

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034985.D
 Acq On : 10 Apr 2023 10:03
 Operator : JC/MD
 Sample : VSTD00526
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005626

Quant Time: Apr 11 05:15:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:14:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	532697	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	463934	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	218164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	17391	4.902	ug/L	0.00
7) Chloroethane-d5	1.672	69	13654	5.254	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	35108	4.881	ug/L	0.00
21) 2-Butanone-d5	4.465	46	21132	8.961	ug/L	0.00
24) Chloroform-d	5.062	84	32924	4.869	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	24270	5.229	ug/L	0.01
32) Benzene-d6	5.970	84	64060	4.946	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	19148	4.806	ug/L	0.00
41) Toluene-d8	8.647	98	58804	4.951	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	7694	4.205	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	13536	8.500	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	23629	4.772	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	19417	4.850	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23123	4.998	ug/L	99
3) Chloromethane	1.294	50	22065	5.074	ug/L	96
5) Vinyl chloride	1.374	62	22023	4.997	ug/L	100
6) Bromomethane	1.618	94	12933	5.193	ug/L	99
8) Chloroethane	1.691	64	12678	5.112	ug/L	98
9) Trichlorofluoromethane	1.892	101	30646	4.998	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	19381	5.093	ug/L	98
12) 1,1-Dichloroethene	2.325	96	16614	4.904	ug/L	85
13) Acetone	2.392	43	25994	11.149	ug/L	100
14) Carbon disulfide	2.514	76	44682	4.908	ug/L	100
15) Methyl Acetate	2.703	43	19881	4.968	ug/L	100
16) Methylene chloride	2.794	84	18395	4.951	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	17106	4.912	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	59161	4.860	ug/L	100
19) 1,1-Dichloroethane	3.611	63	34068	4.912	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	19619	4.924	ug/L	97
22) 2-Butanone	4.568	43	29979	10.065	ug/L	92
23) Bromochloromethane	4.910	128	9618	4.880	ug/L	83
25) Chloroform	5.093	83	35005	4.922	ug/L	97
27) 1,2-Dichloroethane	6.092	62	29760	4.941	ug/L	96
29) Cyclohexane	5.477	56	30870	4.839	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	29716	4.844	ug/L	98
31) Carbon tetrachloride	5.672	117	24840	4.697	ug/L	99
33) Benzene	6.037	78	74261	5.019	ug/L	100
34) Trichloroethene	7.129	95	20135	5.048	ug/L	96
35) Methylcyclohexane	7.379	83	27762	4.828	ug/L	98
37) 1,2-Dichloropropane	7.434	63	19368	4.940	ug/L	# 96
38) Bromodichloromethane	7.824	83	23485	4.735	ug/L	92
39) cis-1,3-Dichloropropene	8.366	75	25892	4.321	ug/L	91
40) 4-Methyl-2-pentanone	8.574	43	48047	9.223	ug/L	99
42) Toluene	8.720	91	73339	4.786	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	22806	4.134	ug/L	95

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 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:14:58 2023
 Response via : Initial Calibration

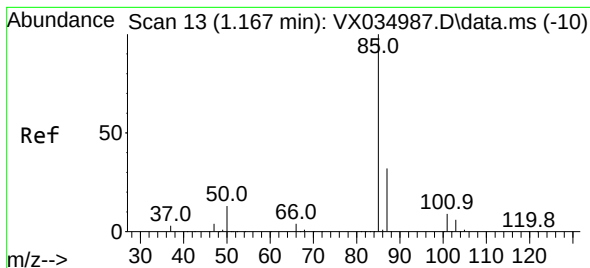
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	9.153	97	17632	4.823	ug/L	98
46) Tetrachloroethene	9.275	164	14841	4.994	ug/L	90
48) 2-Hexanone	9.433	43	38420	9.409	ug/L	99
49) Dibromochloromethane	9.519	129	15705	4.367	ug/L	94
50) 1,2-Dibromoethane	9.610	107	18195	4.743	ug/L	92
51) Chlorobenzene	10.079	112	48346	4.895	ug/L	93
52) Ethylbenzene	10.195	91	83612	4.808	ug/L	100
53) m,p-Xylene	10.299	106	30388	4.638	ug/L	100
54) o-Xylene	10.640	106	30674	4.751	ug/L	97
55) Styrene	10.659	104	49358	4.560	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	25815	4.756	ug/L	98
59) Bromoform	10.799	173	10521	4.523	ug/L	97
60) Isopropylbenzene	10.963	105	77838	4.886	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	21481	5.135	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	63467	4.805	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	61419	4.709	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	35761	5.039	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	36025	5.020	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	35297	5.048	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	4708	4.397	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	22455	5.058	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	20546	4.975	ug/L	100
71) Naphthalene	13.774	128	67424	4.778	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	21409	5.163	ug/L	98

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

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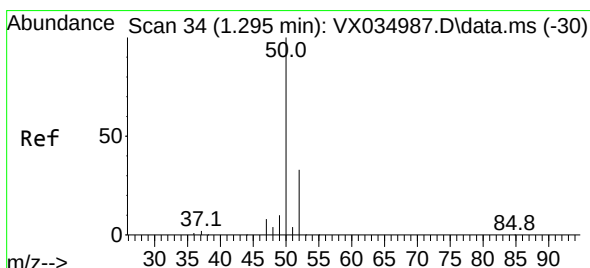
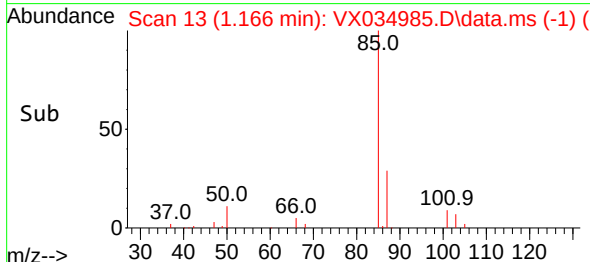
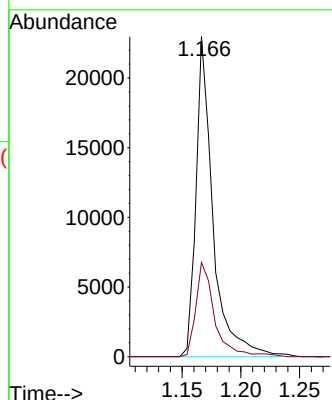
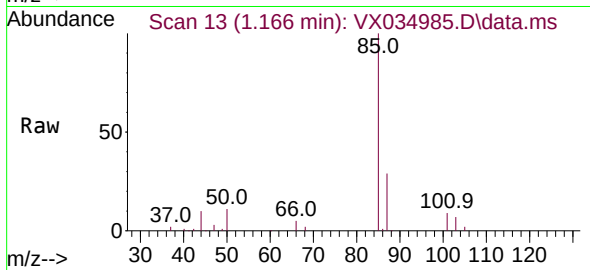




#2
Dichlorodifluoromethane
Concen: 4.998 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

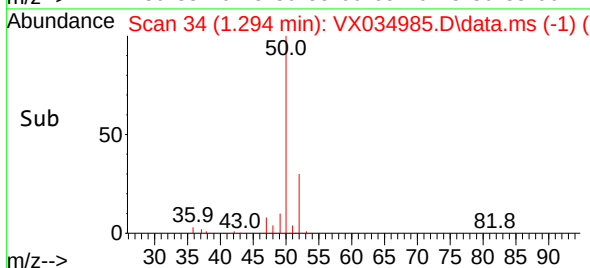
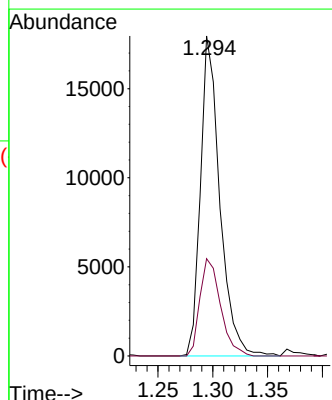
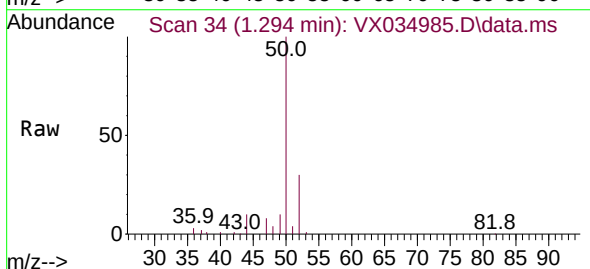
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

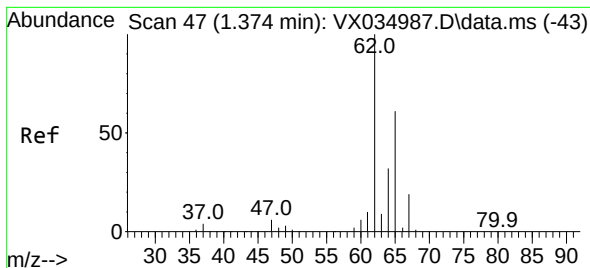
Tgt Ion: 85 Resp: 23123
Ion Ratio Lower Upper
85 100
87 31.6 25.7 38.5



#3
Chloromethane
Concen: 5.074 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion: 50 Resp: 22065
Ion Ratio Lower Upper
50 100
52 30.4 22.9 42.5

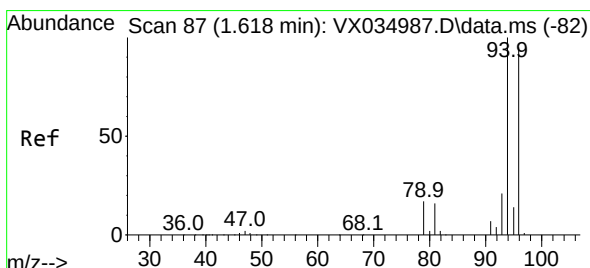
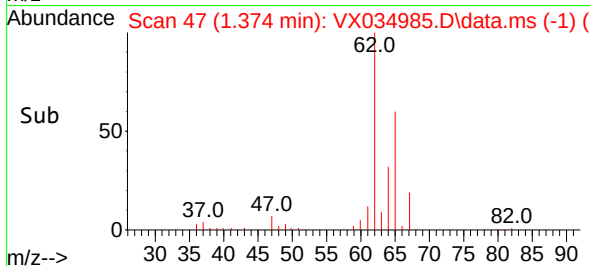
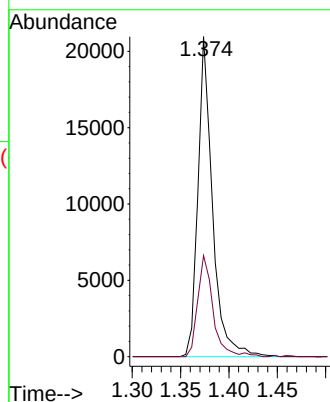
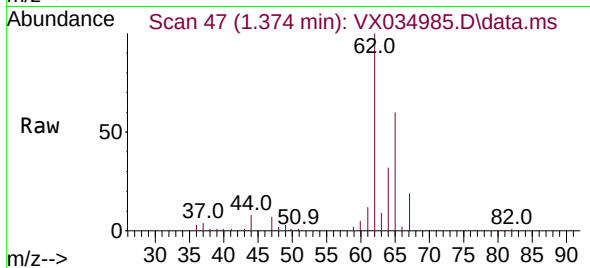




#5
 Vinyl chloride
 Concen: 4.997 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX034985.D
 Acq: 10 Apr 2023 10:03

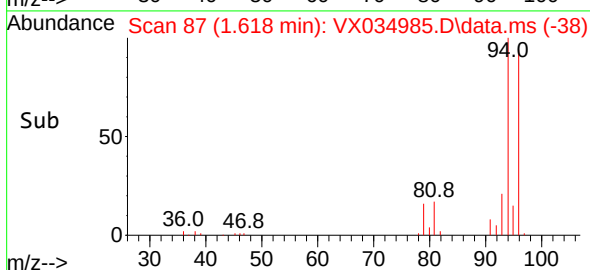
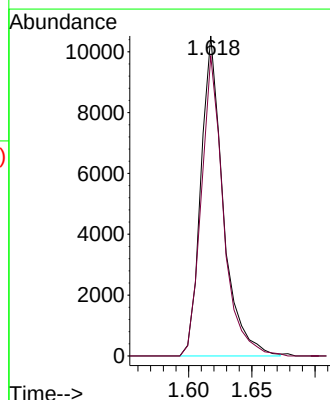
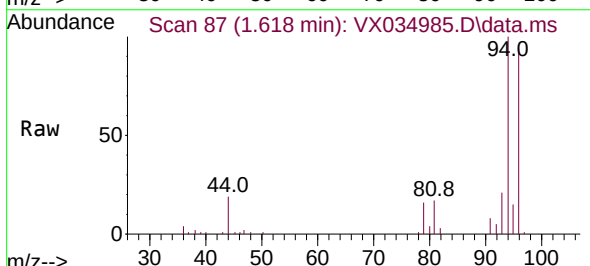
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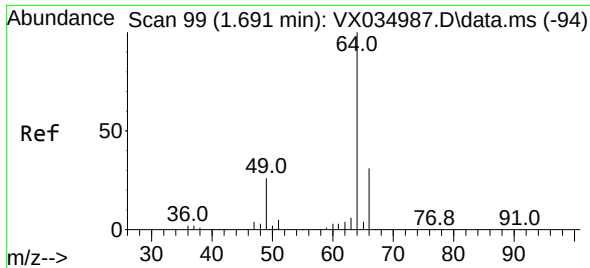
Tgt Ion: 62 Resp: 22023
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.3 41.3



#6
 Bromomethane
 Concen: 5.193 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX034985.D
 Acq: 10 Apr 2023 10:03

Tgt Ion: 94 Resp: 12933
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.6 123.6

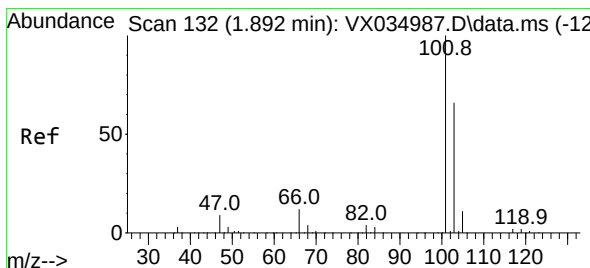
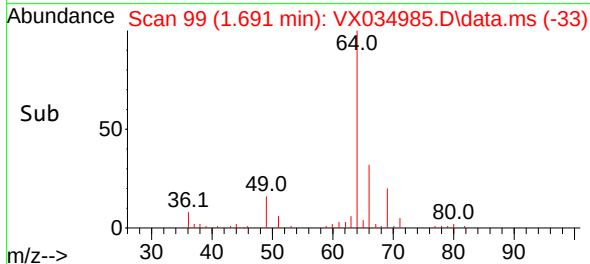
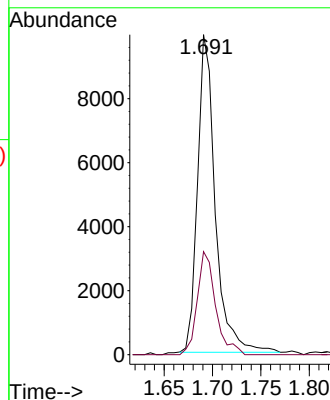
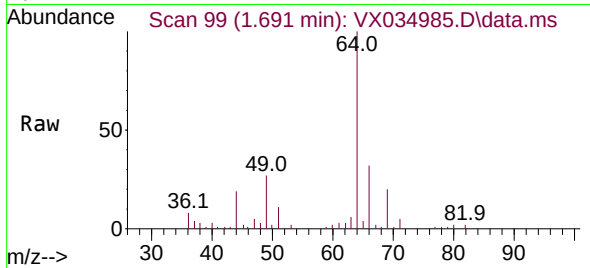




#8
 Chloroethane
 Concen: 5.112 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX034985.D
 Acq: 10 Apr 2023 10:03

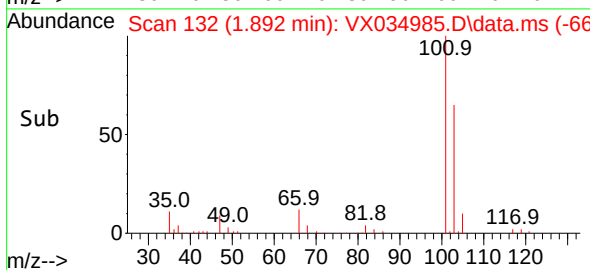
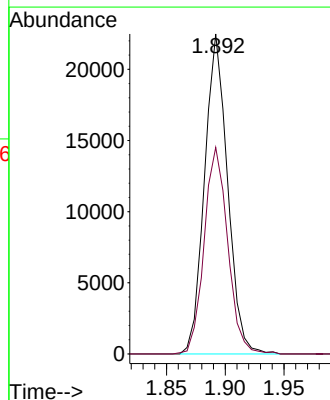
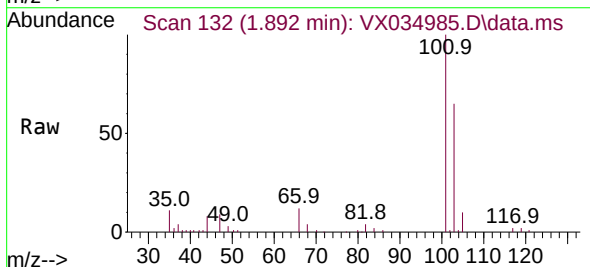
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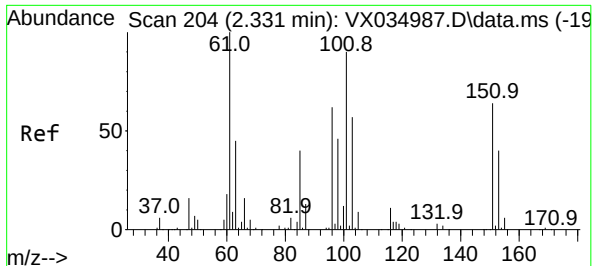
Tgt Ion: 64 Resp: 12678
 Ion Ratio Lower Upper
 64 100
 66 32.2 21.8 40.4



#9
 Trichlorofluoromethane
 Concen: 4.998 ug/L
 RT: 1.892 min Scan# 132
 Delta R.T. -0.000 min
 Lab File: VX034985.D
 Acq: 10 Apr 2023 10:03

Tgt Ion: 101 Resp: 30646
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.9 77.9

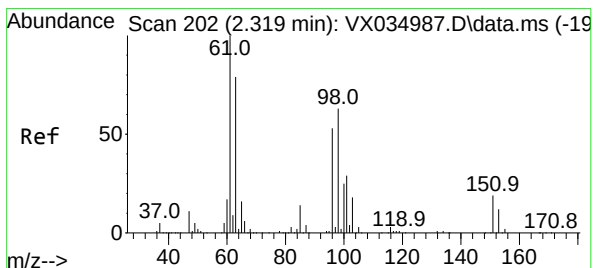
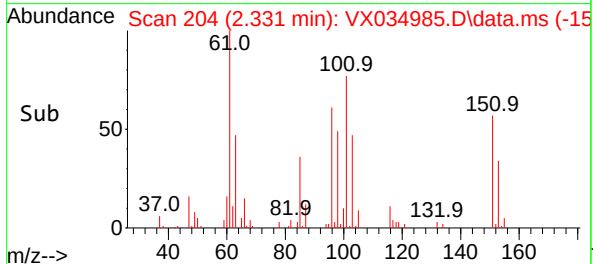
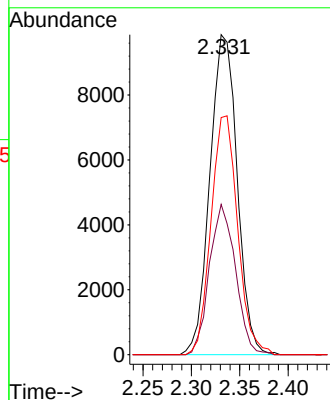
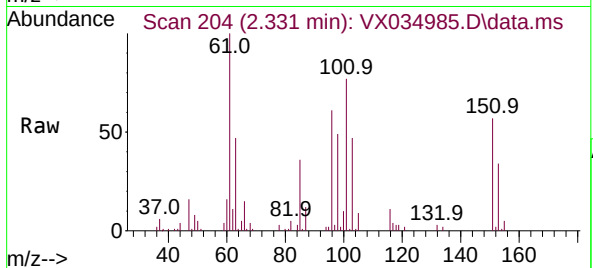




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.093 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX034985.D
 Acq: 10 Apr 2023 10:03

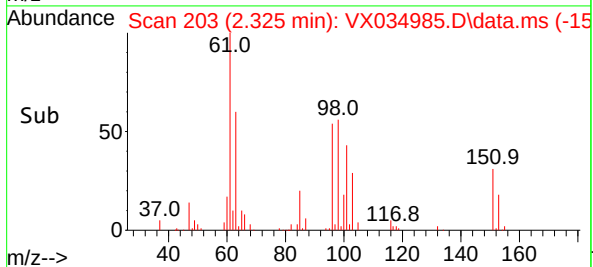
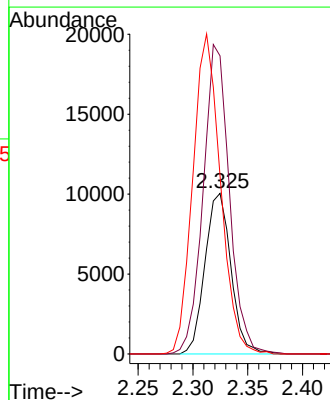
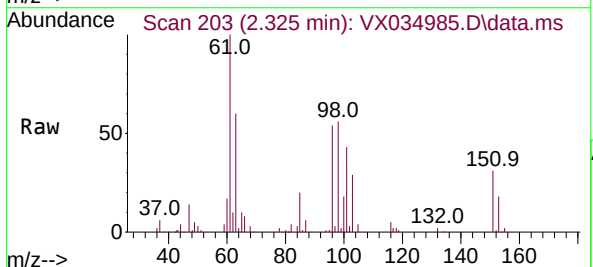
Instrument :
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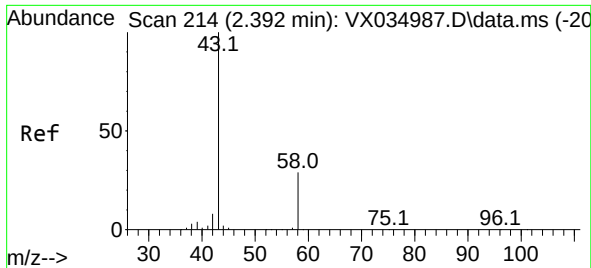
Tgt Ion:101 Resp: 19381
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.4 54.6
 151 72.8 59.7 89.5



#12
 1,1-Dichloroethene
 Concen: 4.904 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX034985.D
 Acq: 10 Apr 2023 10:03

Tgt Ion: 96 Resp: 16614
 Ion Ratio Lower Upper
 96 100
 61 185.5 132.4 245.8
 63 110.8 105.5 195.9





#13

Acetone

Concen: 11.149 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

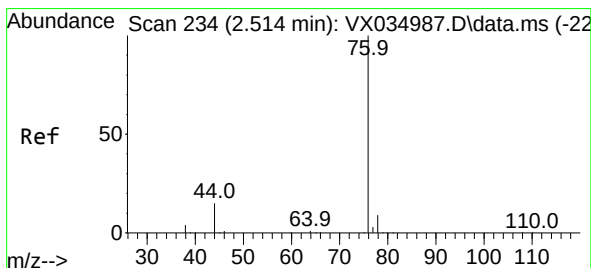
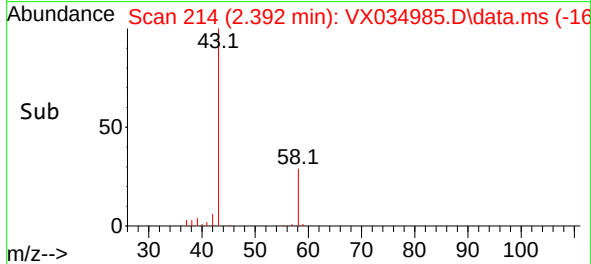
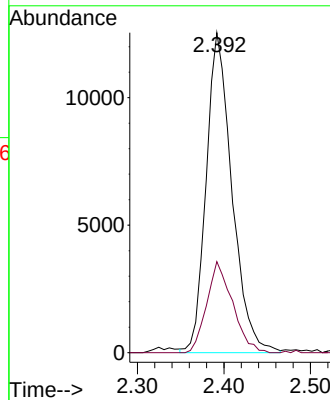
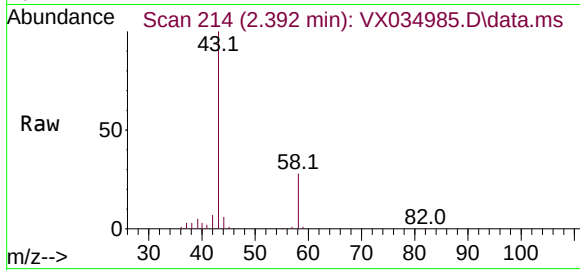
VSTD005626

Tgt Ion: 43 Resp: 25994

Ion Ratio Lower Upper

43 100

58 28.4 0.0 57.4



#14

Carbon disulfide

Concen: 4.908 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034985.D

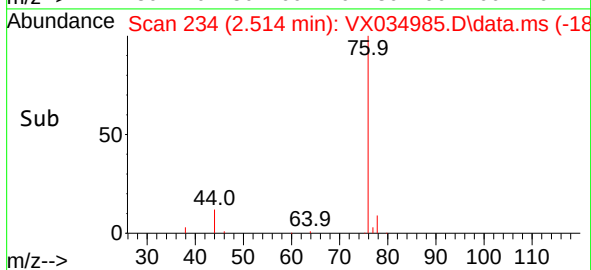
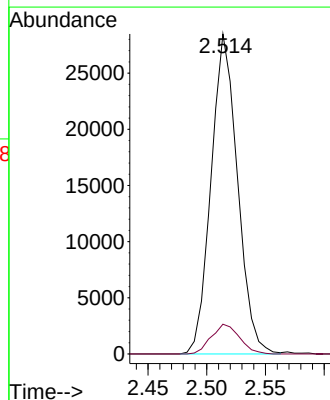
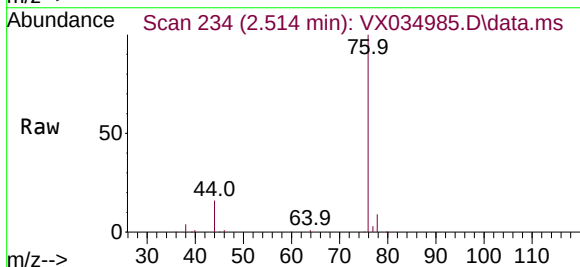
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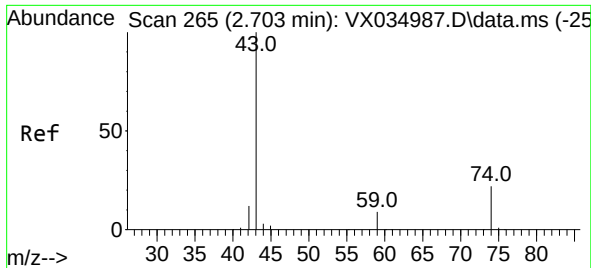
Tgt Ion: 76 Resp: 44682

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

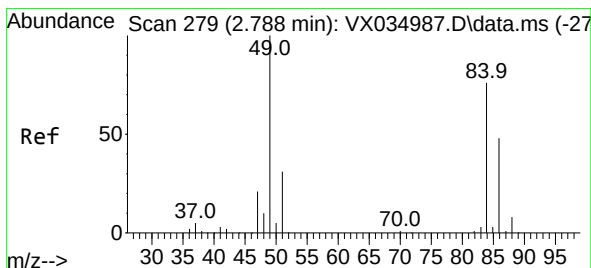
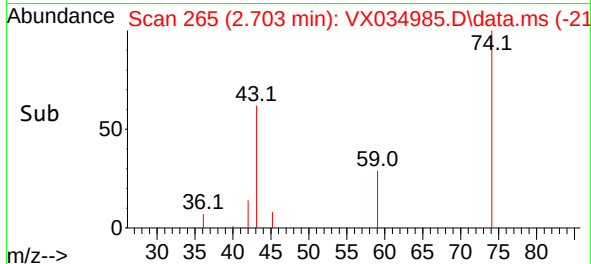
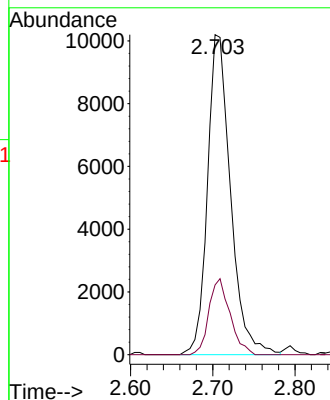
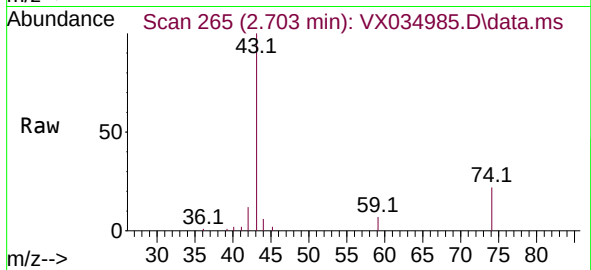




#15
Methyl Acetate
Concen: 4.968 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

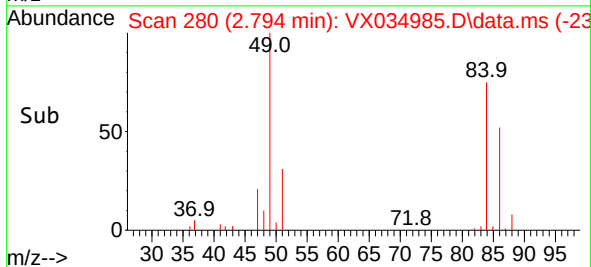
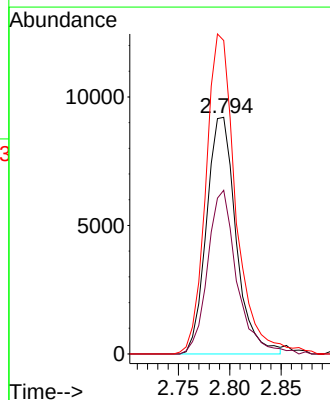
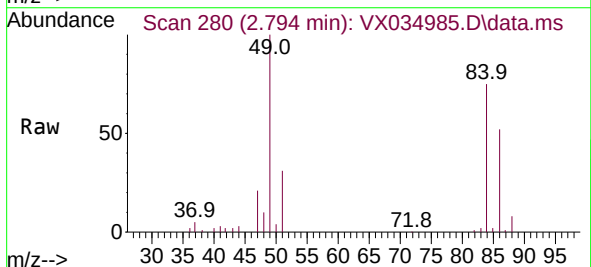
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ClientSampleId :
VSTD005626

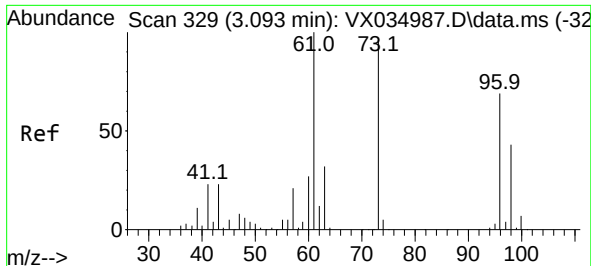
Tgt Ion: 43 Resp: 19881
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3



#16
Methylene chloride
Concen: 4.951 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion: 84 Resp: 18395
Ion Ratio Lower Upper
84 100
86 69.2 44.7 82.9
49 132.5 92.3 171.5

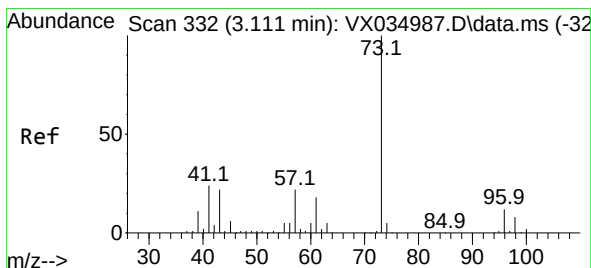
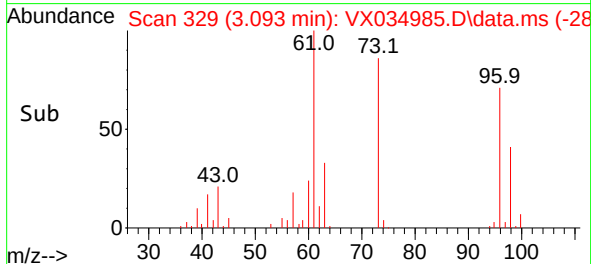
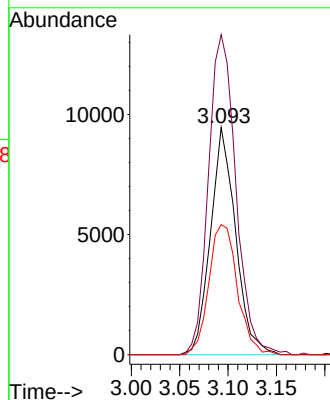
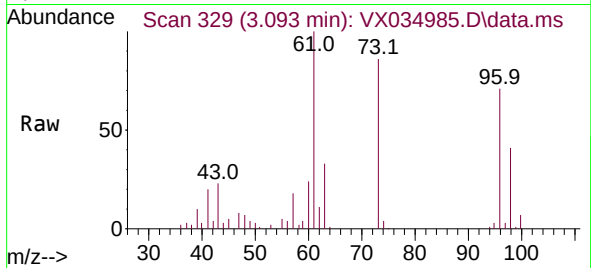




#17
trans-1,2-Dichloroethene
Concen: 4.912 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

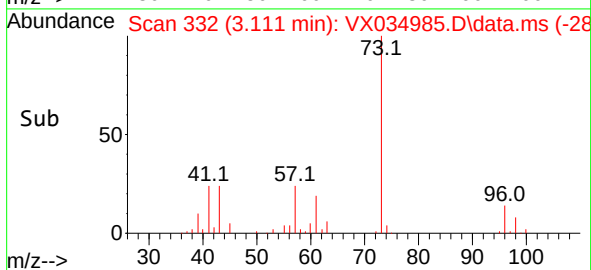
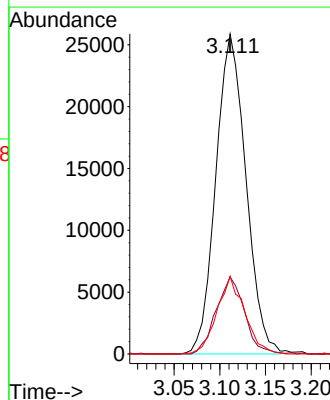
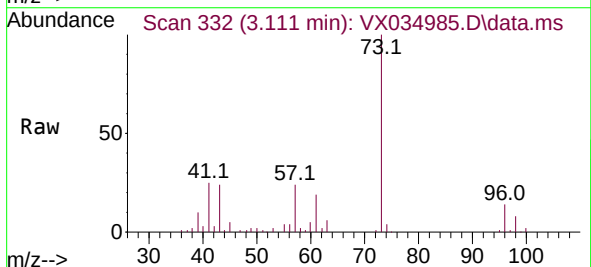
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

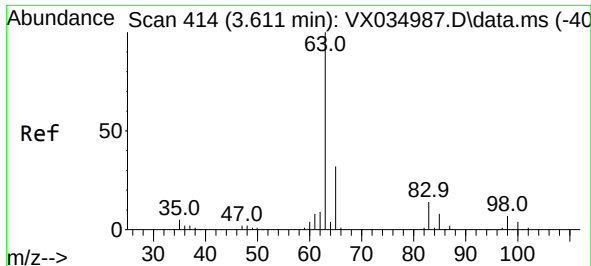
Tgt Ion: 96 Resp: 17106
Ion Ratio Lower Upper
96 100
61 140.8 102.0 189.4
98 57.2 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 4.860 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion: 73 Resp: 59161
Ion Ratio Lower Upper
73 100
43 22.6 18.2 27.2
57 22.4 17.7 26.5





#19

1,1-Dichloroethane

Concen: 4.912 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

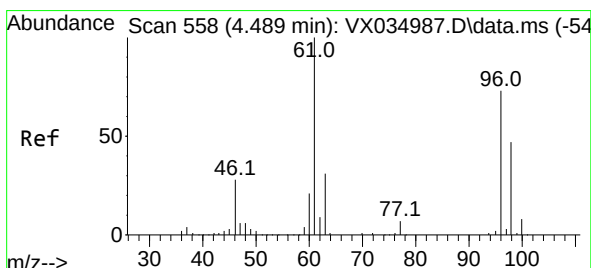
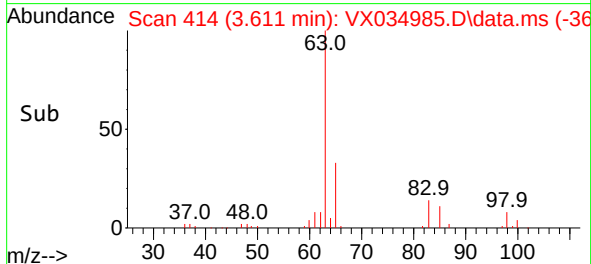
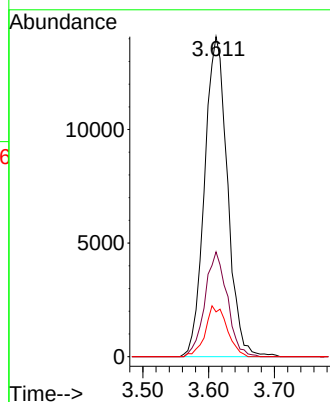
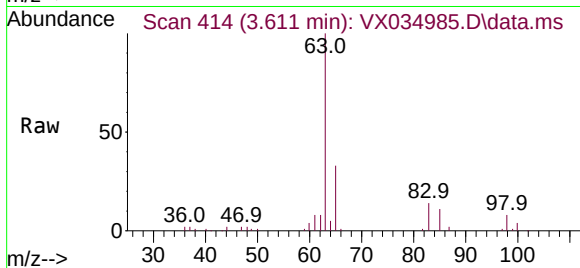
Tgt Ion: 63 Resp: 34068

Ion Ratio Lower Upper

63 100

65 32.8 22.1 41.1

83 14.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 4.924 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

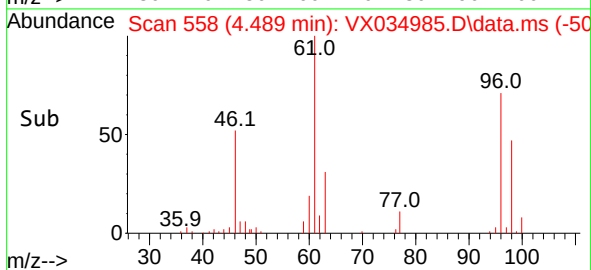
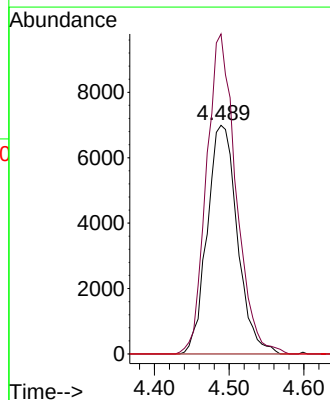
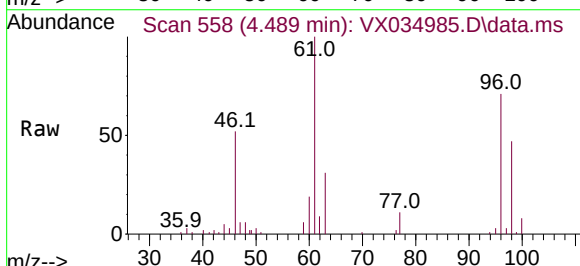
Tgt Ion: 96 Resp: 19619

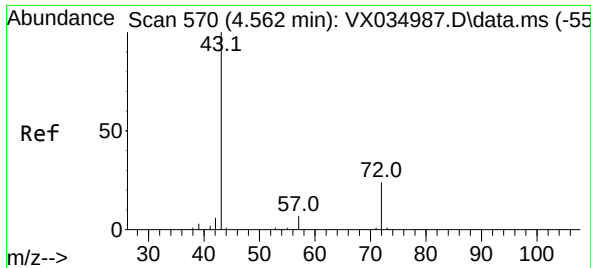
Ion Ratio Lower Upper

96 100

61 139.9 95.7 177.7

68 0.0 0.0 0.0

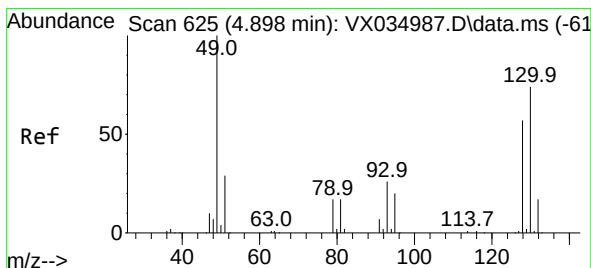
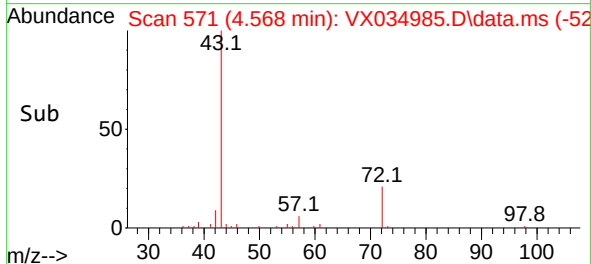
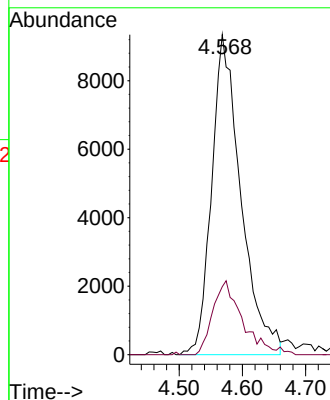
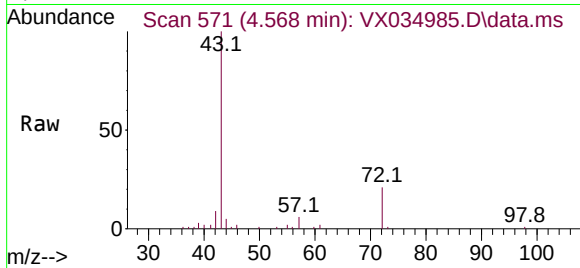




#22
2-Butanone
Concen: 10.065 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

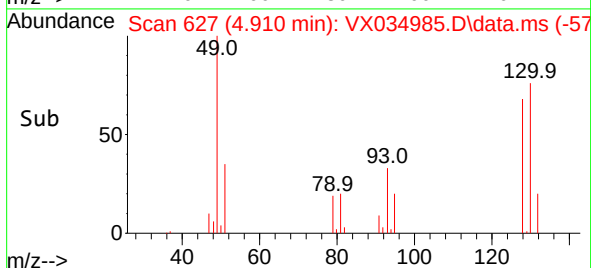
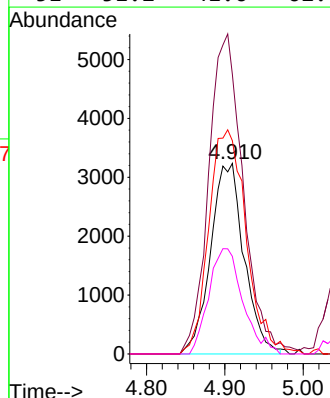
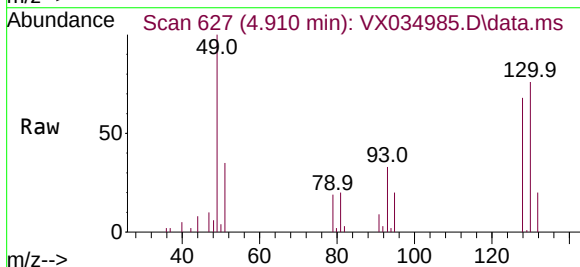
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

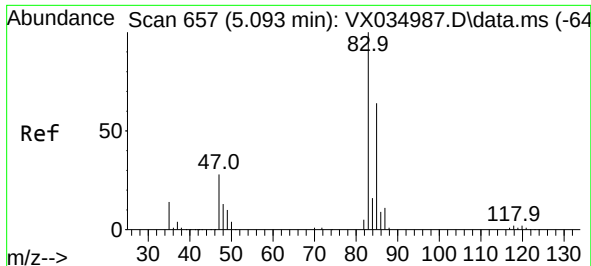
Tgt Ion: 43 Resp: 29979
Ion Ratio Lower Upper
43 100
72 19.3 11.5 34.5



#23
Bromochloromethane
Concen: 4.880 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion: 128 Resp: 9618
Ion Ratio Lower Upper
128 100
49 146.8 123.9 230.1
130 112.0 92.1 171.1
51 51.2 41.6 62.4

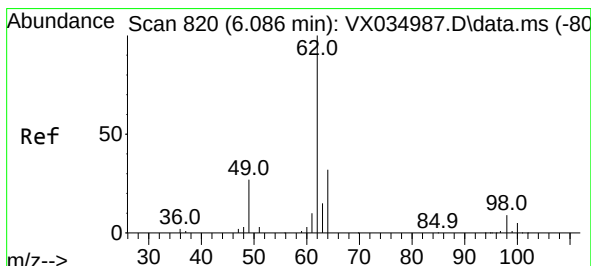
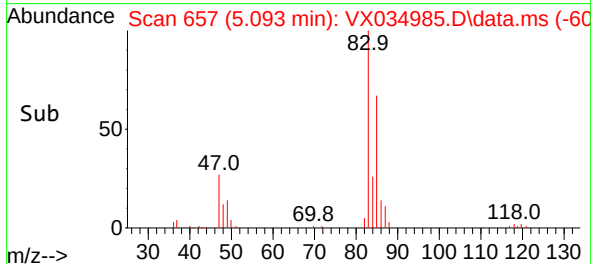
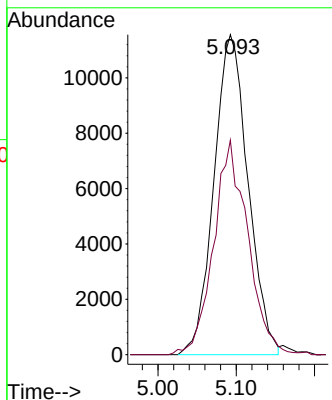
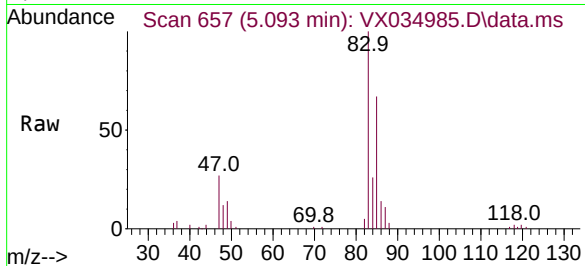




#25
Chloroform
Concen: 4.922 ug/L
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

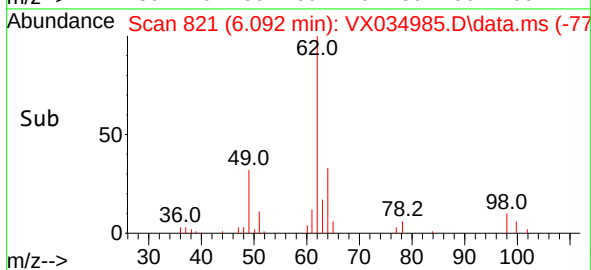
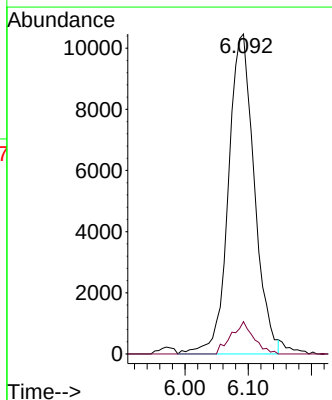
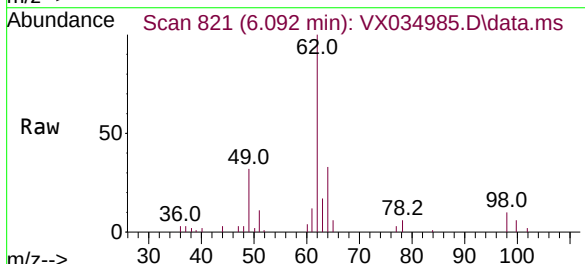
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

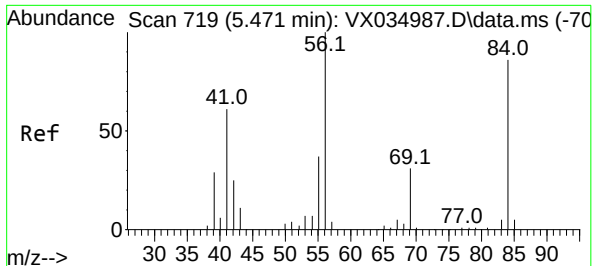
Tgt Ion: 83 Resp: 35005
Ion Ratio Lower Upper
83 100
85 67.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 4.941 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion: 62 Resp: 29760
Ion Ratio Lower Upper
62 100
98 10.1 7.0 10.6





#29

Cyclohexane

Concen: 4.839 ug/L

RT: 5.477 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

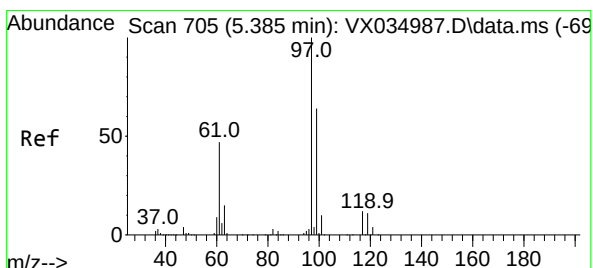
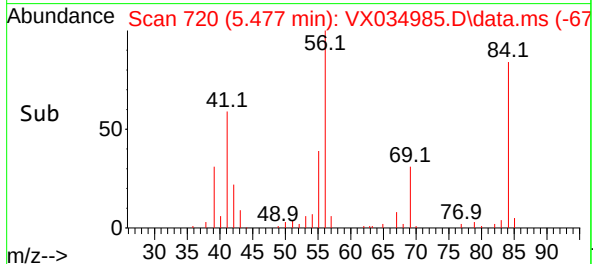
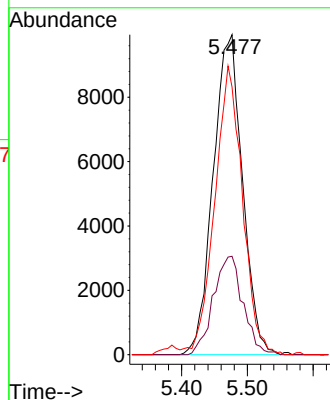
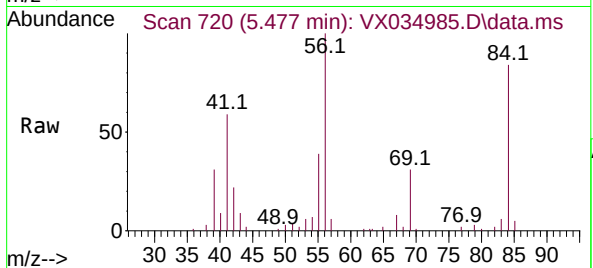
Tgt Ion: 56 Resp: 30870

Ion Ratio Lower Upper

56 100

69 31.0 24.5 36.7

84 84.7 69.4 104.2



#30

1,1,1-Trichloroethane

Concen: 4.844 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

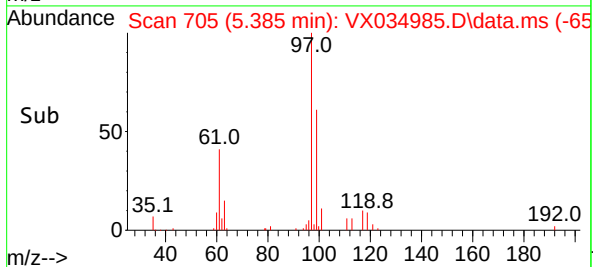
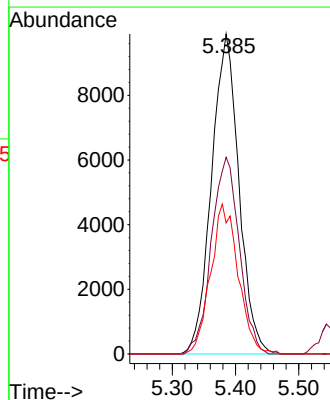
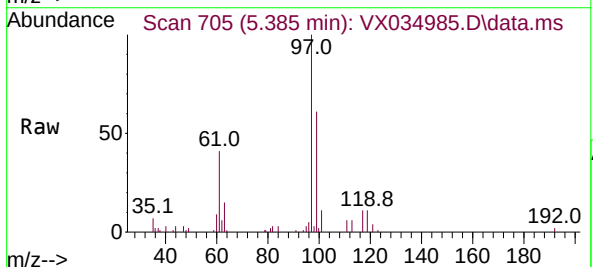
Tgt Ion: 97 Resp: 29716

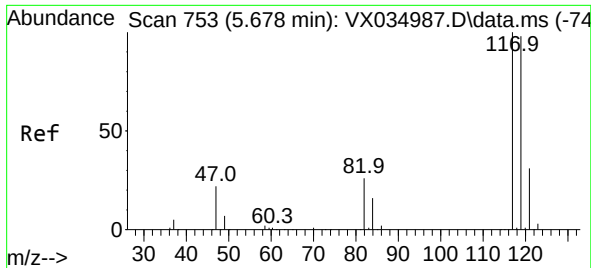
Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.4

61 47.3 36.8 55.2

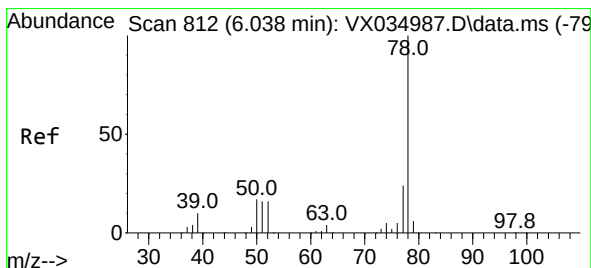
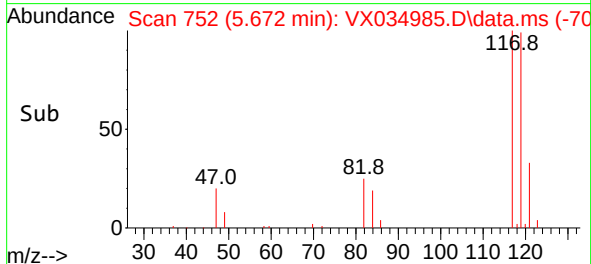
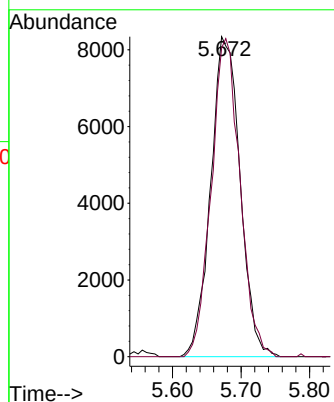
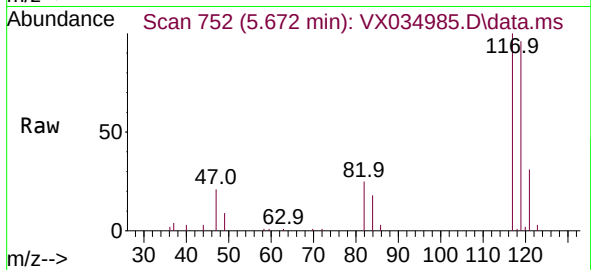




#31
Carbon tetrachloride
Concen: 4.697 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

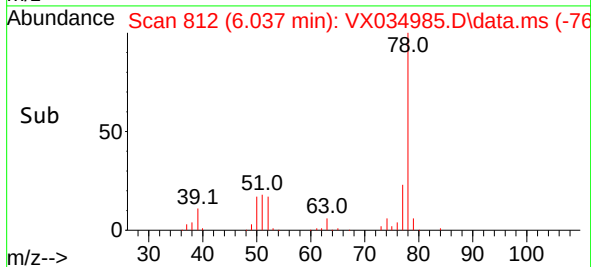
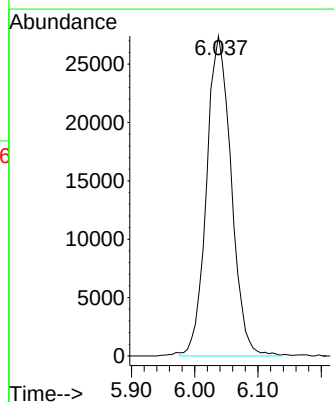
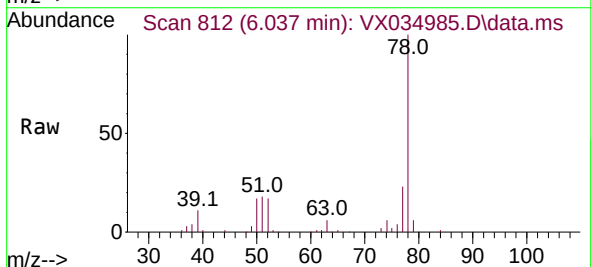
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

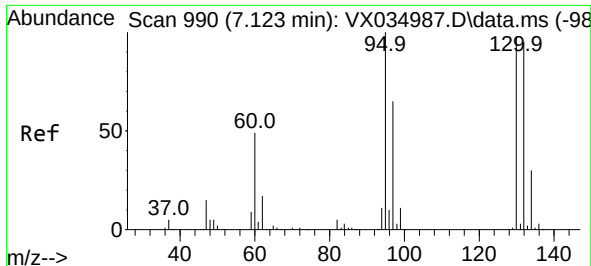
Tgt Ion:117 Resp: 24840
Ion Ratio Lower Upper
117 100
119 97.0 76.7 115.1



#33
Benzene
Concen: 5.019 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion: 78 Resp: 74261



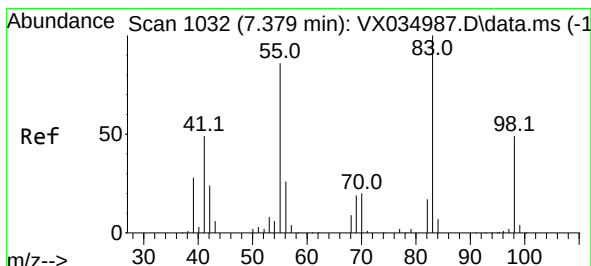
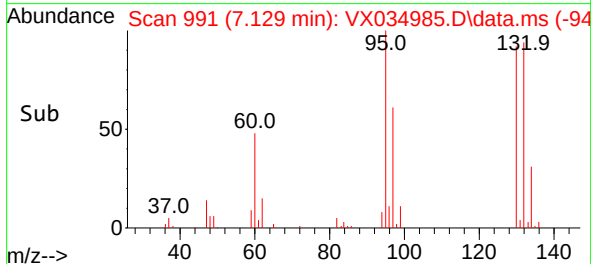
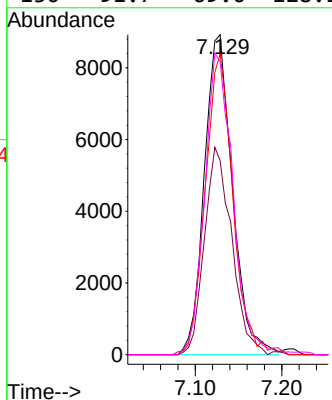
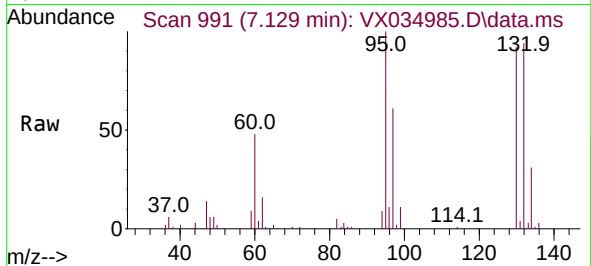


#34
Trichloroethene
Concen: 5.048 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

Tgt Ion: 95 Resp: 20135

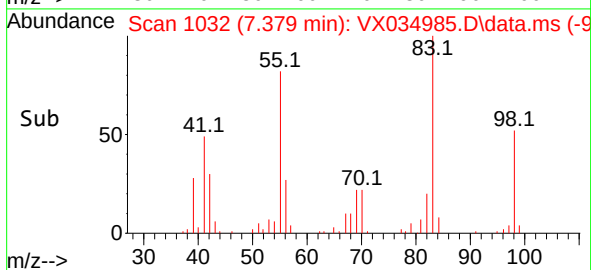
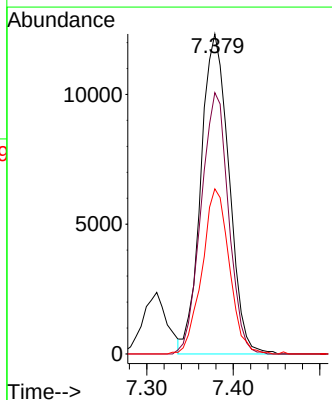
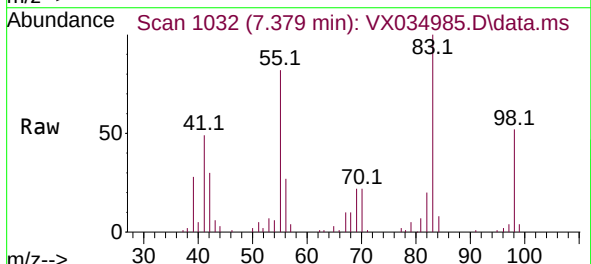
Ion	Ratio	Lower	Upper
95	100		
97	60.6	45.4	84.2
132	93.9	66.8	124.0
130	91.7	69.0	128.1

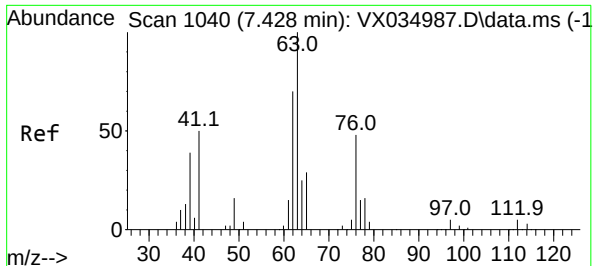


#35
Methylcyclohexane
Concen: 4.828 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion: 83 Resp: 27762

Ion	Ratio	Lower	Upper
83	100		
55	79.9	65.0	97.6
98	50.1	38.7	58.1





#37

1,2-Dichloropropane

Concen: 4.940 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

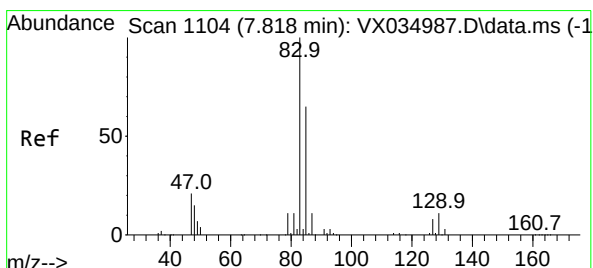
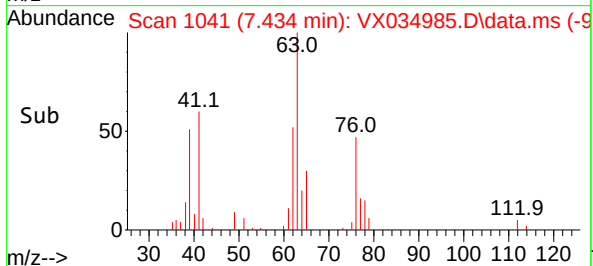
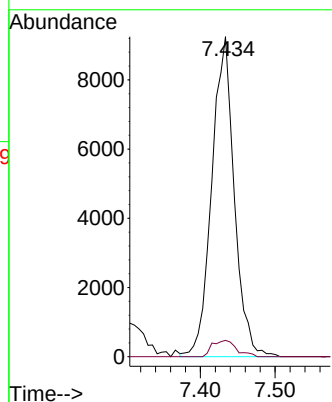
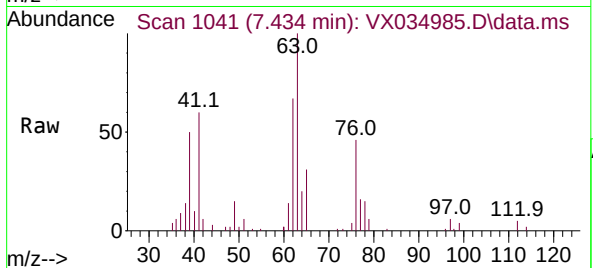
VSTD005626

Tgt Ion: 63 Resp: 19368

Ion Ratio Lower Upper

63 100

112 3.3 3.6 5.4#



#38

Bromodichloromethane

Concen: 4.735 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

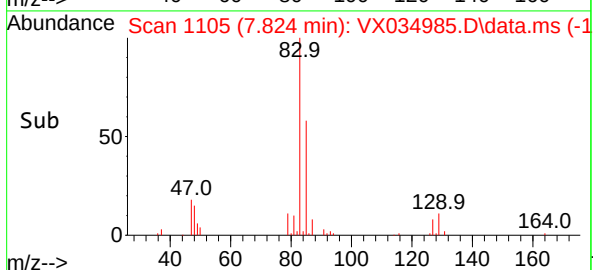
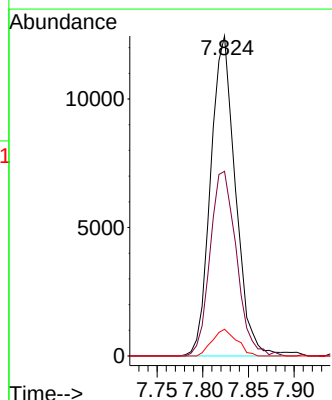
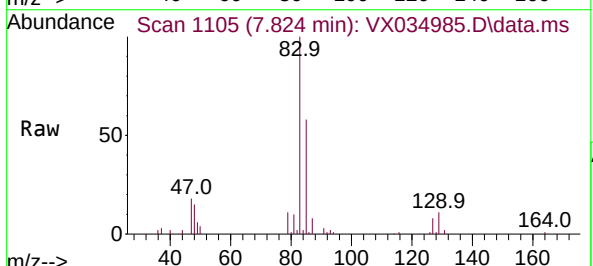
Tgt Ion: 83 Resp: 23485

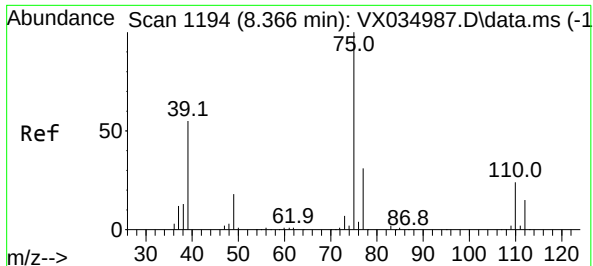
Ion Ratio Lower Upper

83 100

85 57.7 45.6 84.6

127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.321 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

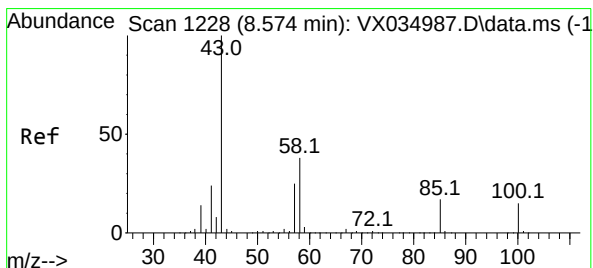
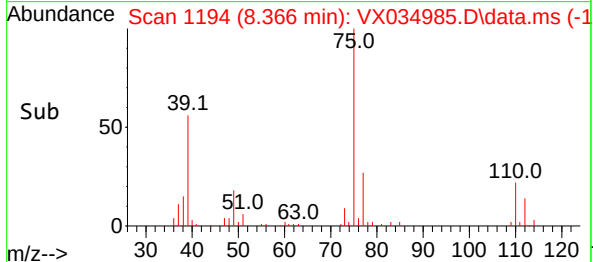
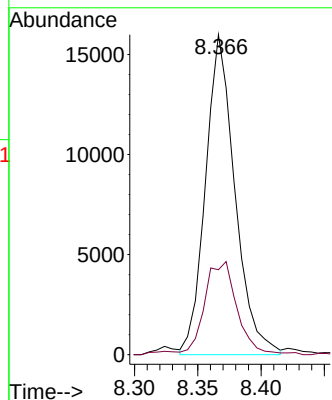
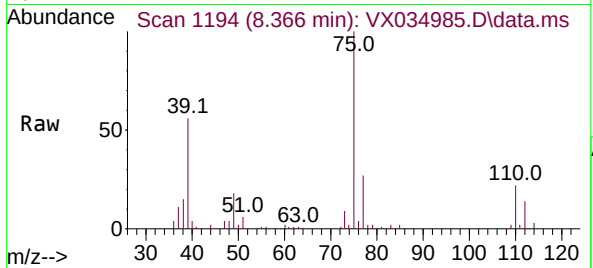
VSTD005626

Tgt Ion: 75 Resp: 25892

Ion Ratio Lower Upper

75 100

77 26.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 9.223 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

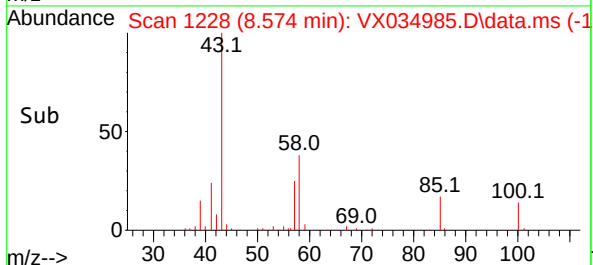
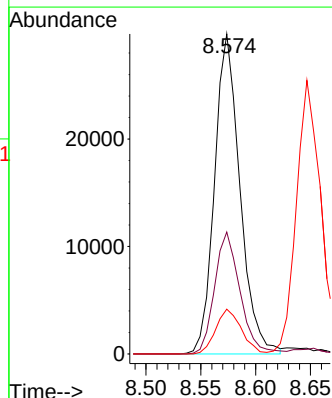
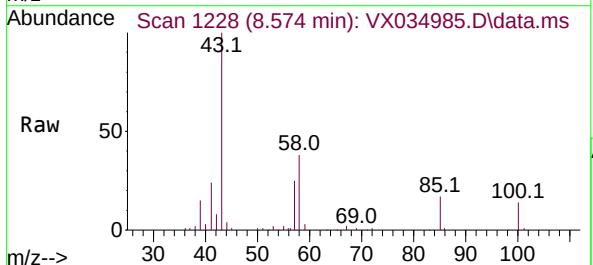
Tgt Ion: 43 Resp: 48047

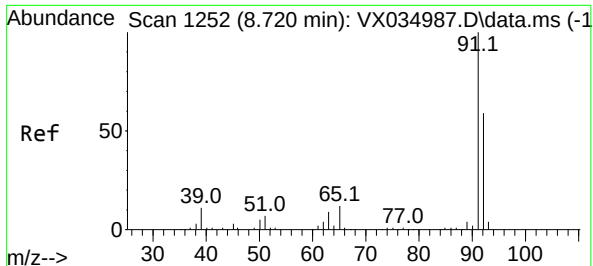
Ion Ratio Lower Upper

43 100

58 38.1 30.1 45.1

100 14.2 11.9 17.9





#42

Toluene

Concen: 4.786 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

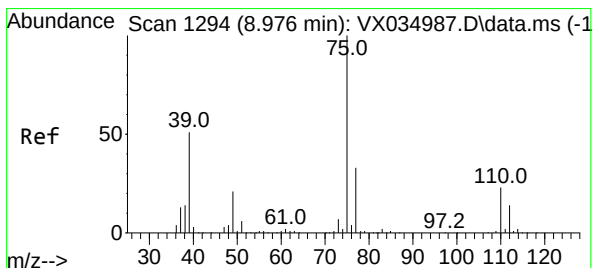
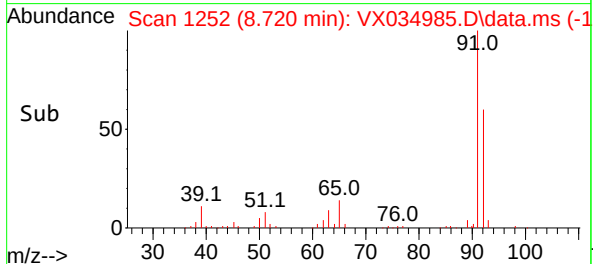
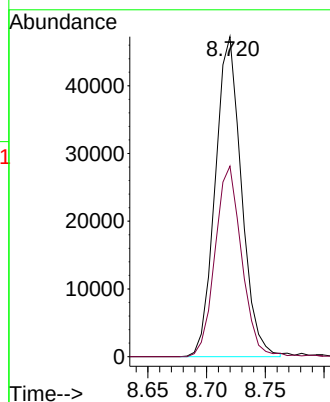
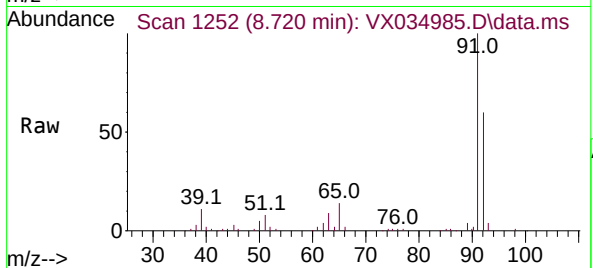
VSTD005626

Tgt Ion: 91 Resp: 73339

Ion Ratio Lower Upper

91 100

92 59.5 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 4.134 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX034985.D

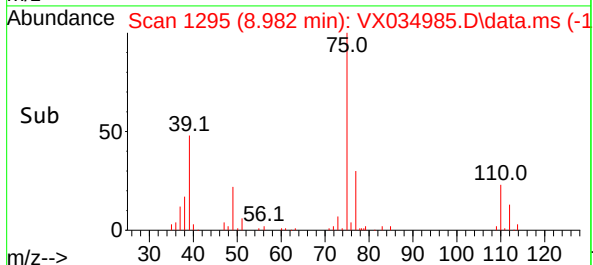
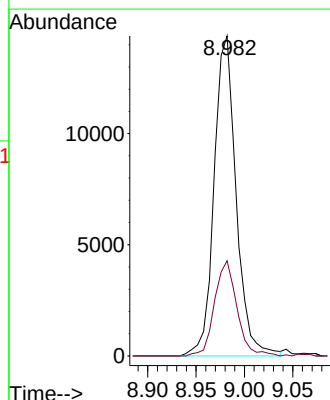
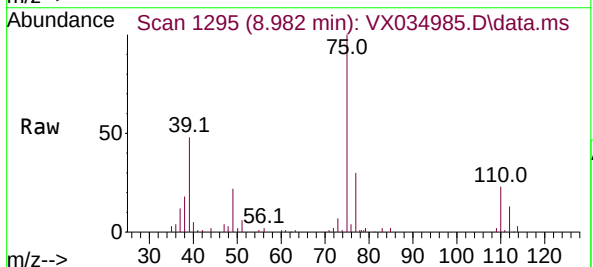
Acq: 10 Apr 2023 10:03

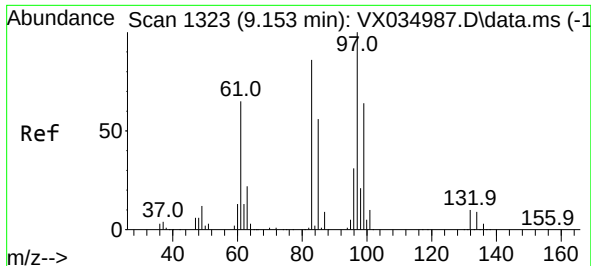
Tgt Ion: 75 Resp: 22806

Ion Ratio Lower Upper

75 100

77 29.7 22.9 42.5



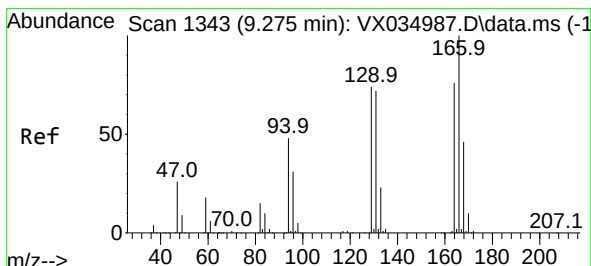
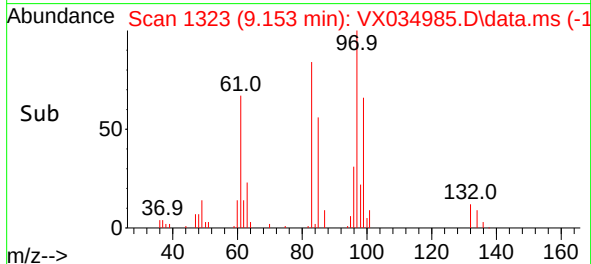
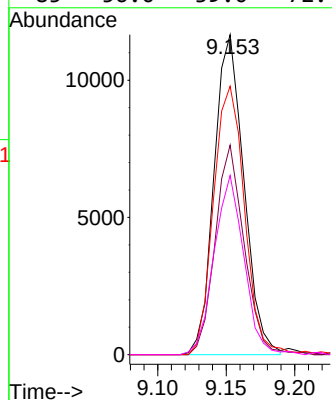
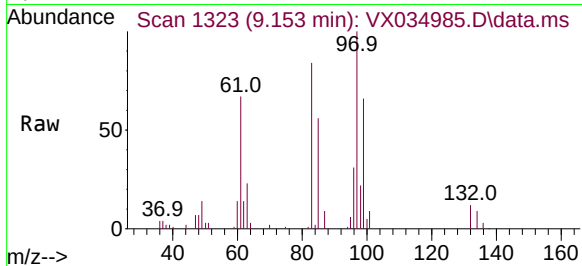


#45
1,1,2-Trichloroethane
Concen: 4.823 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

Tgt Ion: 97 Resp: 17632

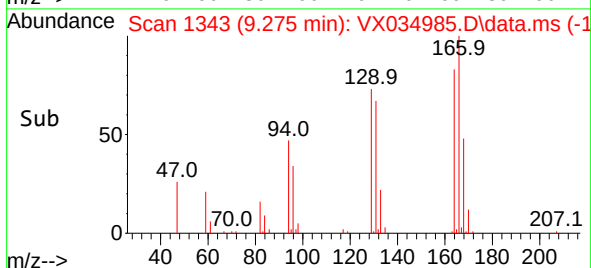
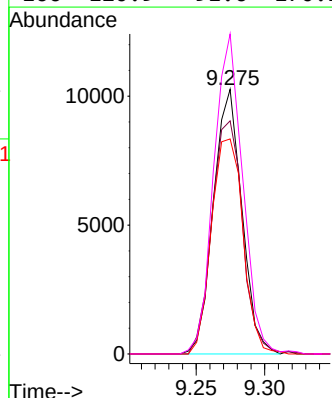
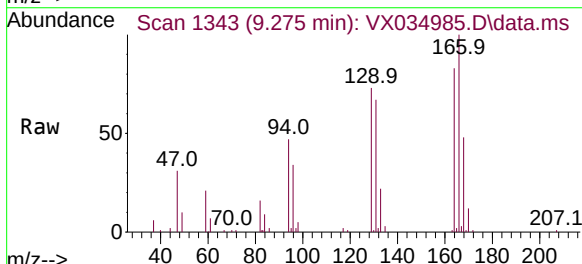
Ion	Ratio	Lower	Upper
97	100		
99	65.5	44.8	83.2
83	83.9	60.5	112.3
85	56.0	39.0	72.4

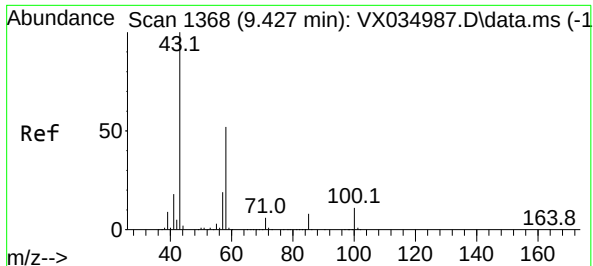


#46
Tetrachloroethene
Concen: 4.994 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion: 164 Resp: 14841

Ion	Ratio	Lower	Upper
164	100		
129	88.1	67.7	125.7
131	81.3	65.8	122.2
166	120.9	91.6	170.2

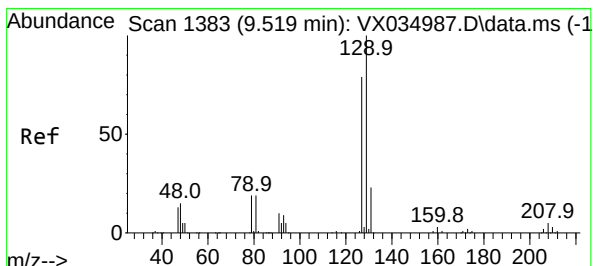
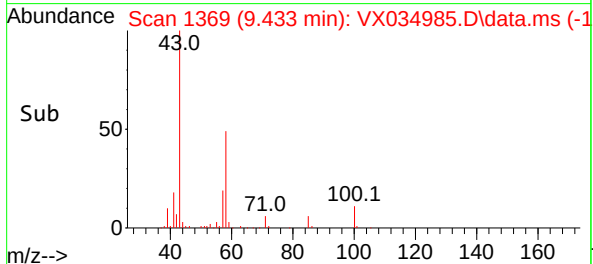
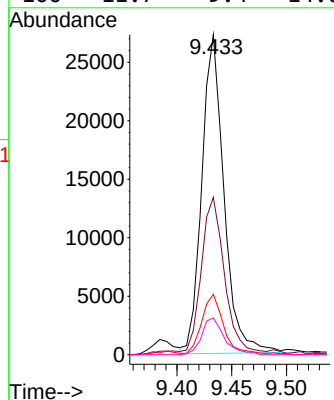
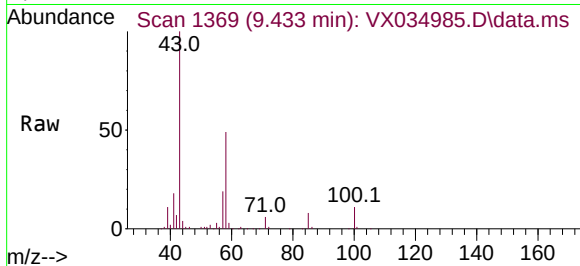




#48
2-Hexanone
Concen: 9.409 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

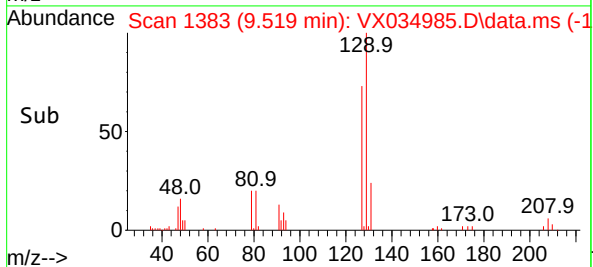
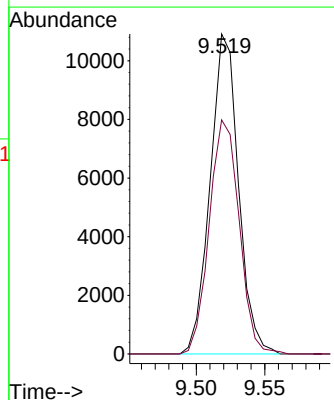
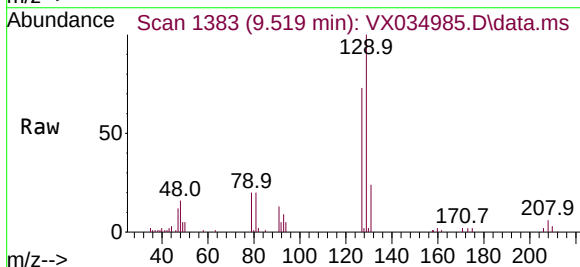
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

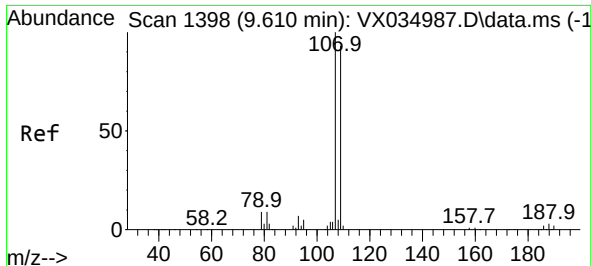
Tgt Ion: 43	Resp: 38420
Ion Ratio	Lower Upper
43 100	
58 51.9	42.1 63.1
57 18.7	15.0 22.6
100 11.7	9.4 14.0



#49
Dibromochloromethane
Concen: 4.367 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion:129	Resp:	15705	
Ion	Ratio	Lower	Upper
129	100		
127	73.2	55.0	102.2





#50

1,2-Dibromoethane

Concen: 4.743 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

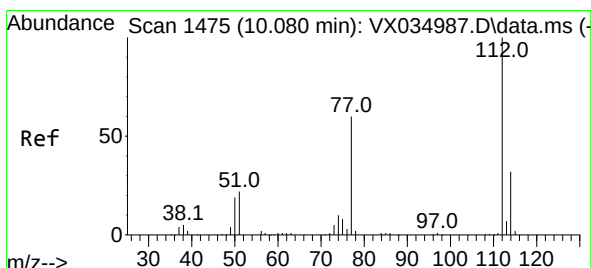
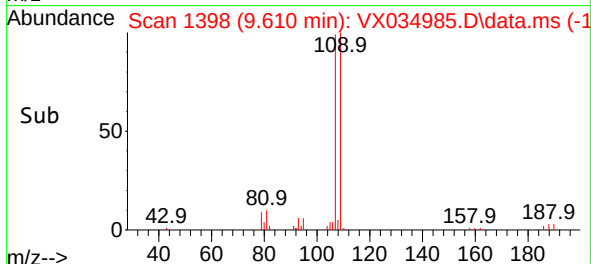
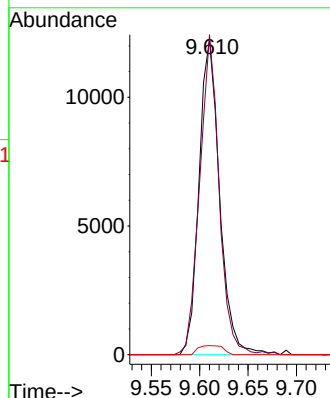
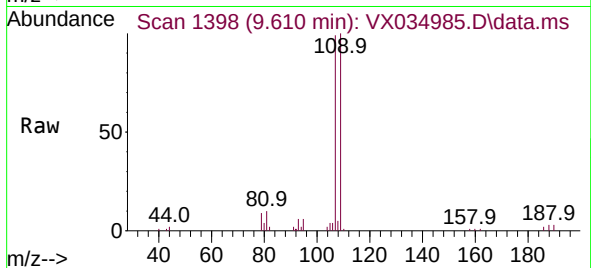
Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

Tgt Ion:	107	Resp:	18195
Ion	Ratio	Lower	Upper
107	100		
109	101.5	65.4	121.4
188	2.9	2.7	4.1



#51

Chlorobenzene

Concen: 4.895 ug/L

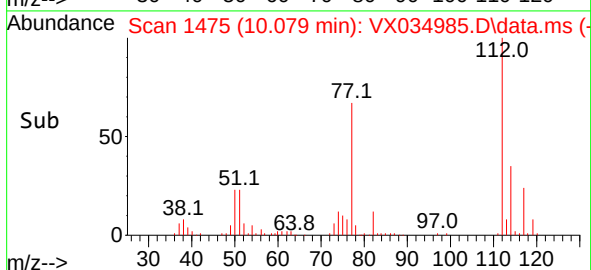
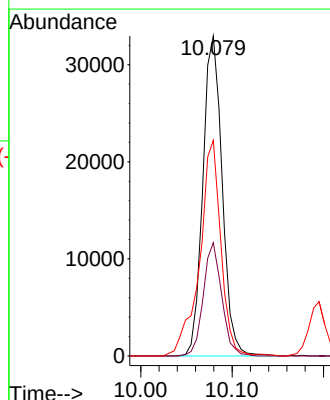
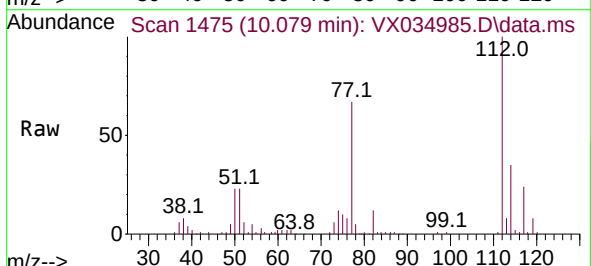
RT: 10.079 min Scan# 1475

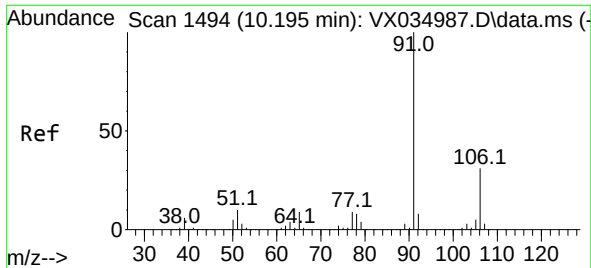
Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Tgt Ion:	112	Resp:	48346
Ion	Ratio	Lower	Upper
112	100		
114	35.4	22.6	42.0
77	67.4	48.8	73.2

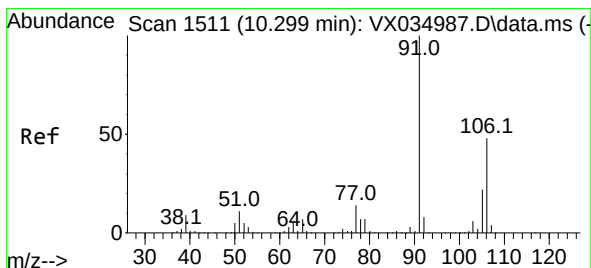
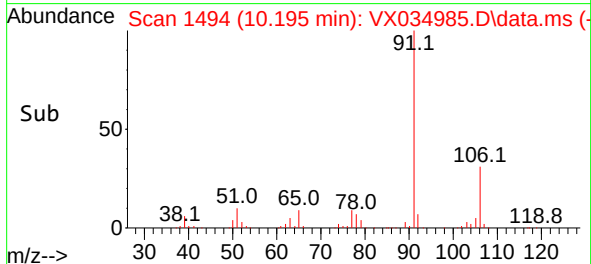
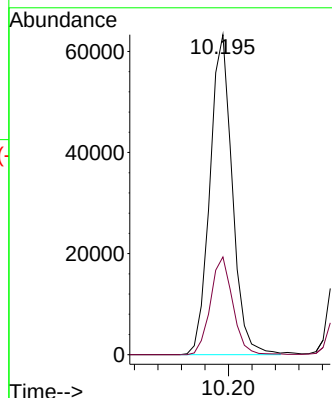
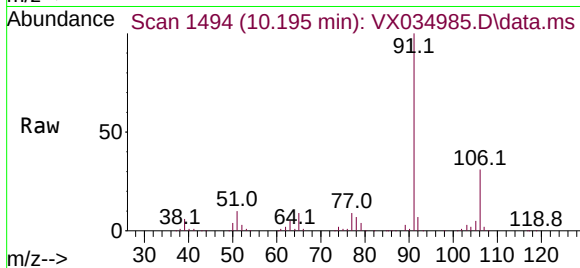




#52
Ethylbenzene
Concen: 4.808 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

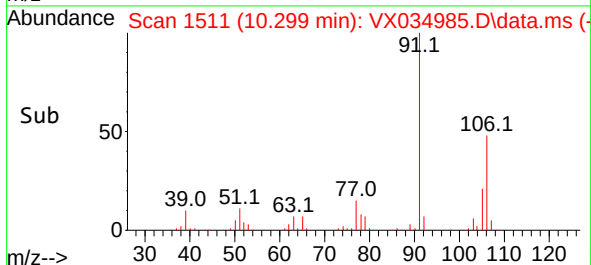
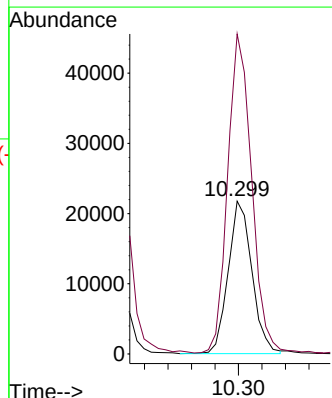
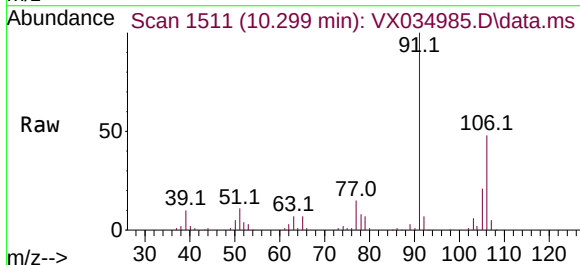
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

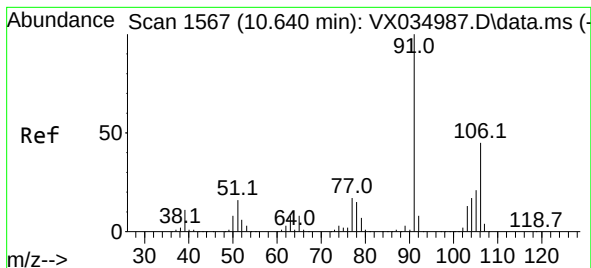
Tgt Ion: 91 Resp: 83612
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 4.638 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion: 106 Resp: 30388
Ion Ratio Lower Upper
106 100
91 209.5 146.4 272.0





#54

o-Xylene

Concen: 4.751 ug/L

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

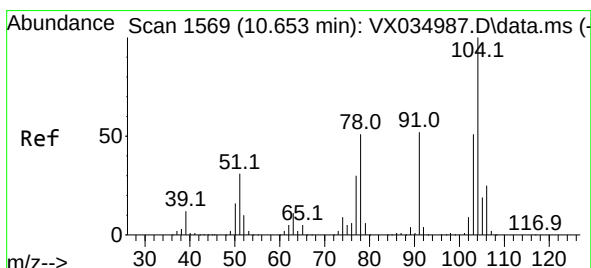
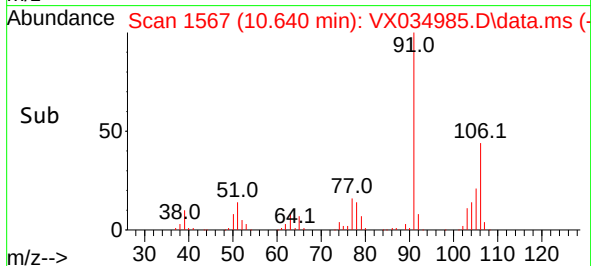
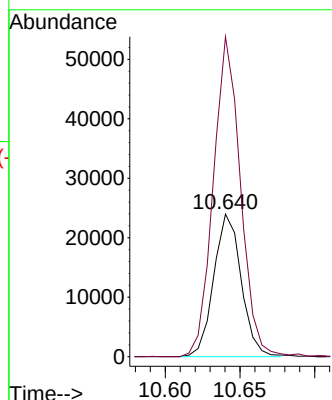
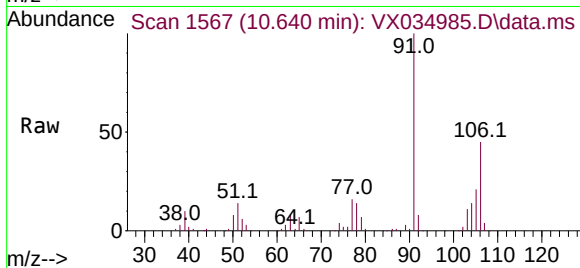
VSTD005626

Tgt Ion:106 Resp: 30674

Ion Ratio Lower Upper

106 100

91 224.4 154.0 286.0



#55

Styrene

Concen: 4.560 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX034985.D

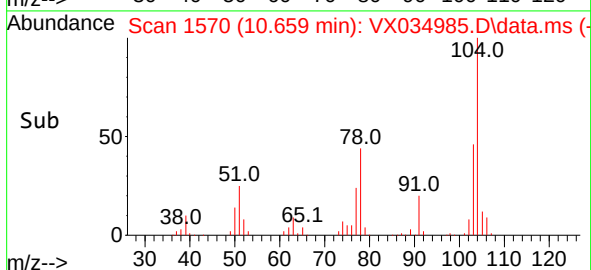
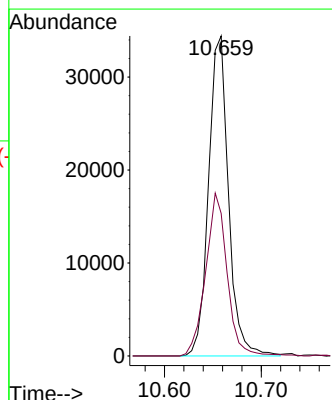
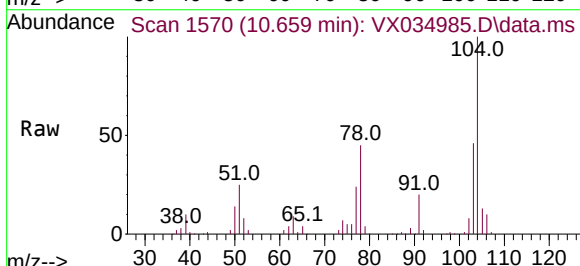
Acq: 10 Apr 2023 10:03

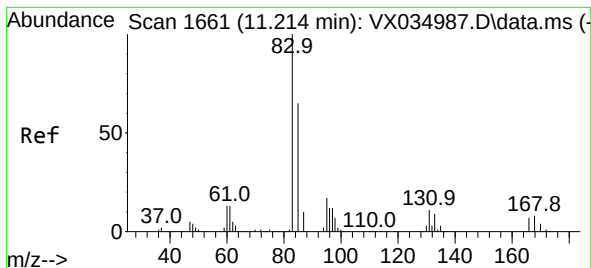
Tgt Ion:104 Resp: 49358

Ion Ratio Lower Upper

104 100

78 44.6 35.4 65.8

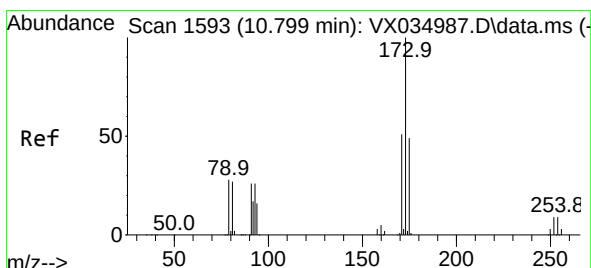
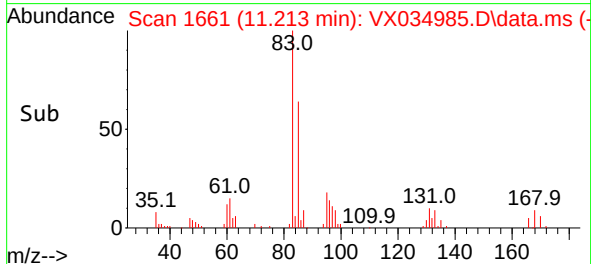
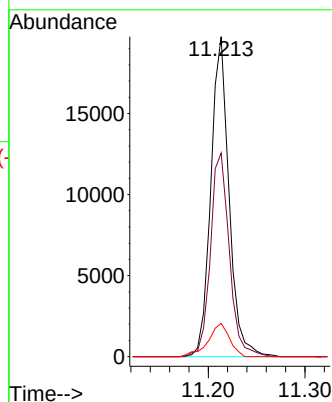
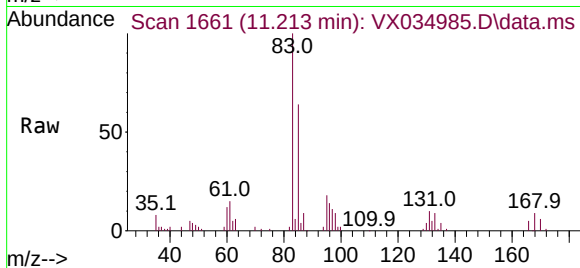




#57
1,1,2,2-Tetrachloroethane
Concen: 4.756 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

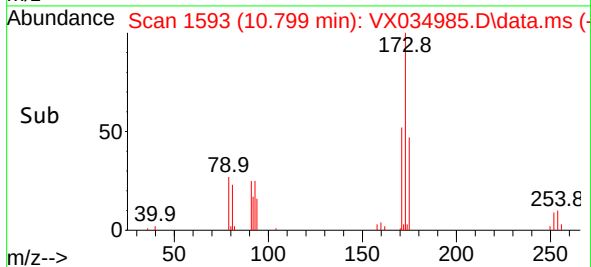
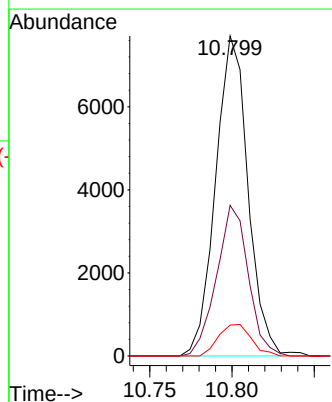
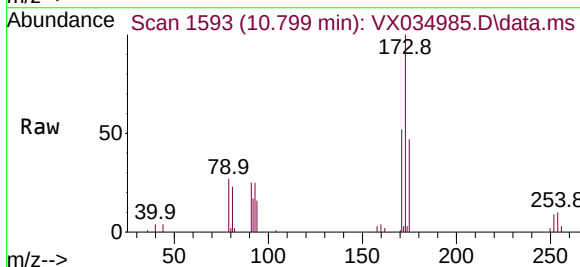
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

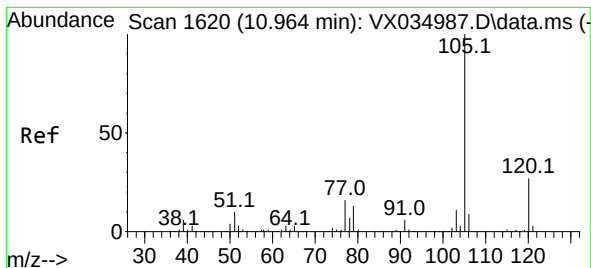
Tgt Ion: 83 Resp: 25815
Ion Ratio Lower Upper
83 100
85 63.7 45.5 84.5
131 10.4 8.6 12.8



#59
Bromoform
Concen: 4.523 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion:173 Resp: 10521
Ion Ratio Lower Upper
173 100
175 46.3 39.0 58.4
254 10.1 7.3 10.9





#60

Isopropylbenzene

Concen: 4.886 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

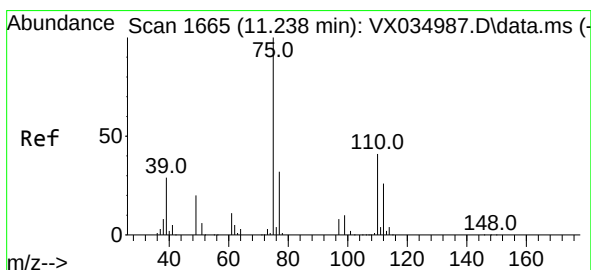
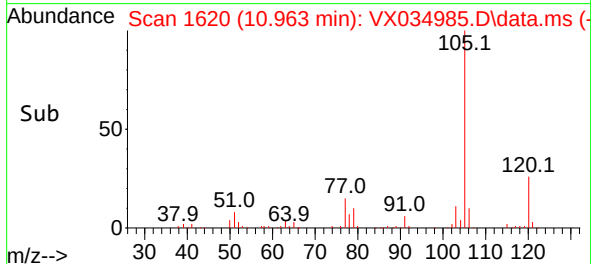
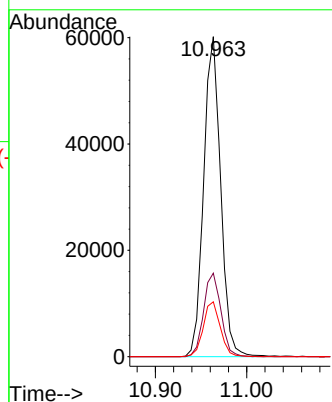
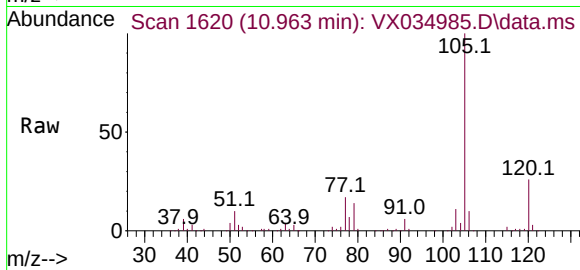
Tgt Ion:105 Resp: 77838

Ion Ratio Lower Upper

105 100

120 26.6 21.1 31.7

77 17.3 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.135 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

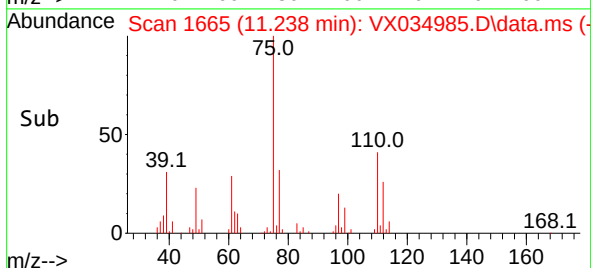
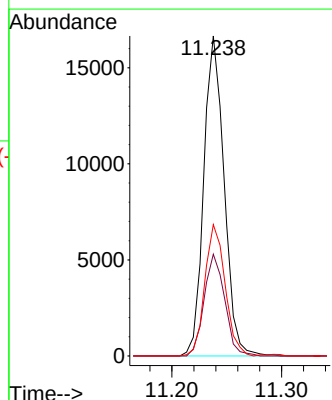
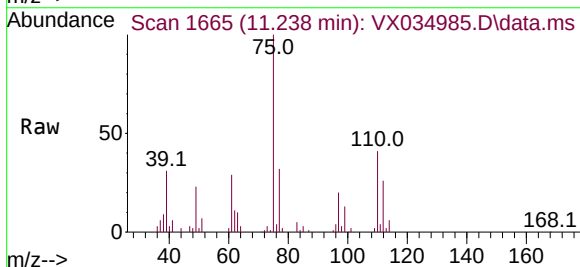
Tgt Ion: 75 Resp: 21481

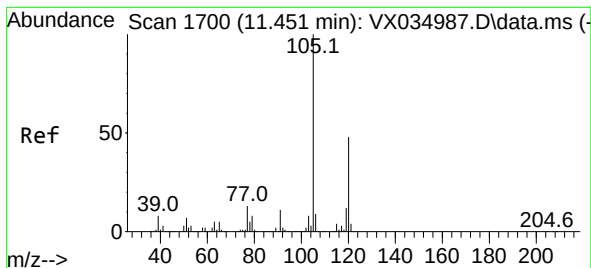
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

110 40.9 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 4.805 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

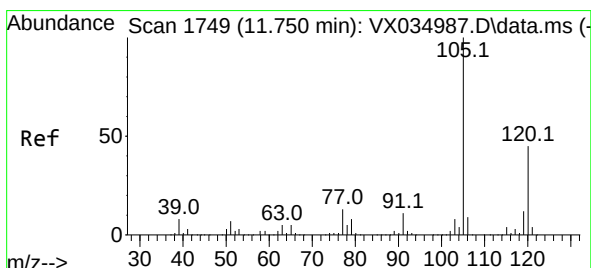
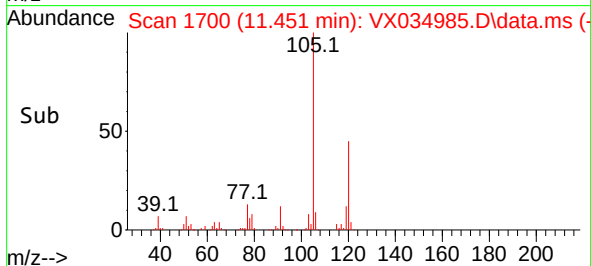
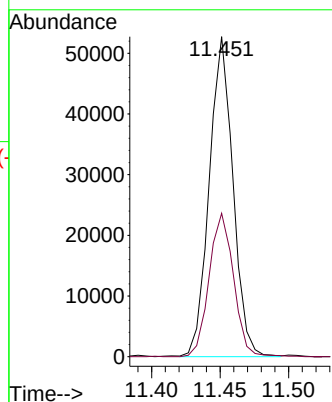
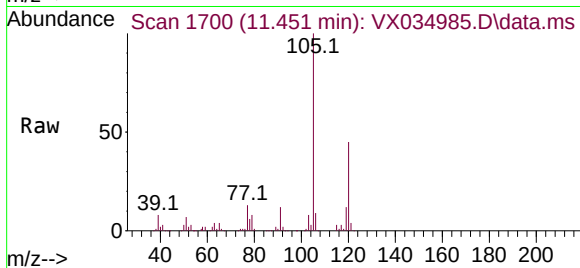
VSTD005626

Tgt Ion:105 Resp: 63467

Ion Ratio Lower Upper

105 100

120 46.2 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 4.709 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034985.D

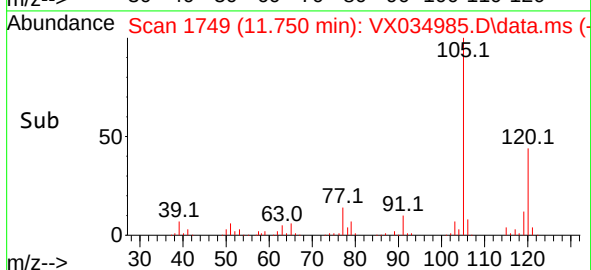
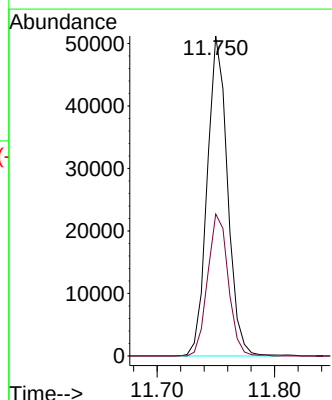
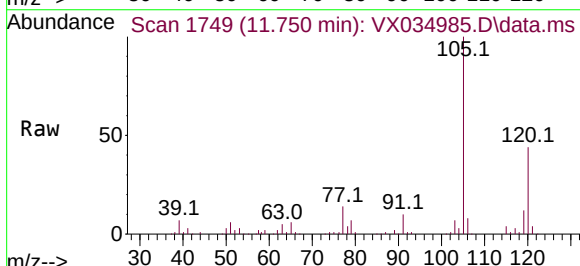
Acq: 10 Apr 2023 10:03

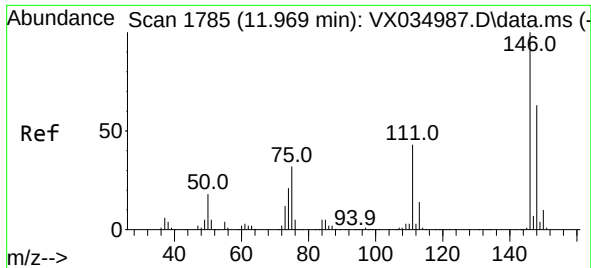
Tgt Ion:105 Resp: 61419

Ion Ratio Lower Upper

105 100

120 44.9 35.6 53.4

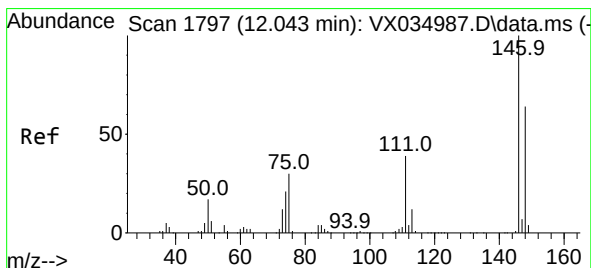
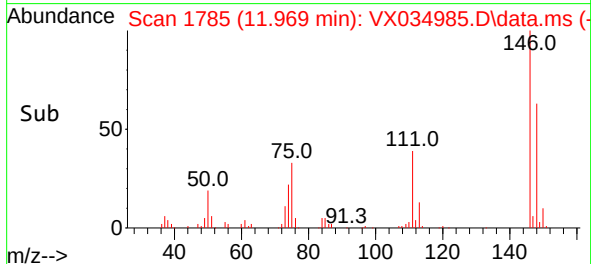
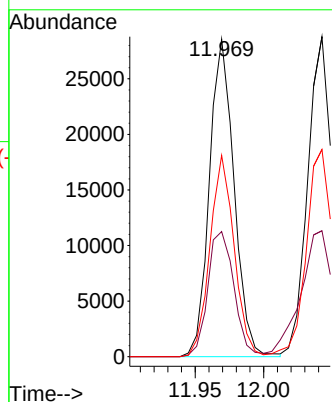
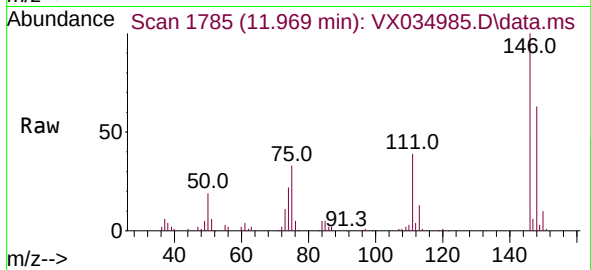




#64
1,3-Dichlorobenzene
Concen: 5.039 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

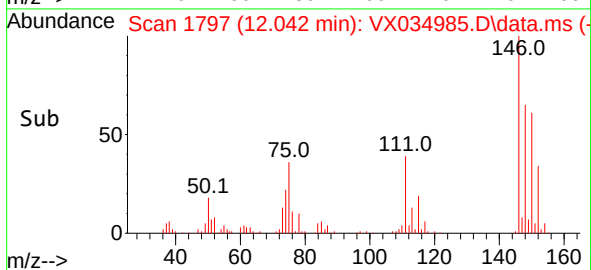
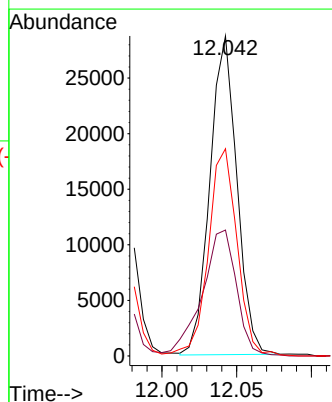
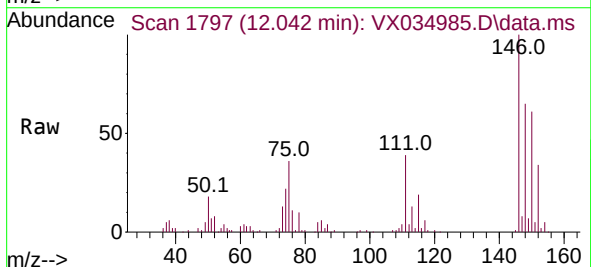
Instrument :
MSVOA_X
ClientSampleId :
VSTD005626

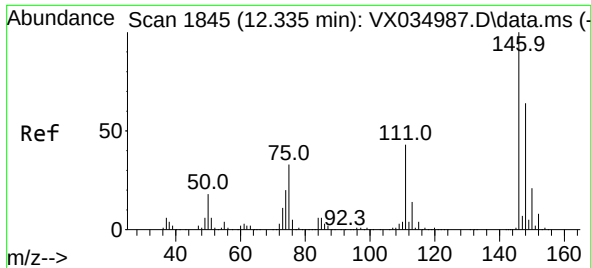
Tgt Ion:146 Resp: 35761
Ion Ratio Lower Upper
146 100
111 39.4 30.3 56.3
148 63.4 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.020 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034985.D
Acq: 10 Apr 2023 10:03

Tgt Ion:146 Resp: 36025
Ion Ratio Lower Upper
146 100
111 39.3 27.5 51.1
148 64.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.048 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

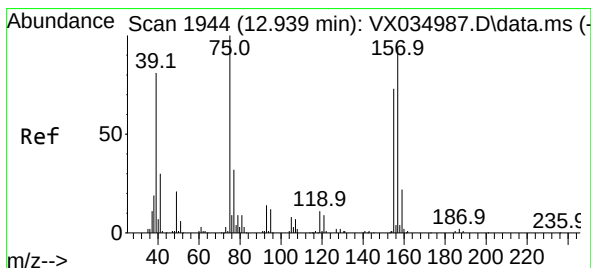
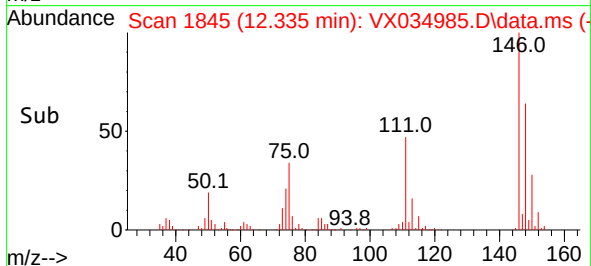
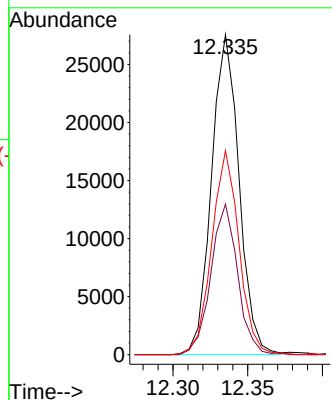
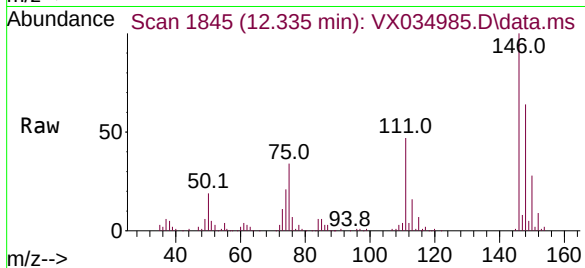
Tgt Ion:146 Resp: 35297

Ion Ratio Lower Upper

146 100

111 47.1 34.4 51.6

148 63.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.397 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

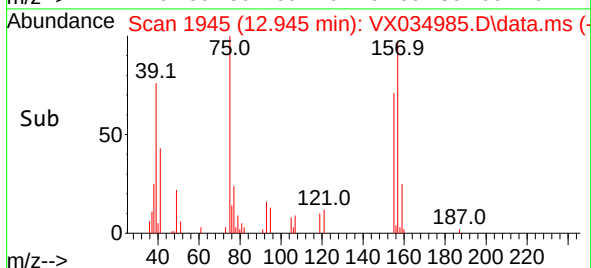
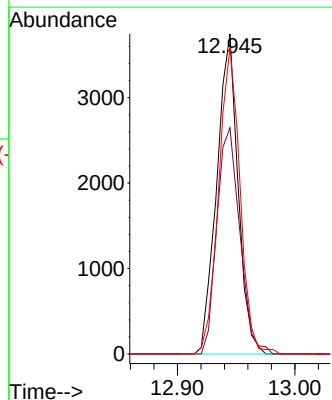
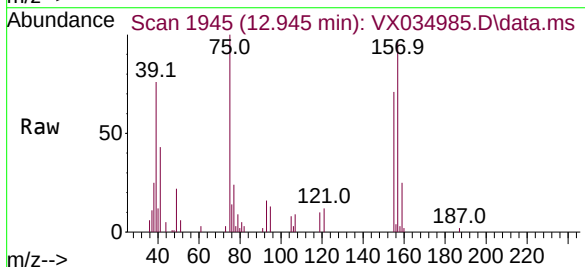
Tgt Ion: 75 Resp: 4708

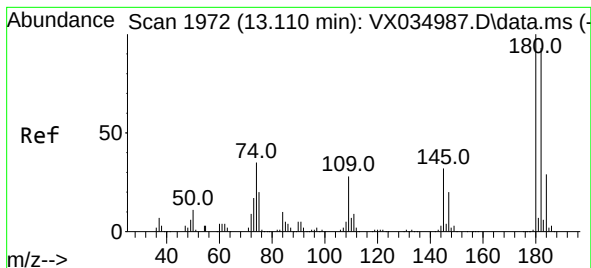
Ion Ratio Lower Upper

75 100

155 70.7 58.0 87.0

157 95.7 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 5.058 ug/L

RT: 13.115 min Scan# 1972

Delta R.T. 0.006 min

Lab File: VX034985.D

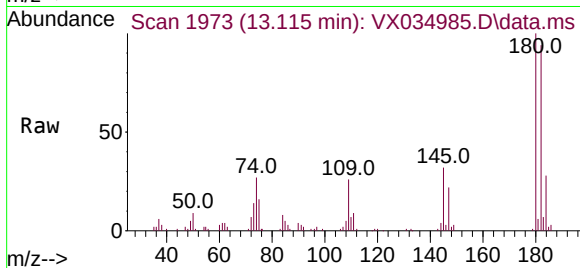
Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626



Tgt Ion:180 Resp: 22455

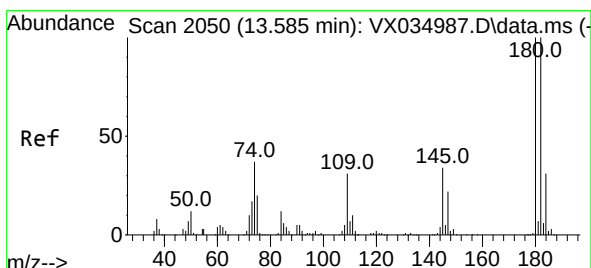
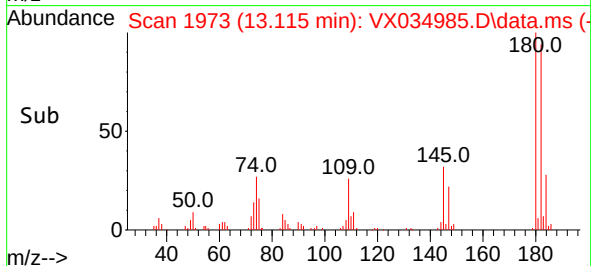
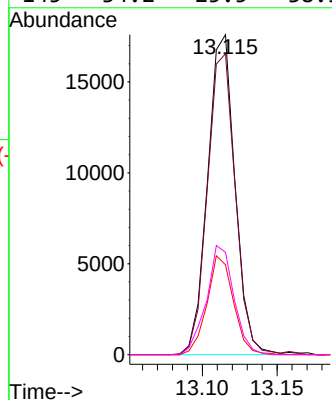
Ion Ratio Lower Upper

180 100

182 95.6 76.8 115.2

184 29.9 23.8 35.8

145 34.2 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 4.975 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

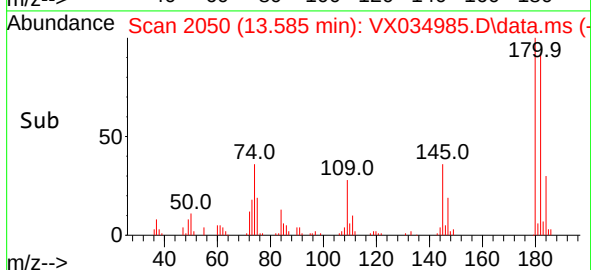
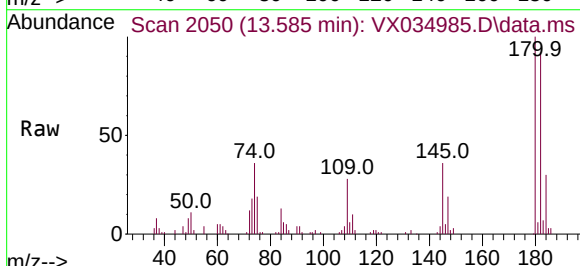
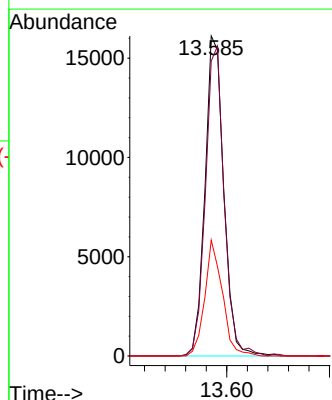
Tgt Ion:180 Resp: 20546

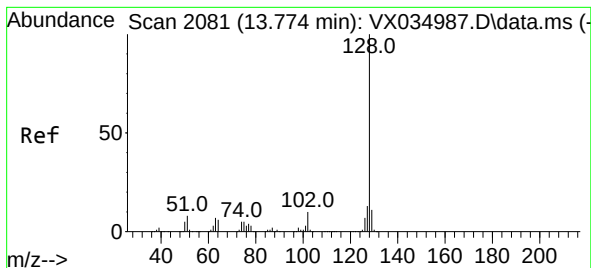
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 34.0 26.7 40.1





#71

Naphthalene

Concen: 4.778 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD005626

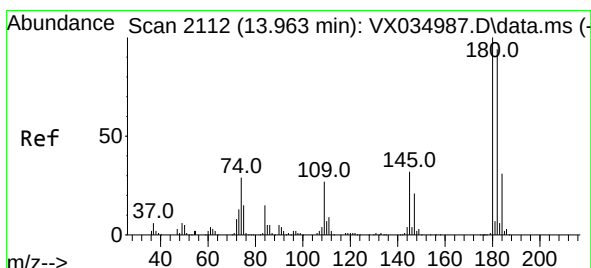
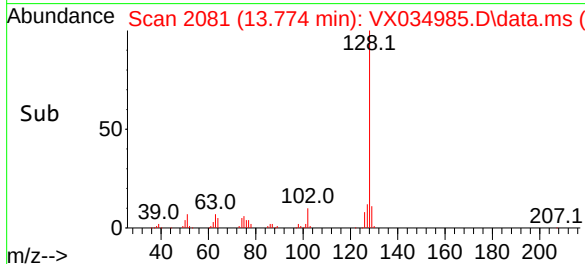
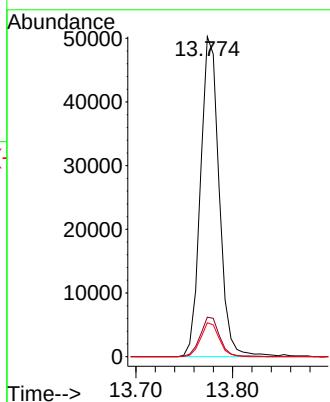
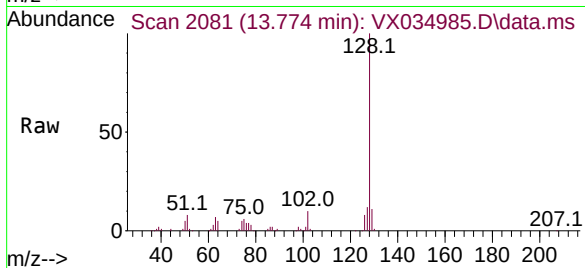
Tgt Ion:128 Resp: 67424

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 5.163 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034985.D

Acq: 10 Apr 2023 10:03

Tgt Ion:180 Resp: 21409

Ion Ratio Lower Upper

180 100

182 93.3 76.6 114.8

145 34.3 28.0 42.0

