ratio Lower Upper

43 100

58 32.4 0.0 65.2



#14

Carbon disulfide

Concen: 51.550 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX038628.D

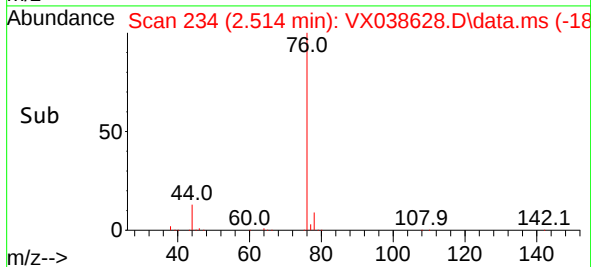
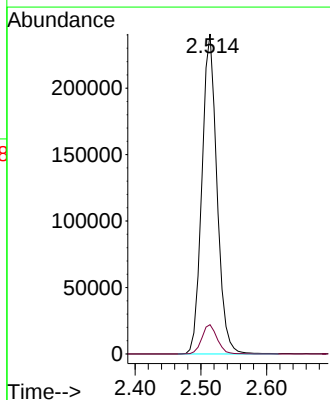
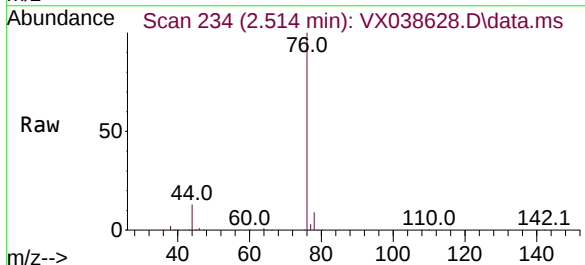
Acq: 28 Oct 2023 02:36

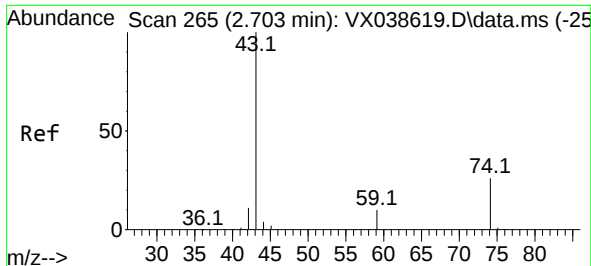
Tgt Ion: 76 Resp: 383621

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

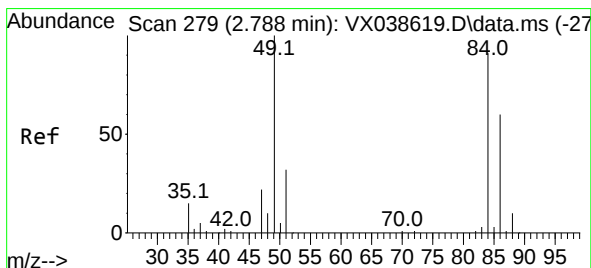
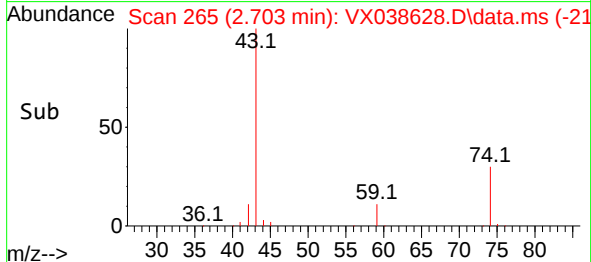
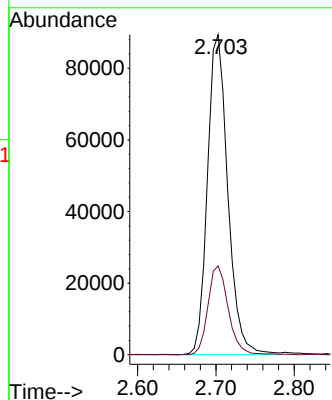
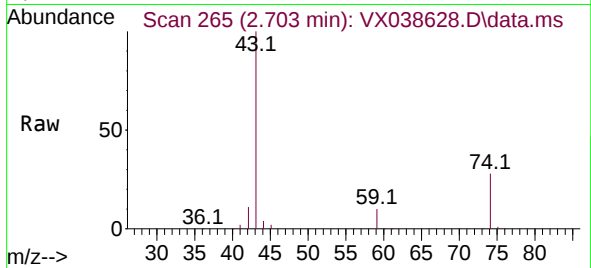




#15
Methyl Acetate
Concen: 52.236 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

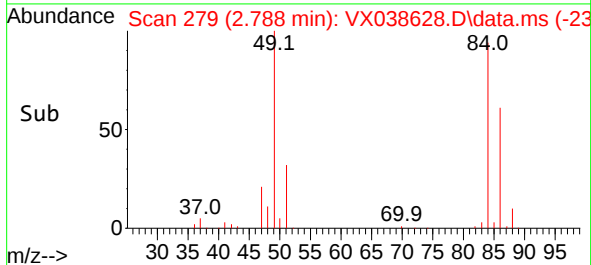
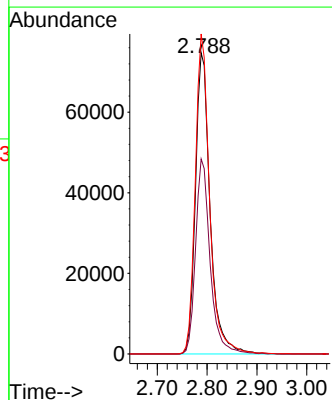
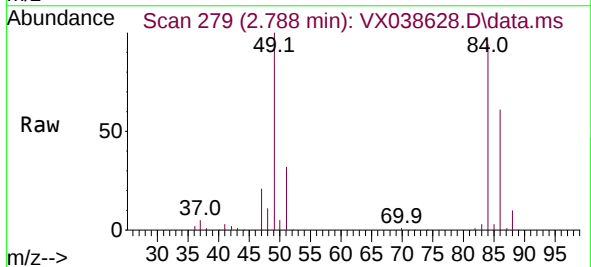
Instrument :
MSVOA_X
ClientSampleId :

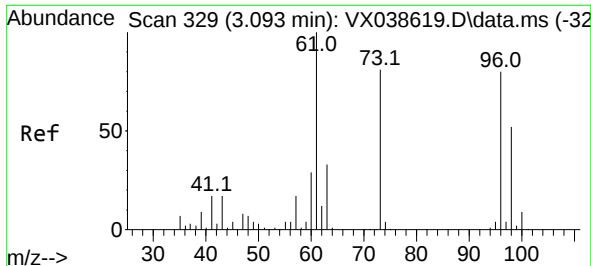
Tgt Ion: 43 Resp: 161425
Ion Ratio Lower Upper
43 100
74 27.5 21.7 32.5



#16
Methylene chloride
Concen: 51.391 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion: 84 Resp: 152688
Ion Ratio Lower Upper
84 100
86 64.8 45.6 84.8
49 106.3 76.5 142.1

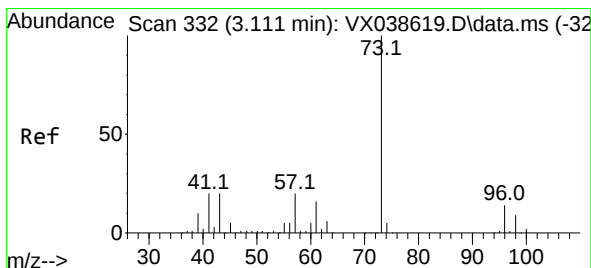
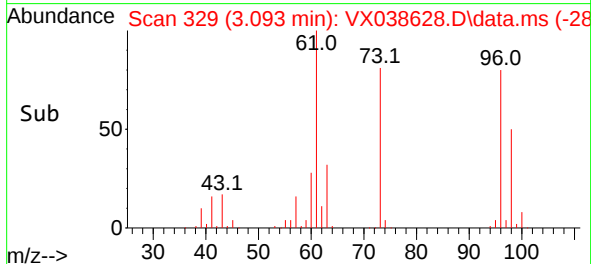
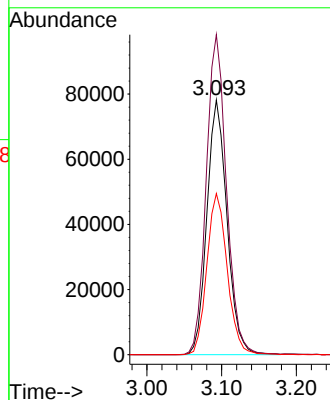
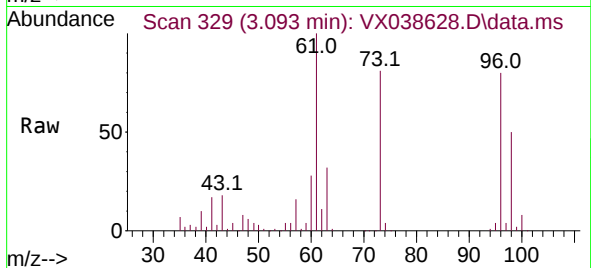




#17
trans-1,2-Dichloroethene
Concen: 52.184 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

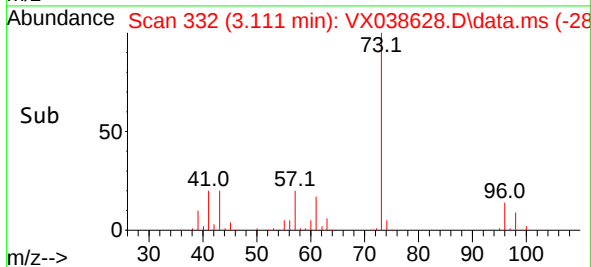
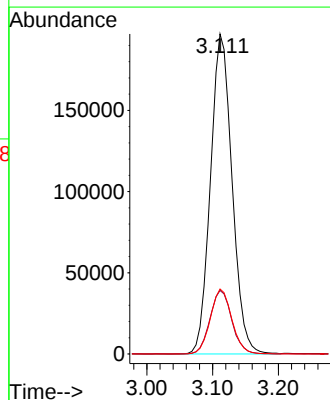
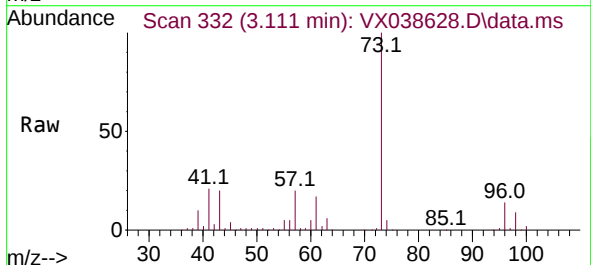
Instrument :
MSVOA_X
ClientSampleId :

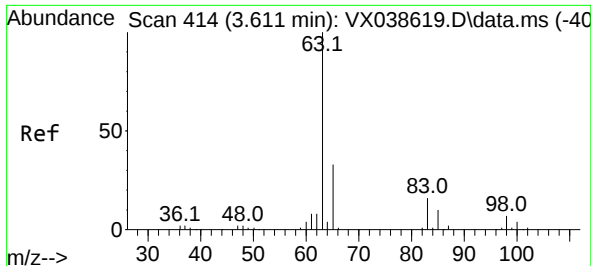
Tgt Ion: 96 Resp: 146421
Ion Ratio Lower Upper
96 100
61 125.6 87.1 161.7
98 63.2 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 52.631 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion: 73 Resp: 450798
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.4
57 20.2 16.2 24.4





#19

1,1-Dichloroethane

Concen: 52.352 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

ClientSampleId :

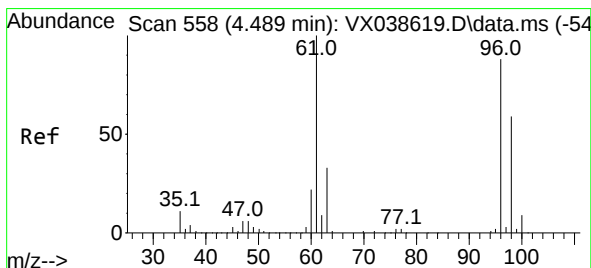
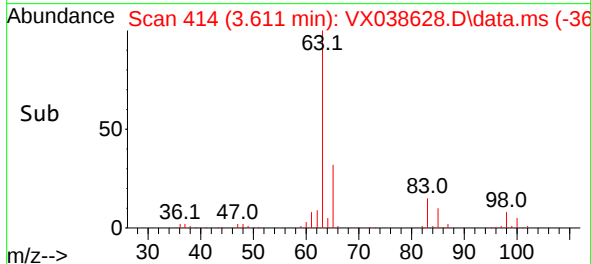
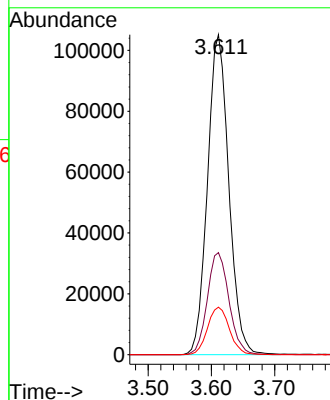
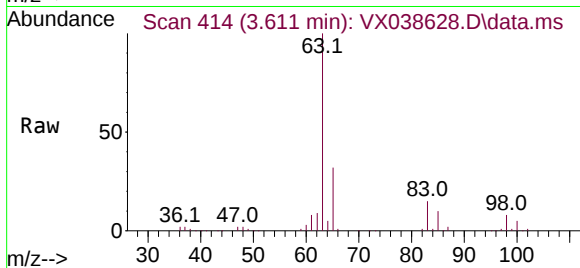
Tgt Ion: 63 Resp: 246738

Ion Ratio Lower Upper

63 100

65 31.9 22.8 42.4

83 14.8 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 51.869 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

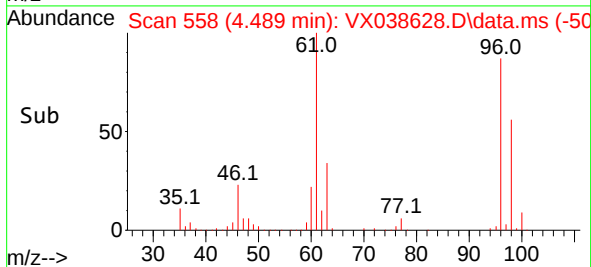
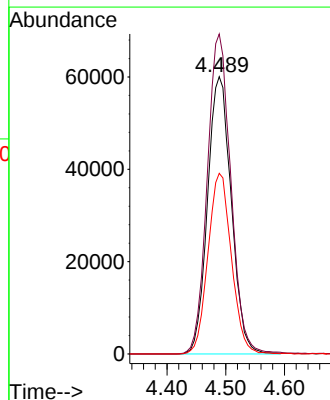
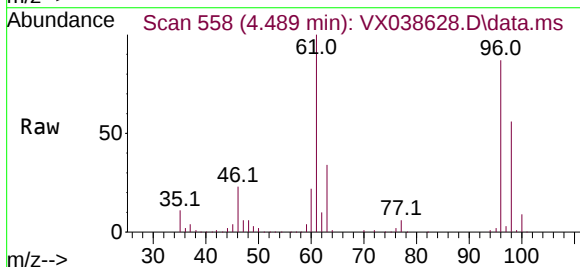
Tgt Ion: 96 Resp: 168450

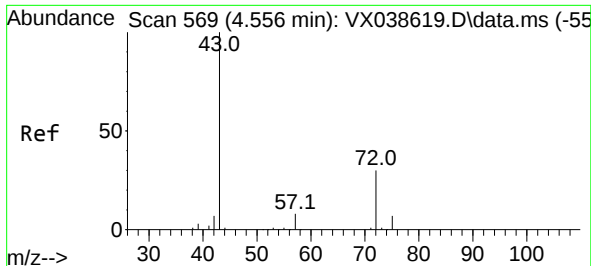
Ion Ratio Lower Upper

96 100

61 115.4 79.4 147.4

98 65.1 46.5 86.5

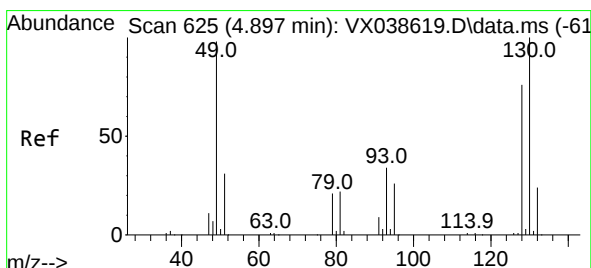
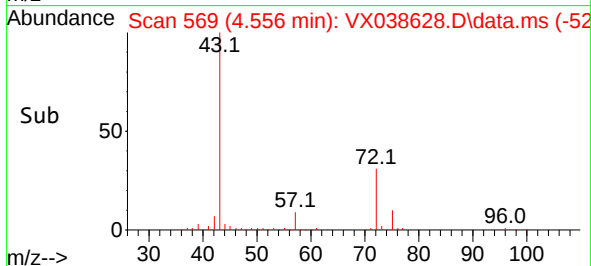
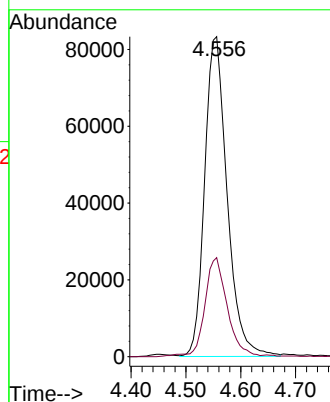
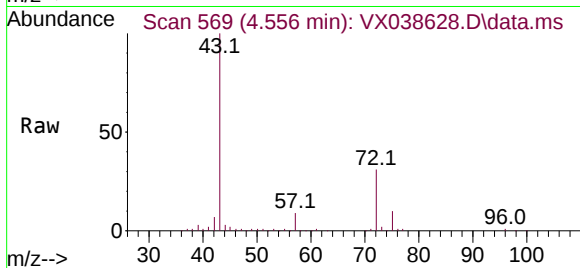




#22
2-Butanone
Concen: 104.147 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

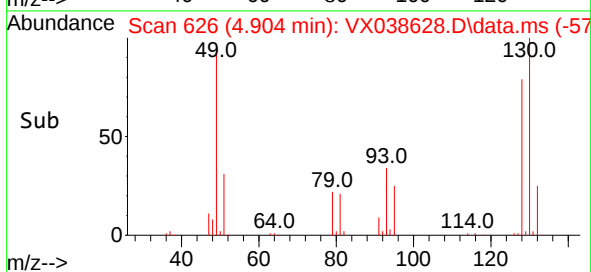
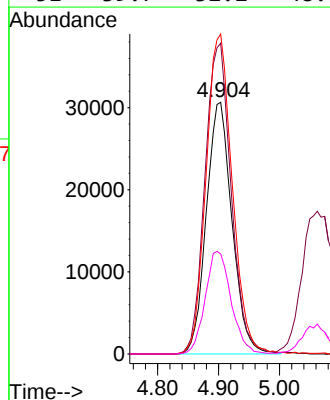
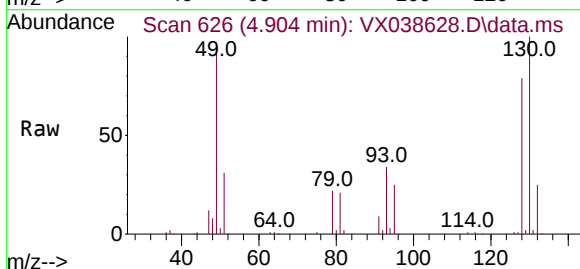
Instrument :
MSVOA_X
ClientSampleId :

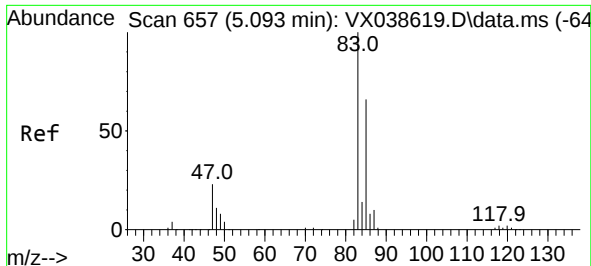
Tgt Ion: 43 Resp: 237286
Ion Ratio Lower Upper
43 100
72 29.8 14.9 44.5



#23
Bromochloromethane
Concen: 51.716 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion:128 Resp: 89853
Ion Ratio Lower Upper
128 100
49 123.4 90.9 168.9
130 127.1 92.5 171.7
51 39.7 32.2 48.4

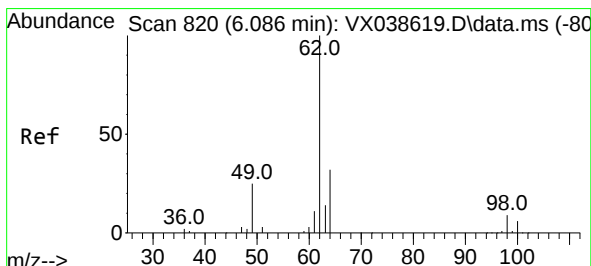
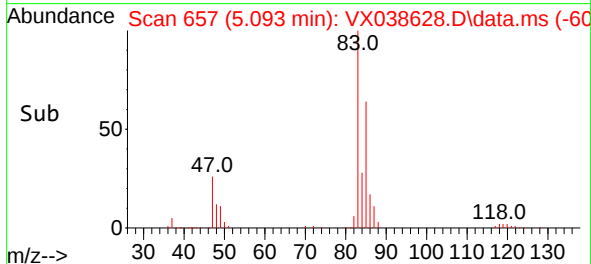
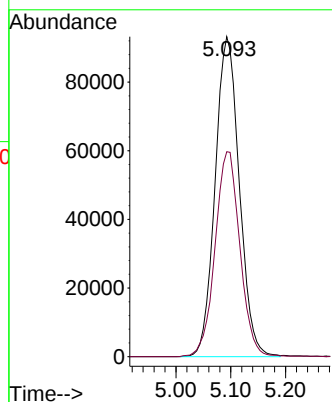
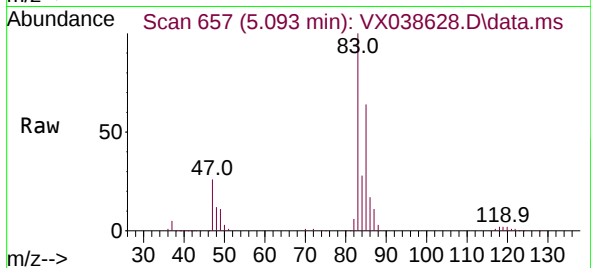




#25
Chloroform
Concen: 52.353 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

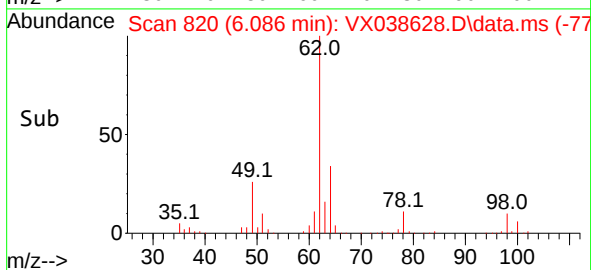
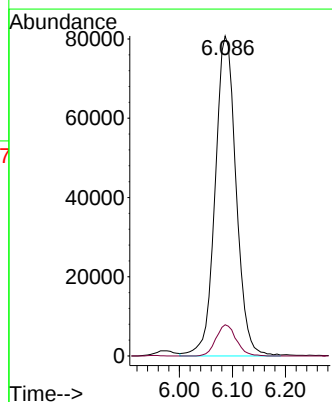
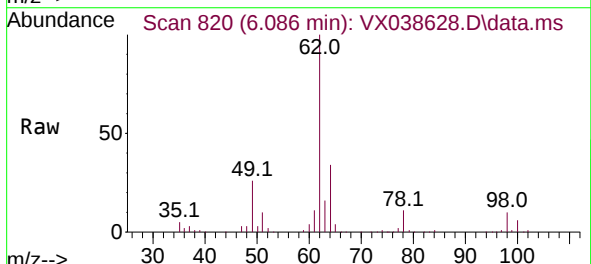
Instrument :
MSVOA_X
ClientSampleId :

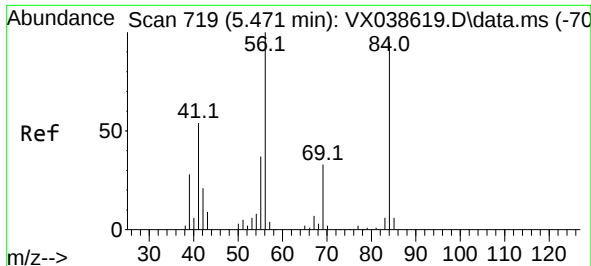
Tgt Ion: 83 Resp: 285738
Ion Ratio Lower Upper
83 100
85 64.0 46.3 86.1



#27
1,2-Dichloroethane
Concen: 52.828 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion: 62 Resp: 221633
Ion Ratio Lower Upper
62 100
98 9.7 7.5 11.3





#29

Cyclohexane

Concen: 52.432 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

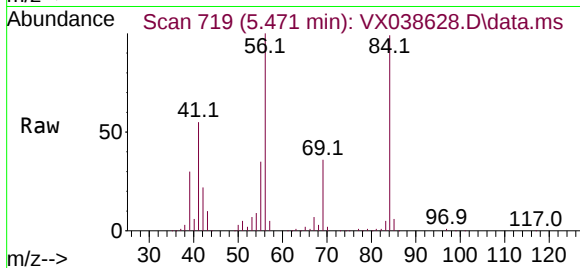
Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

ClientSampleId :



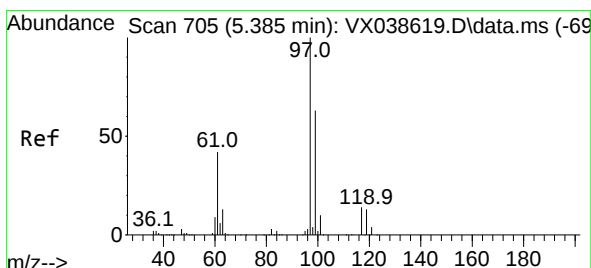
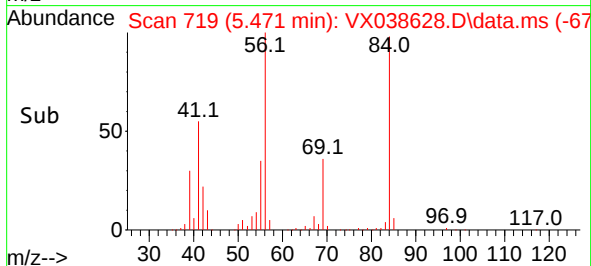
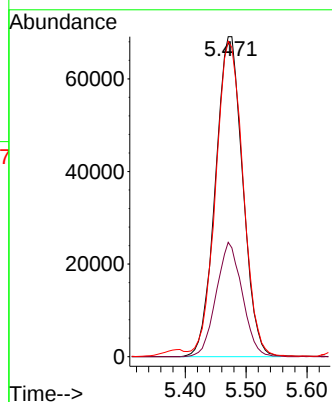
Tgt Ion: 56 Resp: 214991

Ion Ratio Lower Upper

56 100

69 34.0 26.9 40.3

84 99.0 77.6 116.4



#30

1,1,1-Trichloroethane

Concen: 52.710 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

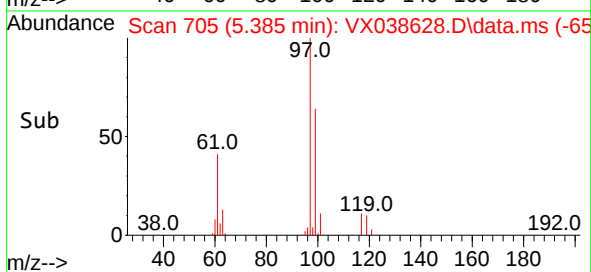
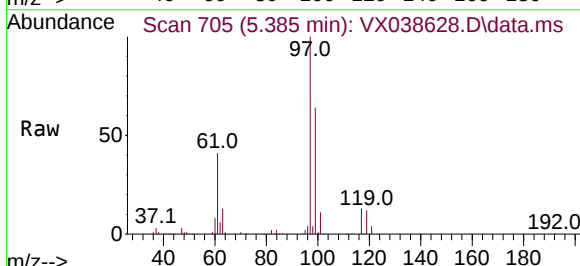
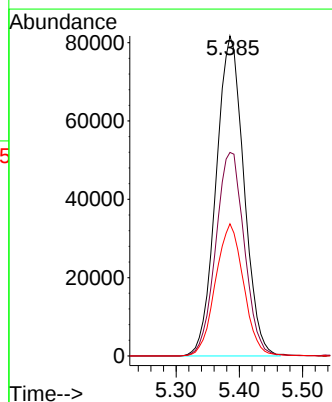
Tgt Ion: 97 Resp: 249536

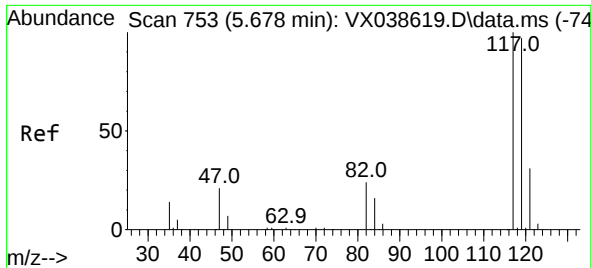
Ion Ratio Lower Upper

97 100

99 65.4 52.1 78.1

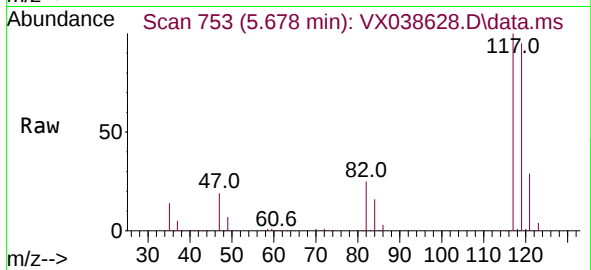
61 41.7 33.2 49.8



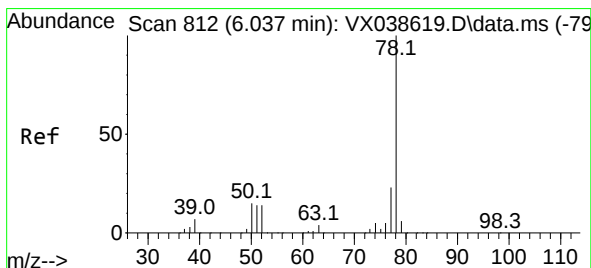
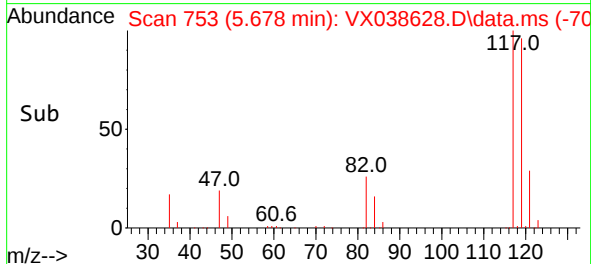
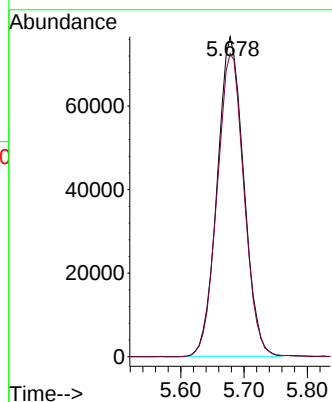


#31
Carbon tetrachloride
Concen: 52.745 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Instrument :
MSVOA_X
ClientSampleId :

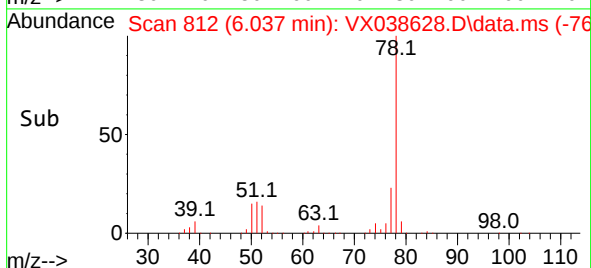
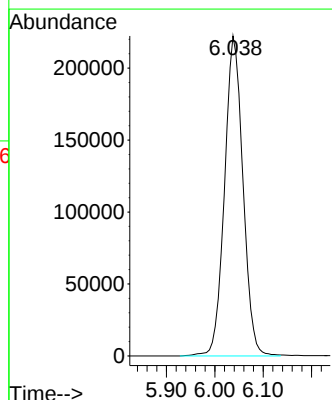
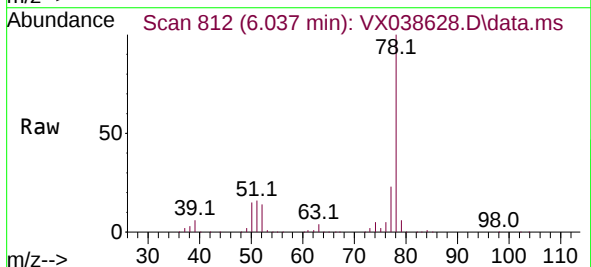


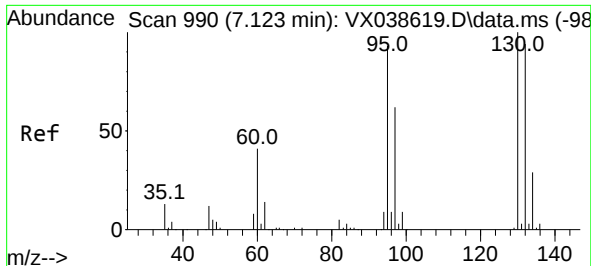
Tgt Ion:117 Resp: 223133
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9



#33
Benzene
Concen: 52.710 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

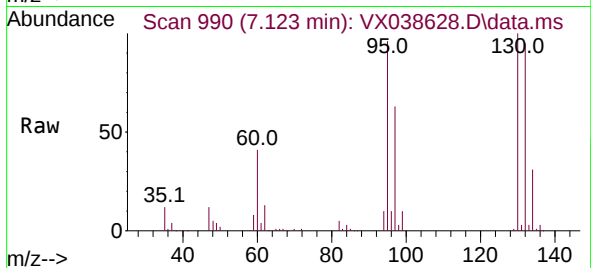
Tgt Ion: 78 Resp: 589005



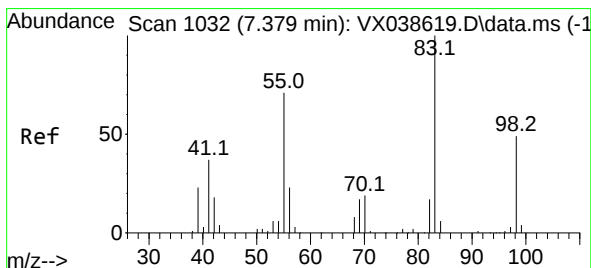
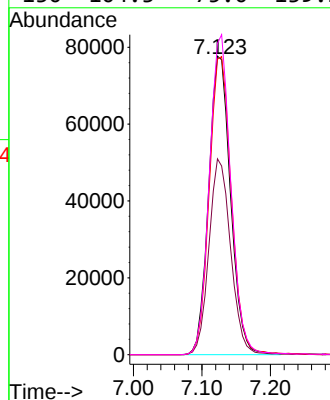
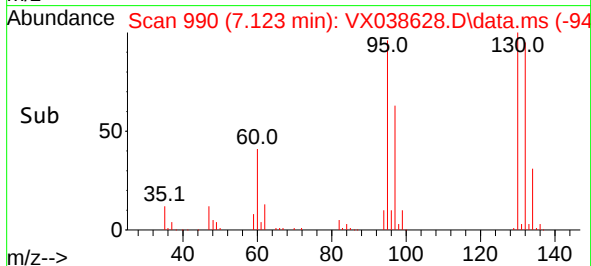


#34
 Trichloroethene
 Concen: 52.788 ug/L
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX038628.D
 Acq: 28 Oct 2023 02:36

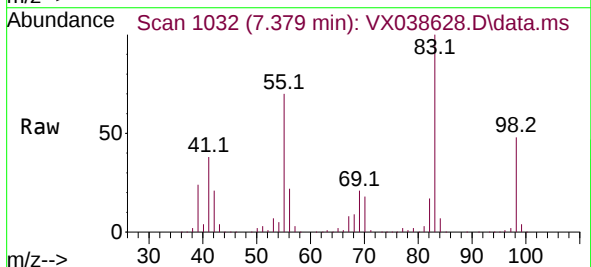
Instrument :
 MSVOA_X
 ClientSampleId :



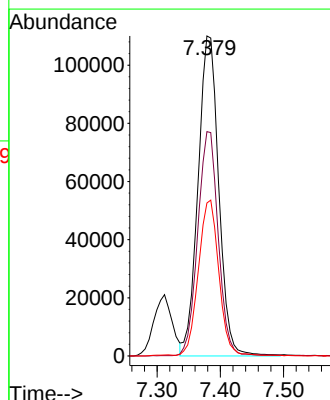
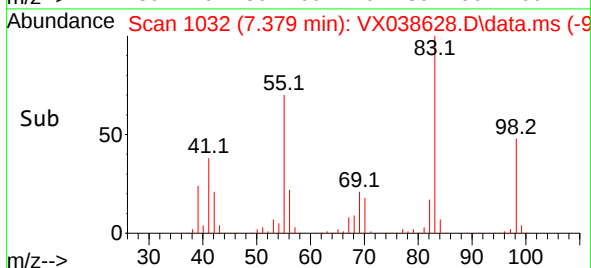
Tgt Ion: 95 Resp: 172821
 Ion Ratio Lower Upper
 95 100
 97 65.6 46.3 86.1
 132 99.0 70.7 131.3
 130 104.3 75.0 139.2

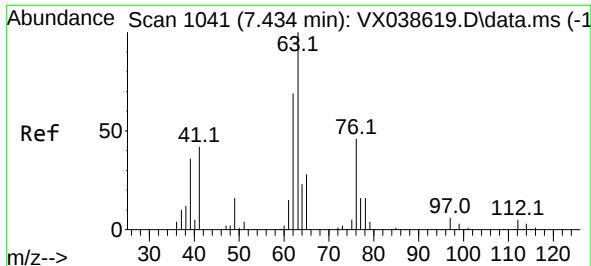


#35
 Methylcyclohexane
 Concen: 53.211 ug/L
 RT: 7.379 min Scan# 1032
 Delta R.T. 0.000 min
 Lab File: VX038628.D
 Acq: 28 Oct 2023 02:36



Tgt Ion: 83 Resp: 251047
 Ion Ratio Lower Upper
 83 100
 55 69.5 54.3 81.5
 98 47.9 39.1 58.7





#37

1,2-Dichloropropane

Concen: 52.353 ug/L

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

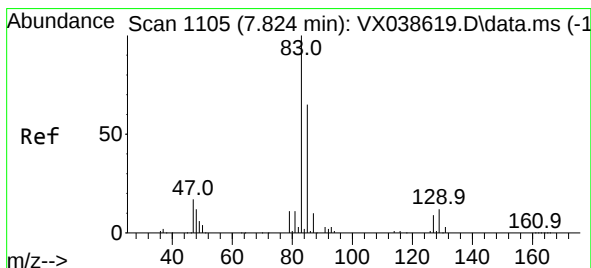
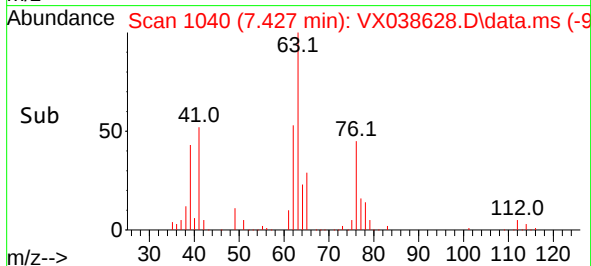
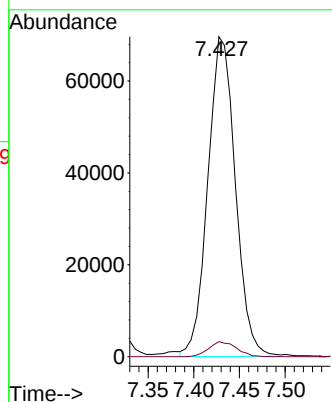
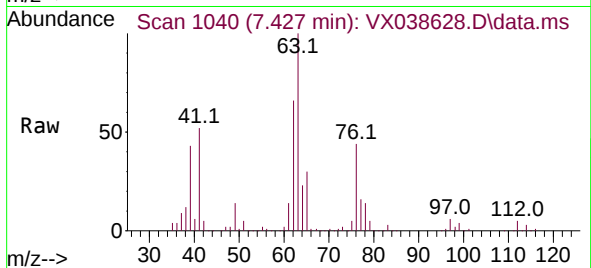
ClientSampleId :

Tgt Ion: 63 Resp: 145780

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 53.146 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

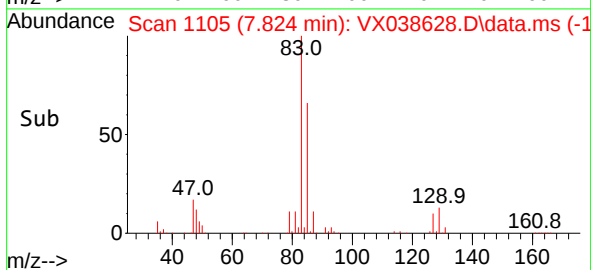
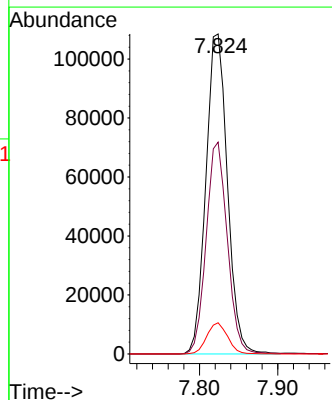
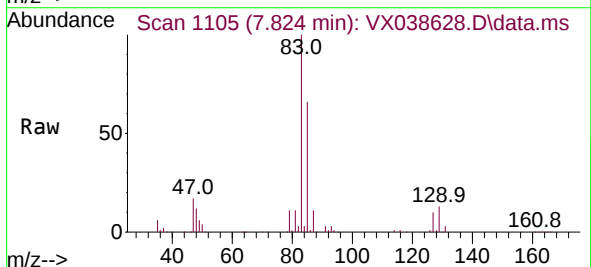
Tgt Ion: 83 Resp: 207273

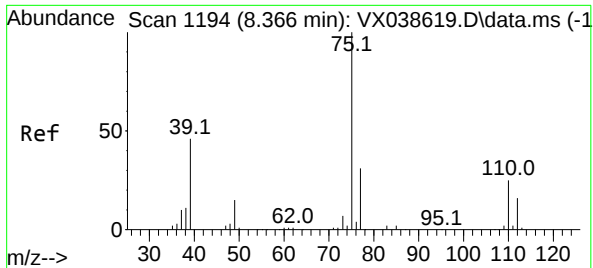
Ion Ratio Lower Upper

83 100

85 66.2 45.4 84.2

127 9.7 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 53.278 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

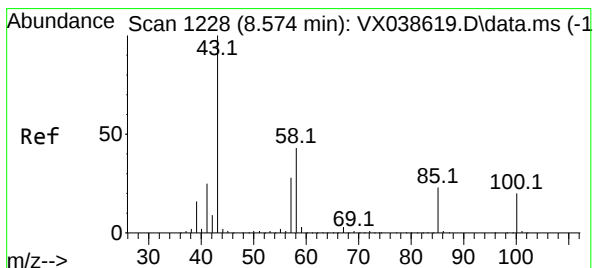
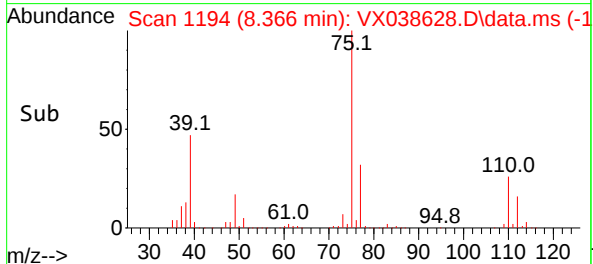
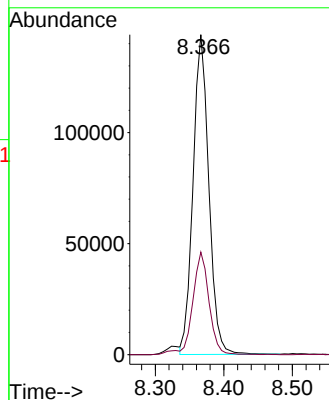
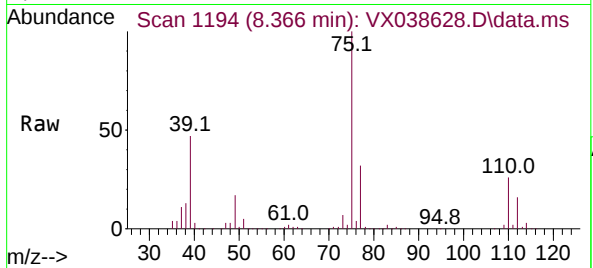
ClientSampleId :

Tgt Ion: 75 Resp: 230218

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 106.469 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

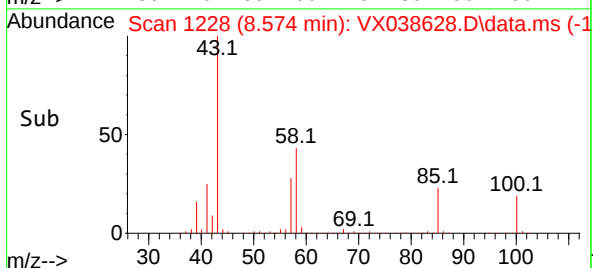
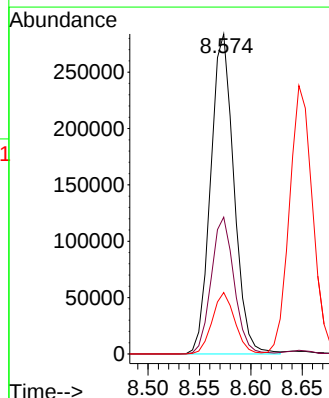
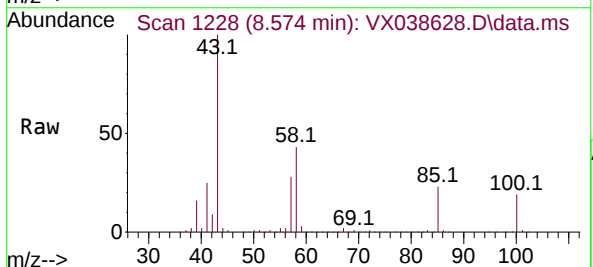
Tgt Ion: 43 Resp: 445698

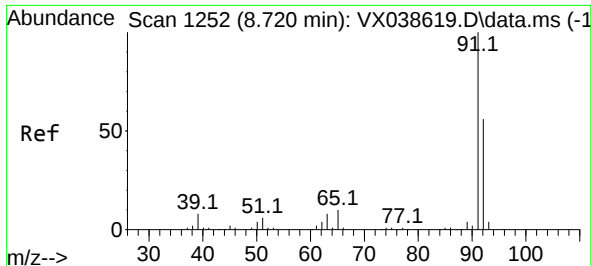
Ion Ratio Lower Upper

43 100

58 42.2 33.9 50.9

100 18.7 15.0 22.6





#42

Toluene

Concen: 53.557 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

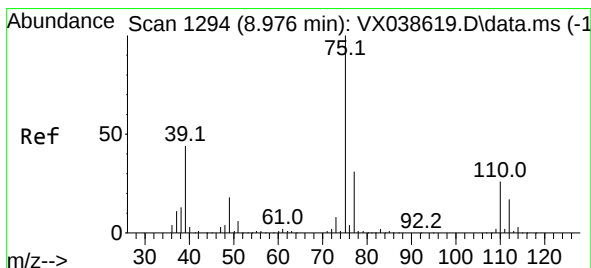
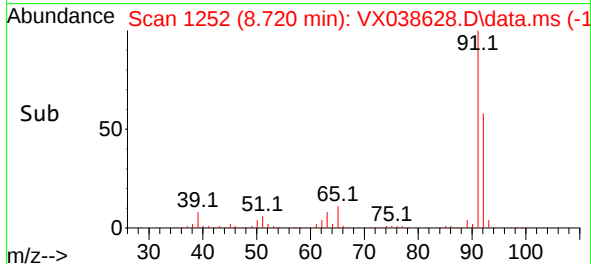
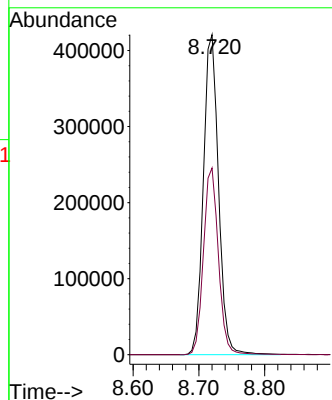
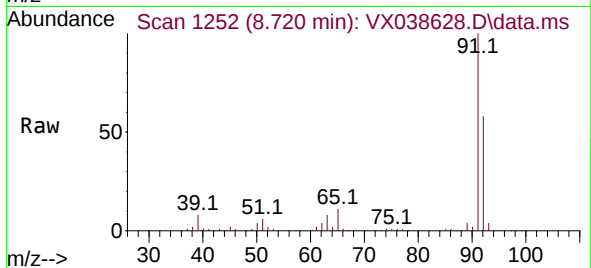
ClientSampleId :

Tgt Ion: 91 Resp: 673830

Ion Ratio Lower Upper

91 100

92 58.3 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 53.870 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX038628.D

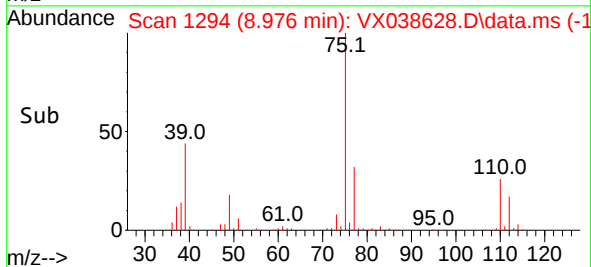
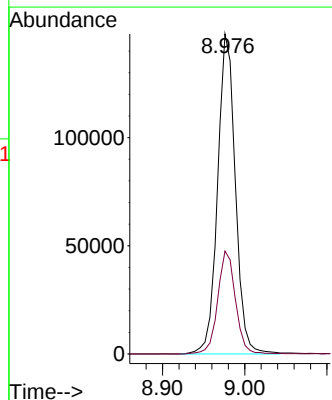
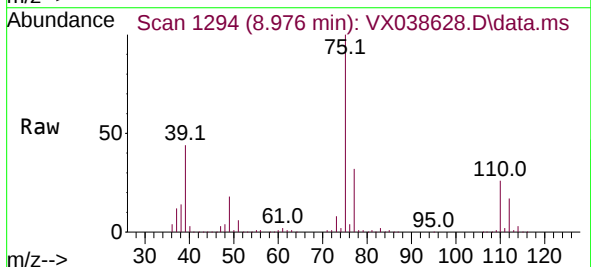
Acq: 28 Oct 2023 02:36

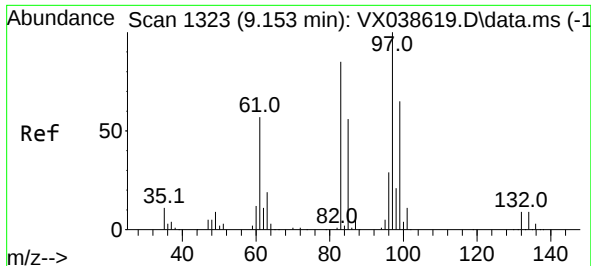
Tgt Ion: 75 Resp: 222159

Ion Ratio Lower Upper

75 100

77 32.2 21.4 39.8

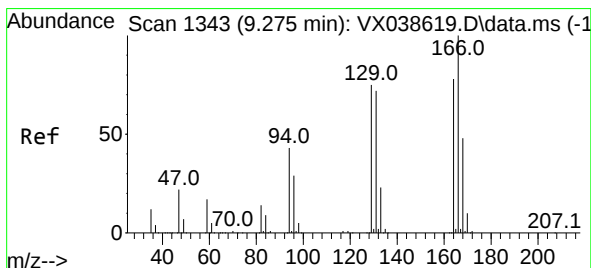
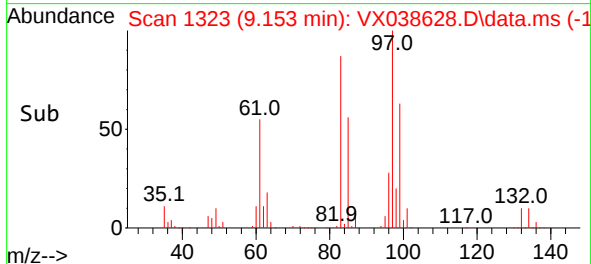
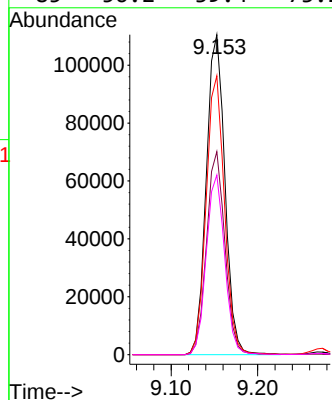
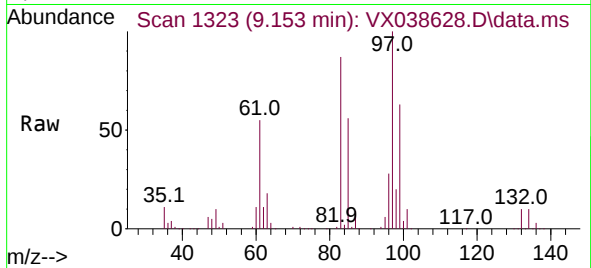




#45
1,1,2-Trichloroethane
Concen: 52.551 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

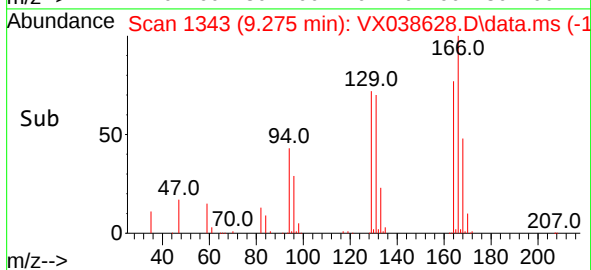
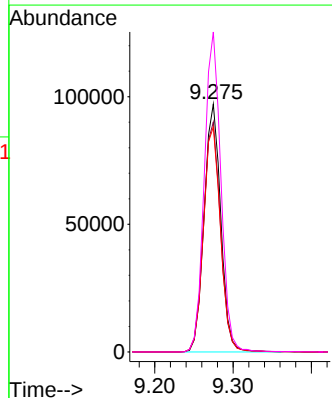
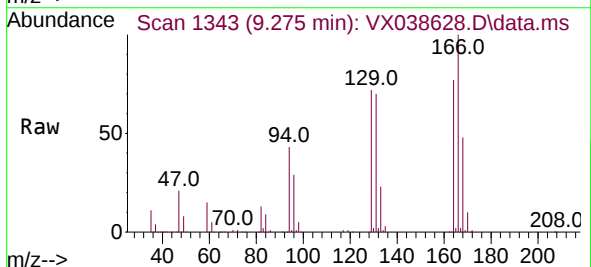
Instrument :
MSVOA_X
ClientSampleId :

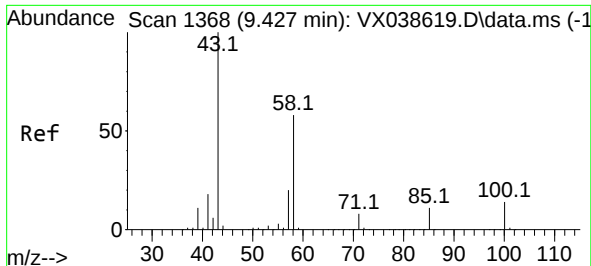
Tgt Ion:	97	Resp:	165321
Ion	Ratio	Lower	Upper
97	100		
99	63.4	45.7	84.9
83	87.1	59.8	111.0
85	56.2	39.4	73.2



#46
Tetrachloroethene
Concen: 52.883 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion:	164	Resp:	143127
Ion	Ratio	Lower	Upper
164	100		
129	92.8	67.5	125.4
131	90.8	64.5	119.9
166	129.2	89.7	166.7

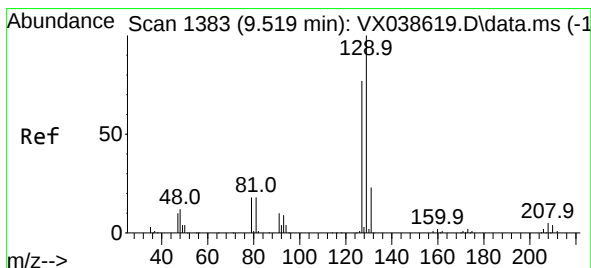
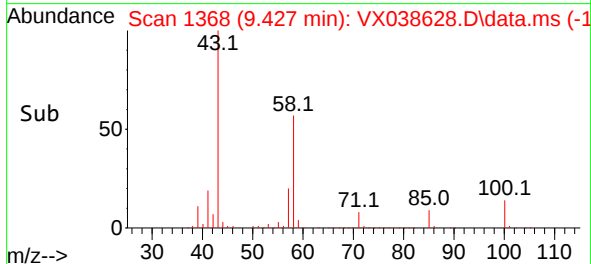
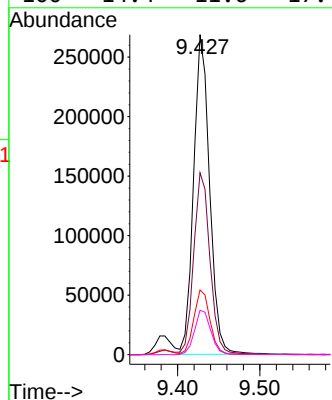
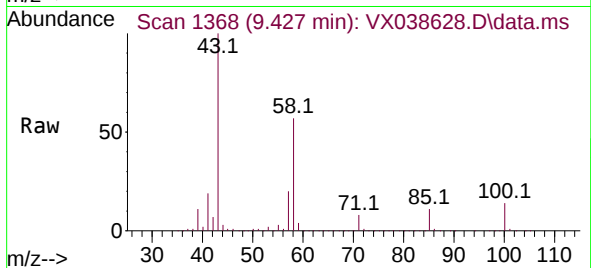




#48
2-Hexanone
Concen: 108.411 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

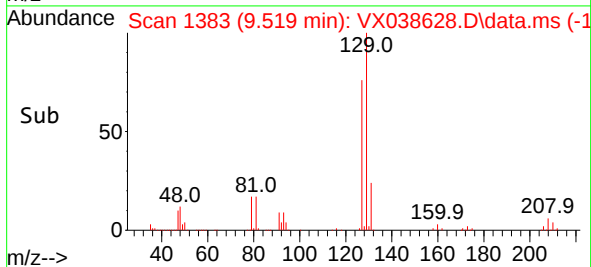
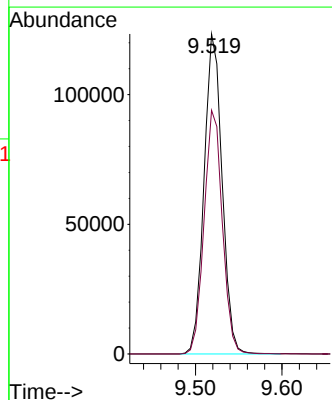
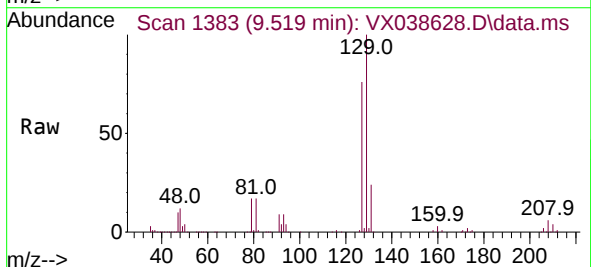
Instrument :
MSVOA_X
ClientSampleId :

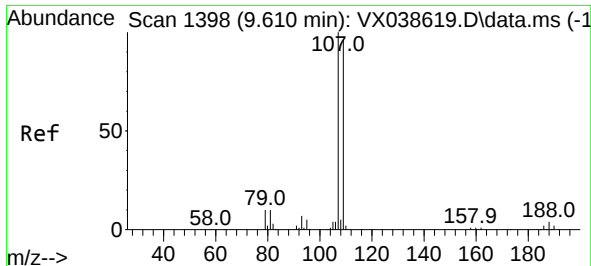
Tgt Ion:	43	Resp:	363081
Ion	Ratio	Lower	Upper
43	100		
58	58.1	46.6	69.8
57	20.8	16.6	24.8
100	14.4	11.6	17.4



#49
Dibromochloromethane
Concen: 53.800 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion:	129	Resp:	178538
Ion	Ratio	Lower	Upper
129	100		
127	76.2	54.2	100.6





#50

1,2-Dibromoethane

Concen: 53.286 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

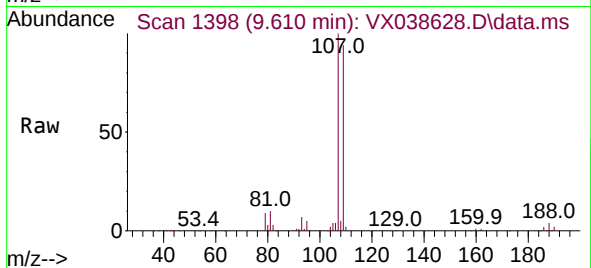
Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

ClientSampleId :



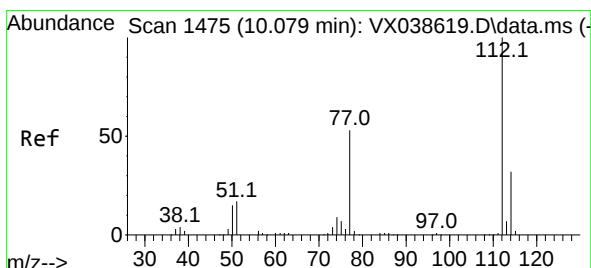
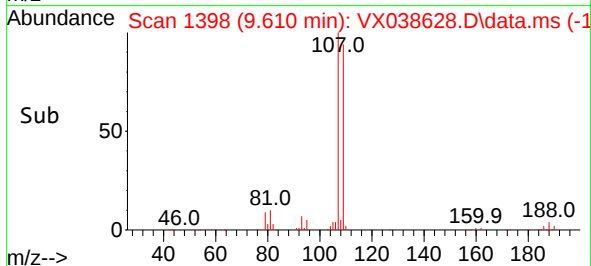
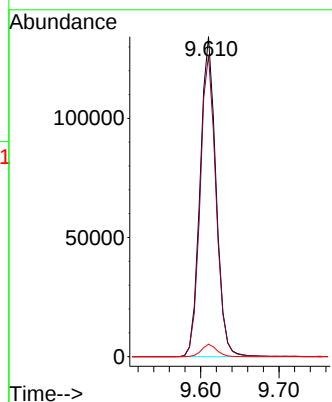
Tgt Ion:107 Resp: 189222

Ion Ratio Lower Upper

107 100

109 94.3 66.9 124.3

188 3.9 3.0 4.4



#51

Chlorobenzene

Concen: 52.977 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

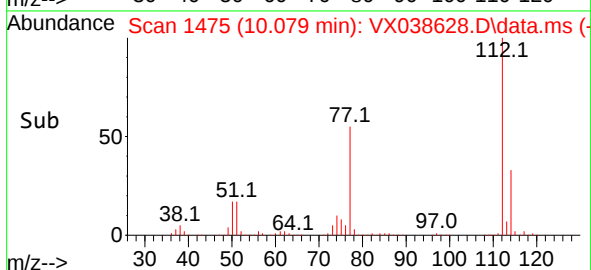
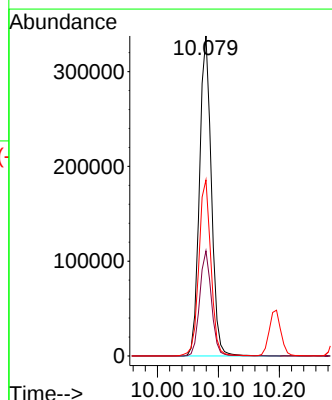
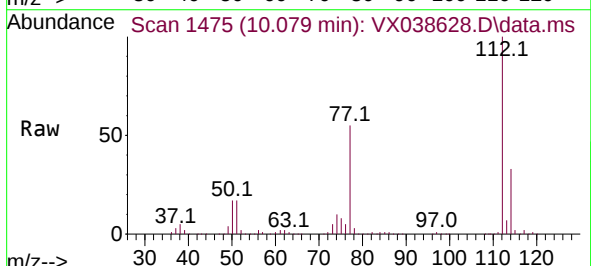
Tgt Ion:112 Resp: 456151

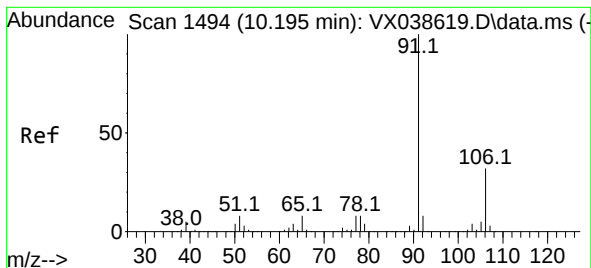
Ion Ratio Lower Upper

112 100

114 32.8 22.1 41.1

77 55.0 43.1 64.7

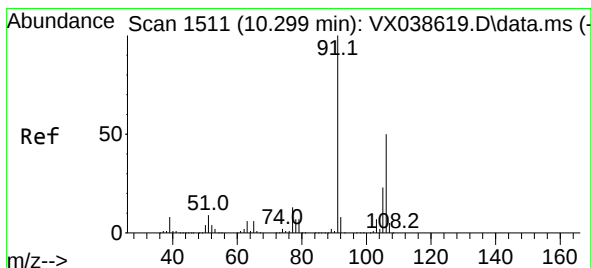
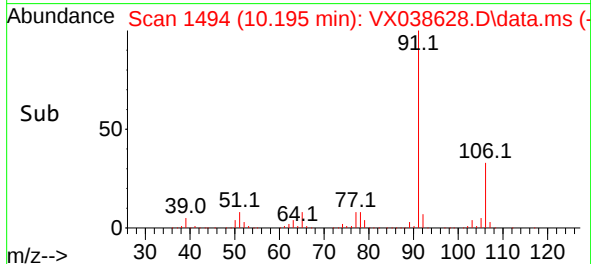
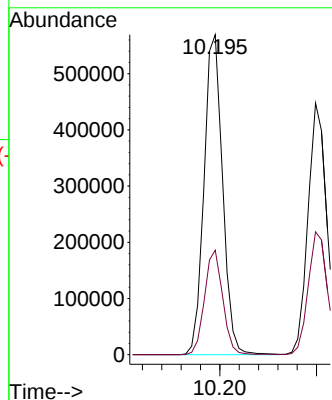
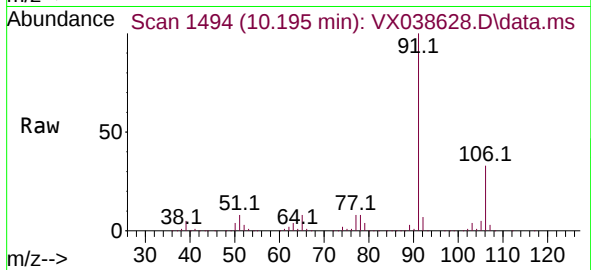




#52
Ethylbenzene
Concen: 53.731 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

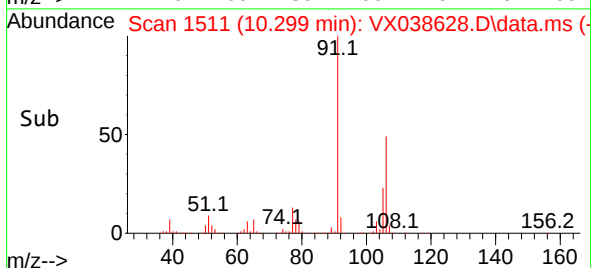
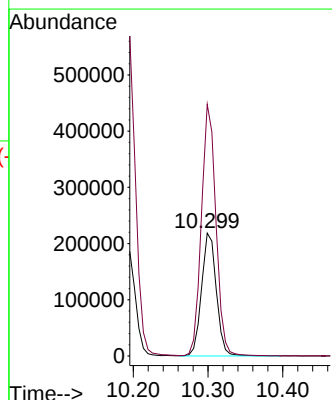
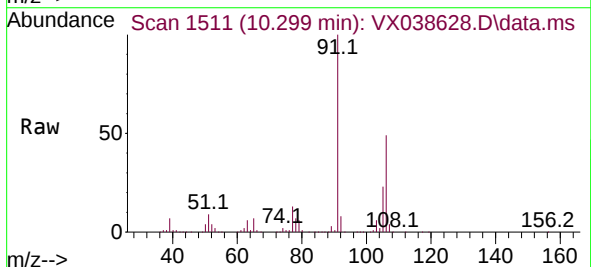
Instrument :
MSVOA_X
ClientSampleId :

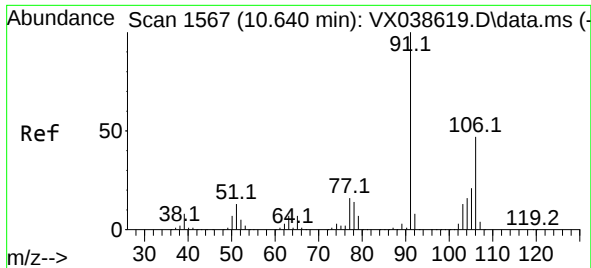
Tgt Ion: 91 Resp: 760787
Ion Ratio Lower Upper
91 100
106 32.7 22.7 42.1



#53
m,p-Xylene
Concen: 53.513 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion: 106 Resp: 299867
Ion Ratio Lower Upper
106 100
91 204.8 141.2 262.2

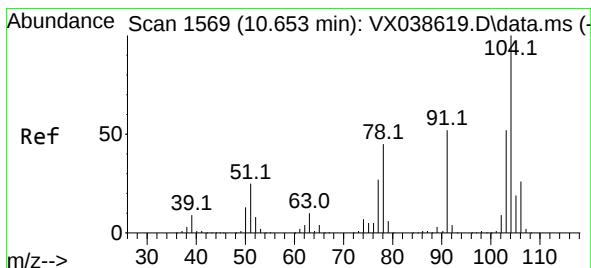
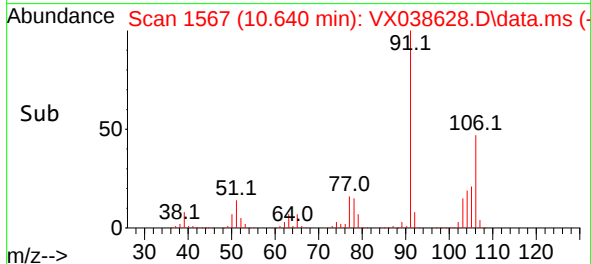
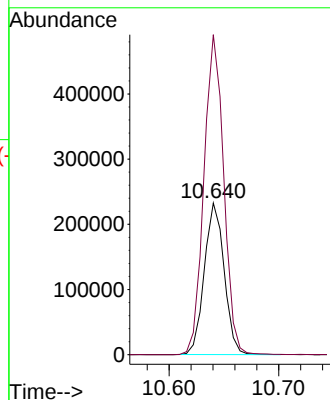
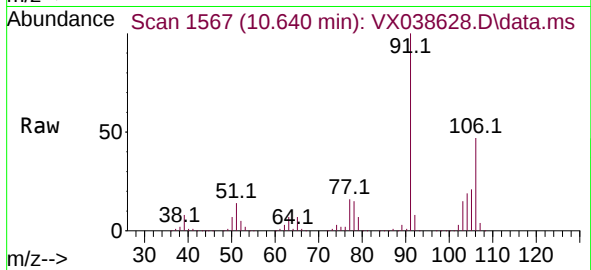




#54
o-Xylene
Concen: 53.745 ug/L
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

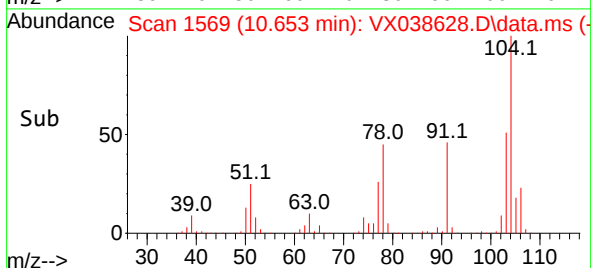
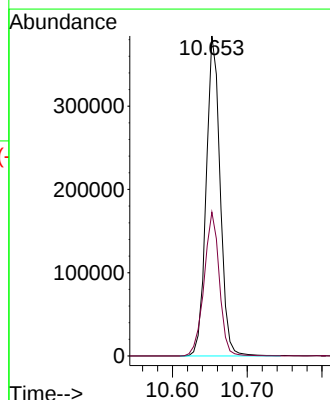
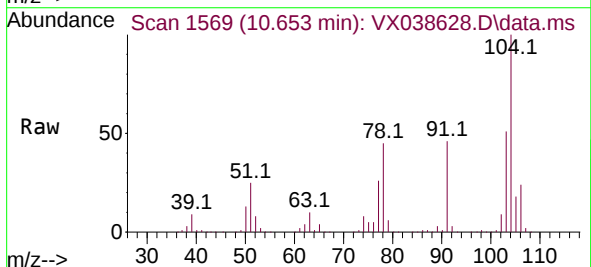
Instrument :
MSVOA_X
ClientSampleId :

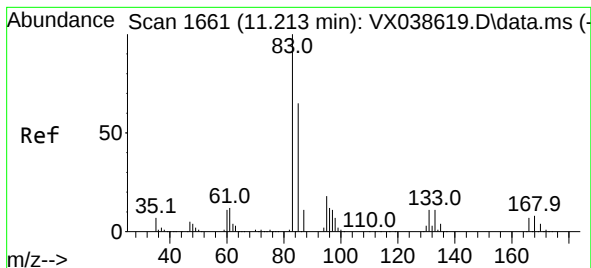
Tgt Ion:106 Resp: 292212
Ion Ratio Lower Upper
106 100
91 210.9 149.0 276.8



#55
Styrene
Concen: 53.918 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion:104 Resp: 498466
Ion Ratio Lower Upper
104 100
78 45.0 31.7 58.9

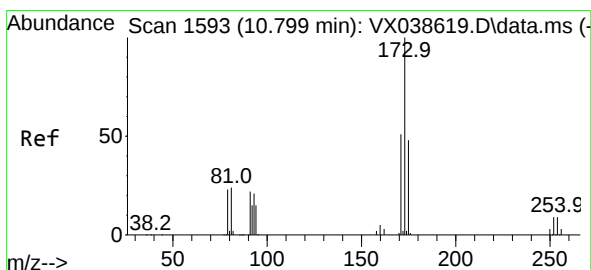
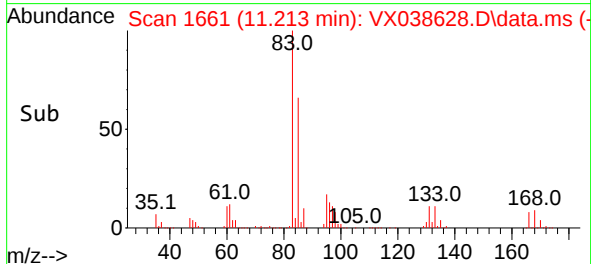
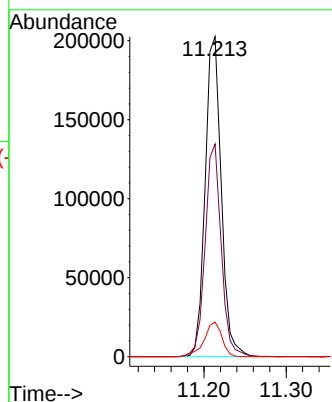
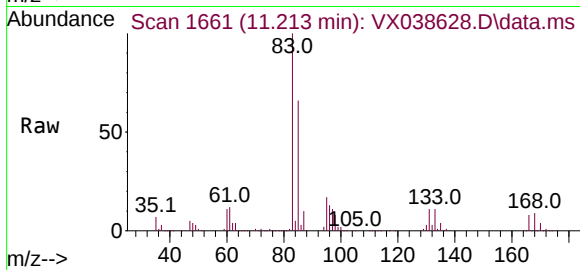




#57
1,1,2,2-Tetrachloroethane
Concen: 52.795 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

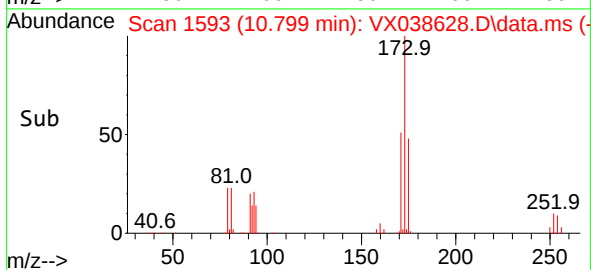
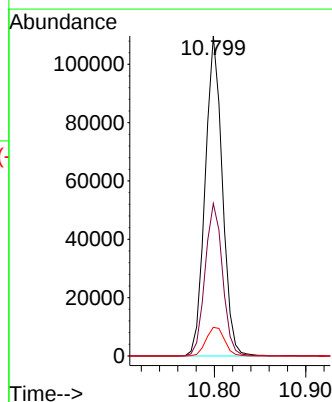
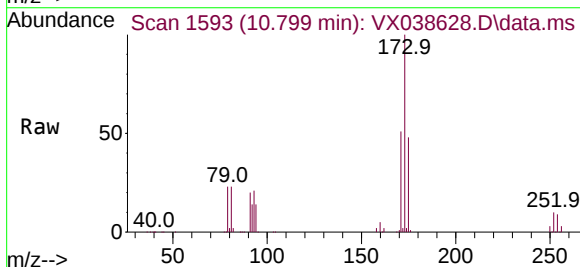
Instrument :
MSVOA_X
ClientSampleId :

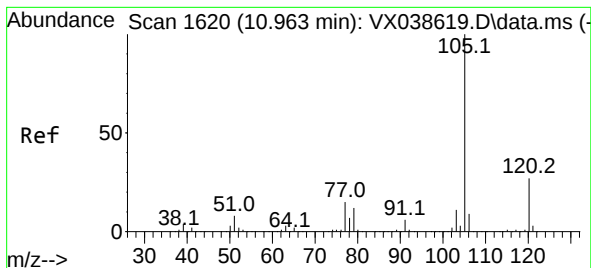
Tgt Ion: 83 Resp: 275427
Ion Ratio Lower Upper
83 100
85 66.4 45.4 84.4
131 10.8 8.8 13.2



#59
Bromoform
Concen: 53.614 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion:173 Resp: 142706
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
254 9.7 7.6 11.4





#60

Isopropylbenzene

Concen: 53.198 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

ClientSampleId :

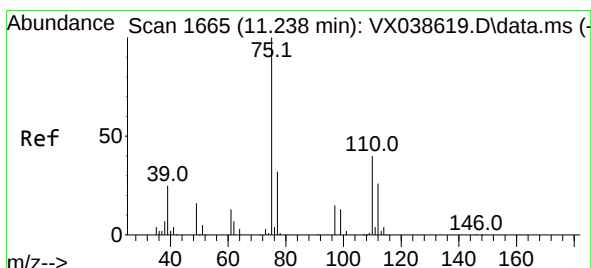
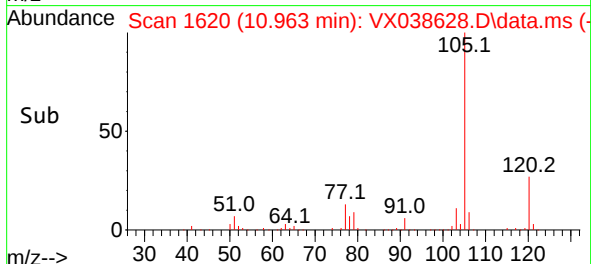
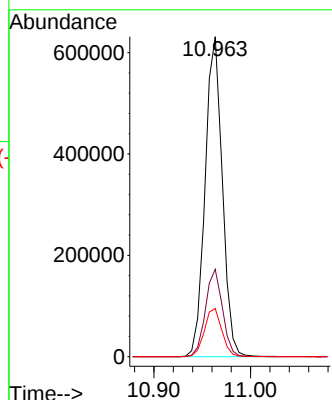
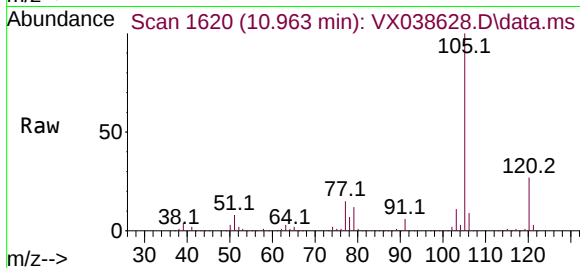
Tgt Ion:105 Resp: 781412

Ion Ratio Lower Upper

105 100

120 27.1 21.6 32.4

77 15.4 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 52.099 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

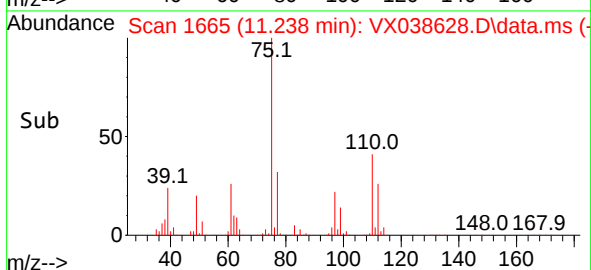
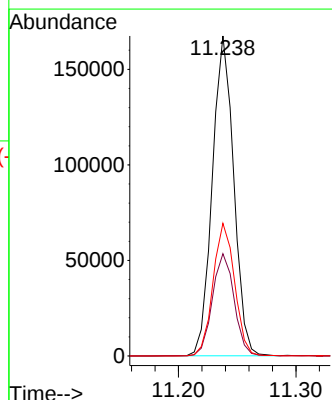
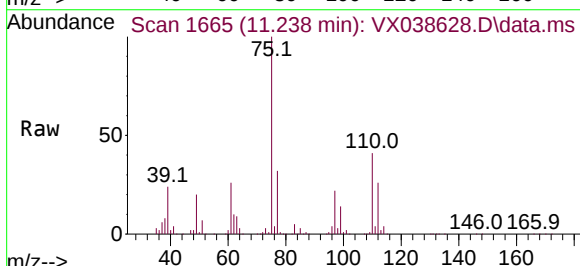
Tgt Ion: 75 Resp: 211547

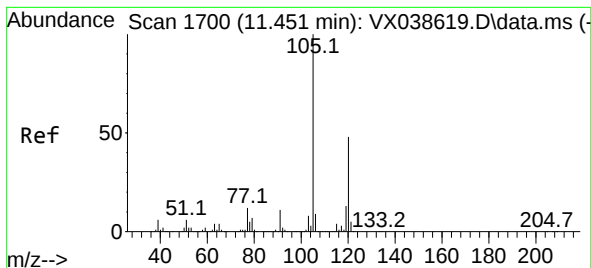
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

110 41.9 33.6 50.4

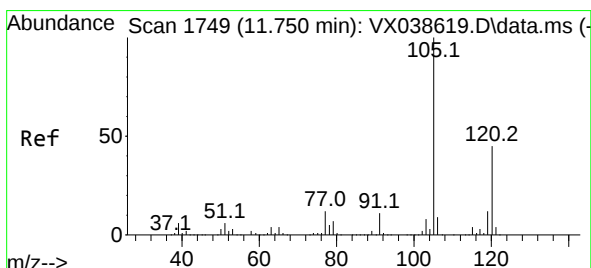
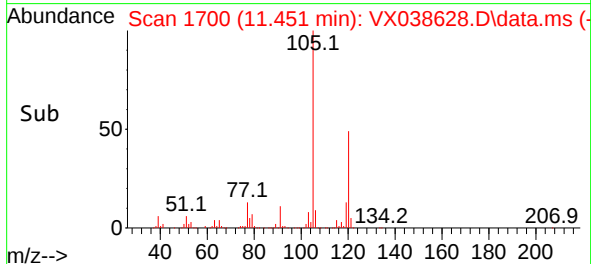
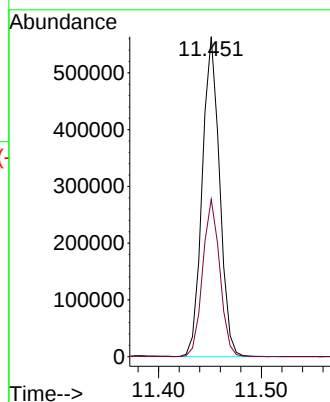
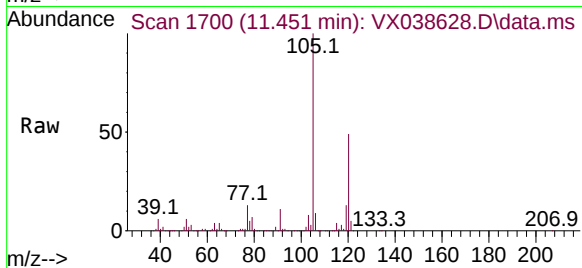




#62
1,3,5-Trimethylbenzene
Concen: 53.991 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

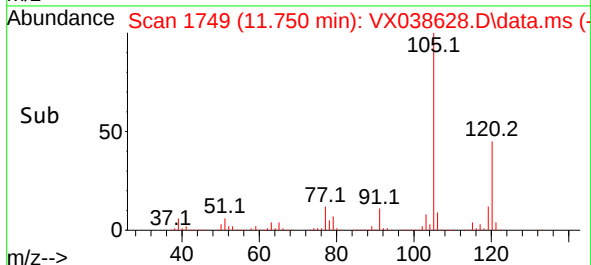
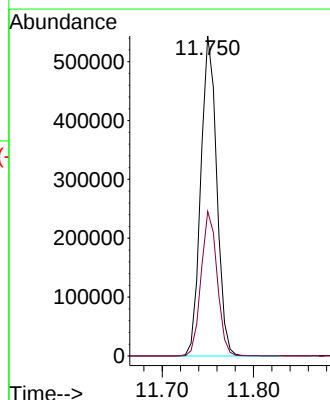
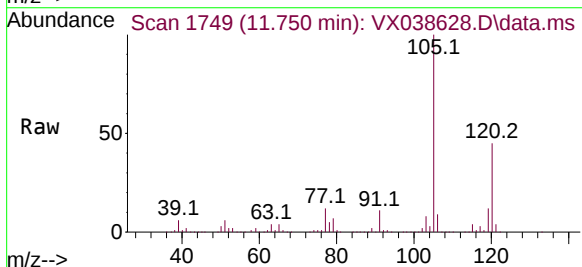
Instrument :
MSVOA_X
ClientSampleId :

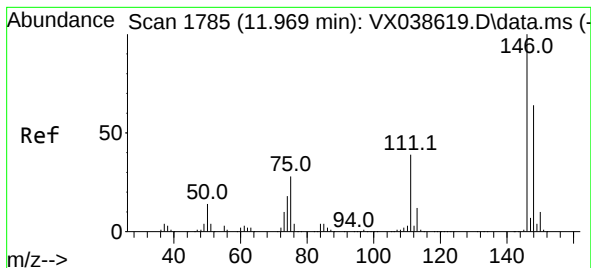
Tgt Ion:105 Resp: 662112
Ion Ratio Lower Upper
105 100
120 48.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 54.406 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038628.D
Acq: 28 Oct 2023 02:36

Tgt Ion:105 Resp: 657369
Ion Ratio Lower Upper
105 100
120 45.3 36.6 54.8





#64

1,3-Dichlorobenzene

Concen: 52.663 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

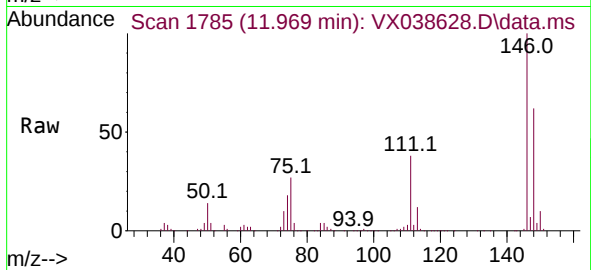
Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

ClientSampleId :



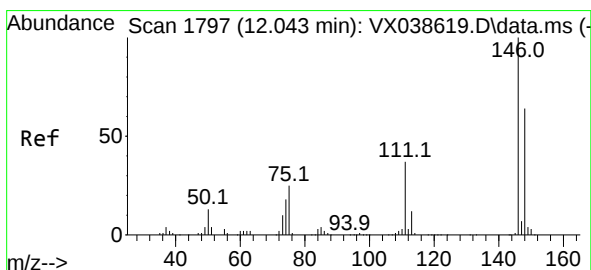
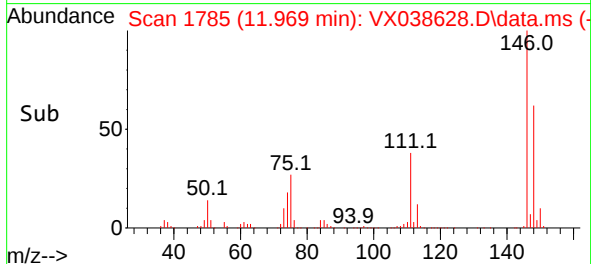
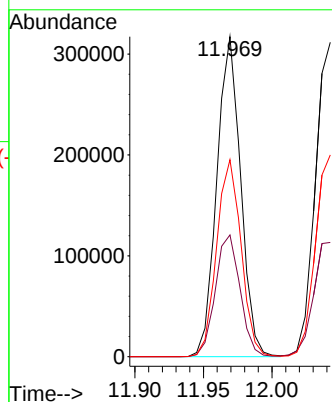
Tgt Ion:146 Resp: 383931

Ion Ratio Lower Upper

146 100

111 38.1 27.0 50.2

148 61.5 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 51.711 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

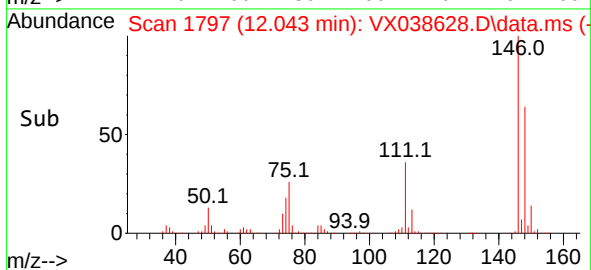
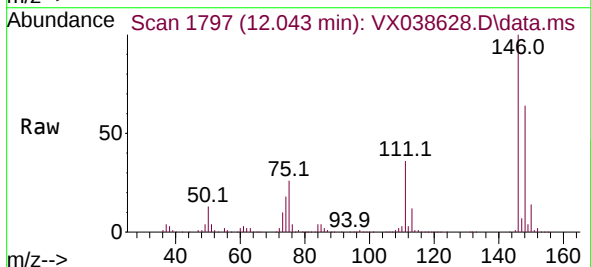
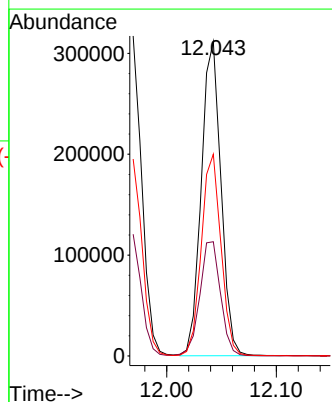
Tgt Ion:146 Resp: 388279

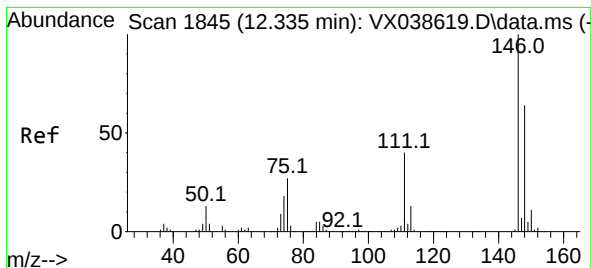
Ion Ratio Lower Upper

146 100

111 36.3 26.0 48.2

148 64.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 52.212 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

ClientSampleId :

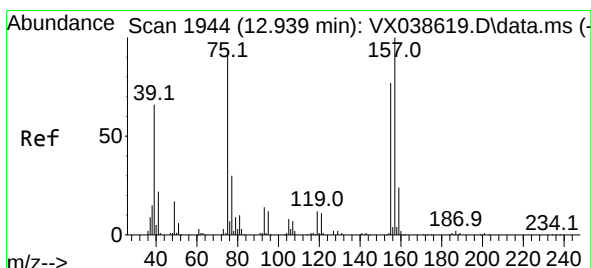
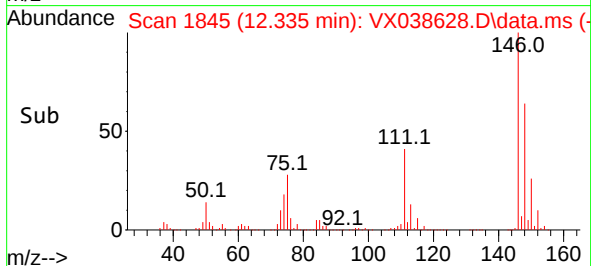
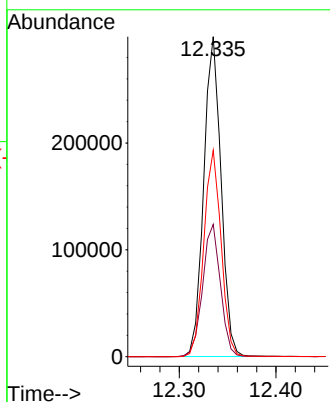
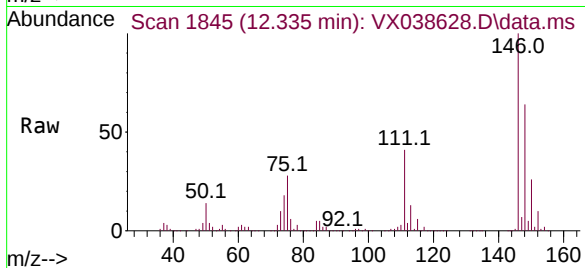
Tgt Ion:146 Resp: 373589

Ion Ratio Lower Upper

146 100

111 41.3 32.2 48.2

148 64.5 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 53.686 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

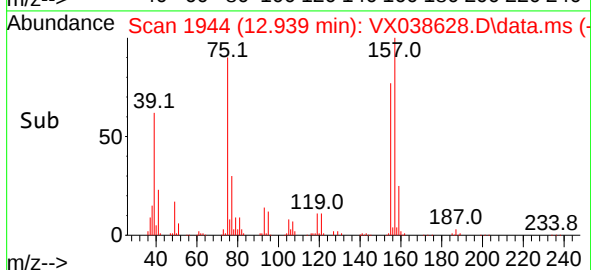
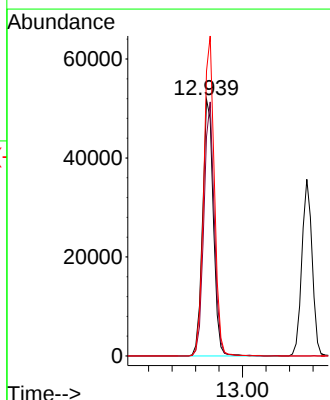
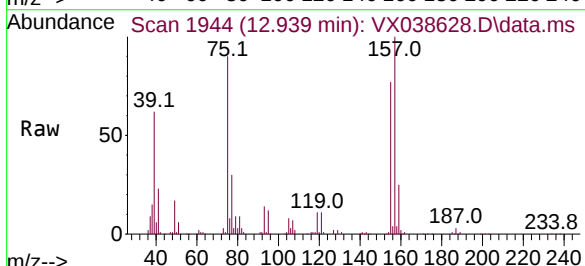
Tgt Ion: 75 Resp: 66072

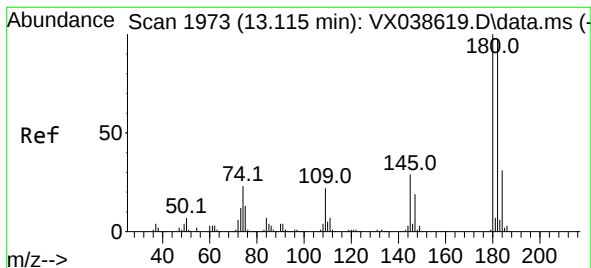
Ion Ratio Lower Upper

75 100

155 85.5 66.6 99.8

157 111.1 85.9 128.9





#69

1,3,5-Trichlorobenzene

Concen: 53.137 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 278305

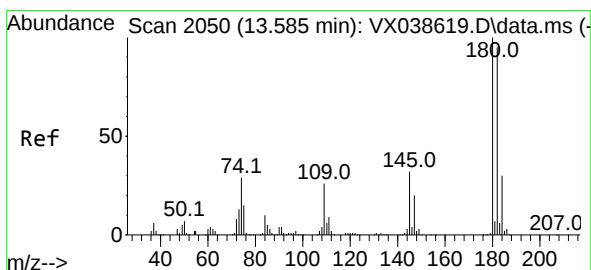
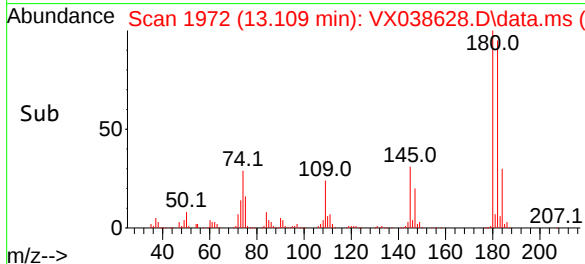
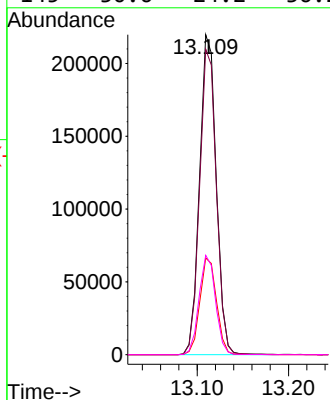
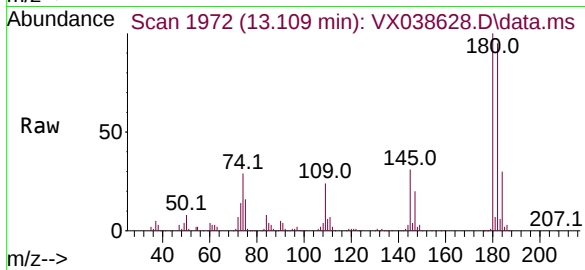
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

184 30.2 24.5 36.7

145 30.6 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 52.281 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

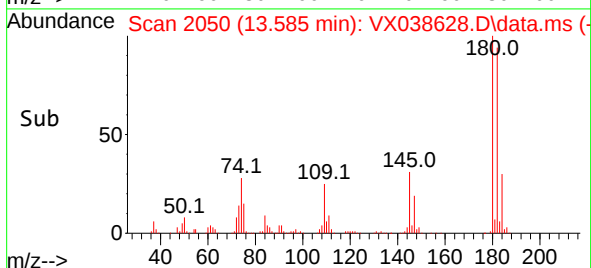
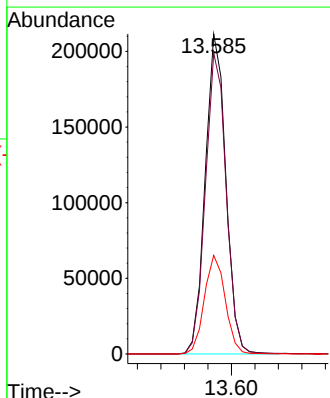
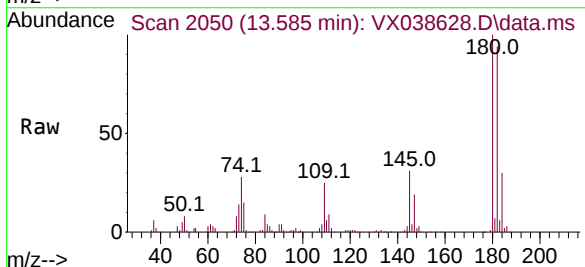
Tgt Ion:180 Resp: 257376

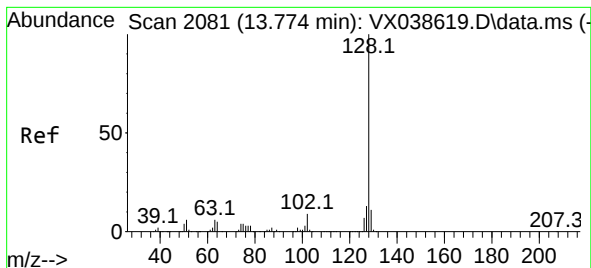
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 31.3 24.5 36.7





#71

Naphthalene

Concen: 53.206 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Instrument :

MSVOA_X

ClientSampleId :

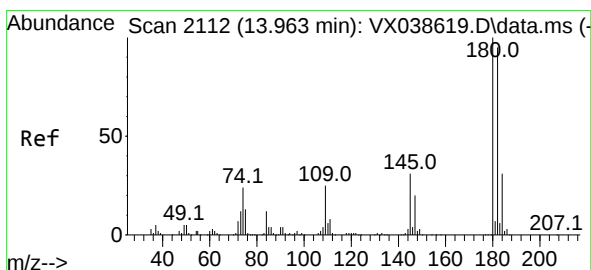
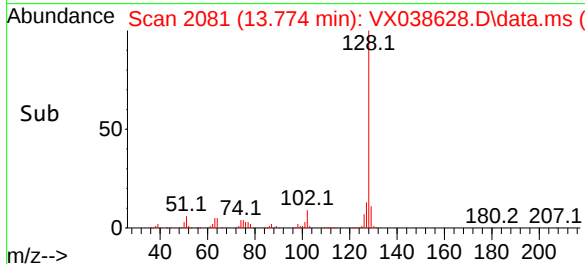
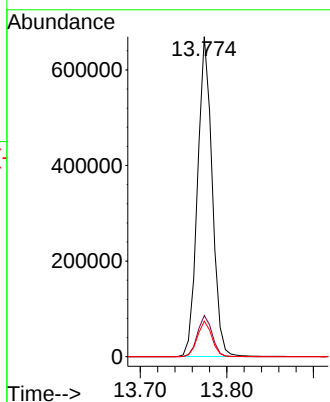
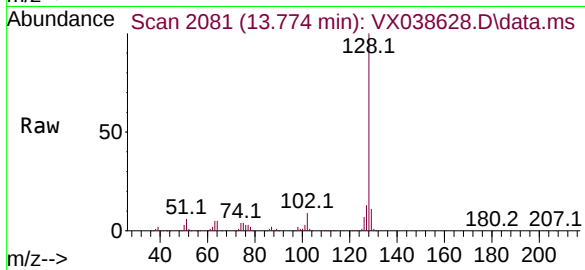
Tgt Ion:128 Resp: 784969

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 52.290 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX038628.D

Acq: 28 Oct 2023 02:36

Tgt Ion:180 Resp: 251017

Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.4

145 32.7 25.8 38.6

