

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035119.D
 Acq On : 18 Apr 2023 13:37
 Operator : JC/MD
 Sample : VSTD20036
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200636

Quant Time: Apr 19 00:32:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:30:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	501229	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	443250	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	221347	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	676573	209.341	ug/L	0.00
7) Chloroethane-d5	1.672	69	468882	200.775	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	329274	61.305	ug/L	0.00
21) 2-Butanone-d5	4.459	46	912998	423.078	ug/L	0.00
24) Chloroform-d	5.056	84	1313983	215.889	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	816634	208.939	ug/L	0.00
32) Benzene-d6	5.977	84	2654292	208.460	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	829322	213.224	ug/L	0.00
41) Toluene-d8	8.647	98	2398677	206.126	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	419274	246.668	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	685282	438.751	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	997321	209.376	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	877518	204.576	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	772481	205.636	ug/L	100
3) Chloromethane	1.294	50	697483	204.023	ug/L	100
5) Vinyl chloride	1.374	62	722242	203.581	ug/L	98
6) Bromomethane	1.618	94	430876	204.491	ug/L	99
8) Chloroethane	1.691	64	392641	198.442	ug/L	98
9) Trichlorofluoromethane	1.886	101	983364	204.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	673309	205.147	ug/L	100
12) 1,1-Dichloroethene	2.319	96	628058	209.736	ug/L	94
13) Acetone	2.392	43	600033	375.633	ug/L	100
14) Carbon disulfide	2.514	76	1665738	225.146	ug/L	100
15) Methyl Acetate	2.703	43	693427	202.647	ug/L	99
16) Methylene chloride	2.788	84	679340	203.744	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	646214	209.569	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	2212387	207.465	ug/L	99
19) 1,1-Dichloroethane	3.611	63	1242786	209.078	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	752861	208.829	ug/L	99
22) 2-Butanone	4.562	43	982968	400.902	ug/L	99
23) Bromochloromethane	4.897	128	378809	212.148	ug/L	98
25) Chloroform	5.093	83	1262118	209.423	ug/L	99
27) 1,2-Dichloroethane	6.086	62	1000397	207.250	ug/L	98
29) Cyclohexane	5.471	56	1101629	205.693	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	1122178	215.862	ug/L	98
31) Carbon tetrachloride	5.678	117	986603	223.811	ug/L	100
33) Benzene	6.038	78	2717813	202.470	ug/L	100
34) Trichloroethene	7.123	95	745978	208.915	ug/L	98
35) Methylcyclohexane	7.379	83	991981	206.285	ug/L	100
37) 1,2-Dichloropropane	7.428	63	732587	207.293	ug/L	99
38) Bromodichloromethane	7.818	83	941641	225.507	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	1210280	229.034	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	1891138	405.943	ug/L	99
42) Toluene	8.720	91	2825723	202.899	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	1118452	234.902	ug/L	99

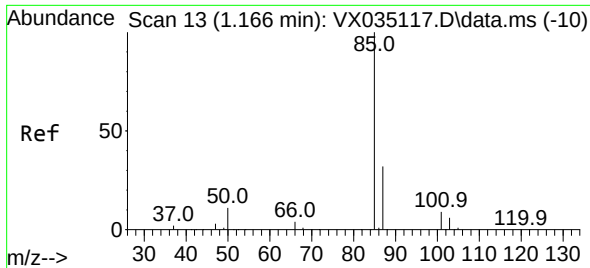
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
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 QLast Update : Wed Apr 19 00:30:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	696429	207.668	ug/L	99
46) Tetrachloroethene	9.275	164	559824	210.474	ug/L	99
48) 2-Hexanone	9.433	43	1411573	399.073	ug/L	98
49) Dibromochloromethane	9.519	129	738930	231.854	ug/L	99
50) 1,2-Dibromoethane	9.610	107	737107	211.237	ug/L	100
51) Chlorobenzene	10.079	112	1874639	204.317	ug/L	99
52) Ethylbenzene	10.195	91	3119418	202.624	ug/L	99
53) m,p-Xylene	10.299	106	1236921	209.818	ug/L	98
54) o-Xylene	10.640	106	1208710	208.544	ug/L	94
55) Styrene	10.653	104	2065625	210.349	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	1017367	205.846	ug/L	99
59) Bromoform	10.799	173	538879	236.501	ug/L	99
60) Isopropylbenzene	10.963	105	2956321	196.422	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	791923	193.783	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	2474456	201.034	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	2468255	201.671	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	1415788	206.251	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	1424468	202.797	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	1387968	199.415	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	224449	222.581	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	888110	209.278	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	837382	210.735	ug/L	99
71) Naphthalene	13.774	128	2899100	204.822	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	817782	208.469	ug/L	99

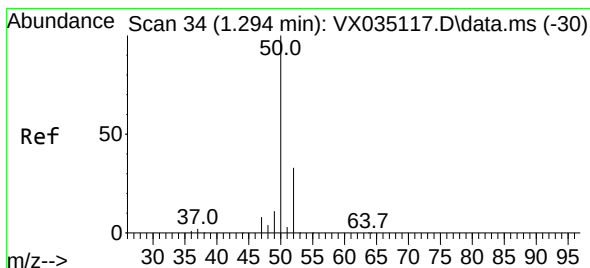
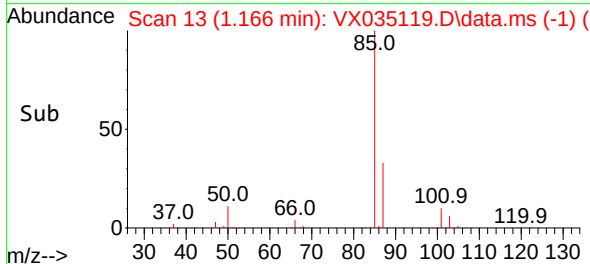
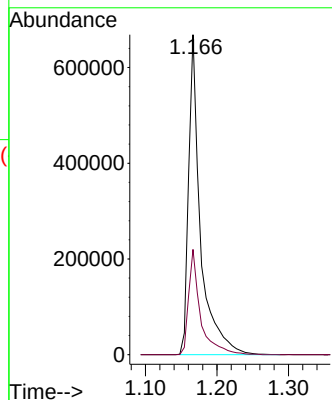
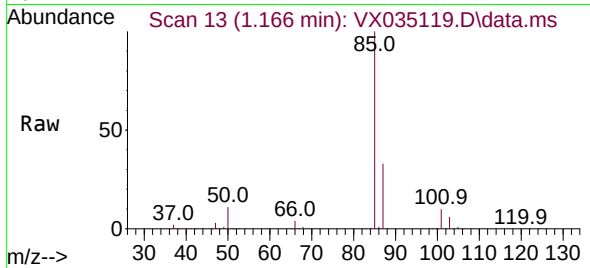
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#2
 Dichlorodifluoromethane
 Concen: 205.636 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
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 Acq: 18 Apr 2023 13:37

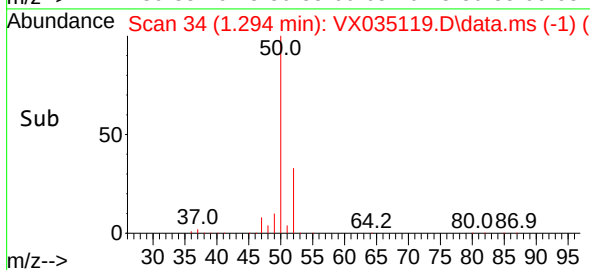
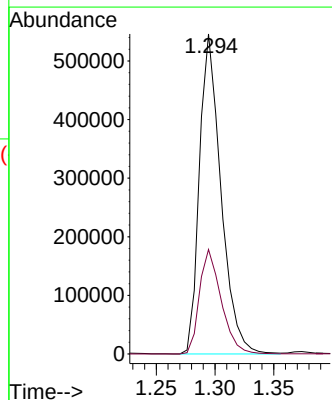
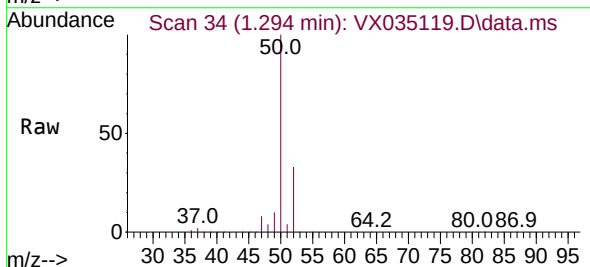
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200636

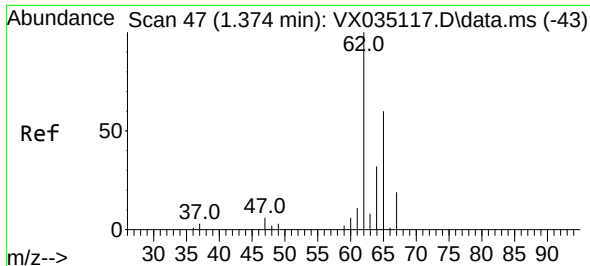
Tgt Ion: 85 Resp: 772481
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 204.023 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX035119.D
 Acq: 18 Apr 2023 13:37

Tgt Ion: 50 Resp: 697483
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.6

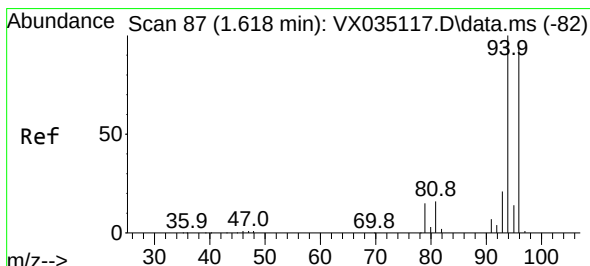
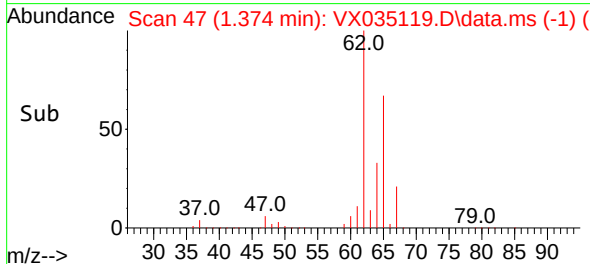
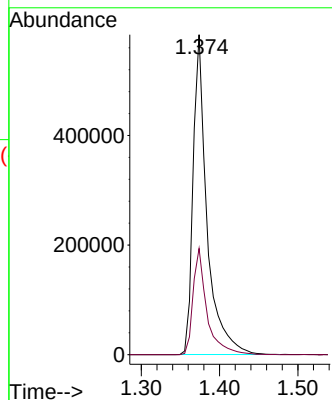
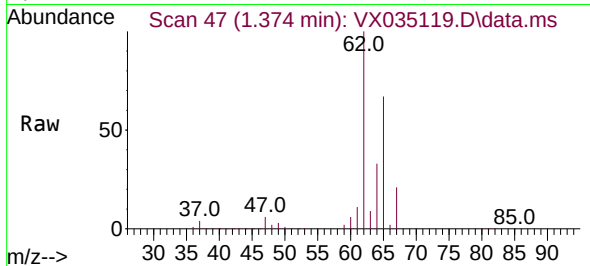




#5
 Vinyl chloride
 Concen: 203.581 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035119.D
 Acq: 18 Apr 2023 13:37

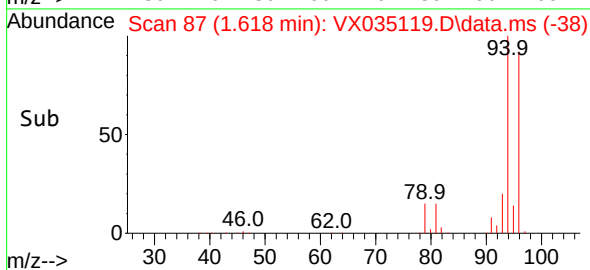
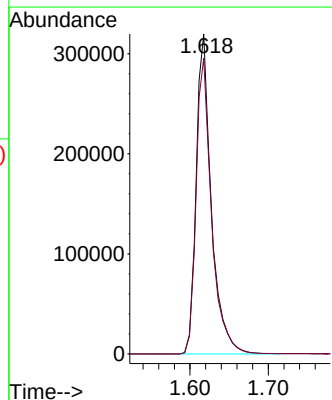
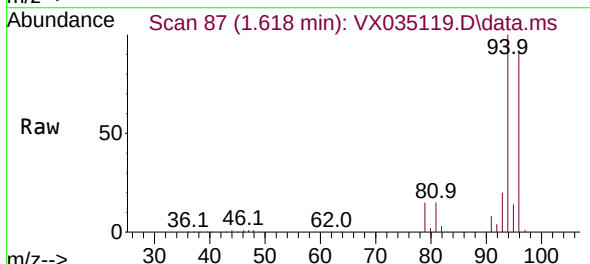
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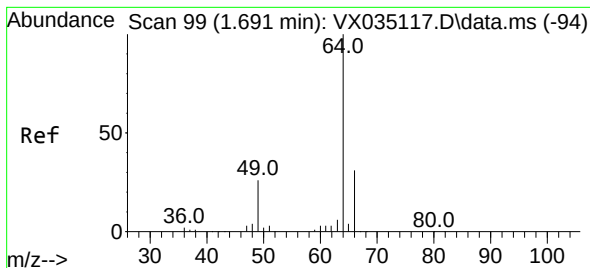
Tgt Ion: 62 Resp: 722242
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.5 41.7



#6
 Bromomethane
 Concen: 204.491 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX035119.D
 Acq: 18 Apr 2023 13:37

Tgt Ion: 94 Resp: 430876
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.7 121.9





#8

Chloroethane

Concen: 198.442 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

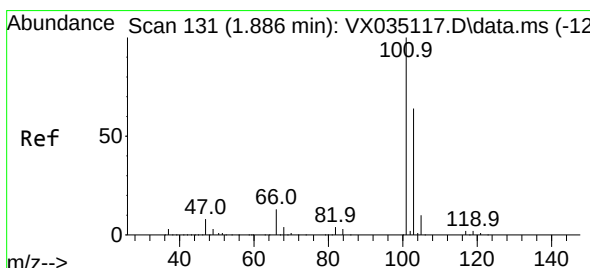
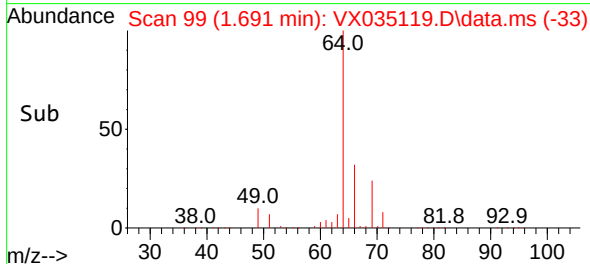
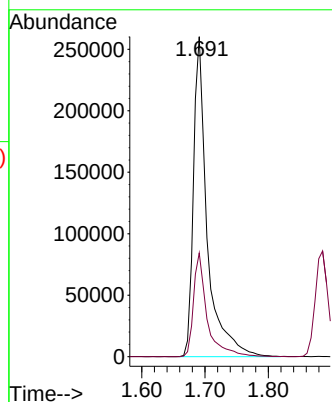
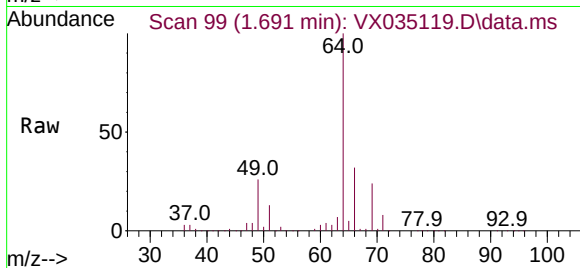
VSTD200636

Tgt Ion: 64 Resp: 392641

Ion Ratio Lower Upper

64 100

66 32.4 21.9 40.7



#9

Trichlorofluoromethane

Concen: 204.691 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX035119.D

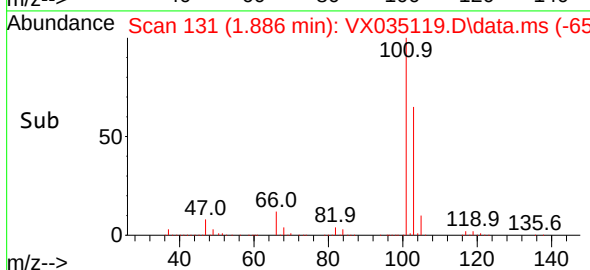
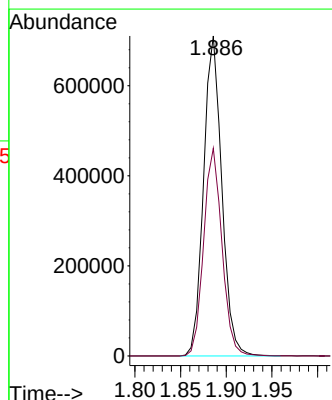
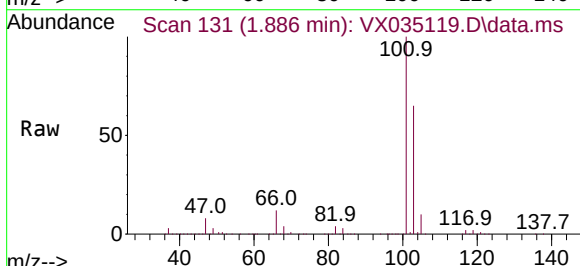
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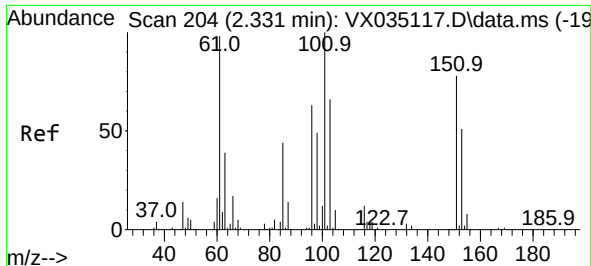
Tgt Ion:101 Resp: 983364

Ion Ratio Lower Upper

101 100

103 65.1 51.7 77.5

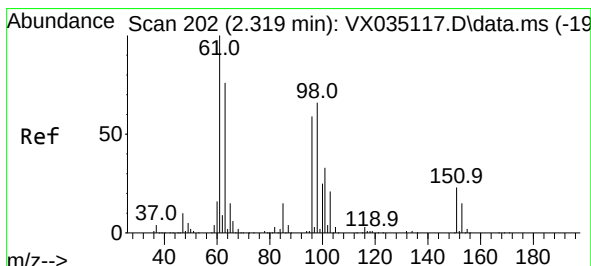
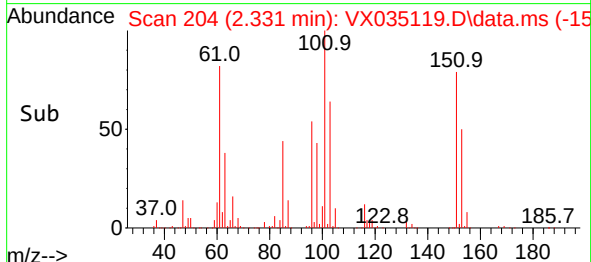
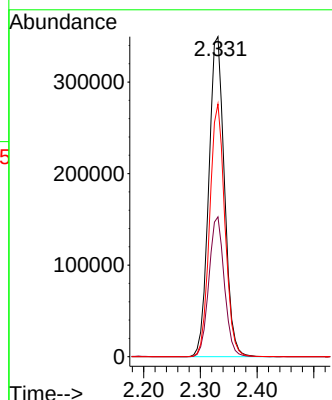
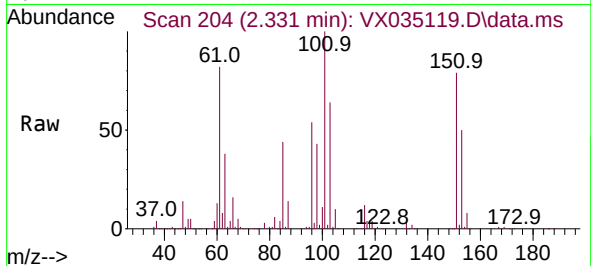




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 205.147 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX035119.D
 Acq: 18 Apr 2023 13:37

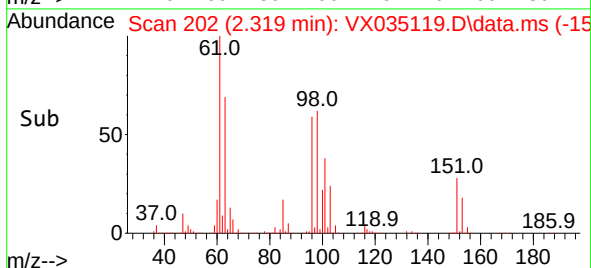
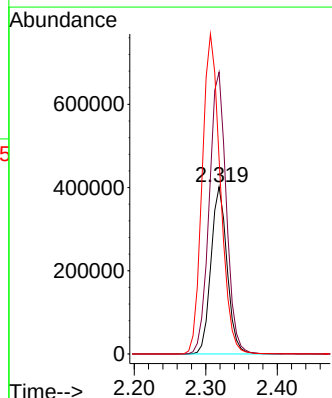
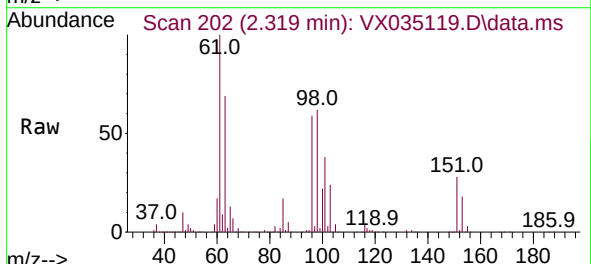
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200636

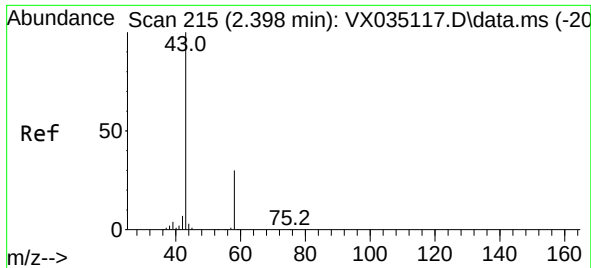
Tgt Ion:101 Resp: 673309
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.2 51.2
 151 76.4 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 209.736 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX035119.D
 Acq: 18 Apr 2023 13:37

Tgt Ion: 96 Resp: 628058
 Ion Ratio Lower Upper
 96 100
 61 168.5 119.0 221.0
 63 116.7 91.0 169.0





#13

Acetone

Concen: 375.633 ug/L

RT: 2.392 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

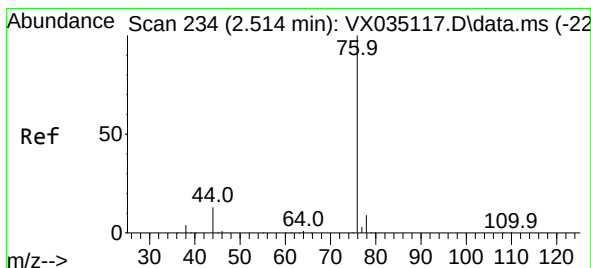
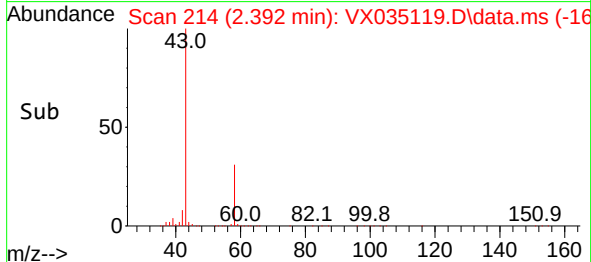
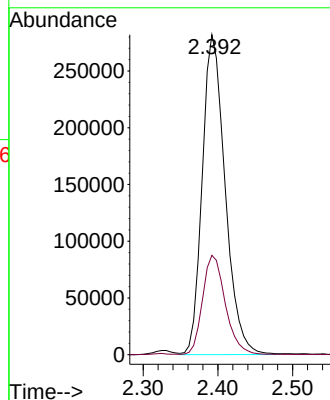
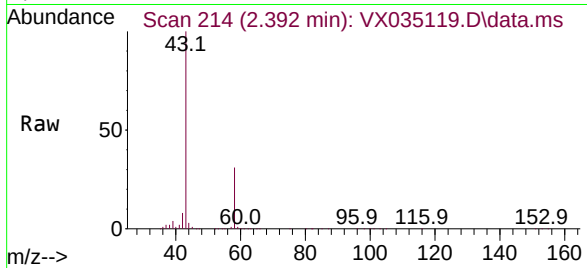
VSTD200636

Tgt Ion: 43 Resp: 600033

Ion Ratio Lower Upper

43 100

58 30.9 0.0 62.0



#14

Carbon disulfide

Concen: 225.146 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX035119.D

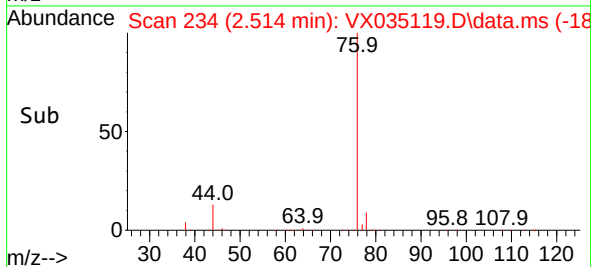
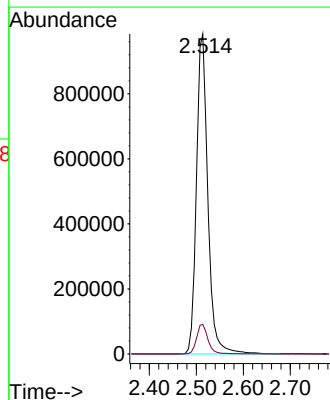
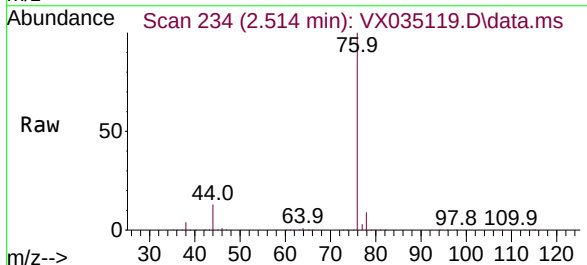
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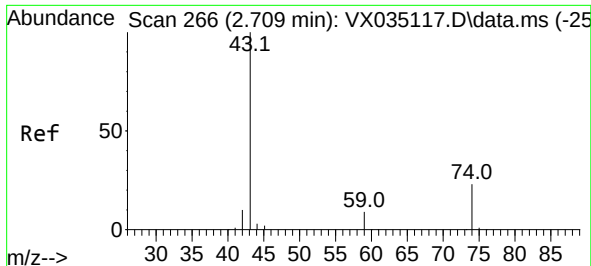
Tgt Ion: 76 Resp: 1665738

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

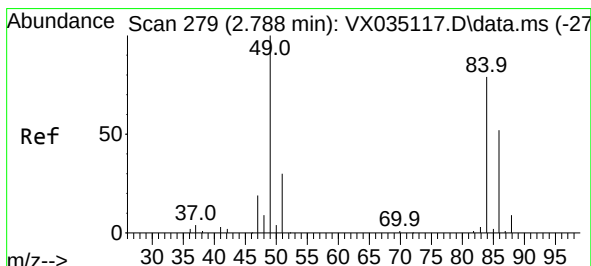
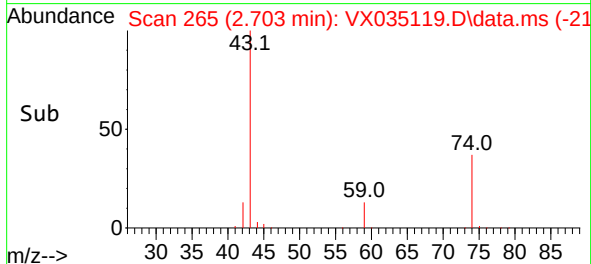
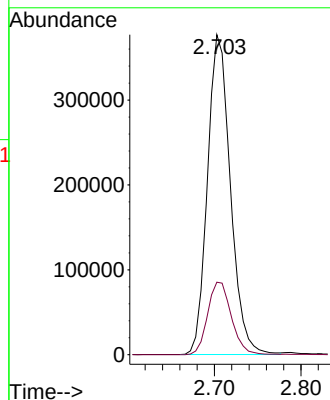
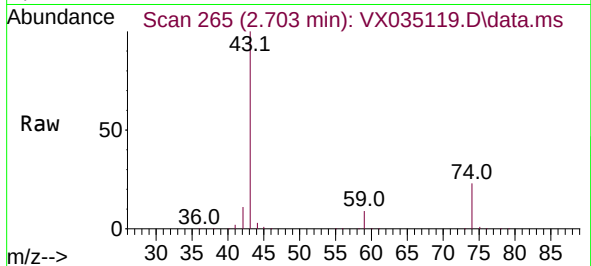




#15
Methyl Acetate
Concen: 202.647 ug/L
RT: 2.703 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

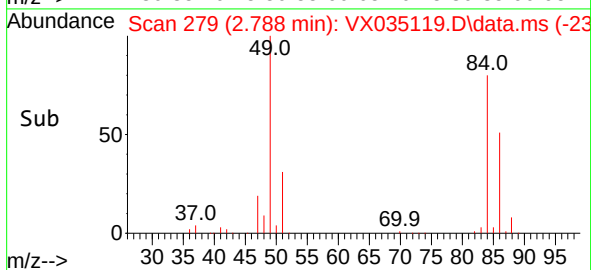
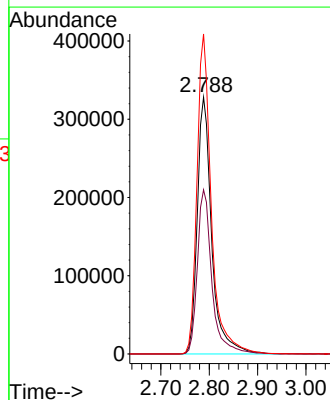
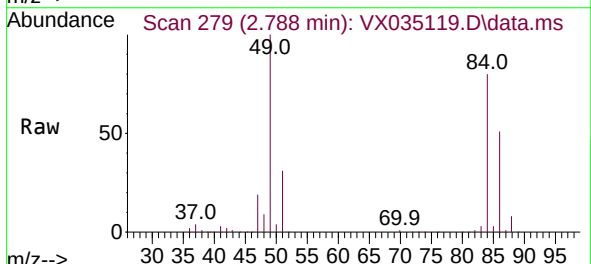
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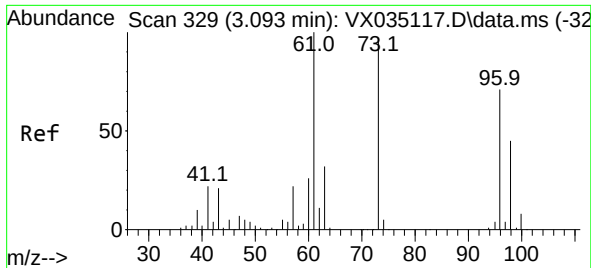
Tgt Ion: 43 Resp: 693427
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4



#16
Methylene chloride
Concen: 203.744 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion: 84 Resp: 679340
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 124.6 88.7 164.7

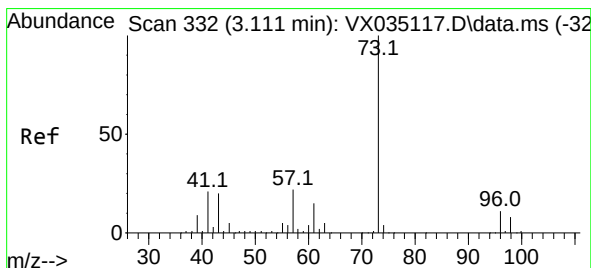
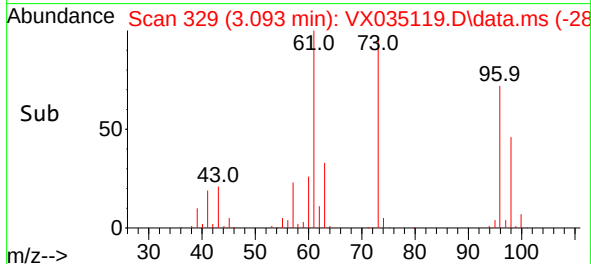
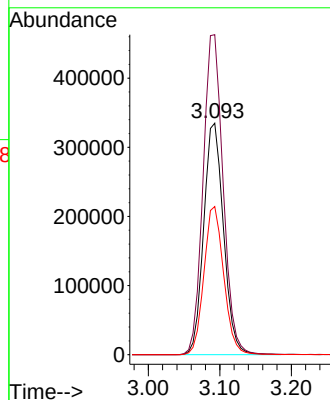
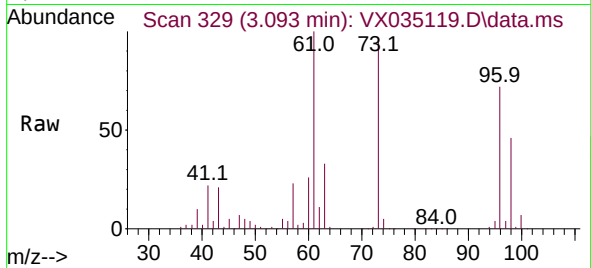




#17
trans-1,2-Dichloroethene
Concen: 209.569 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

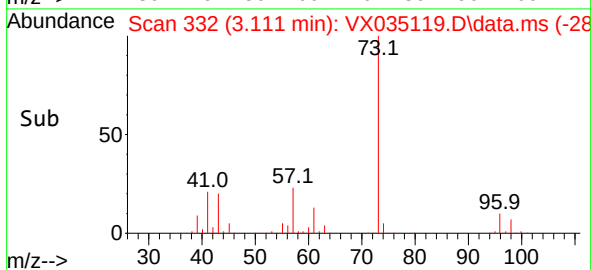
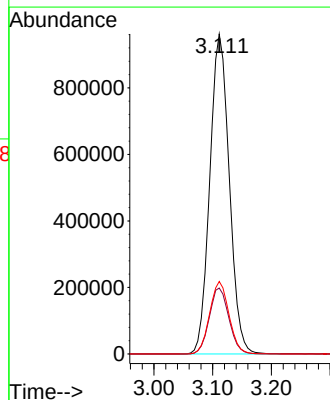
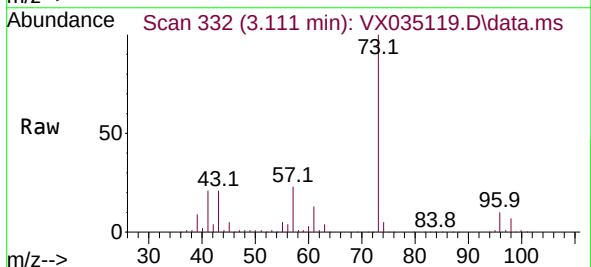
Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

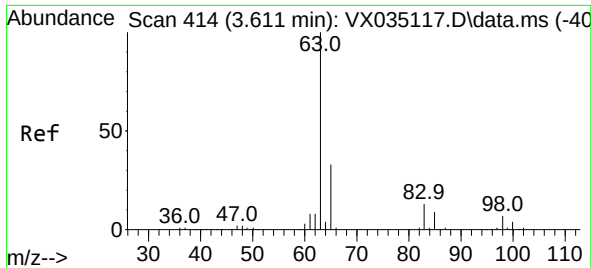
Tgt Ion: 96 Resp: 646214
Ion Ratio Lower Upper
96 100
61 138.2 98.8 183.4
98 64.0 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 207.465 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion: 73 Resp: 2212387
Ion Ratio Lower Upper
73 100
43 20.7 16.6 25.0
57 22.5 17.5 26.3



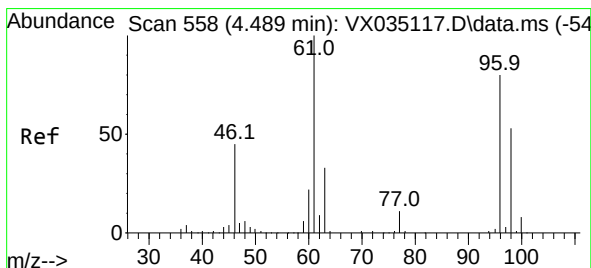
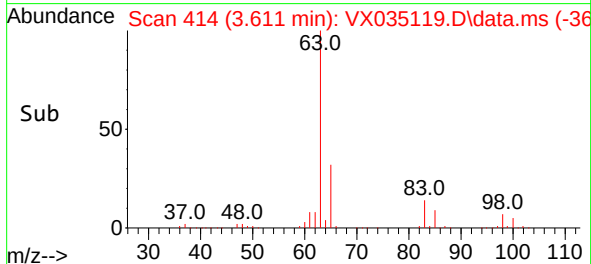
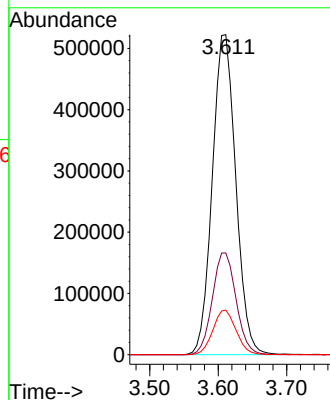
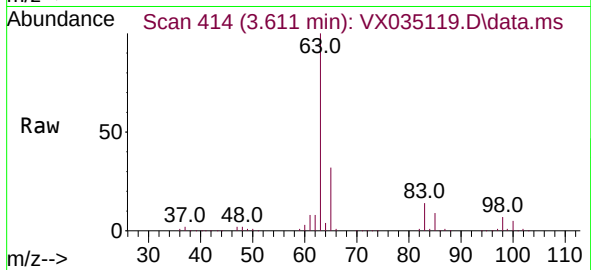


#19
 1,1-Dichloroethane
 Concen: 209.078 ug/L
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035119.D
 Acq: 18 Apr 2023 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200636

Tgt Ion: 63 Resp: 1242786

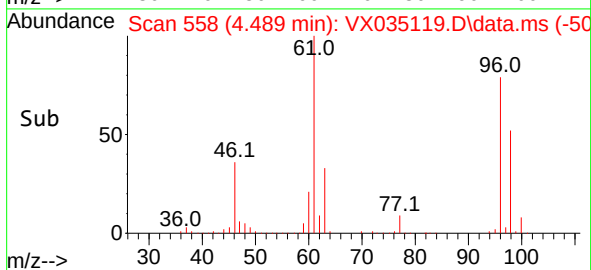
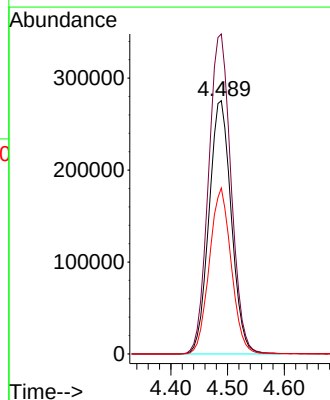
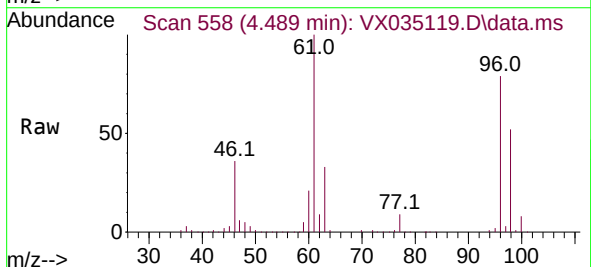
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.8	42.4
83	14.0	9.1	16.9

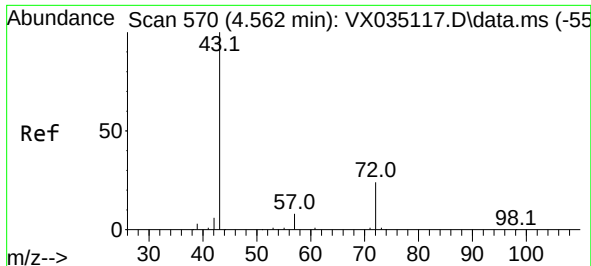


#20
 cis-1,2-Dichloroethene
 Concen: 208.829 ug/L
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX035119.D
 Acq: 18 Apr 2023 13:37

Tgt Ion: 96 Resp: 752861

Ion	Ratio	Lower	Upper
96	100		
61	126.4	87.8	163.2
98	65.5	46.3	86.1

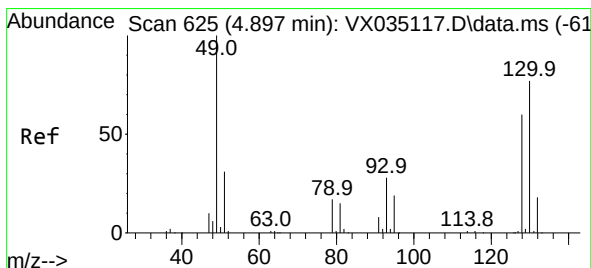
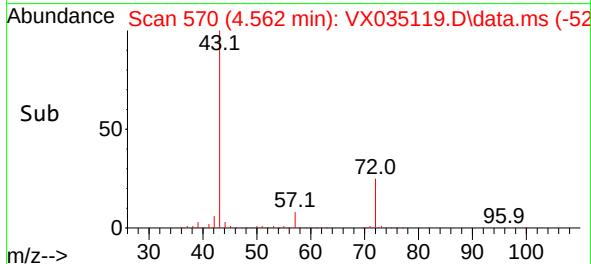
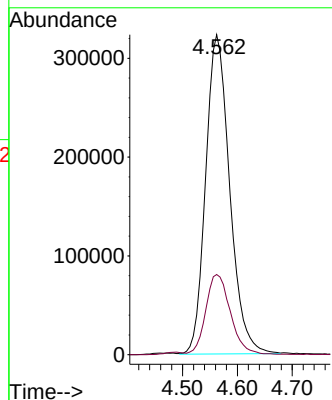
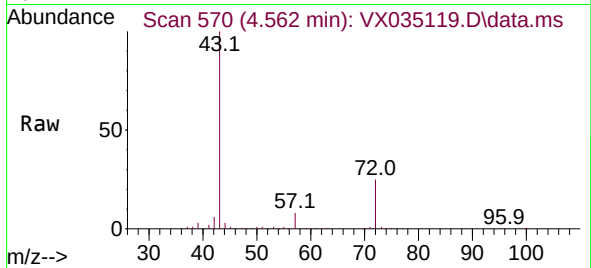




#22
2-Butanone
Concen: 400.902 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

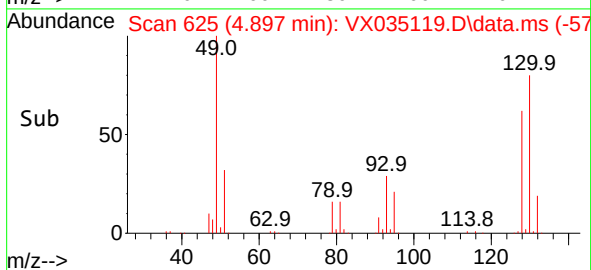
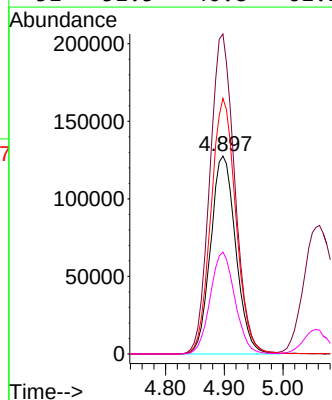
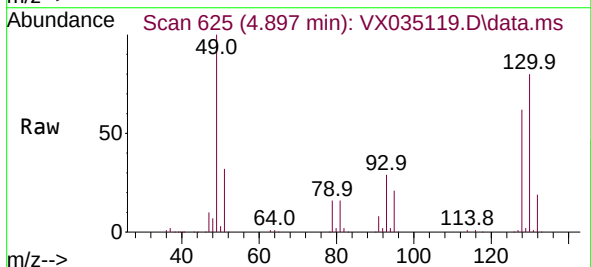
Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

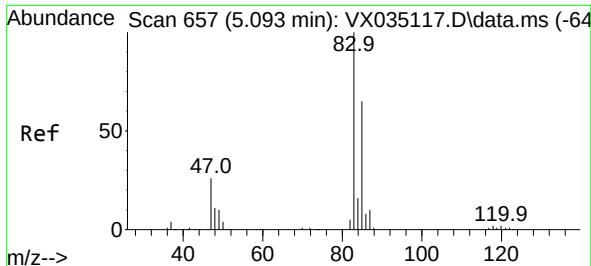
Tgt Ion: 43 Resp: 982968
Ion Ratio Lower Upper
43 100
72 25.5 12.4 37.2



#23
Bromochloromethane
Concen: 212.148 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion: 128 Resp: 378809
Ion Ratio Lower Upper
128 100
49 161.7 115.9 215.3
130 129.2 88.9 165.1
51 51.5 40.8 61.2

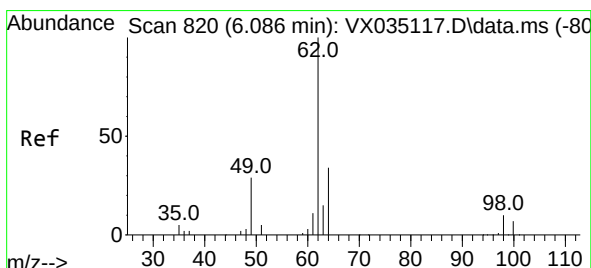
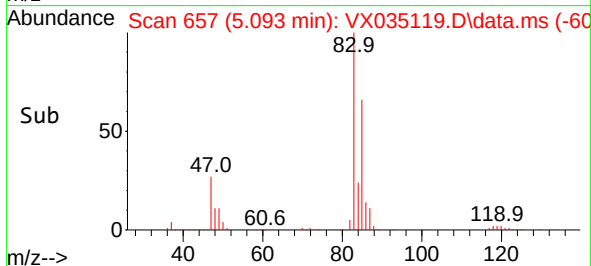
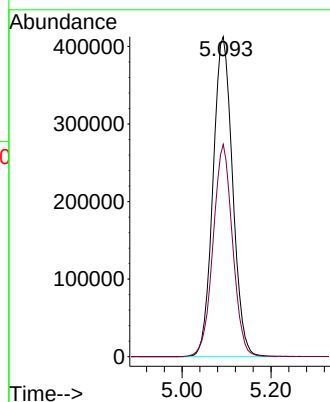
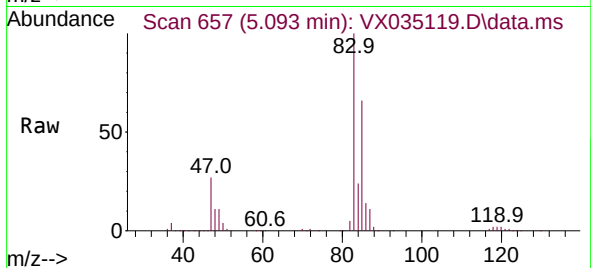




#25
Chloroform
Concen: 209.423 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

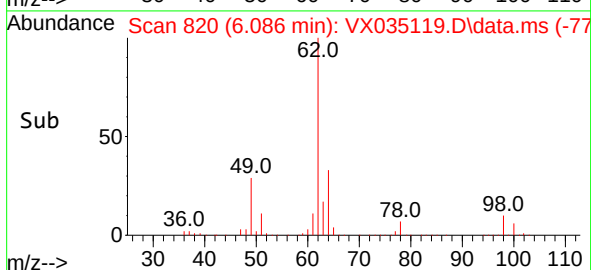
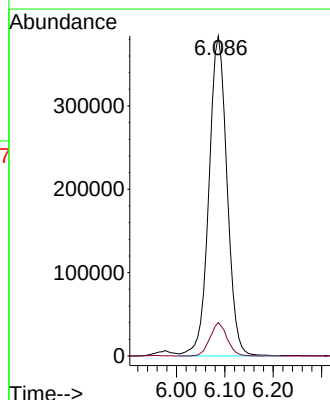
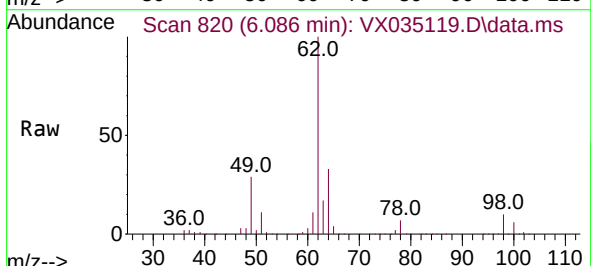
Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

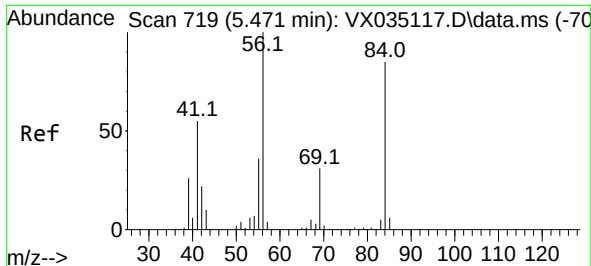
Tgt Ion: 83 Resp: 1262118
Ion Ratio Lower Upper
83 100
85 66.3 46.0 85.4



#27
1,2-Dichloroethane
Concen: 207.250 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion: 62 Resp: 1000397
Ion Ratio Lower Upper
62 100
98 10.5 7.8 11.8

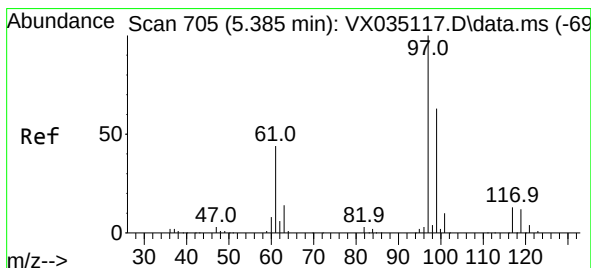
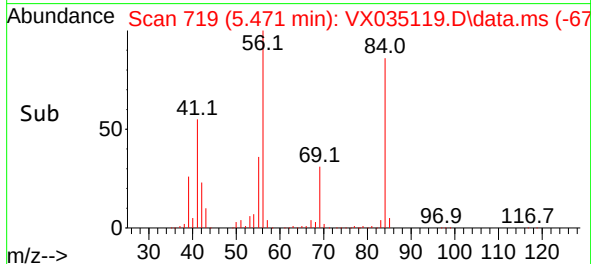
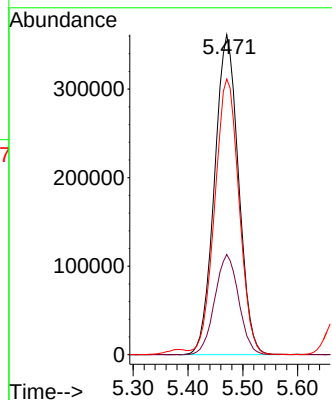
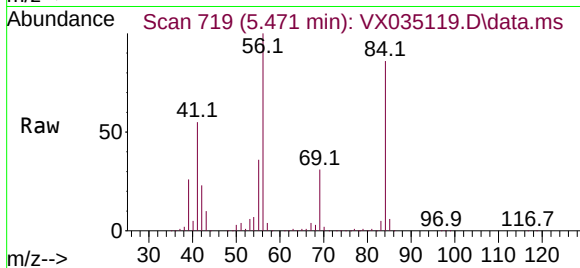




#29
Cyclohexane
Concen: 205.693 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

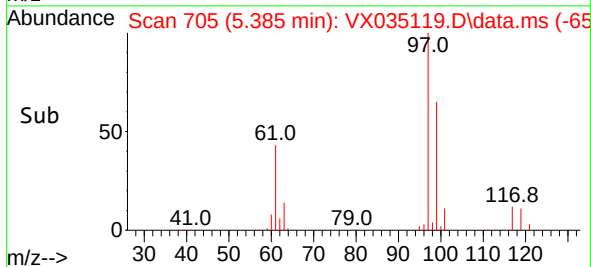
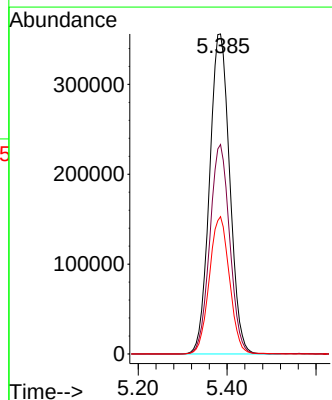
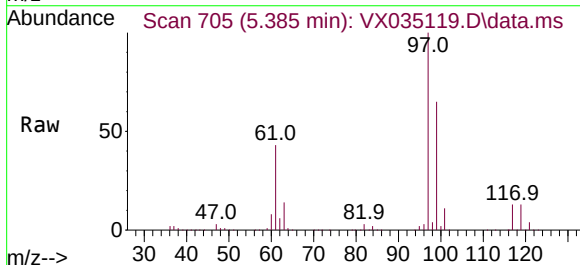
Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

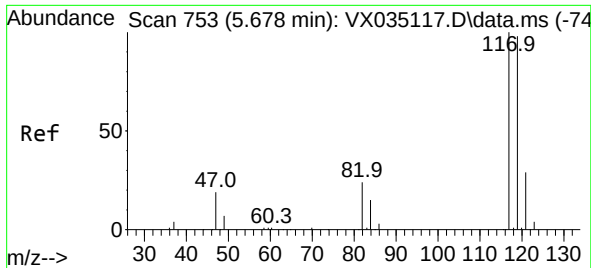
Tgt Ion: 56 Resp: 1101629
Ion Ratio Lower Upper
56 100
69 31.2 25.1 37.7
84 87.3 70.1 105.1



#30
1,1,1-Trichloroethane
Concen: 215.862 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion: 97 Resp: 1122178
Ion Ratio Lower Upper
97 100
99 64.7 50.6 75.8
61 42.8 34.9 52.3

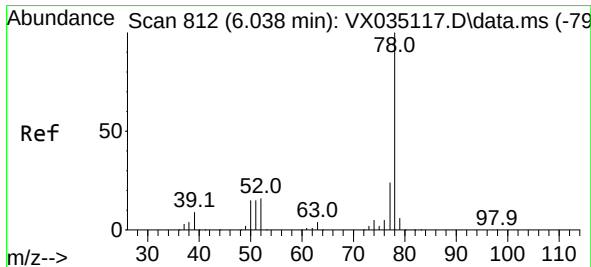
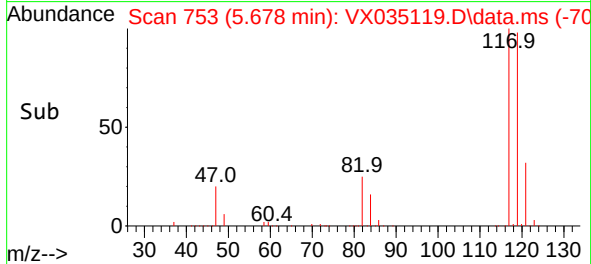
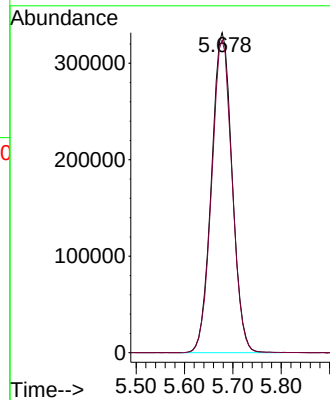
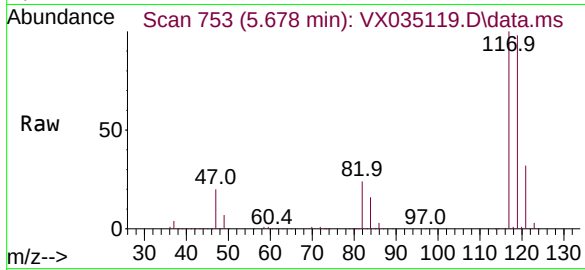




#31
Carbon tetrachloride
Concen: 223.811 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

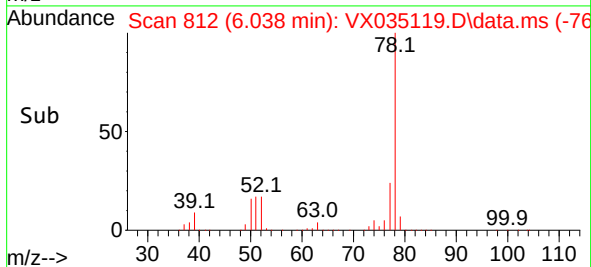
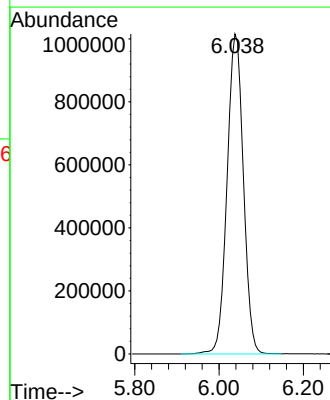
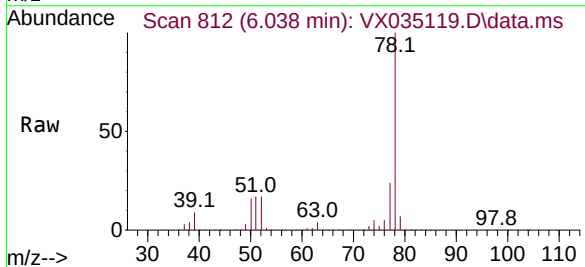
Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

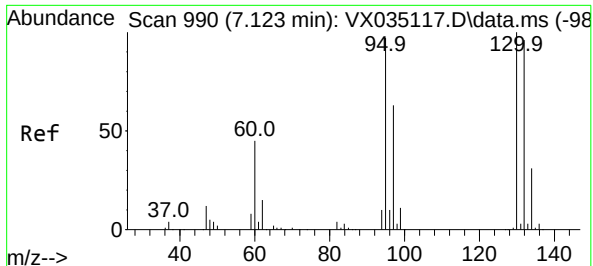
Tgt Ion:117 Resp: 986603
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7



#33
Benzene
Concen: 202.470 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion: 78 Resp: 2717813

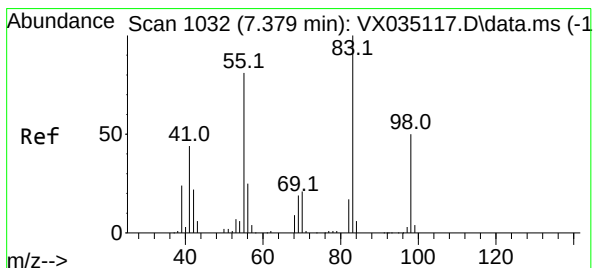
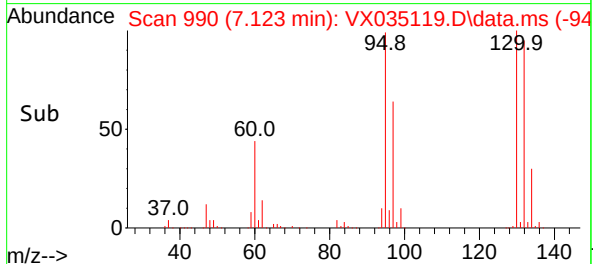
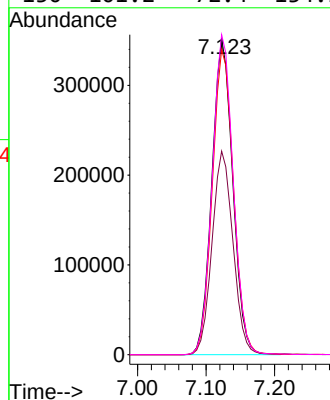
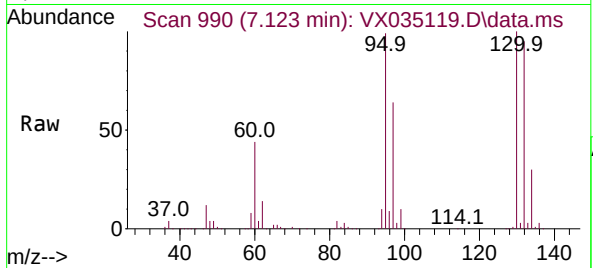




#34
Trichloroethene
Concen: 208.915 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

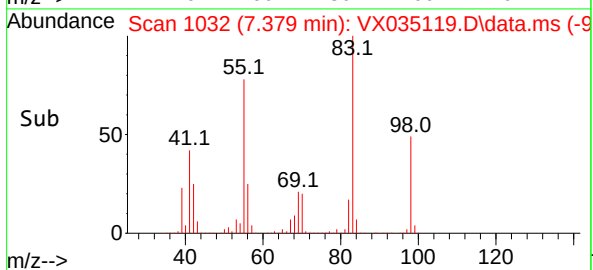
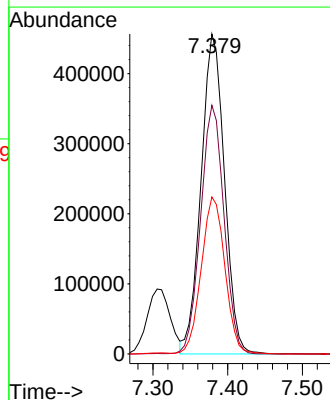
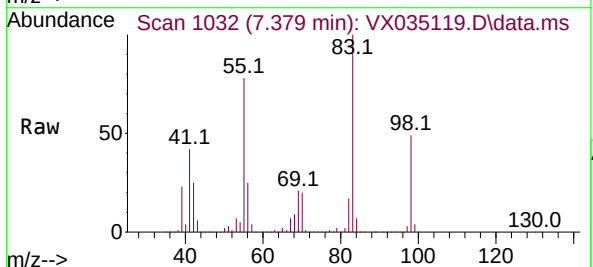
Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

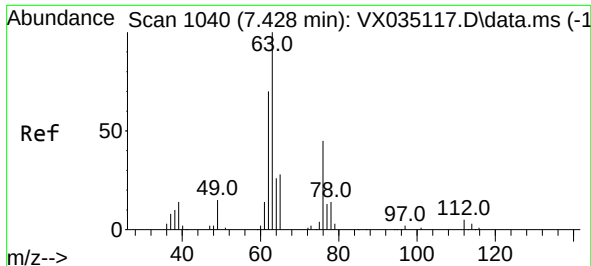
Tgt Ion: 95 Resp: 745978
Ion Ratio Lower Upper
95 100
97 64.4 45.6 84.8
132 96.6 69.7 129.4
130 101.2 72.4 134.5



#35
Methylcyclohexane
Concen: 206.285 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion: 83 Resp: 991981
Ion Ratio Lower Upper
83 100
55 77.7 62.2 93.2
98 49.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 207.293 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

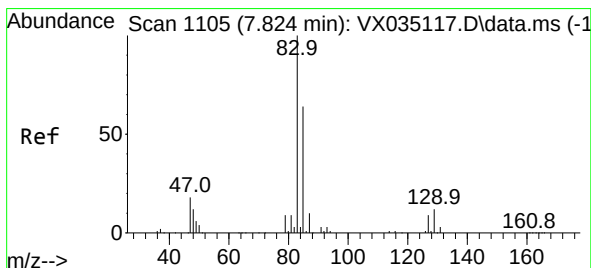
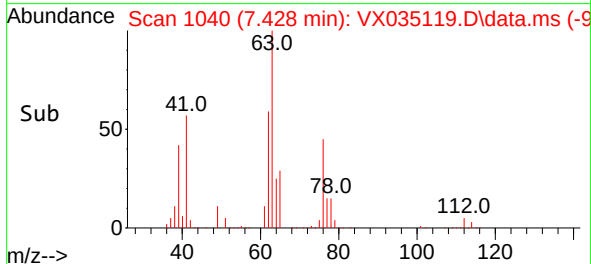
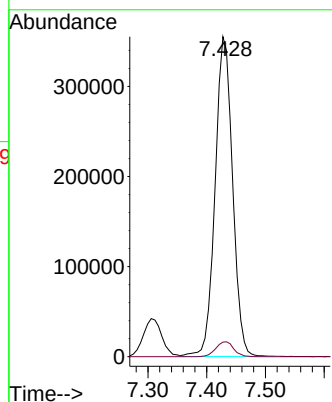
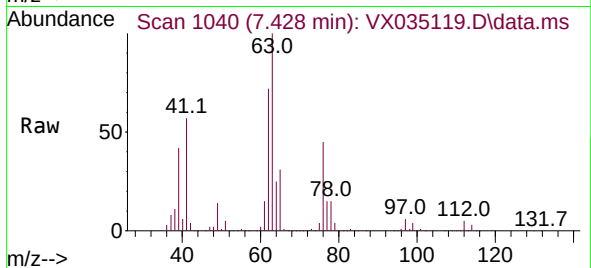
VSTD200636

Tgt Ion: 63 Resp: 732587

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 225.507 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

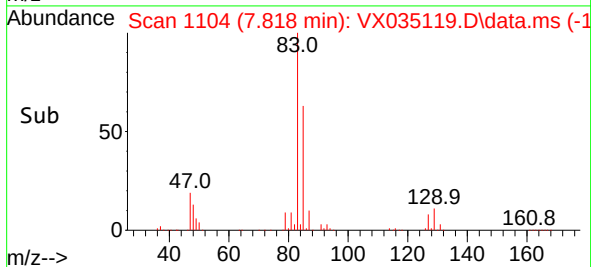
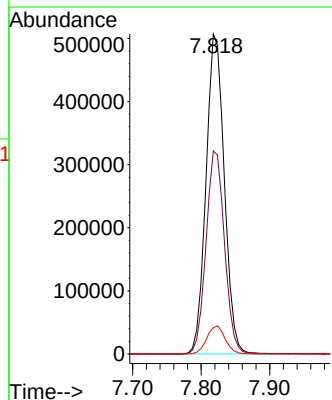
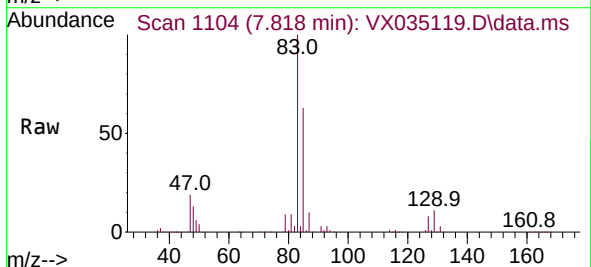
Tgt Ion: 83 Resp: 941641

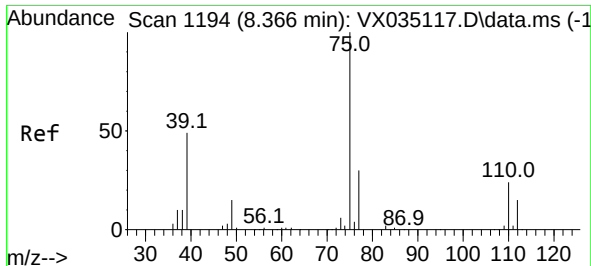
Ion Ratio Lower Upper

83 100

85 63.4 44.7 82.9

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 229.034 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

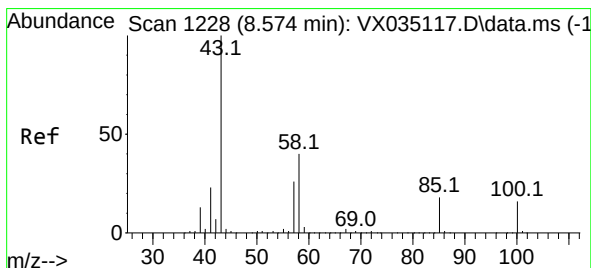
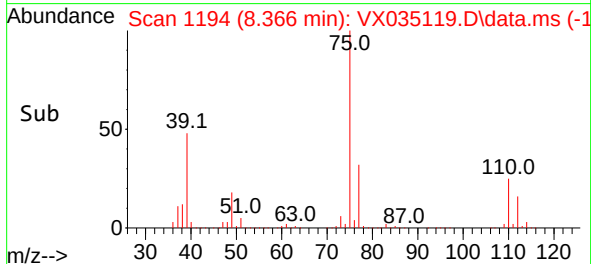
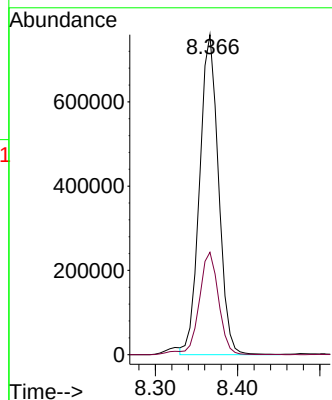
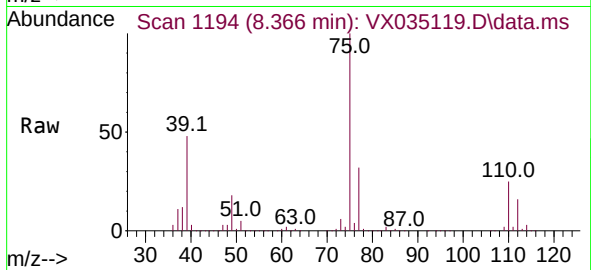
VSTD200636

Tgt Ion: 75 Resp: 1210280

Ion Ratio Lower Upper

75 100

77 32.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 405.943 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

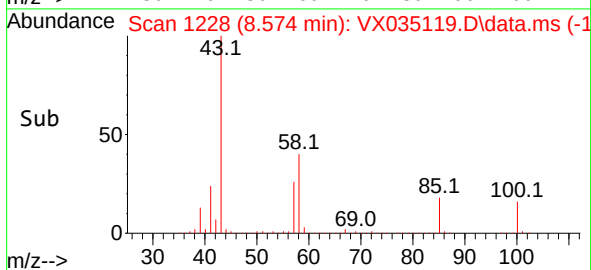
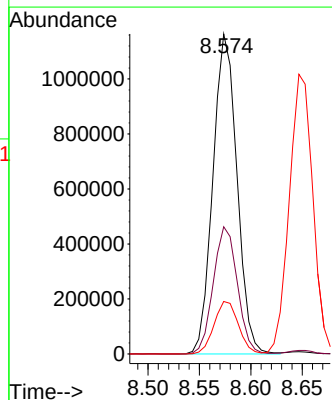
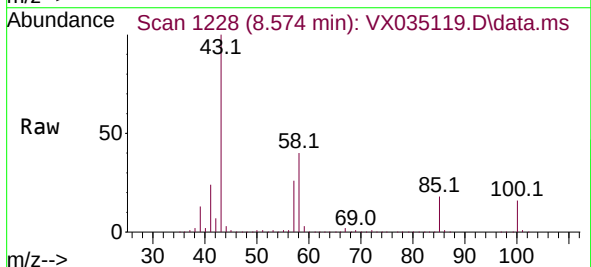
Tgt Ion: 43 Resp: 1891138

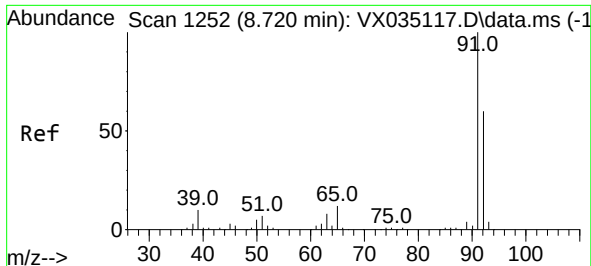
Ion Ratio Lower Upper

43 100

58 39.8 31.5 47.3

100 16.6 12.8 19.2





#42

Toluene

Concen: 202.899 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

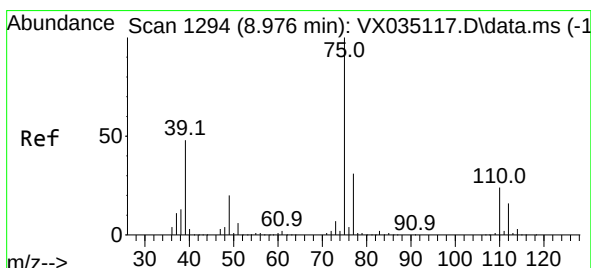
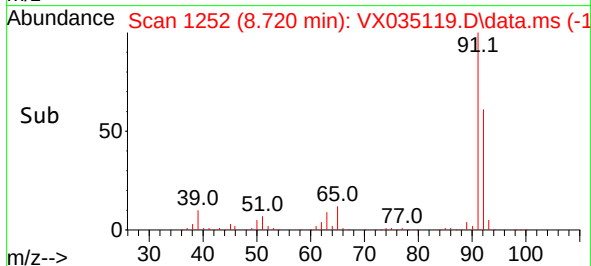
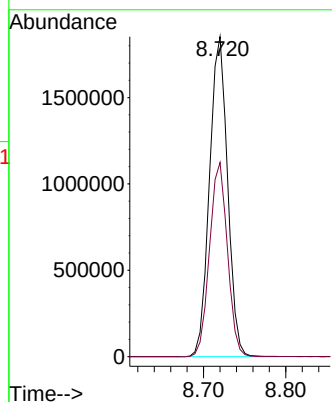
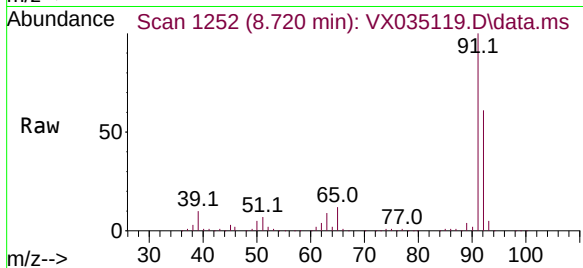
VSTD200636

Tgt Ion: 91 Resp: 2825723

Ion Ratio Lower Upper

91 100

92 60.7 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 234.902 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035119.D

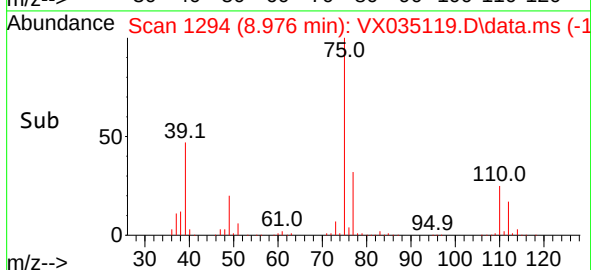
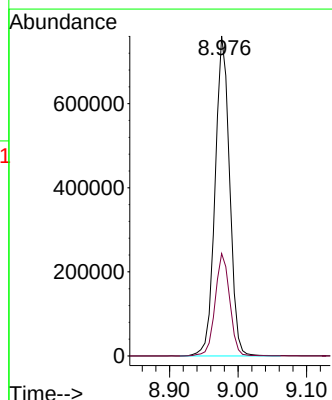
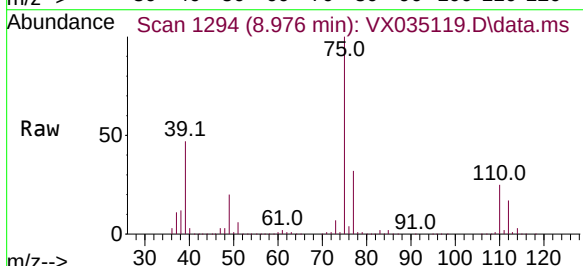
Acq: 18 Apr 2023 13:37

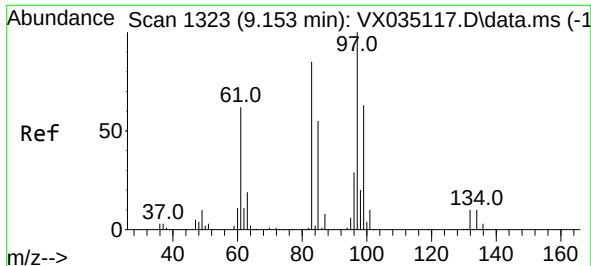
Tgt Ion: 75 Resp: 1118452

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



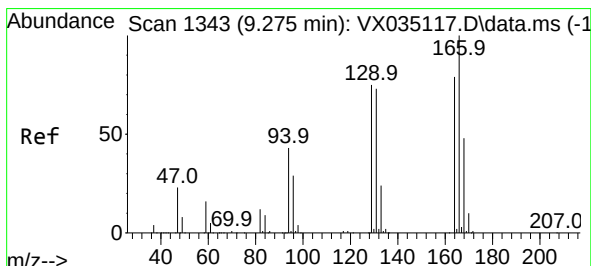
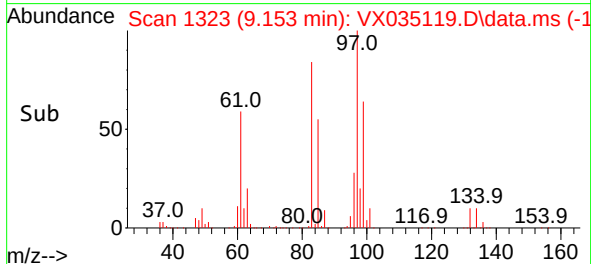
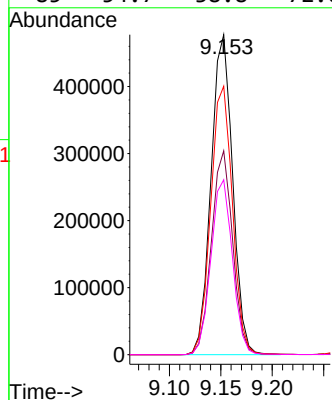
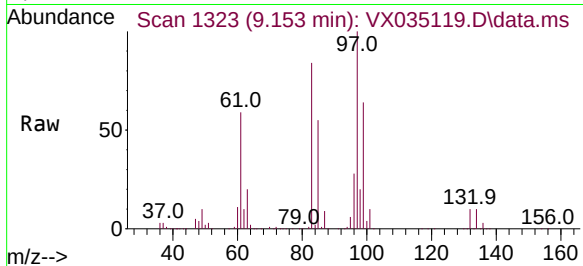


#45
1,1,2-Trichloroethane
Concen: 207.668 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

Tgt Ion: 97 Resp: 696429

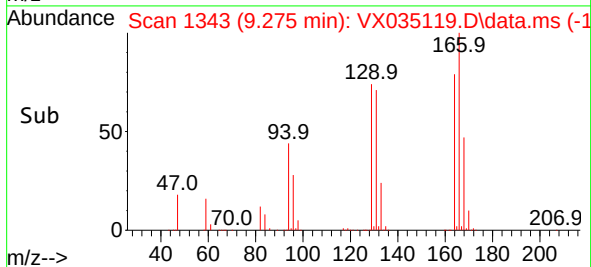
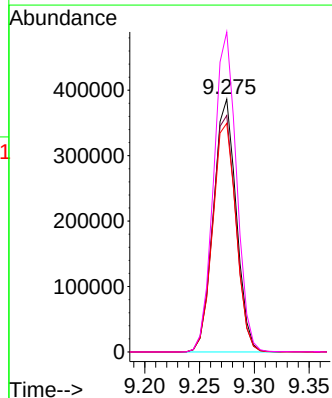
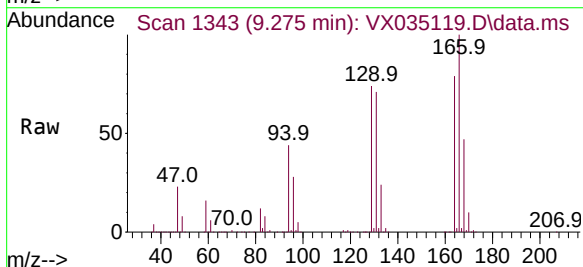
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.8	81.4
83	83.9	59.8	111.0
85	54.7	38.8	72.0

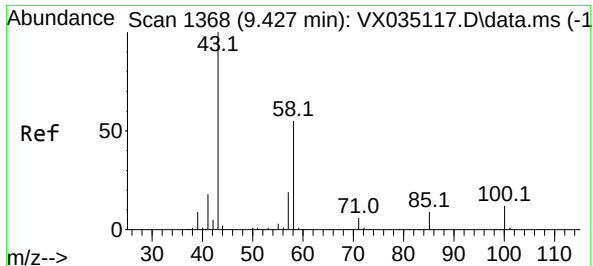


#46
Tetrachloroethene
Concen: 210.474 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion: 164 Resp: 559824

Ion	Ratio	Lower	Upper
164	100		
129	93.6	66.1	122.8
131	90.5	65.0	120.8
166	126.6	88.6	164.6



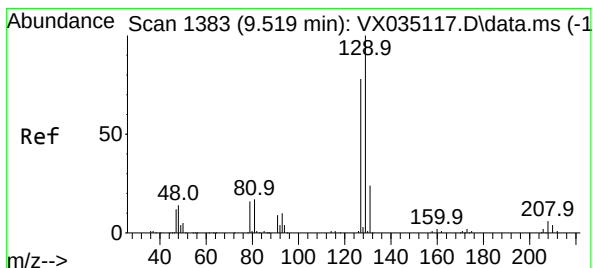
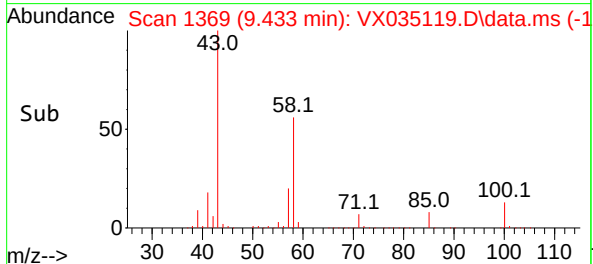
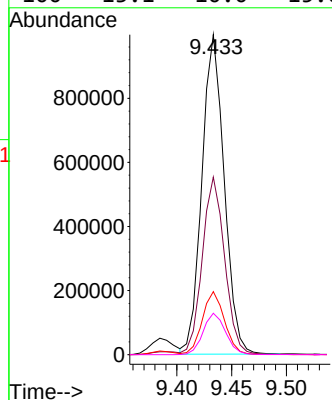
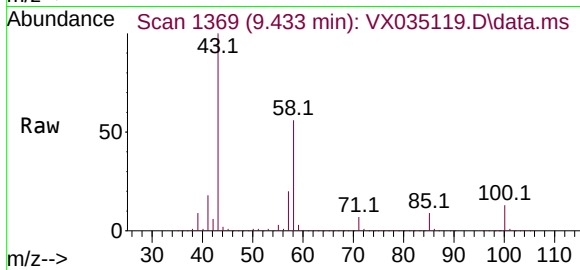


#48
2-Hexanone
Concen: 399.073 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

Tgt Ion: 43 Resp: 1411573

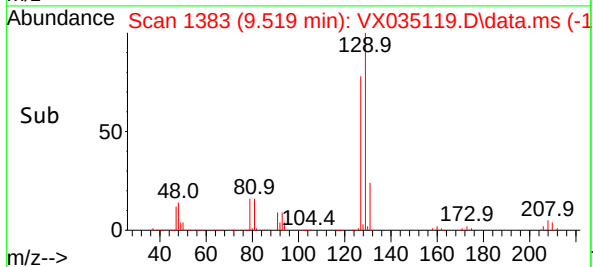
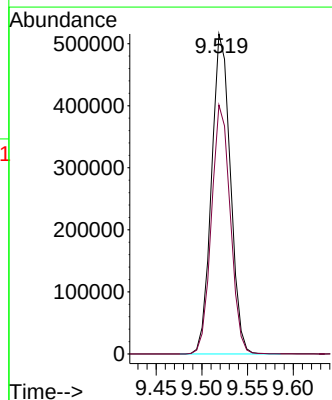
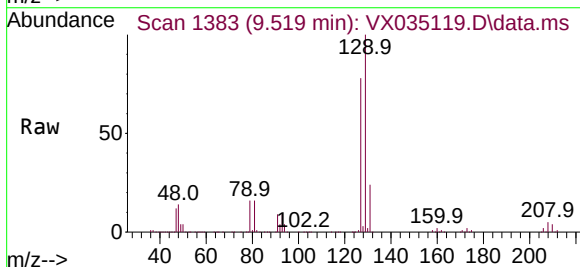
Ion	Ratio	Lower	Upper
43	100		
58	55.9	43.2	64.8
57	19.7	15.4	23.0
100	13.1	10.0	15.0

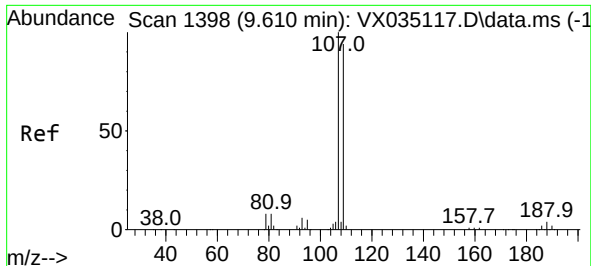


#49
Dibromochloromethane
Concen: 231.854 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion: 129 Resp: 738930

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.8	101.8





#50

1,2-Dibromoethane

Concen: 211.237 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTD200636

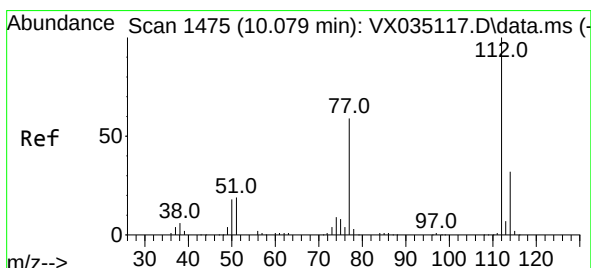
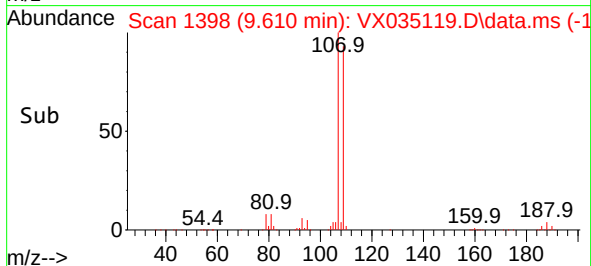
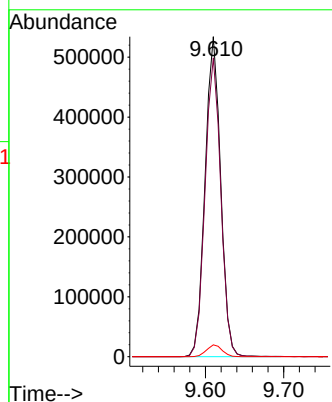
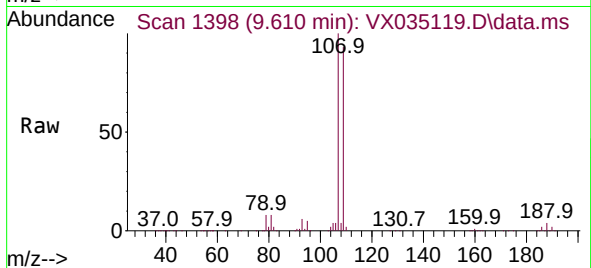
Tgt Ion:107 Resp: 737107

Ion Ratio Lower Upper

107 100

109 93.4 65.6 121.8

188 3.7 3.3 4.9



#51

Chlorobenzene

Concen: 204.317 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

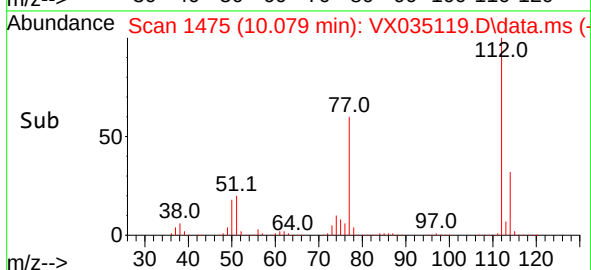
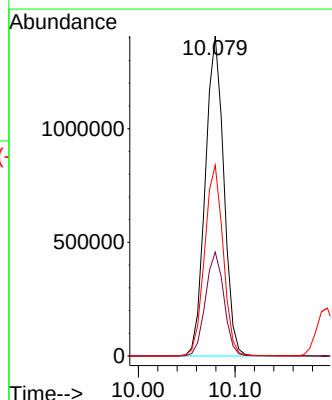
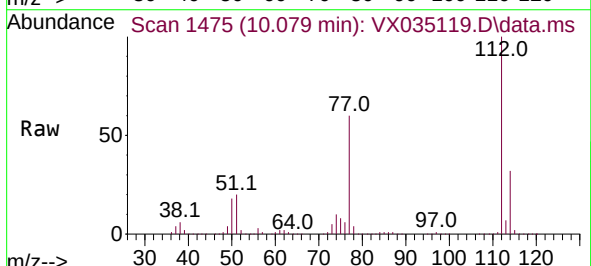
Tgt Ion:112 Resp: 1874639

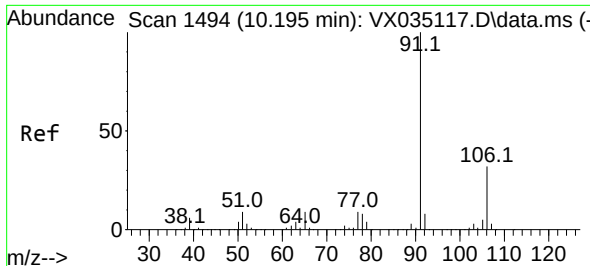
Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

77 59.6 47.0 70.6

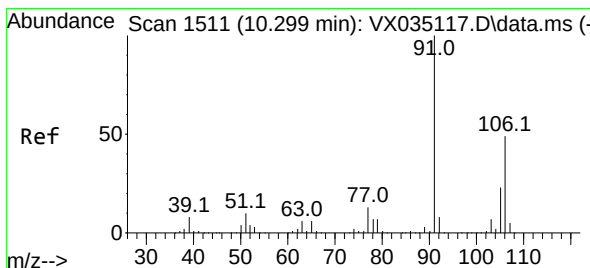
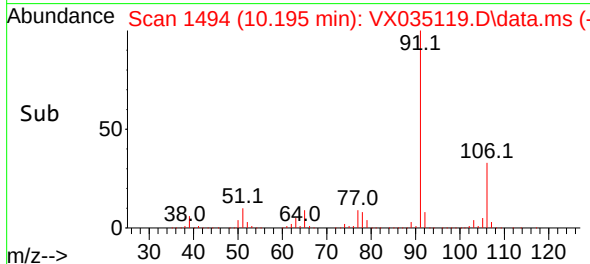
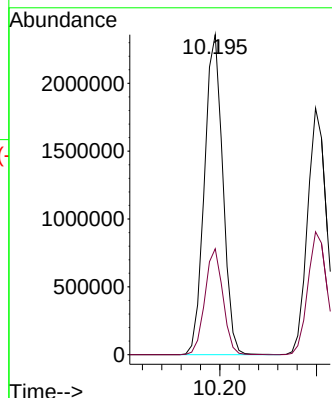
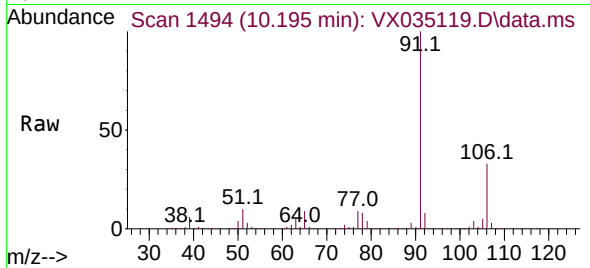




#52
Ethylbenzene
Concen: 202.624 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

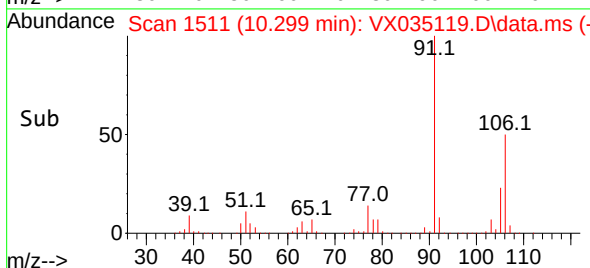
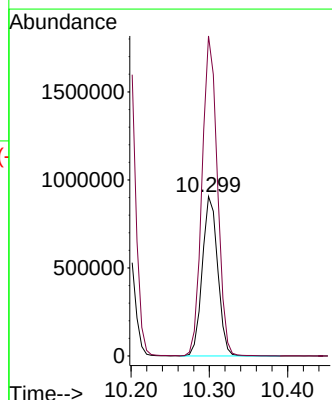
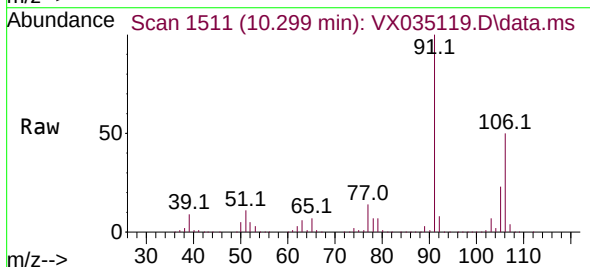
Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

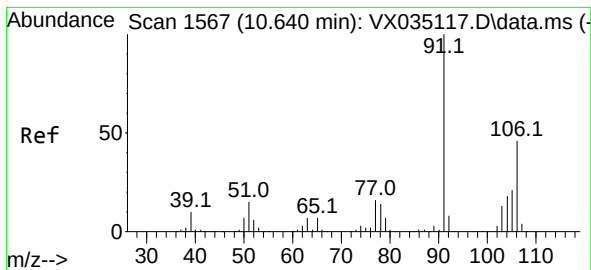
Tgt Ion: 91 Resp: 3119418
Ion Ratio Lower Upper
91 100
106 33.1 22.6 42.0



#53
m,p-Xylene
Concen: 209.818 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion: 106 Resp: 1236921
Ion Ratio Lower Upper
106 100
91 200.7 142.7 264.9





#54

o-Xylene

Concen: 208.544 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

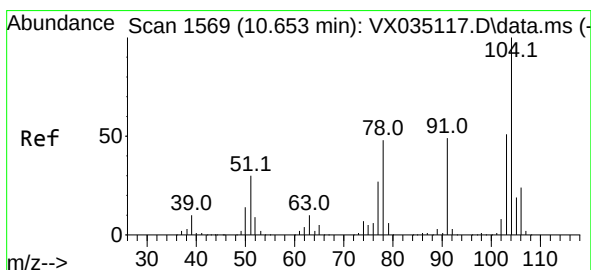
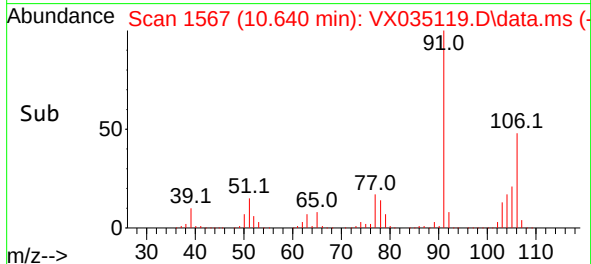
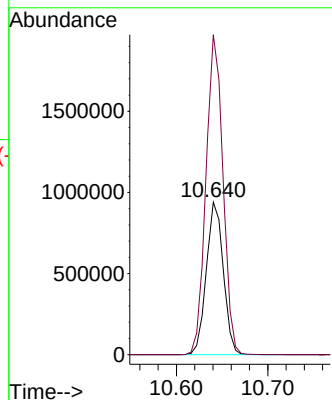
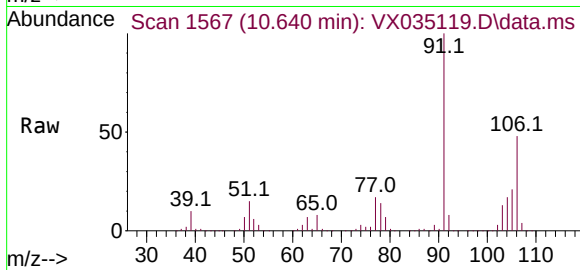
VSTD200636

Tgt Ion:106 Resp: 1208710

Ion Ratio Lower Upper

106 100

91 209.9 153.9 285.7



#55

Styrene

Concen: 210.349 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035119.D

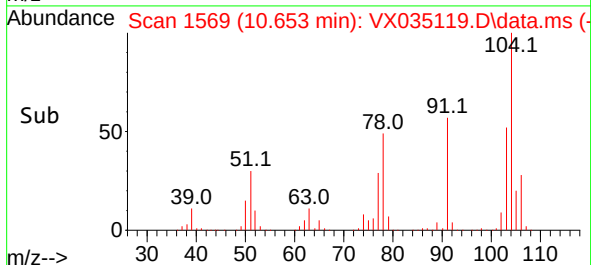
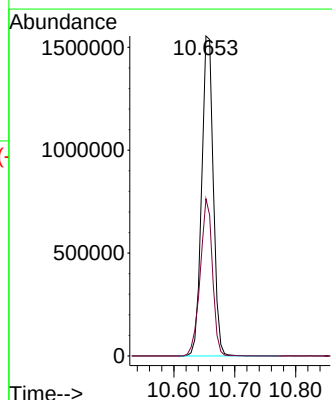
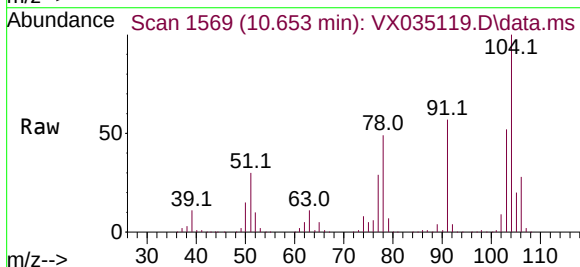
Acq: 18 Apr 2023 13:37

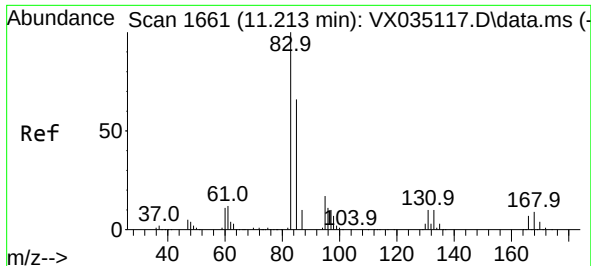
Tgt Ion:104 Resp: 2065625

Ion Ratio Lower Upper

104 100

78 49.1 33.5 62.3

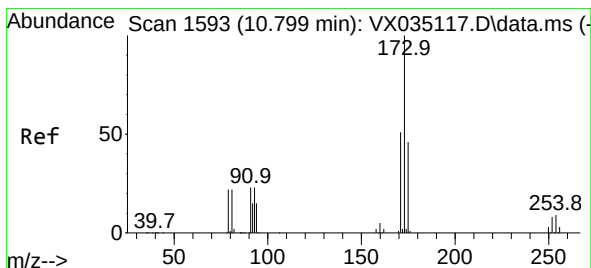
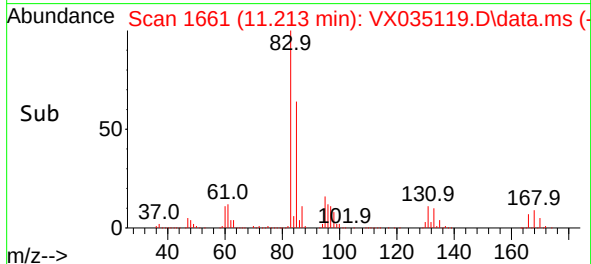
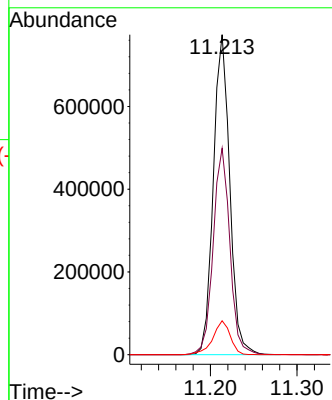
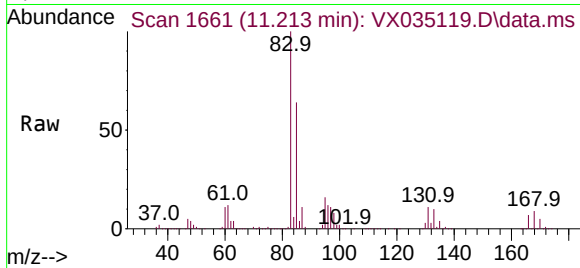




#57
1,1,2,2-Tetrachloroethane
Concen: 205.846 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

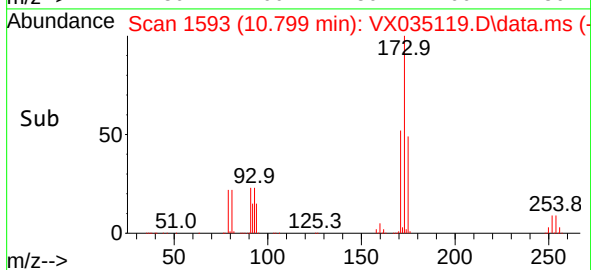
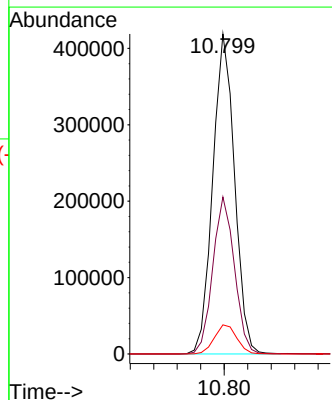
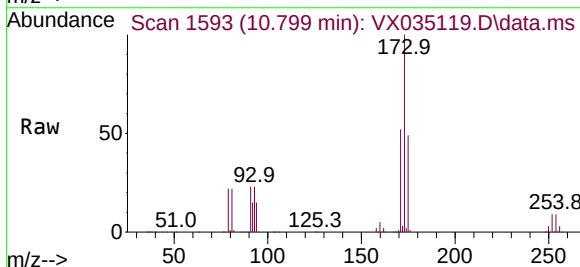
Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

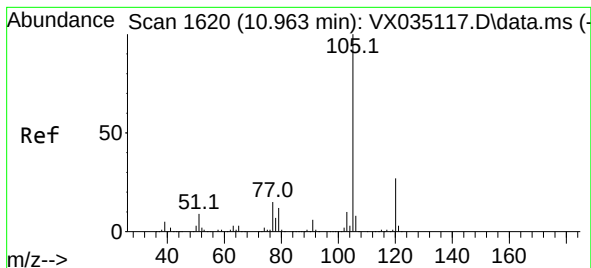
Tgt Ion: 83 Resp: 1017367
Ion Ratio Lower Upper
83 100
85 64.5 46.0 85.4
131 10.6 8.3 12.5



#59
Bromoform
Concen: 236.501 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion:173 Resp: 538879
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.4
254 9.4 7.4 11.0





#60

Isopropylbenzene

Concen: 196.422 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTD200636

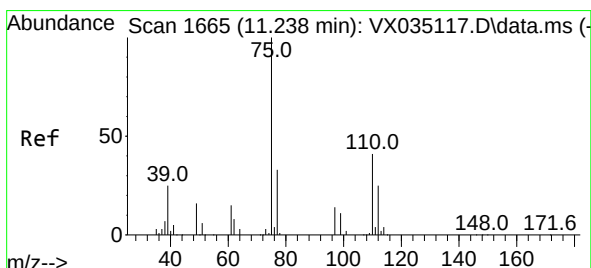
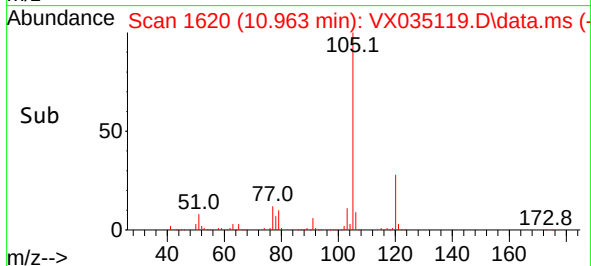
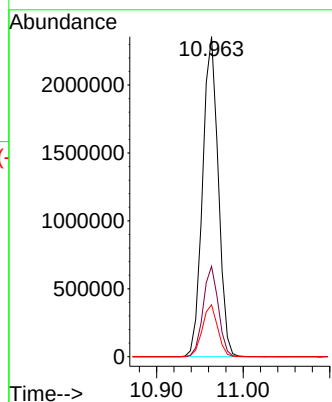
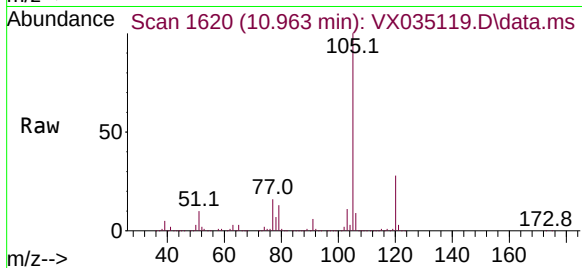
Tgt Ion:105 Resp: 2956321

Ion Ratio Lower Upper

105 100

120 27.5 21.5 32.3

77 15.9 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 193.783 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

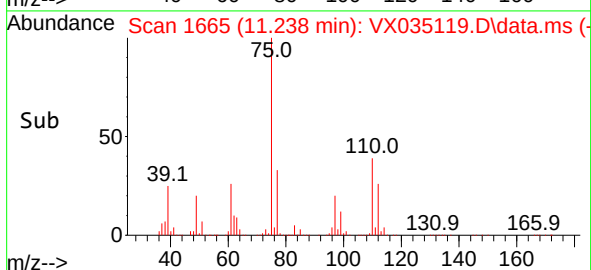
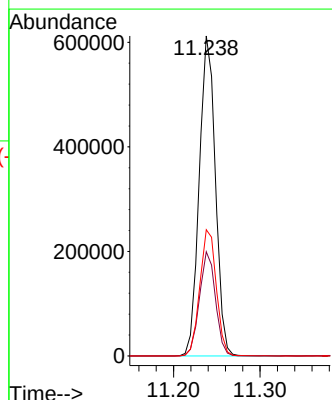
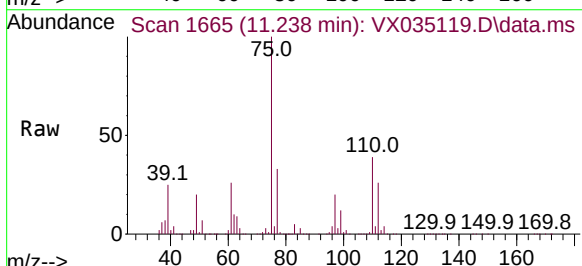
Tgt Ion: 75 Resp: 791923

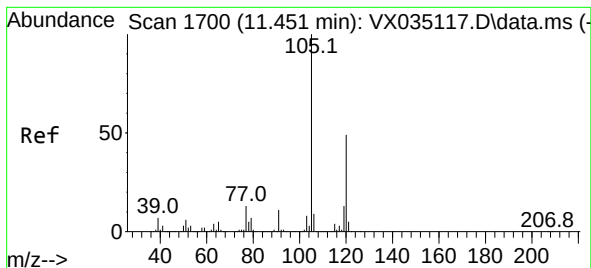
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

110 40.4 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 201.034 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

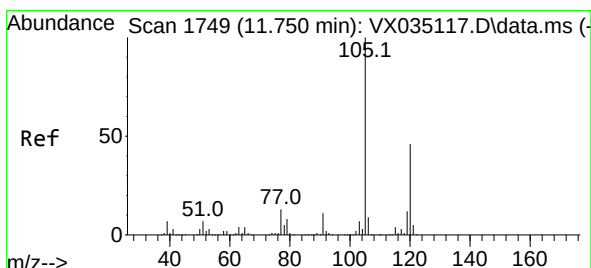
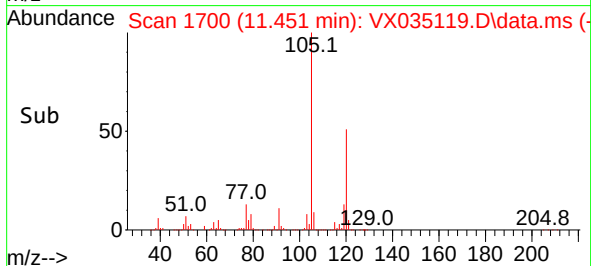
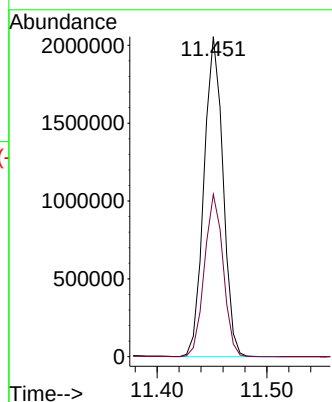
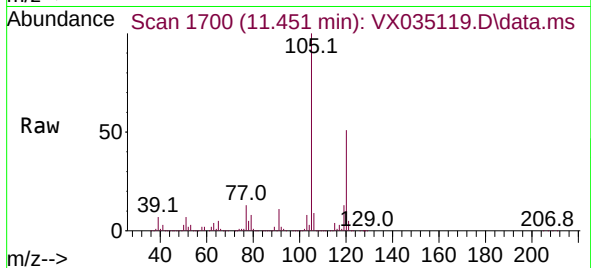
VSTD200636

Tgt Ion:105 Resp: 2474456

Ion Ratio Lower Upper

105 100

120 50.0 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 201.671 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035119.D

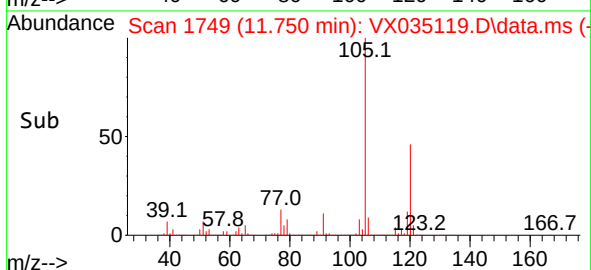
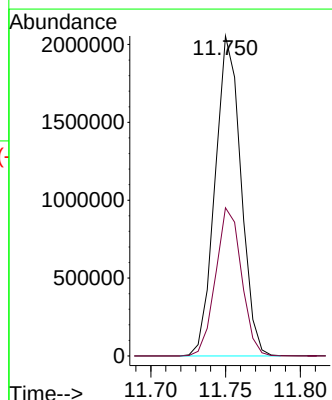
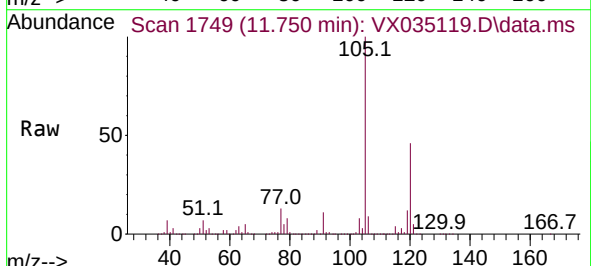
Acq: 18 Apr 2023 13:37

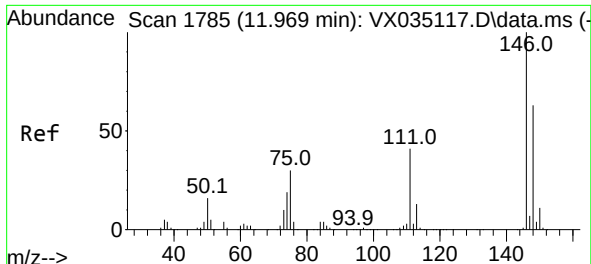
Tgt Ion:105 Resp: 2468255

Ion Ratio Lower Upper

105 100

120 46.4 36.6 55.0

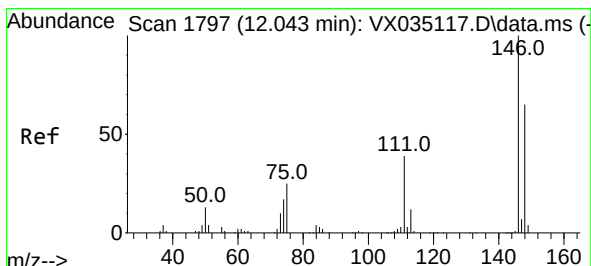
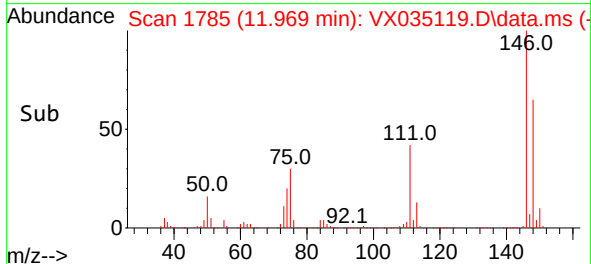
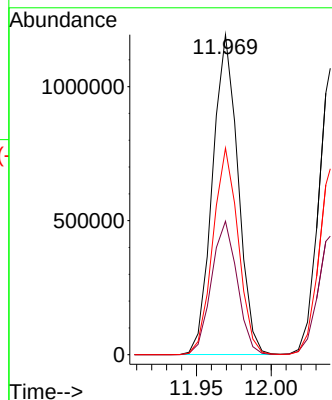
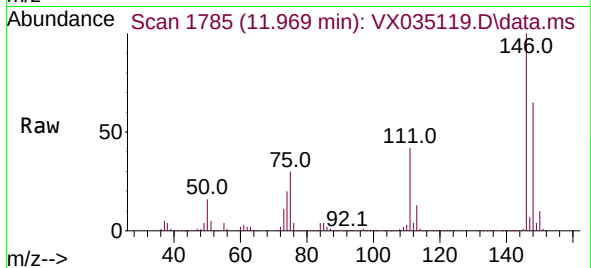




#64
1,3-Dichlorobenzene
Concen: 206.251 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

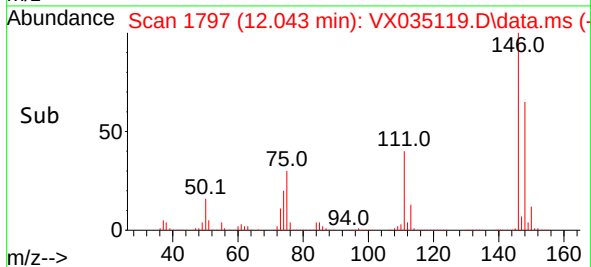
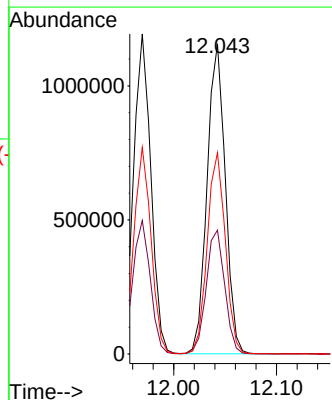
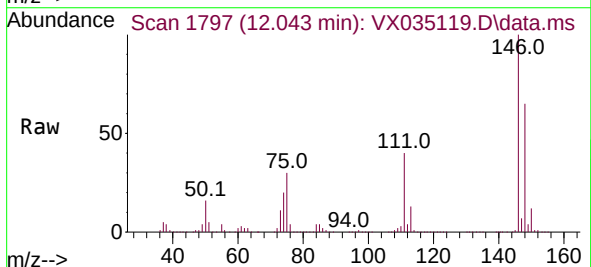
Instrument :
MSVOA_X
ClientSampleId :
VSTD200636

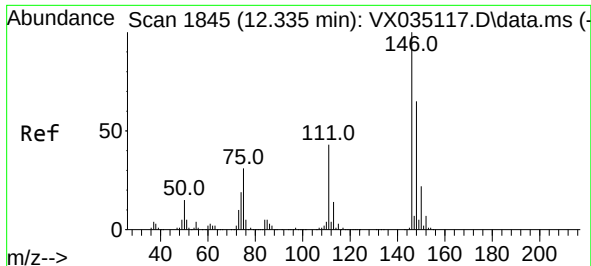
Tgt Ion:146 Resp: 1415788
Ion Ratio Lower Upper
146 100
111 41.7 28.9 53.7
148 64.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 202.797 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035119.D
Acq: 18 Apr 2023 13:37

Tgt Ion:146 Resp: 1424468
Ion Ratio Lower Upper
146 100
111 39.9 27.9 51.7
148 64.9 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 199.415 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTD200636

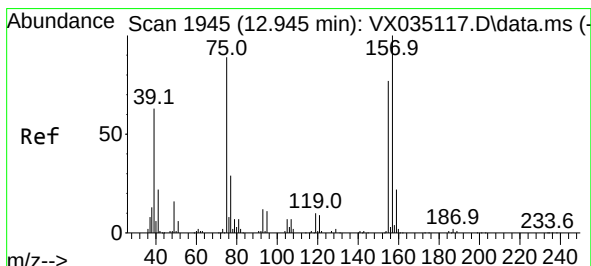
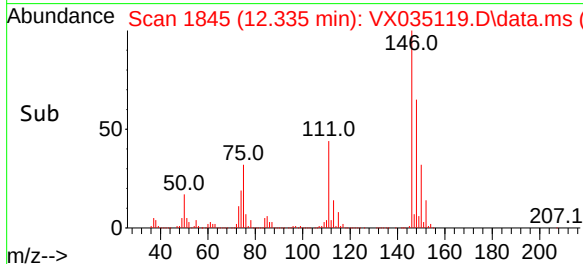
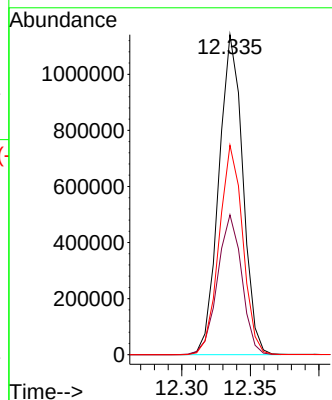
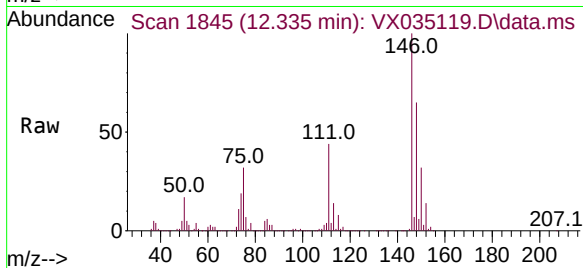
Tgt Ion:146 Resp: 1387968

Ion Ratio Lower Upper

146 100

111 43.7 34.7 52.1

148 65.5 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 222.581 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

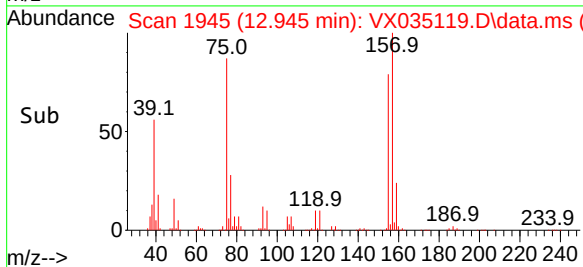
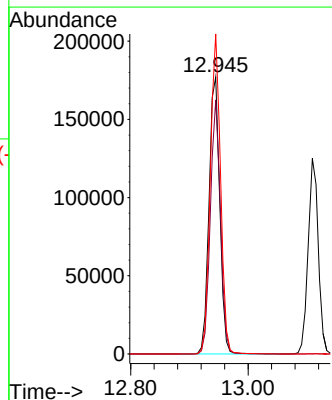
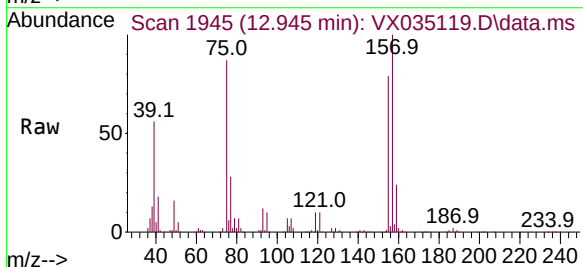
Tgt Ion: 75 Resp: 224449

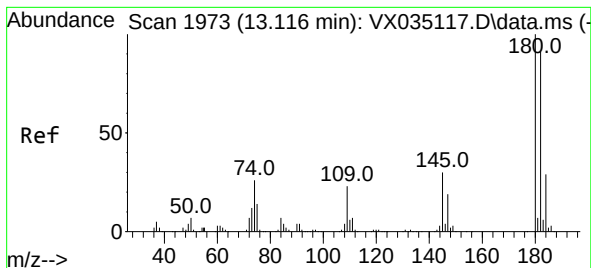
Ion Ratio Lower Upper

75 100

155 91.7 69.9 104.9

157 115.5 90.4 135.6





#69

1,3,5-Trichlorobenzene

Concen: 209.278 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTD200636

Tgt Ion:180 Resp: 888110

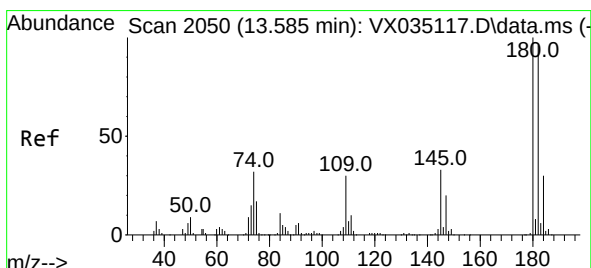
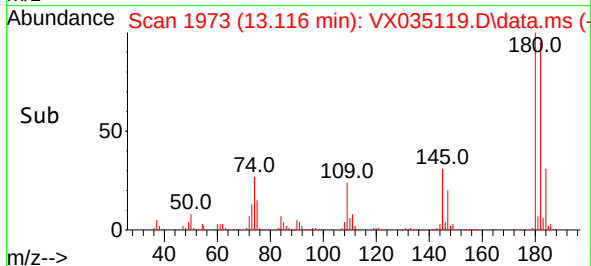
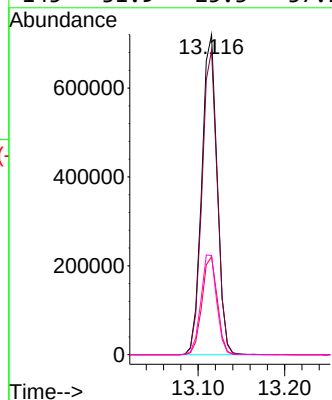
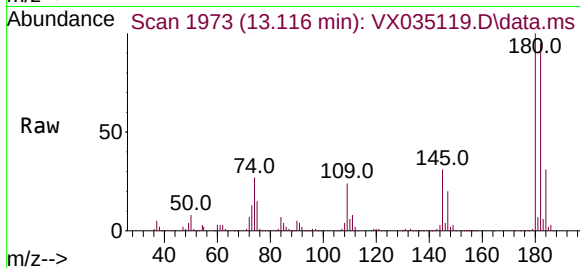
Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.0

184 30.5 23.8 35.8

145 31.9 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 210.735 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

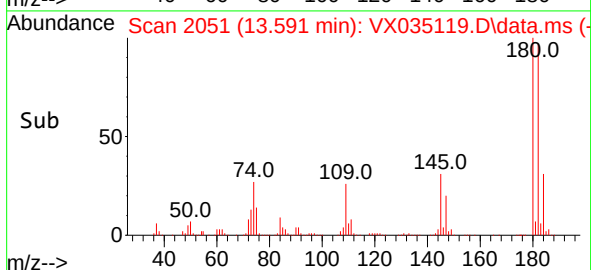
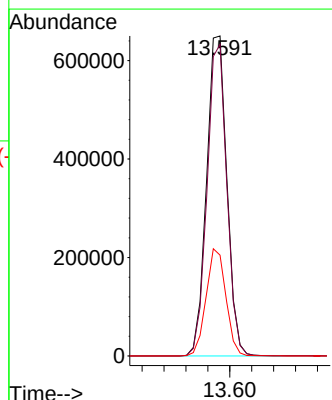
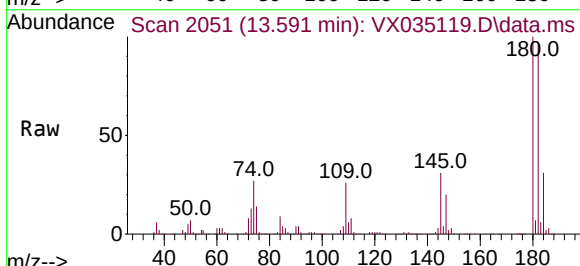
Tgt Ion:180 Resp: 837382

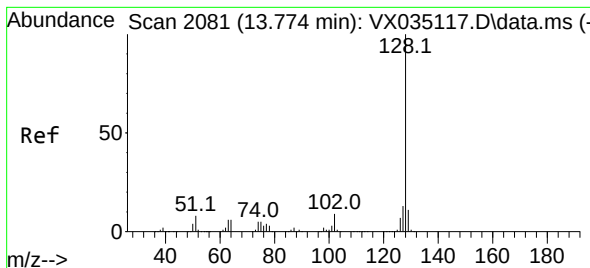
Ion Ratio Lower Upper

180 100

182 94.6 76.6 114.8

145 32.5 26.2 39.4





#71

Naphthalene

Concen: 204.822 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTD200636

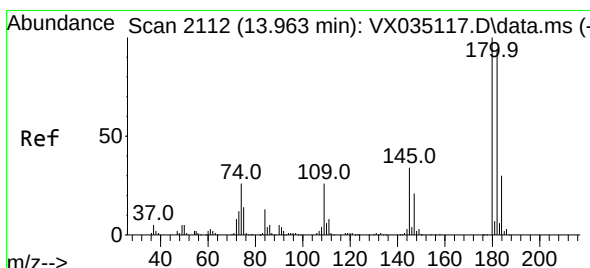
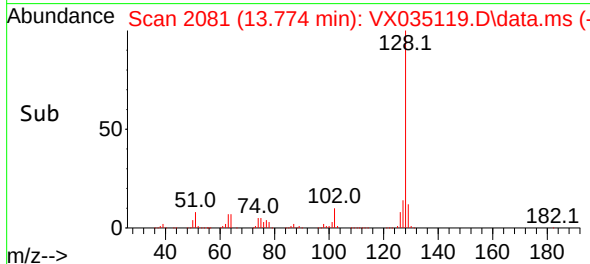
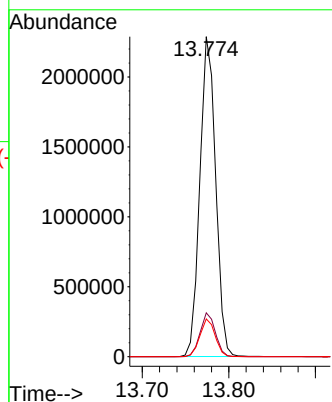
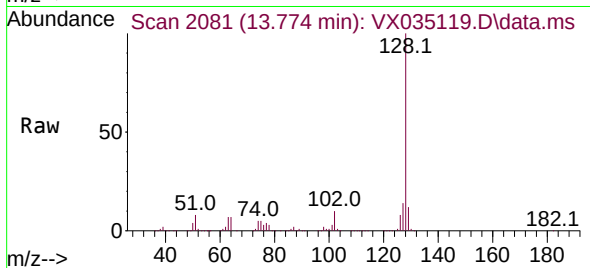
Tgt Ion:128 Resp: 2899100

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.4 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 208.469 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035119.D

Acq: 18 Apr 2023 13:37

Tgt Ion:180 Resp: 817782

Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.6

145 34.6 27.1 40.7

