

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
 Data File : VX035325.D
 Acq On : 26 Apr 2023 19:49
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050638

Quant Time: Apr 27 04:44:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 25 03:03:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	401313	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	354870	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	183444	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	117888	45.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.120%
7) Chloroethane-d5	1.672	69	89549	47.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.780%
11) 1,1-Dichloroethene-d2	2.306	65	62069	50.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.260%
21) 2-Butanone-d5	4.465	46	168914	97.954	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.950%
24) Chloroform-d	5.056	84	261352	53.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.260%
26) 1,2-Dichloroethane-d4	5.952	65	164242	52.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.960%
32) Benzene-d6	5.977	84	537809	52.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.520%
36) 1,2-Dichloropropane-d6	7.312	67	163729	52.580	ug/L	0.01
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.160%
41) Toluene-d8	8.647	98	499133	53.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.140%
43) trans-1,3-Dichloroprop...	8.952	79	75194	55.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.520%
47) 2-Hexanone-d5	9.384	63	125186	100.111	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.110%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	204182	53.541	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	189215	53.226	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	144877	48.169	ug/L	100
3) Chloromethane	1.294	50	113653	41.522	ug/L	99
5) Vinyl chloride	1.374	62	121143	42.649	ug/L	100
6) Bromomethane	1.618	94	77089	45.695	ug/L	97
8) Chloroethane	1.691	64	74159	46.812	ug/L	98
9) Trichlorofluoromethane	1.892	101	193746	50.370	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	136851	52.078	ug/L	97
12) 1,1-Dichloroethene	2.325	96	121136	50.524	ug/L	82
13) Acetone	2.398	43	108579	84.896	ug/L	97
14) Carbon disulfide	2.514	76	270573	45.677	ug/L	100
15) Methyl Acetate	2.709	43	130012	47.454	ug/L	98
16) Methylene chloride	2.788	84	134379	50.337	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	122642	49.675	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	450838	52.803	ug/L	99
19) 1,1-Dichloroethane	3.611	63	242794	51.016	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	147506	51.102	ug/L	99
22) 2-Butanone	4.568	43	178043	90.694	ug/L	96
23) Bromochloromethane	4.904	128	75194	52.596	ug/L	93
25) Chloroform	5.093	83	253481	52.532	ug/L	98

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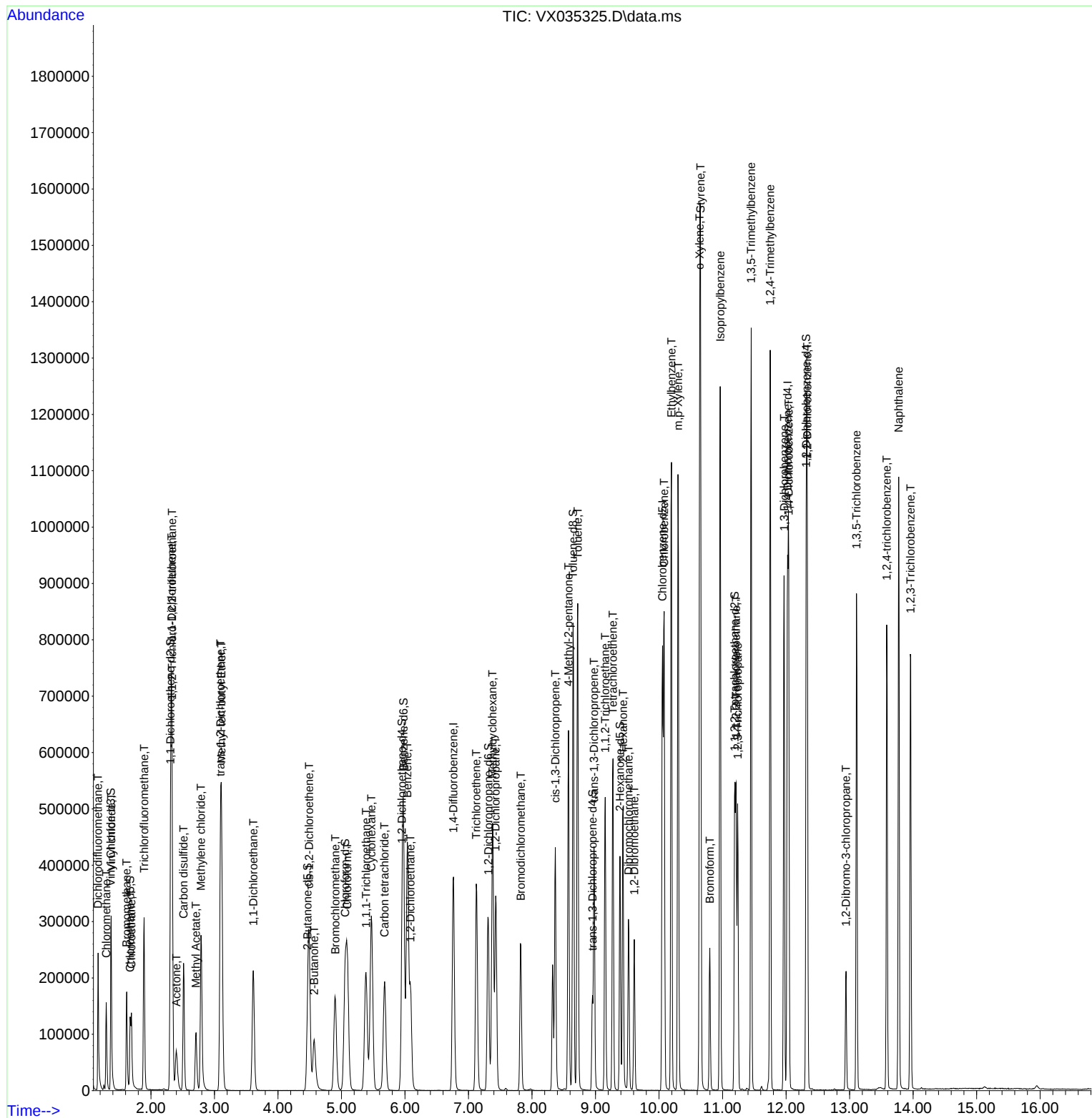
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	194286	50.271	ug/L	99
29) Cyclohexane	5.471	56	218808	51.030	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	217461	52.249	ug/L	98
31) Carbon tetrachloride	5.678	117	180963	51.275	ug/L	99
33) Benzene	6.038	78	539588	50.209	ug/L	100
34) Trichloroethene	7.123	95	142895	49.985	ug/L	99
35) Methylcyclohexane	7.379	83	225633	58.607	ug/L	98
37) 1,2-Dichloropropane	7.428	63	144554	51.090	ug/L	99
38) Bromodichloromethane	7.824	83	171838	51.401	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	225938	53.405	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	360936	96.770	ug/L	98
42) Toluene	8.720	91	575922	51.653	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	203227	53.313	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	141953	52.871	ug/L	98
46) Tetrachloroethene	9.275	164	117578	55.214	ug/L	99
48) 2-Hexanone	9.433	43	266414	94.077	ug/L	97
49) Dibromochloromethane	9.519	129	134602	52.752	ug/L	99
50) 1,2-Dibromoethane	9.610	107	147992	52.973	ug/L	100
51) Chlorobenzene	10.079	112	378176	51.483	ug/L	99
52) Ethylbenzene	10.195	91	659104	53.475	ug/L	97
53) m,p-Xylene	10.299	106	253207	53.648	ug/L	97
54) o-Xylene	10.640	106	248599	53.574	ug/L	95
55) Styrene	10.653	104	420384	53.471	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	205358	51.899	ug/L	99
59) Bromoform	10.799	173	91766	48.595	ug/L	100
60) Isopropylbenzene	10.963	105	666022	53.395	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	161634	47.724	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	563212	55.212	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	555122	54.728	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	303685	53.381	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	305764	52.525	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	300183	52.040	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	39910	47.755	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	211039	60.005	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	199264	60.508	ug/L	99
71) Naphthalene	13.774	128	669995	57.116	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	196998	60.595	ug/L	99

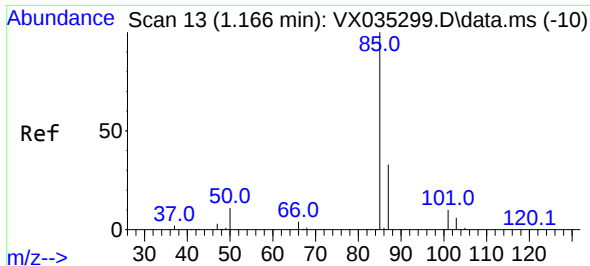
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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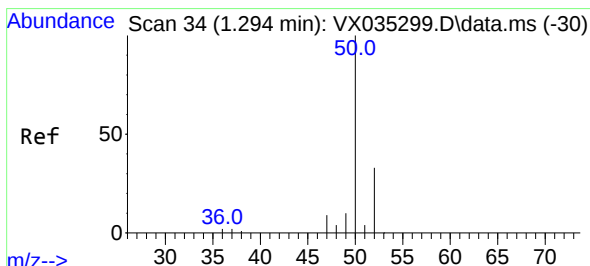
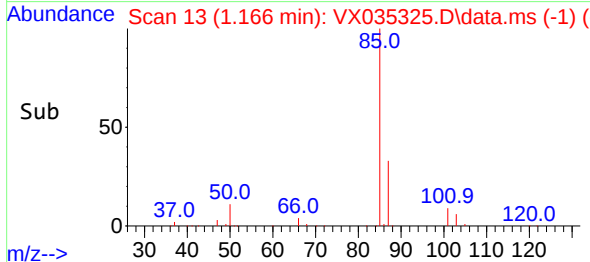
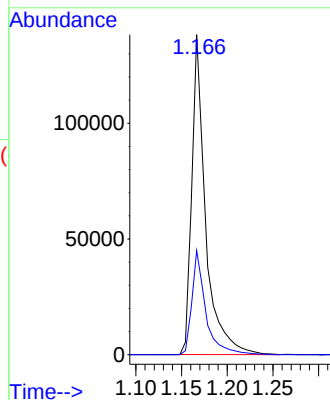
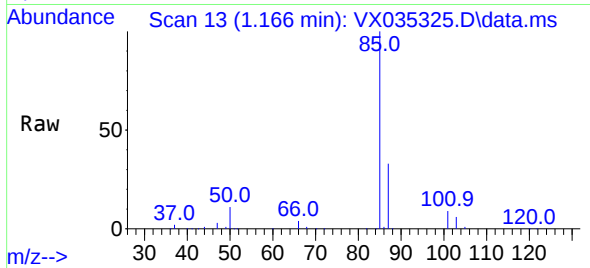




#2
 Dichlorodifluoromethane
 Concen: 48.169 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035325.D
 Acq: 26 Apr 2023 19:49

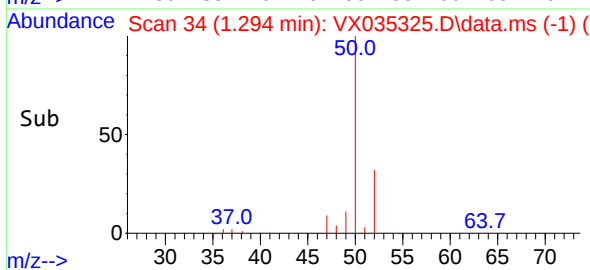
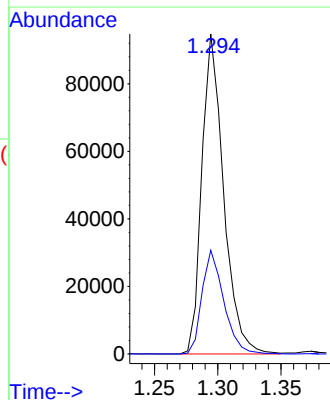
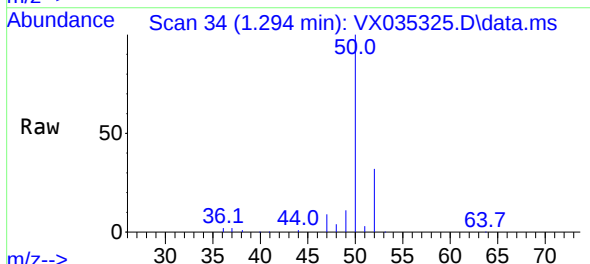
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050638

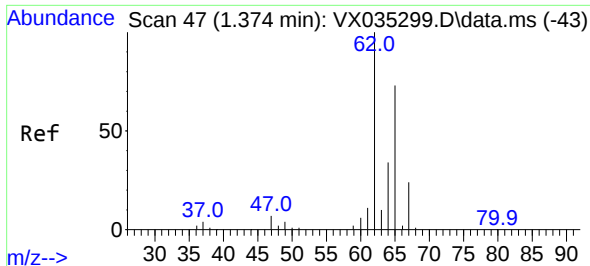
Tgt Ion: 85 Resp: 144877
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.4



#3
 Chloromethane
 Concen: 41.522 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX035325.D
 Acq: 26 Apr 2023 19:49

Tgt Ion: 50 Resp: 113653
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.0 42.6

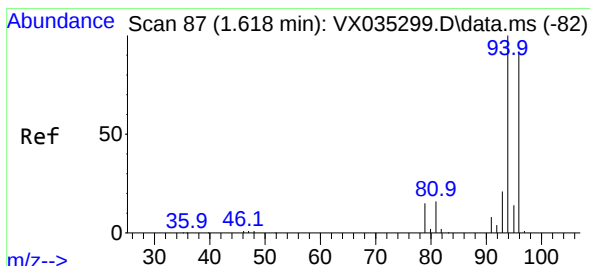
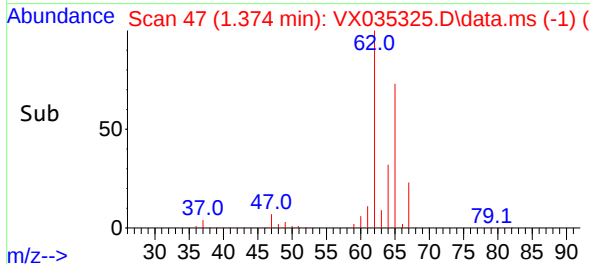
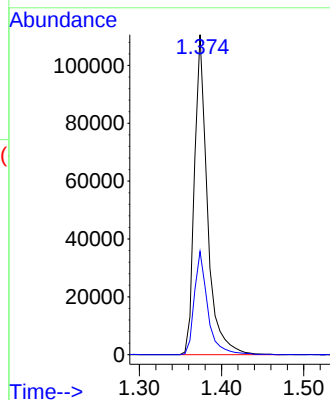
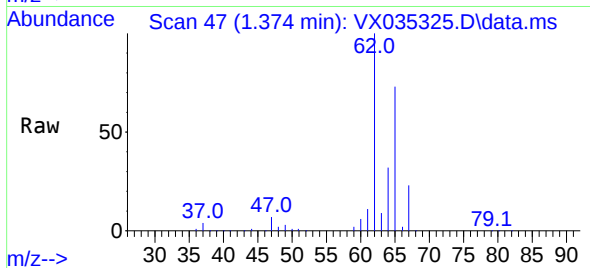




#5
 Vinyl chloride
 Concen: 42.649 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035325.D
 Acq: 26 Apr 2023 19:49

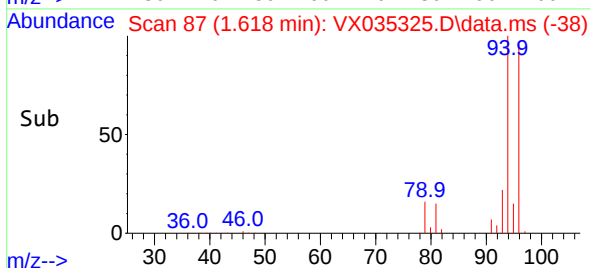
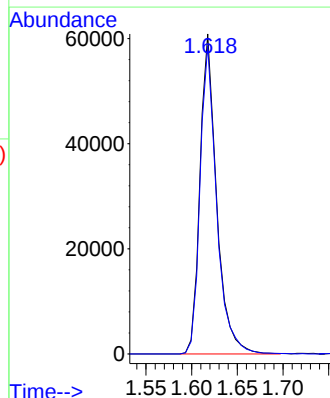
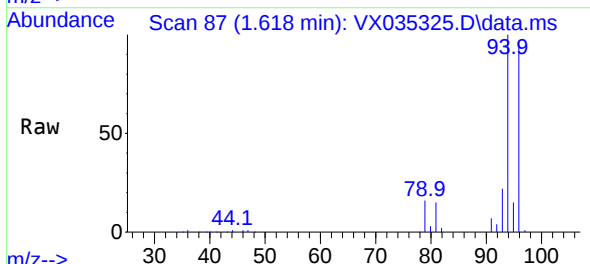
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050638

Tgt Ion: 62 Resp: 121143
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.5 41.7

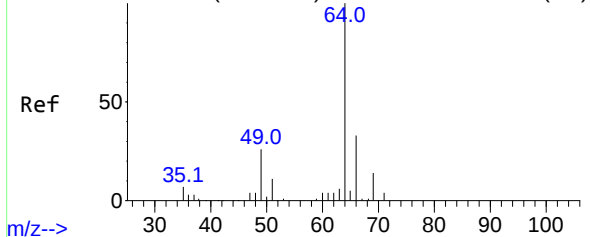


#6
 Bromomethane
 Concen: 45.695 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX035325.D
 Acq: 26 Apr 2023 19:49

Tgt Ion: 94 Resp: 77089
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.7 121.9



Abundance Scan 99 (1.691 min): VX035299.D\data.ms (-93)



#8

Chloroethane

Concen: 46.812 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD050638

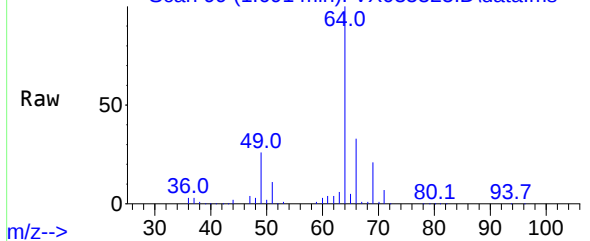
Tgt Ion: 64 Resp: 74159

Ion Ratio Lower Upper

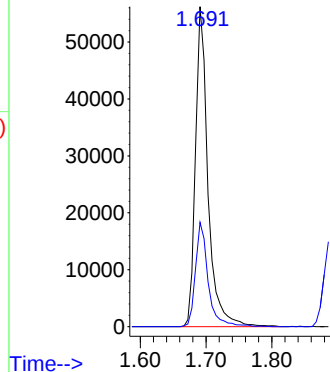
64 100

66 32.6 21.9 40.7

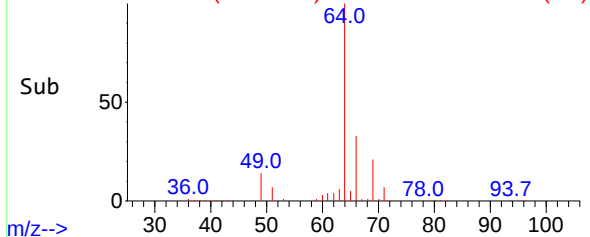
Abundance Scan 99 (1.691 min): VX035325.D\data.ms



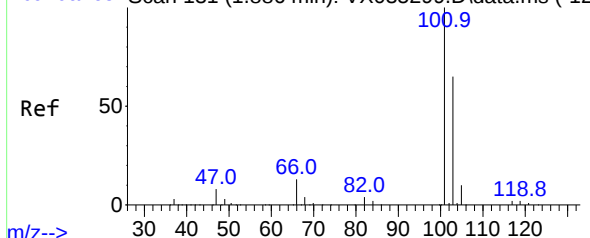
Abundance



Abundance Scan 99 (1.691 min): VX035325.D\data.ms (-33)



Abundance Scan 131 (1.886 min): VX035299.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 50.370 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.000 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

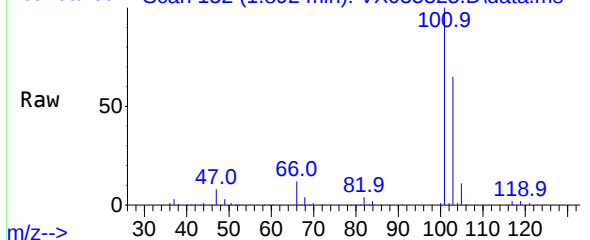
Tgt Ion:101 Resp: 193746

Ion Ratio Lower Upper

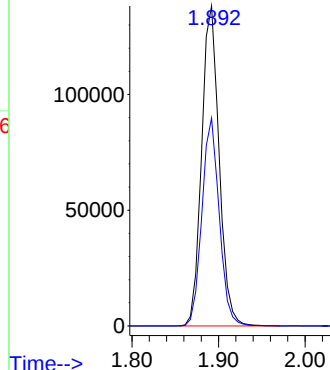
101 100

103 64.4 51.7 77.5

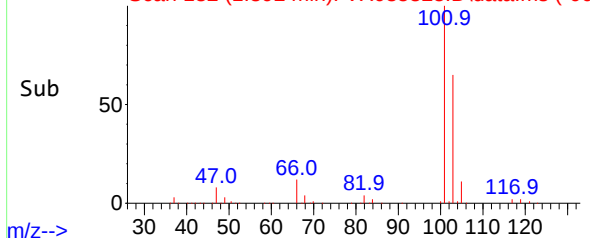
Abundance Scan 132 (1.892 min): VX035325.D\data.ms

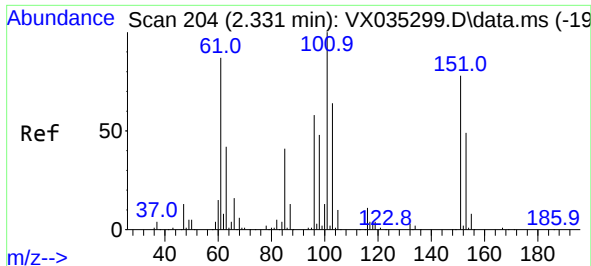


Abundance



Abundance Scan 132 (1.892 min): VX035325.D\data.ms (-66)

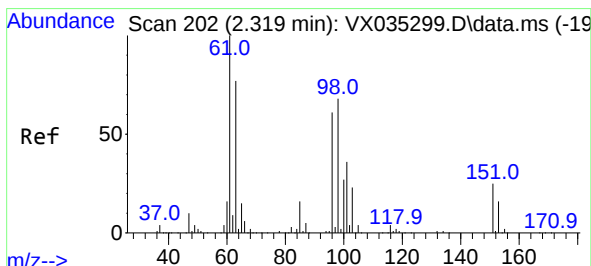
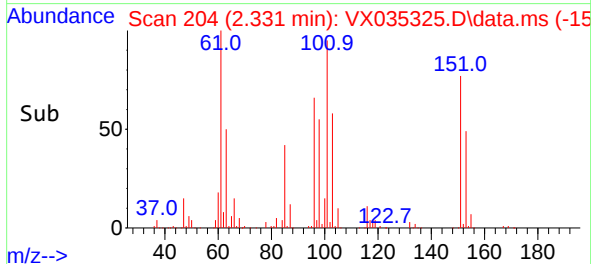
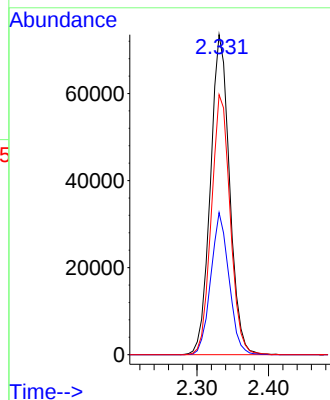
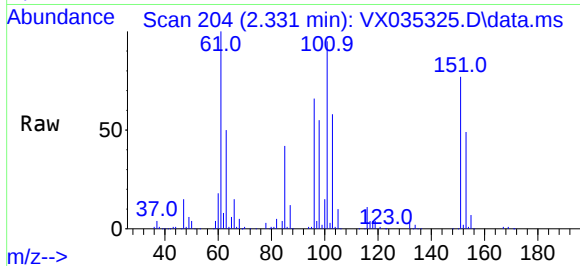




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.078 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

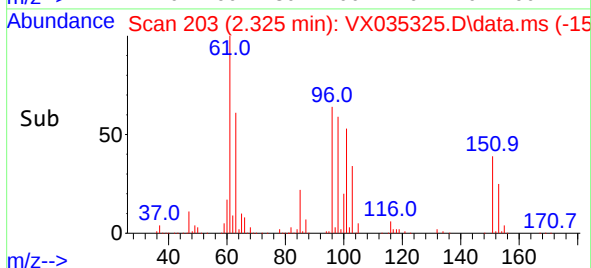
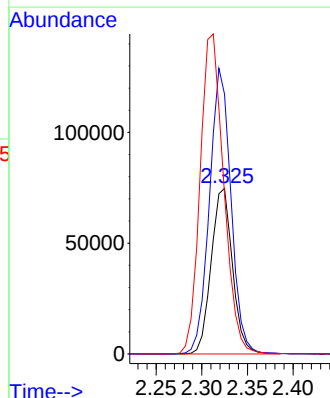
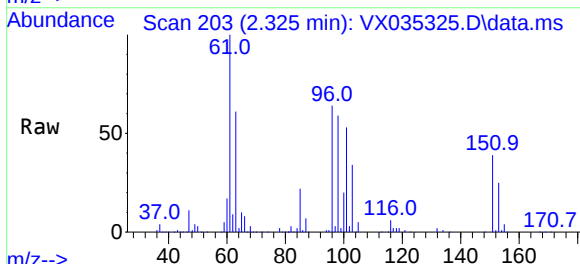
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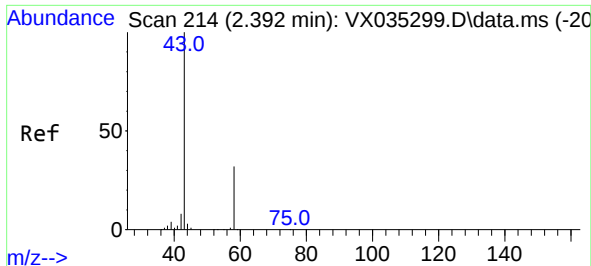
Tgt Ion:101 Resp: 136851
Ion Ratio Lower Upper
101 100
85 42.1 34.2 51.2
151 79.7 61.1 91.7



#12
1,1-Dichloroethene
Concen: 50.524 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion: 96 Resp: 121136
Ion Ratio Lower Upper
96 100
61 156.9 119.0 221.0
63 96.4 91.0 169.0

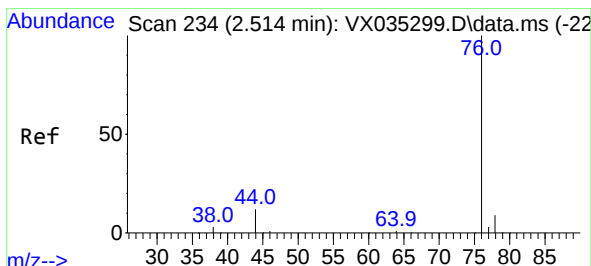
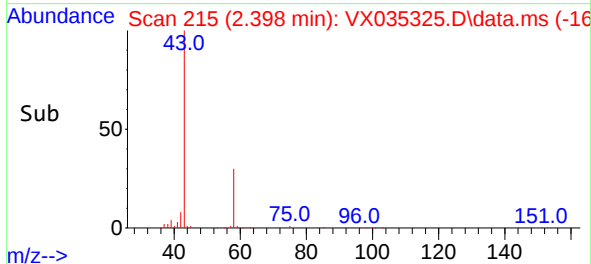
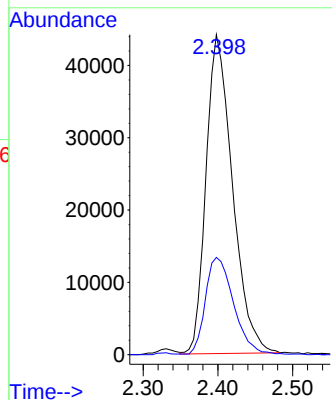
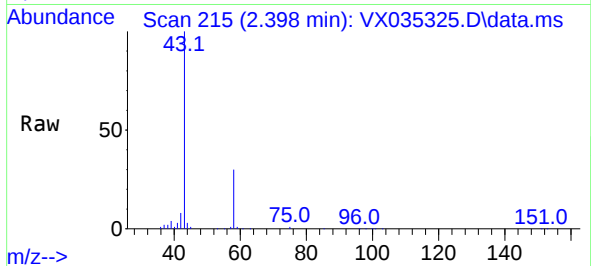




#13
Acetone
Concen: 84.896 ug/L
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035325.D
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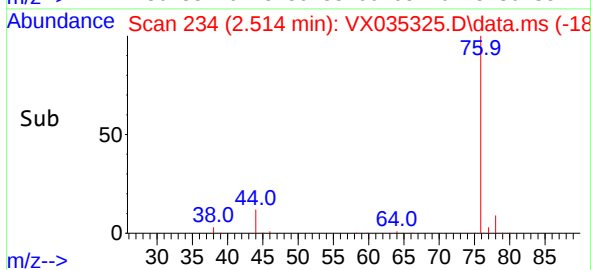
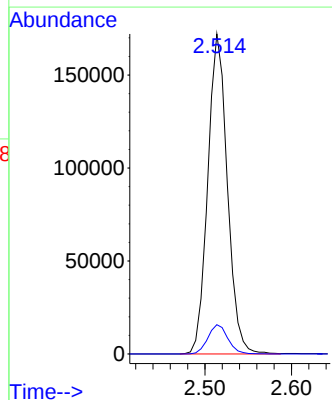
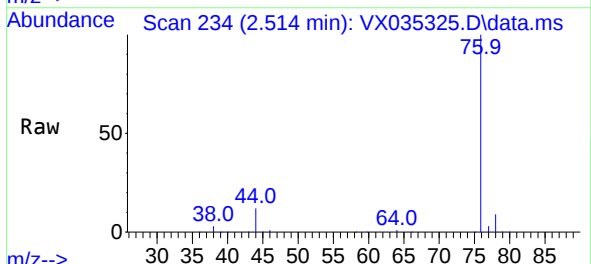
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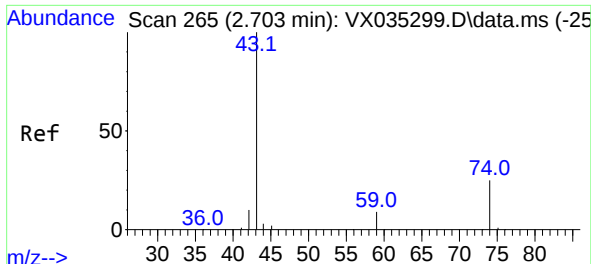
Tgt Ion: 43 Resp: 108579
Ion Ratio Lower Upper
43 100
58 32.6 0.0 62.0



#14
Carbon disulfide
Concen: 45.677 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion: 76 Resp: 270573
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

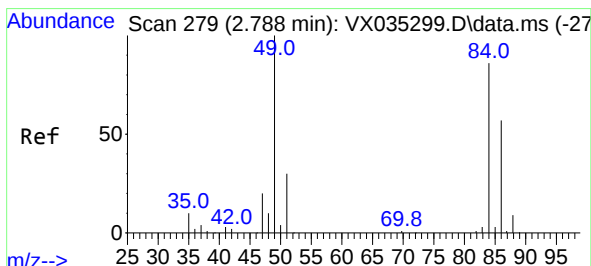
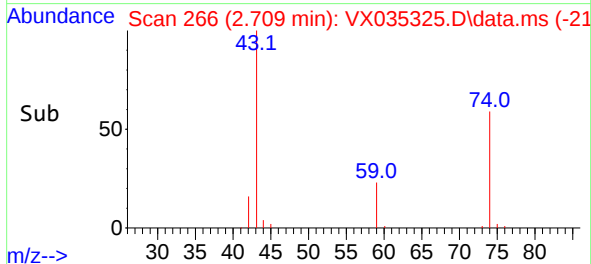
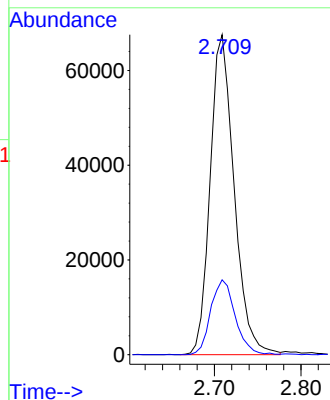
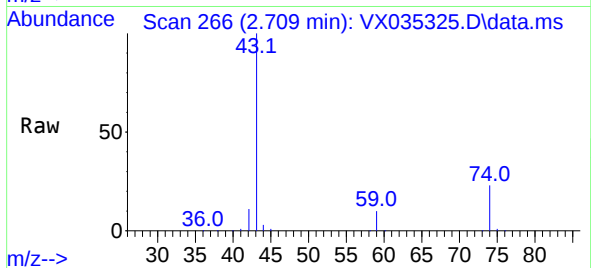




#15
Methyl Acetate
Concen: 47.454 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

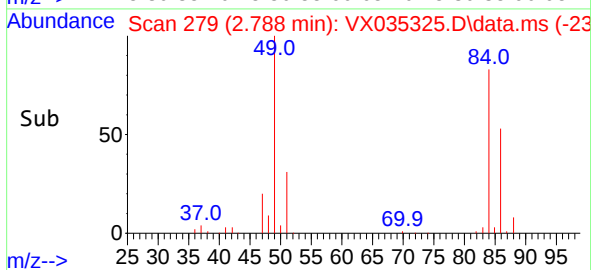
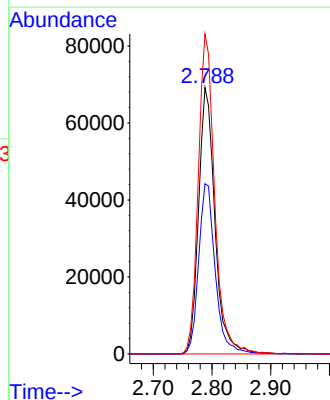
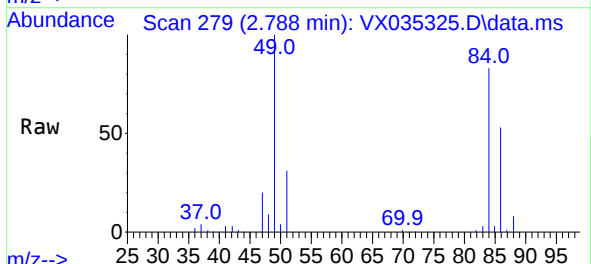
Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

Tgt Ion: 43 Resp: 130012
Ion Ratio Lower Upper
43 100
74 23.7 18.2 27.4

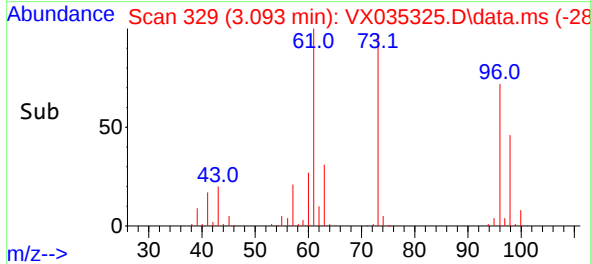
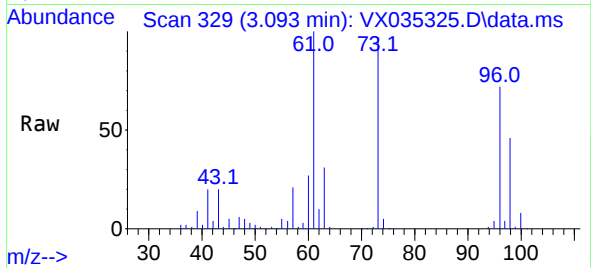
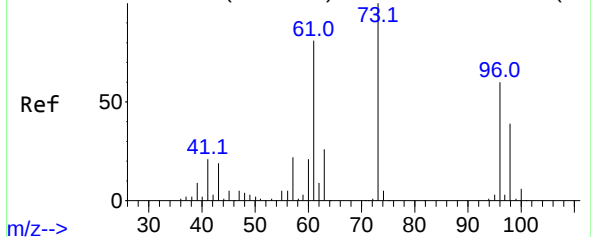


#16
Methylene chloride
Concen: 50.337 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion: 84 Resp: 134379
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 120.1 88.7 164.7



Abundance Scan 329 (3.093 min): VX035299.D\data.ms (-32



#17

trans-1,2-Dichloroethene
Concen: 49.675 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

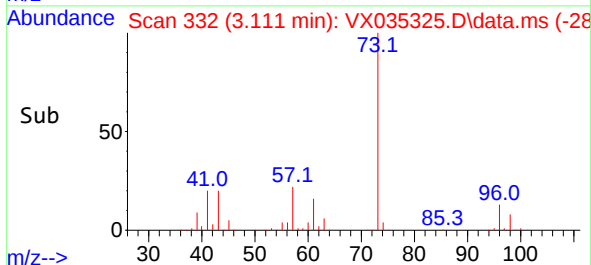
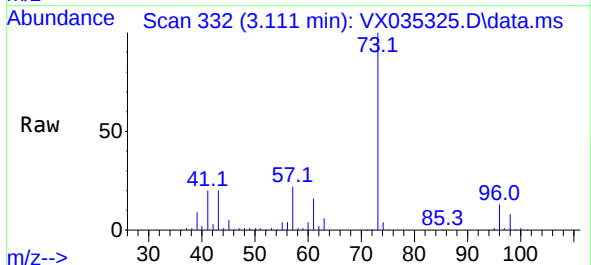
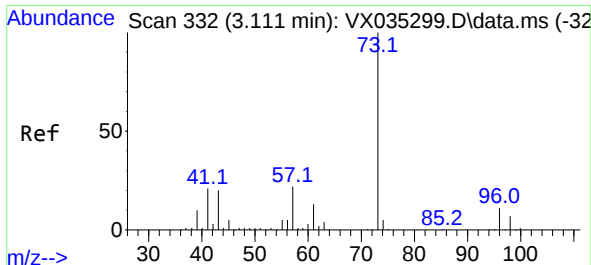
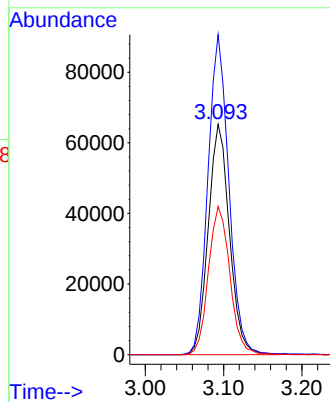
Instrument :

MSVOA_X

ClientSampleId :

VSTD050638

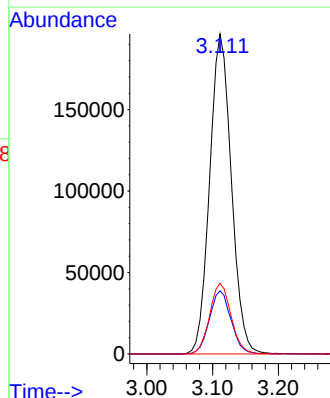
Tgt Ion:	96	Resp:	122642
Ion	Ratio	Lower	Upper
96	100		
61	138.9	98.8	183.4
98	64.4	44.4	82.4

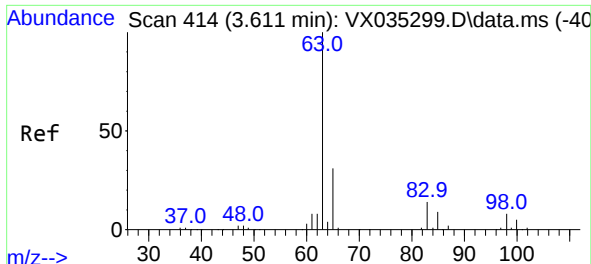


#18

Methyl tert-butyl Ether
Concen: 52.803 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion:	73	Resp:	450838
Ion	Ratio	Lower	Upper
73	100		
43	19.6	16.6	25.0
57	21.7	17.5	26.3





#19

1,1-Dichloroethane

Concen: 51.016 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD050638

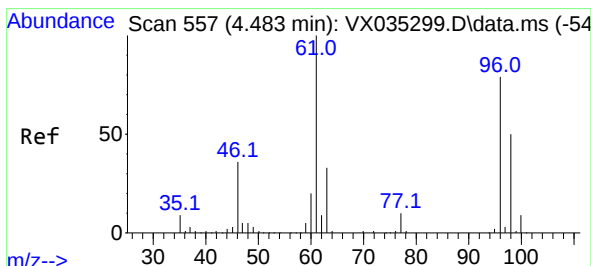
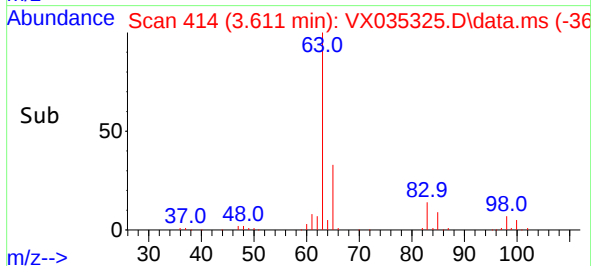
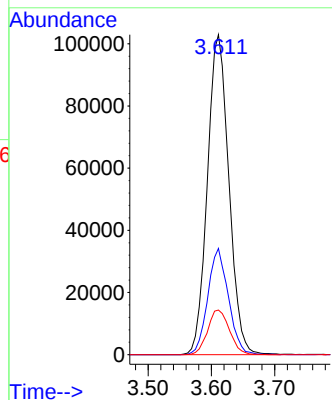
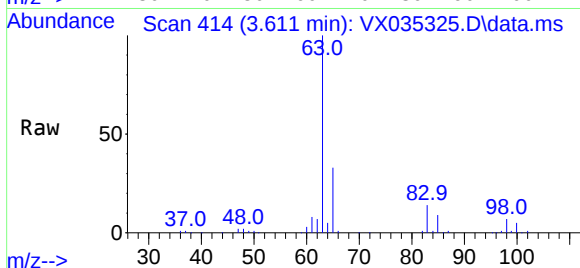
Tgt Ion: 63 Resp: 242794

Ion Ratio Lower Upper

63 100

65 33.2 22.8 42.4

83 14.0 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 51.102 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

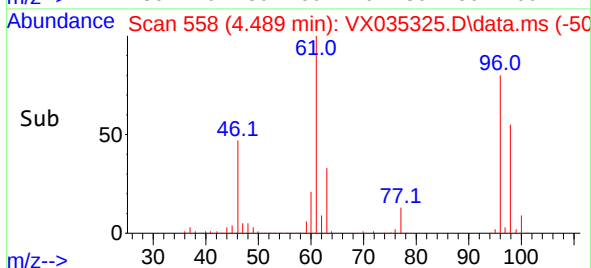
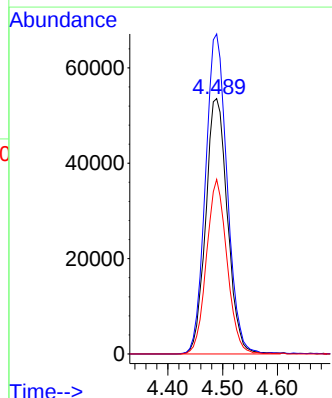
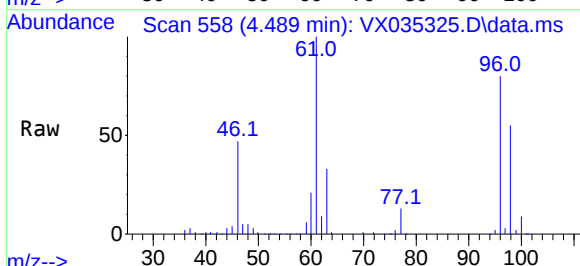
Tgt Ion: 96 Resp: 147506

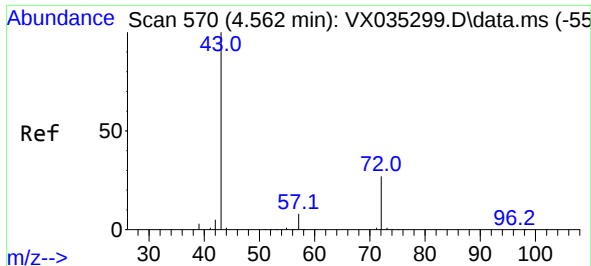
Ion Ratio Lower Upper

96 100

61 125.3 87.8 163.2

98 68.4 46.3 86.1

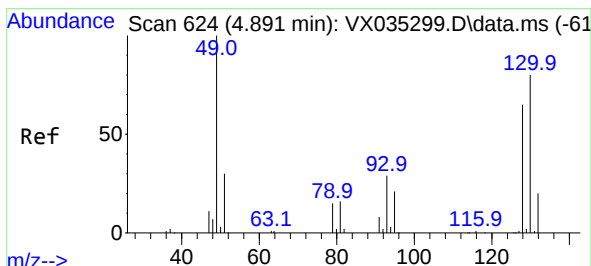
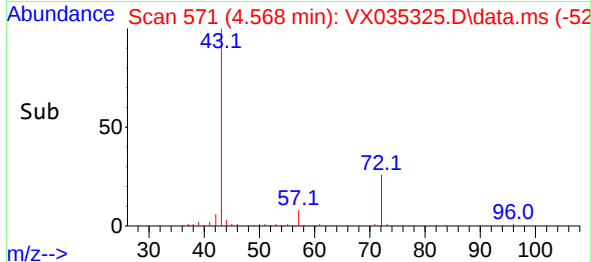
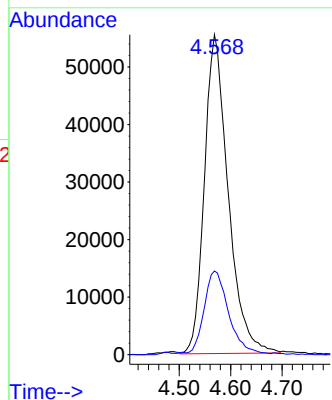
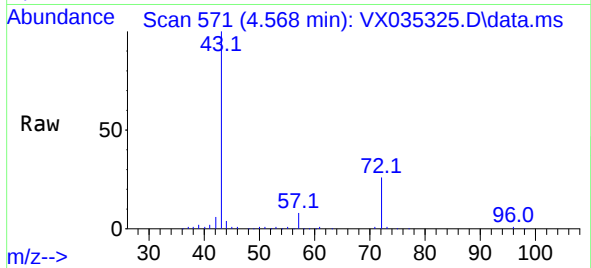




#22
2-Butanone
Concen: 90.694 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

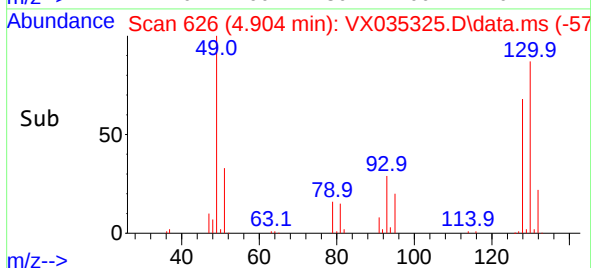
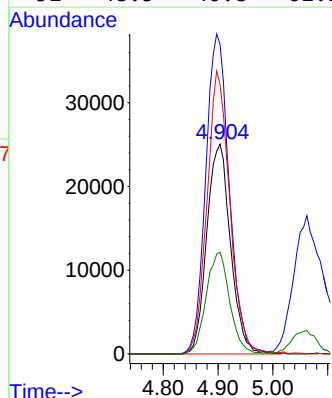
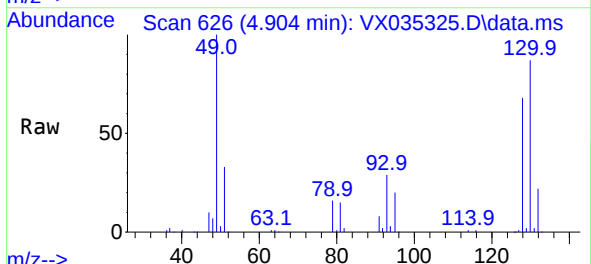
Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

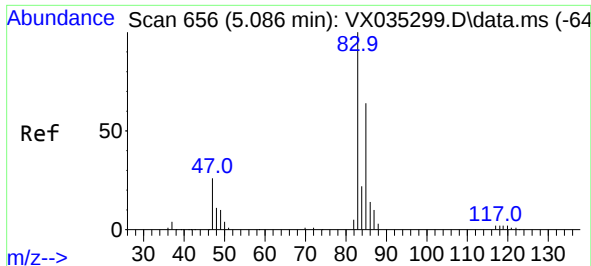
Tgt Ion: 43 Resp: 178043
Ion Ratio Lower Upper
43 100
72 27.0 12.4 37.2



#23
Bromochloromethane
Concen: 52.596 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.012 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion: 128 Resp: 75194
Ion Ratio Lower Upper
128 100
49 147.4 115.9 215.3
130 128.2 88.9 165.1
51 48.5 40.8 61.2





#25

Chloroform

Concen: 52.532 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

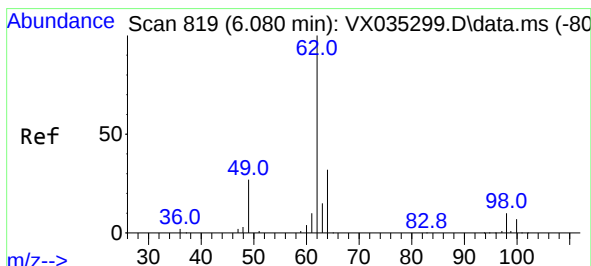
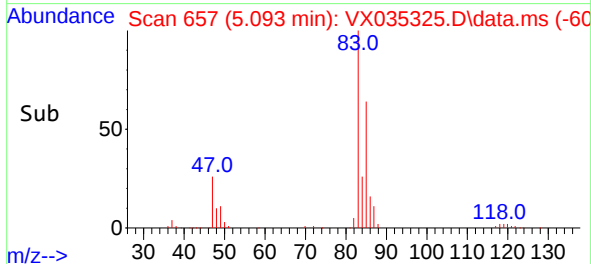
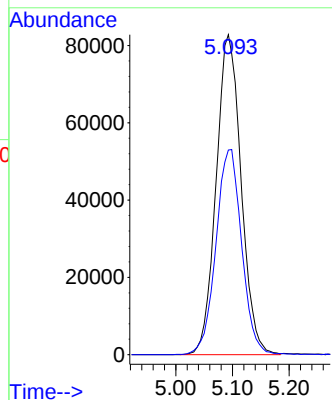
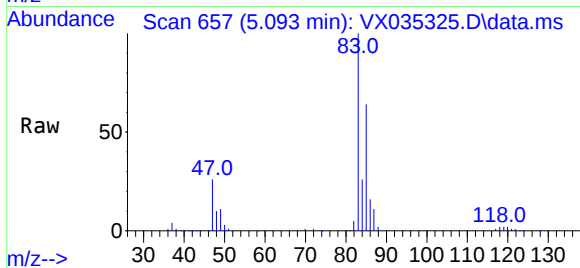
VSTD050638

Tgt Ion: 83 Resp: 253481

Ion Ratio Lower Upper

83 100

85 64.0 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.271 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX035325.D

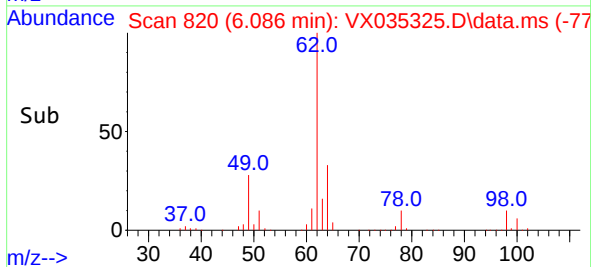
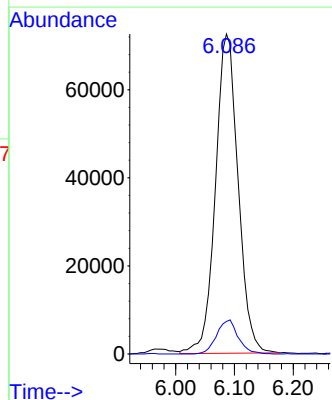
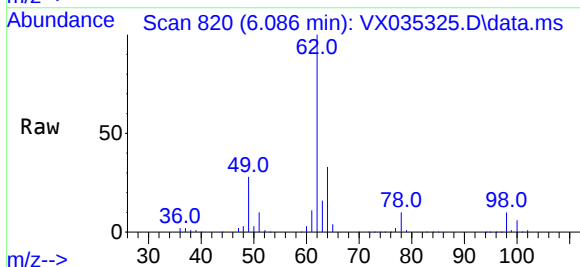
Acq: 26 Apr 2023 19:49

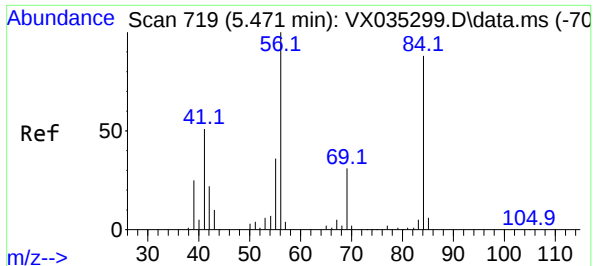
Tgt Ion: 62 Resp: 194286

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

Cyclohexane

Concen: 51.030 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD050638

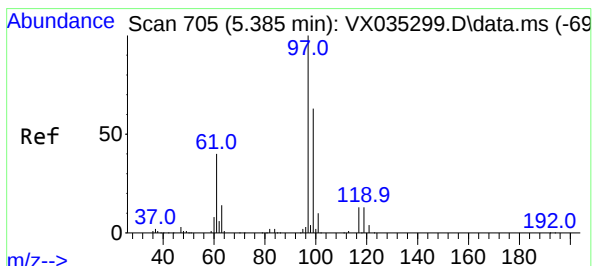
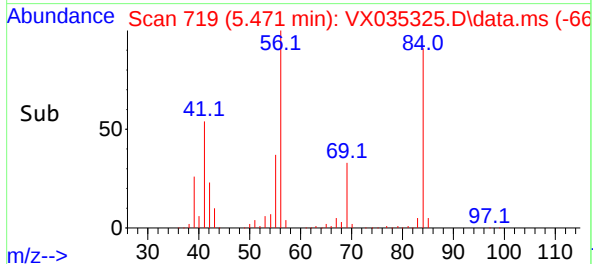
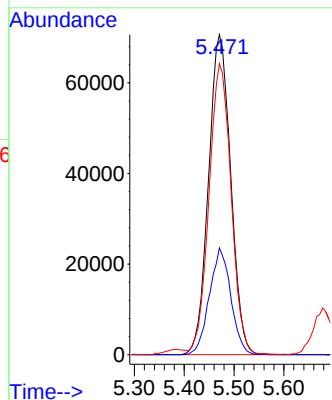
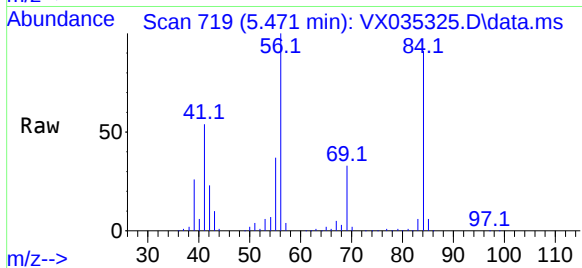
Tgt Ion: 56 Resp: 218808

Ion Ratio Lower Upper

56 100

69 32.1 25.1 37.7

84 90.4 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 52.249 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

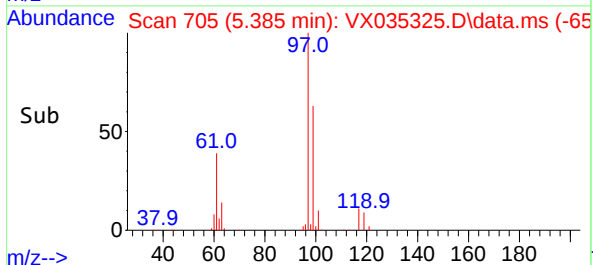
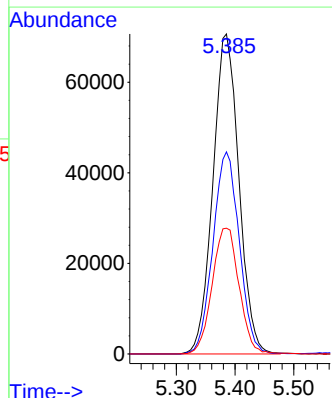
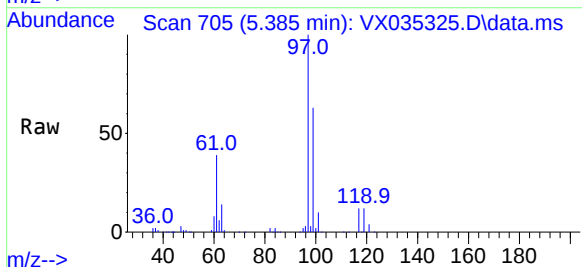
Tgt Ion: 97 Resp: 217461

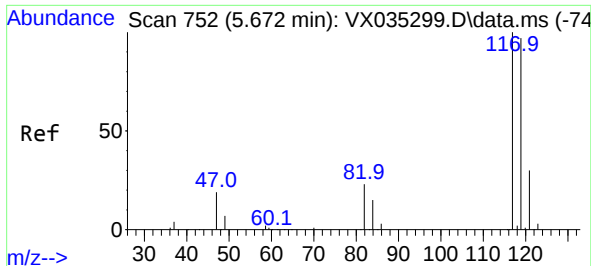
Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

61 40.7 34.9 52.3

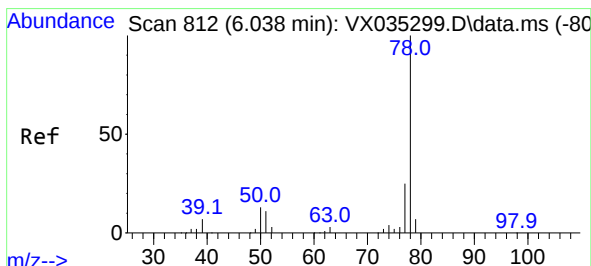
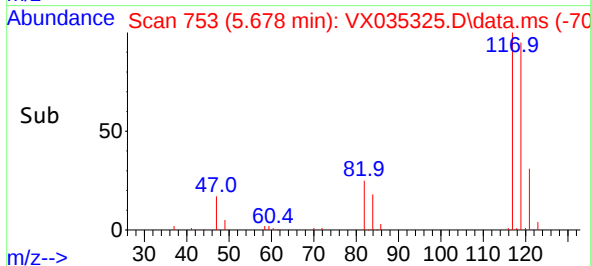
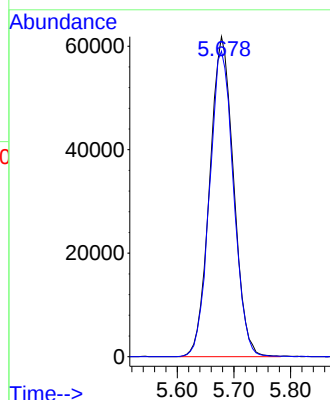
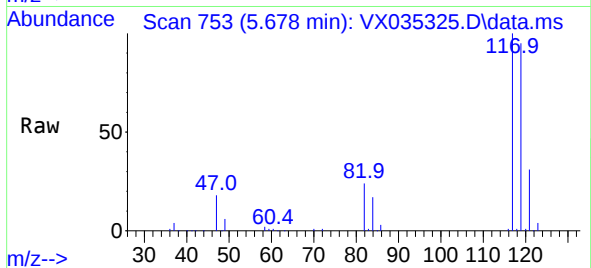




#31
Carbon tetrachloride
Concen: 51.275 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

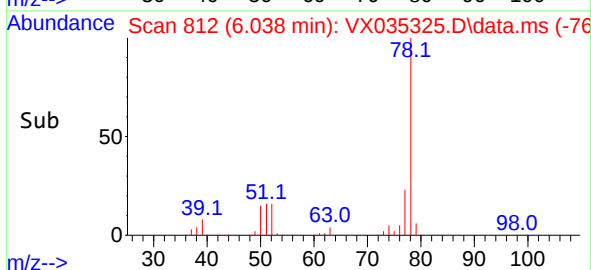
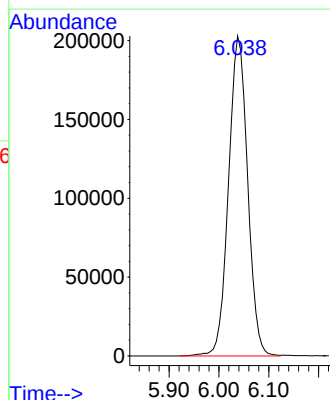
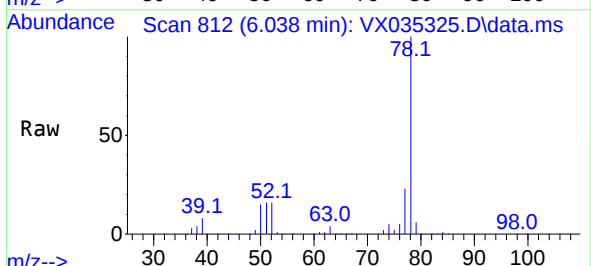
Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

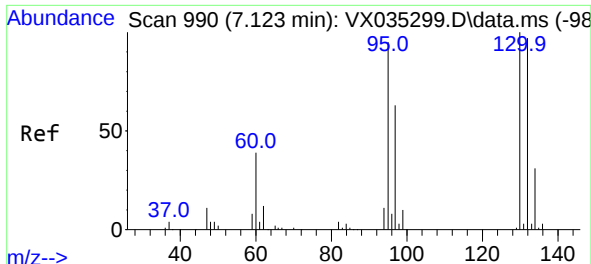
Tgt Ion:117 Resp: 180963
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7



#33
Benzene
Concen: 50.209 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion: 78 Resp: 539588



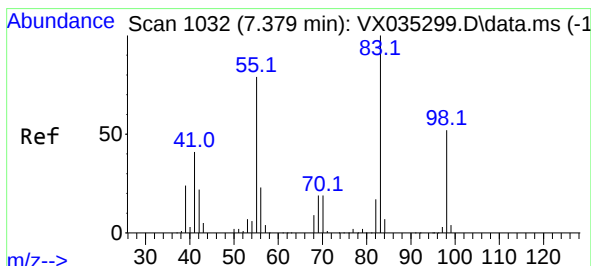
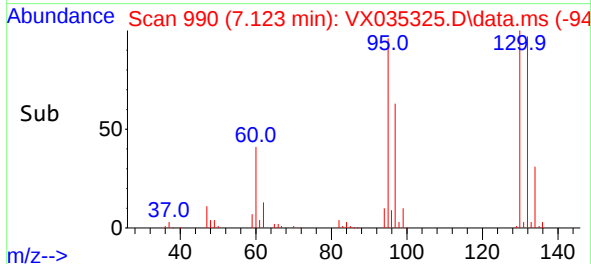
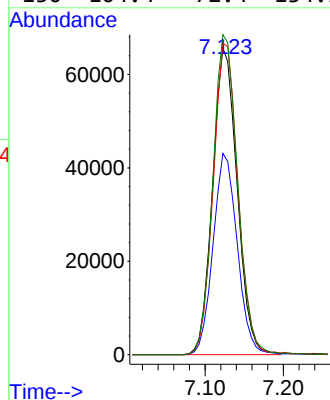
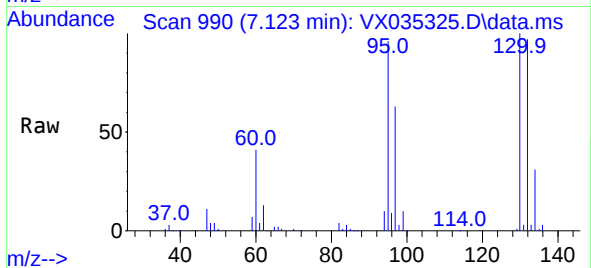


#34
Trichloroethene
Concen: 49.985 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

Tgt Ion: 95 Resp: 142895

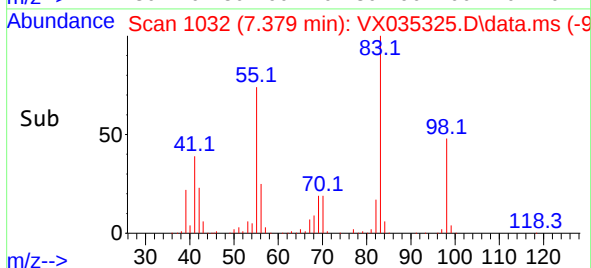
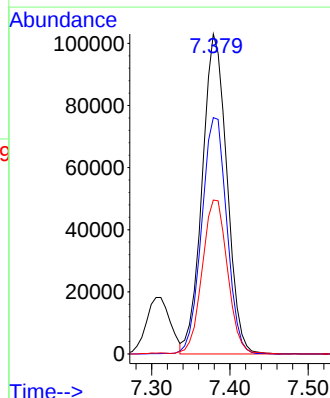
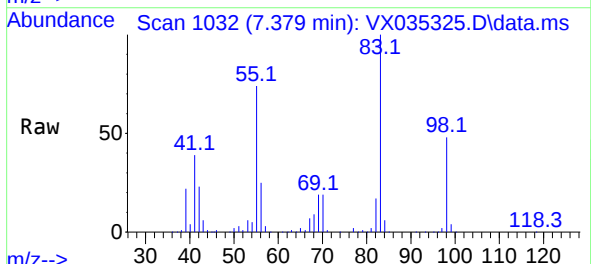
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.6	84.8
132	101.5	69.7	129.4
130	104.4	72.4	134.5

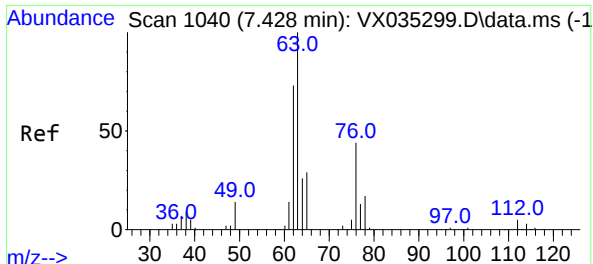


#35
Methylcyclohexane
Concen: 58.607 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion: 83 Resp: 225633

Ion	Ratio	Lower	Upper
83	100		
55	75.0	62.2	93.2
98	49.4	39.3	58.9





#37

1,2-Dichloropropane

Concen: 51.090 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

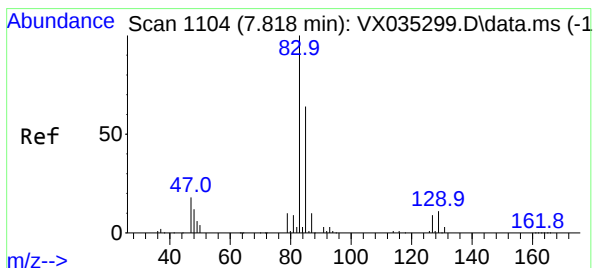
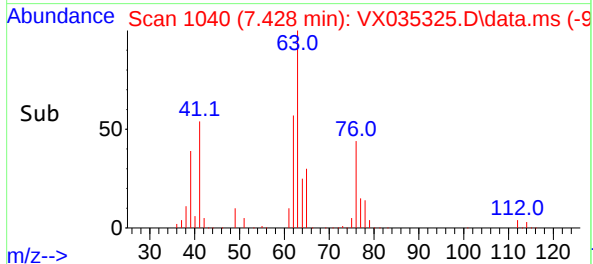
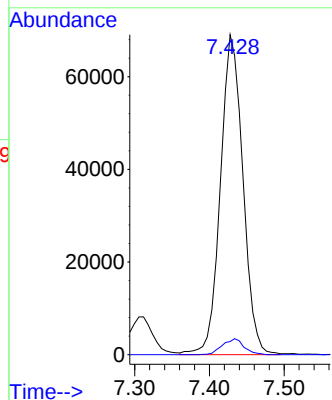
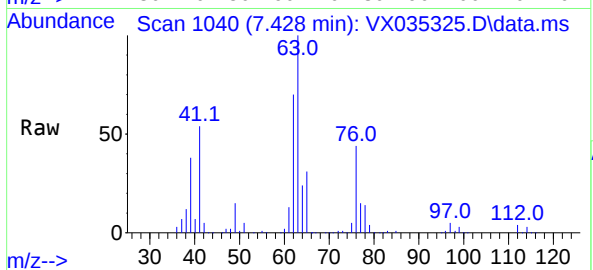
VSTD050638

Tgt Ion: 63 Resp: 144554

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 51.401 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

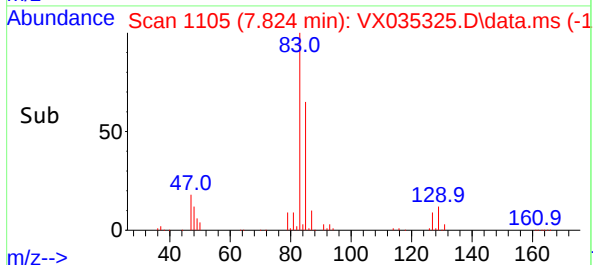
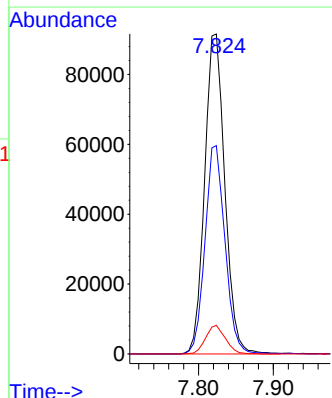
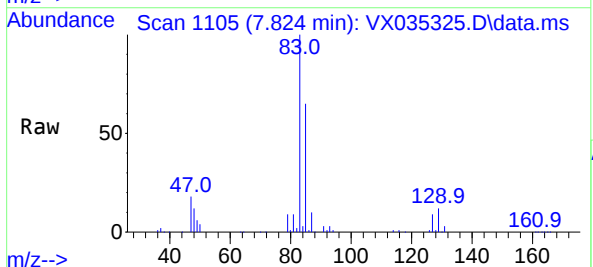
Tgt Ion: 83 Resp: 171838

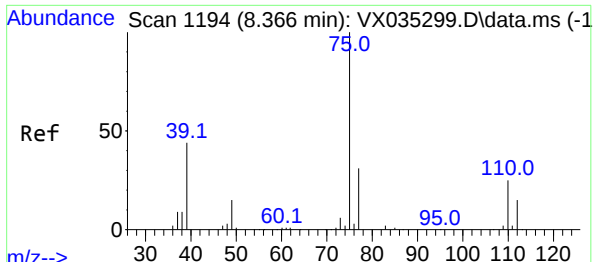
Ion Ratio Lower Upper

83 100

85 65.1 44.7 82.9

127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 53.405 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

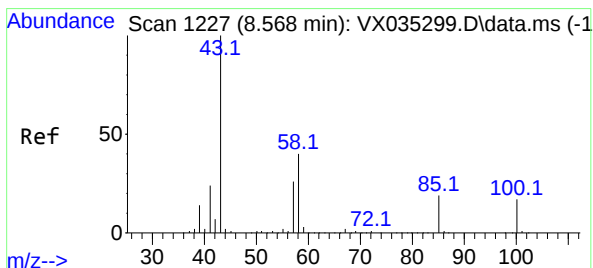
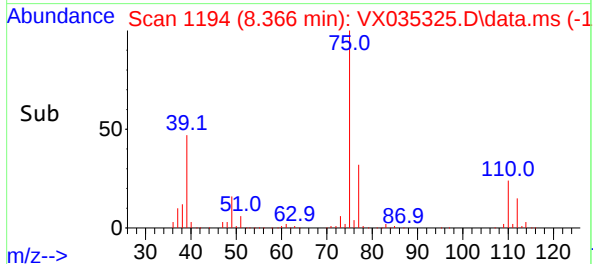
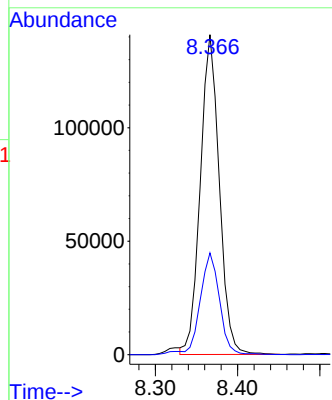
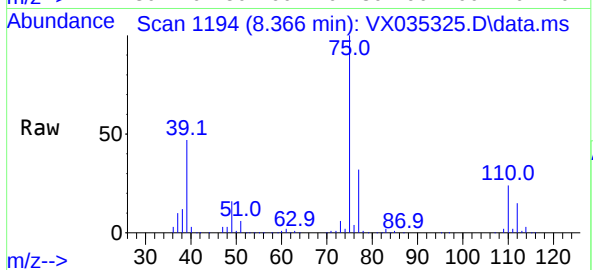
VSTD050638

Tgt Ion: 75 Resp: 225938

Ion Ratio Lower Upper

75 100

77 31.8 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 96.770 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

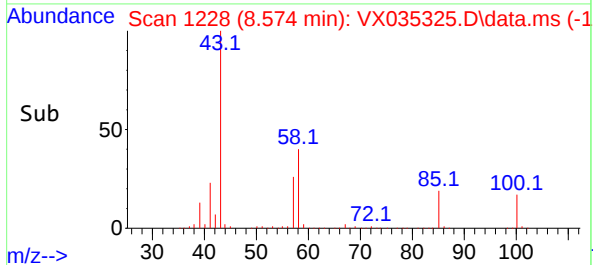
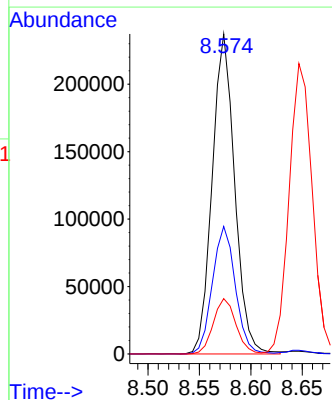
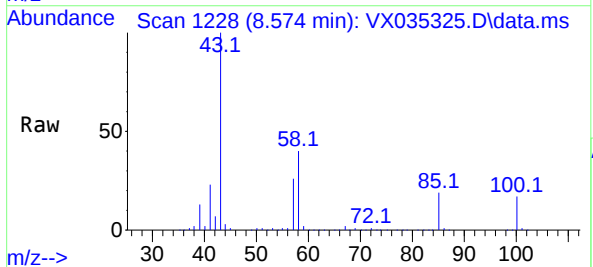
Tgt Ion: 43 Resp: 360936

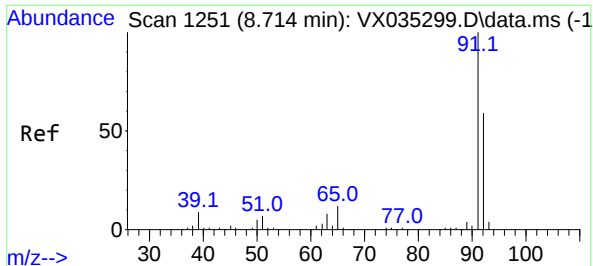
Ion Ratio Lower Upper

43 100

58 40.6 31.5 47.3

100 17.4 12.8 19.2





#42

Toluene

Concen: 51.653 ug/L

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

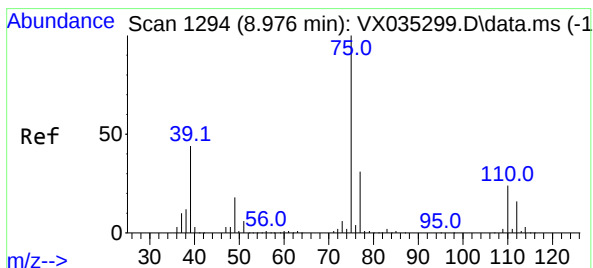
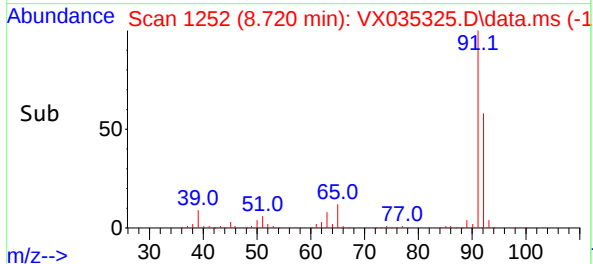
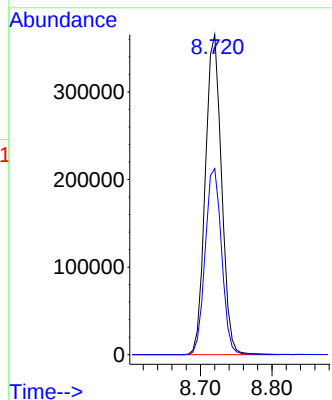
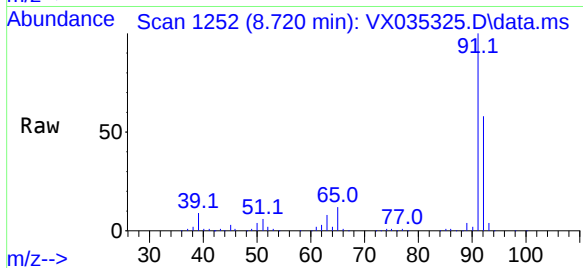
VSTD050638

Tgt Ion: 91 Resp: 575922

Ion Ratio Lower Upper

91 100

92 58.1 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 53.313 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035325.D

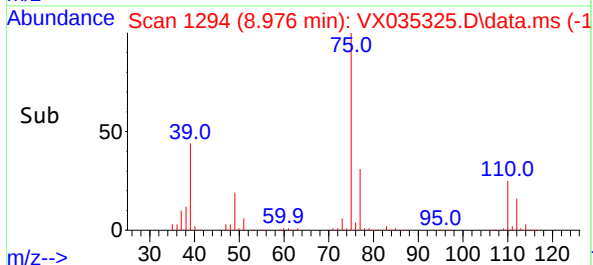
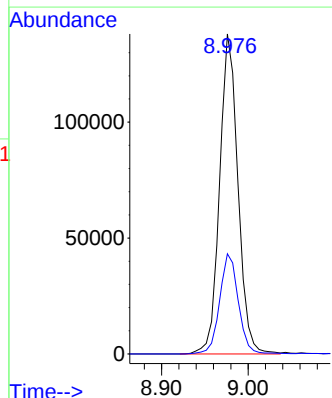
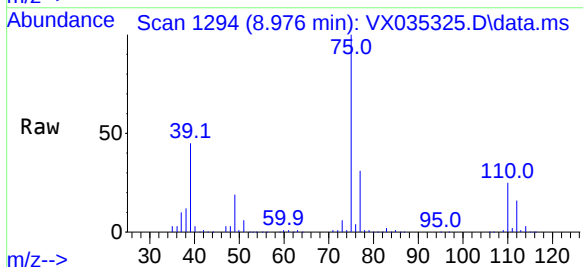
Acq: 26 Apr 2023 19:49

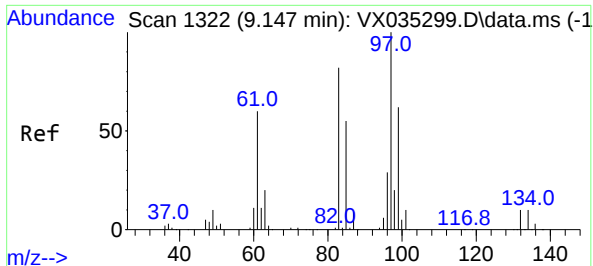
Tgt Ion: 75 Resp: 203227

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8



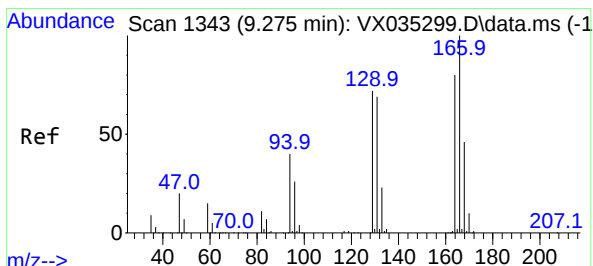
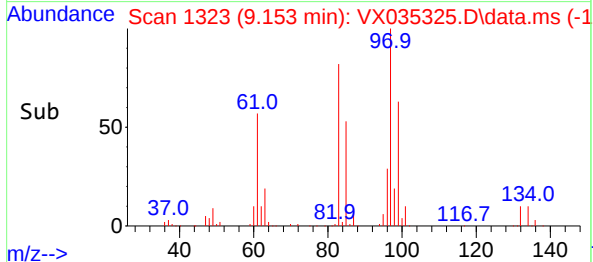
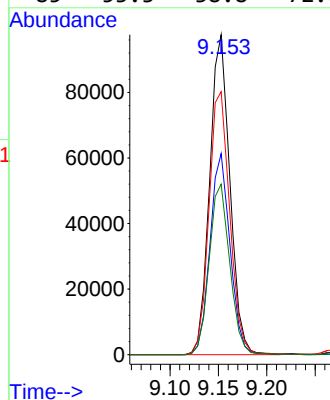
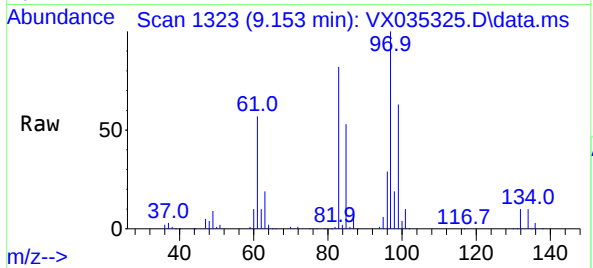


#45
1,1,2-Trichloroethane
Concen: 52.871 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

Tgt Ion: 97 Resp: 141953

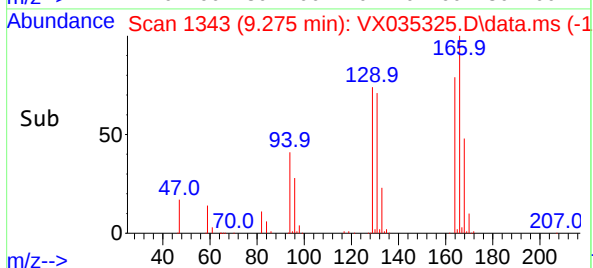
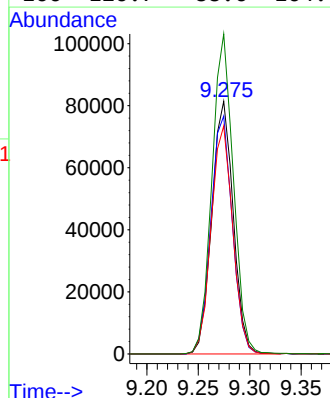
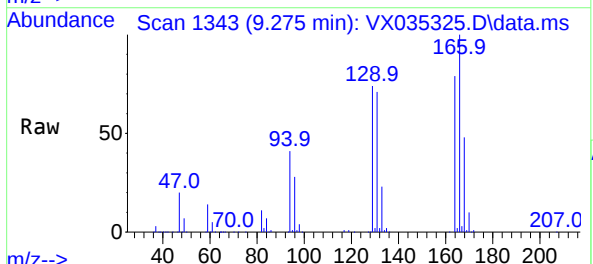
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.8	81.4
83	82.2	59.8	111.0
85	53.3	38.8	72.0

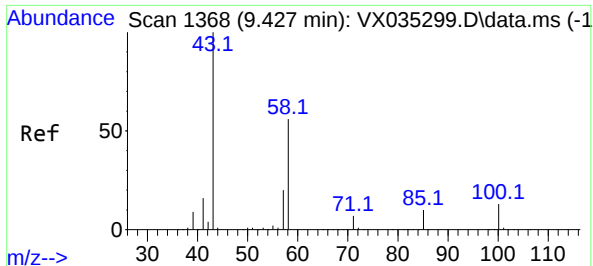


#46
Tetrachloroethene
Concen: 55.214 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion: 164 Resp: 117578

Ion	Ratio	Lower	Upper
164	100		
129	94.2	66.1	122.8
131	90.3	65.0	120.8
166	126.7	88.6	164.6



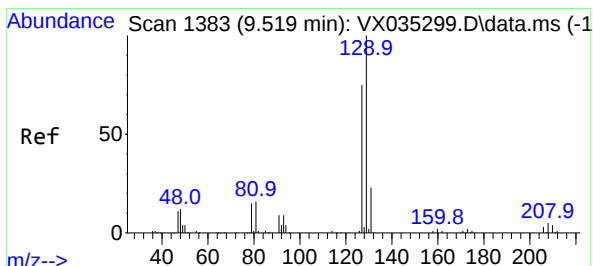
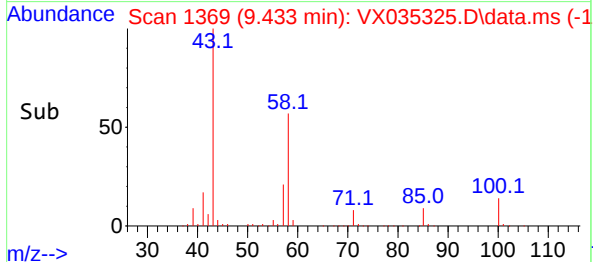
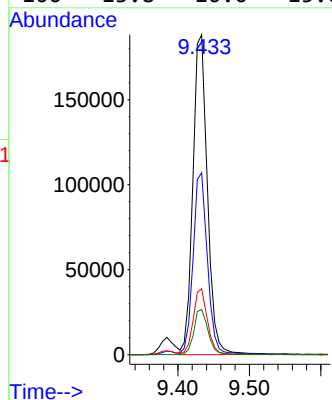
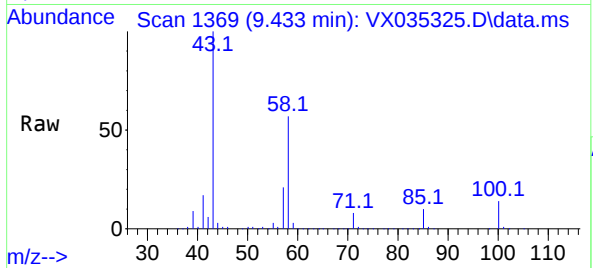


#48
2-Hexanone
Concen: 94.077 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

Tgt Ion: 43 Resp: 266414

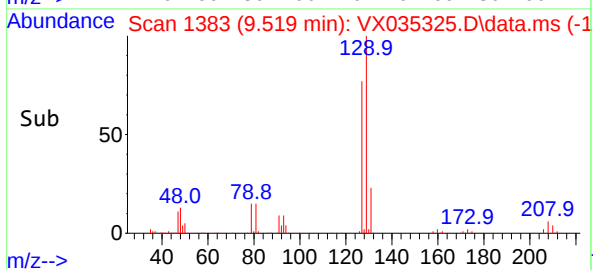
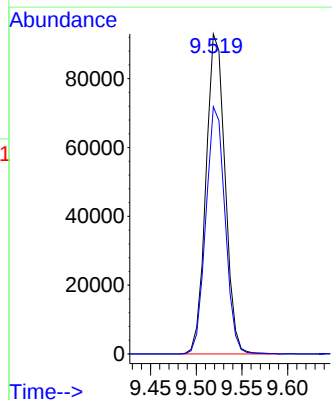
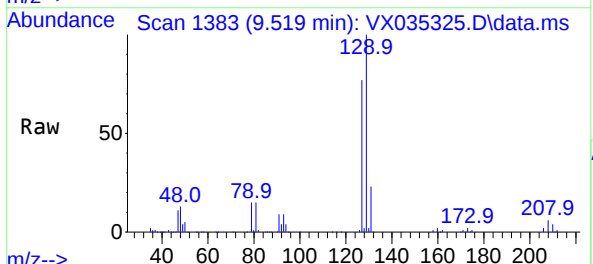
Ion	Ratio	Lower	Upper
43	100		
58	56.3	43.2	64.8
57	20.2	15.4	23.0
100	13.8	10.0	15.0

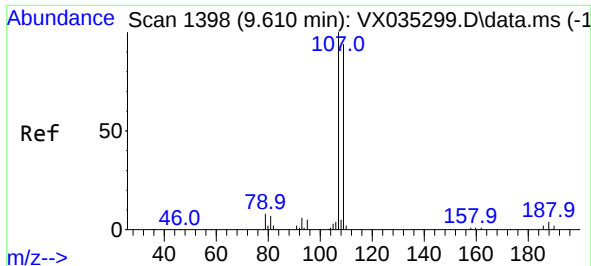


#49
Dibromochloromethane
Concen: 52.752 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion: 129 Resp: 134602

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.8	101.8

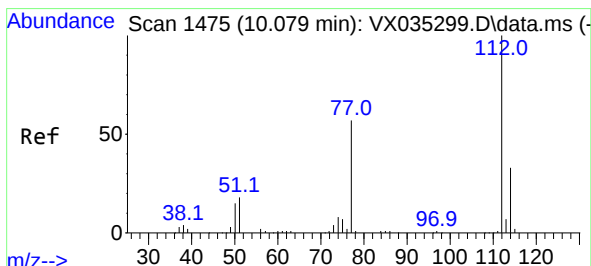
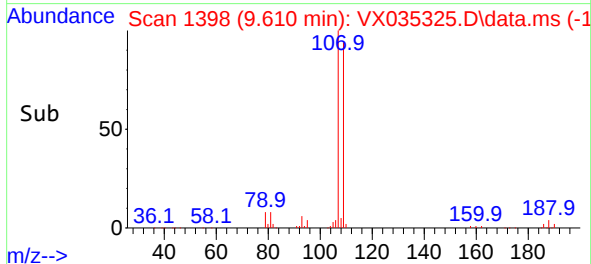
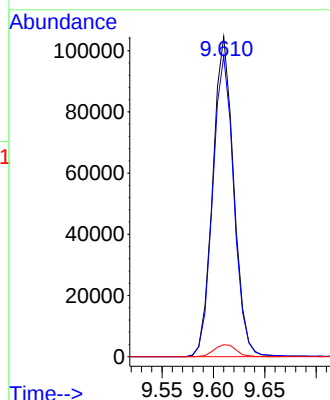
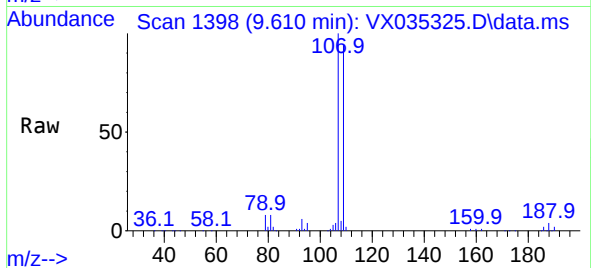




#50
1,2-Dibromoethane
Concen: 52.973 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

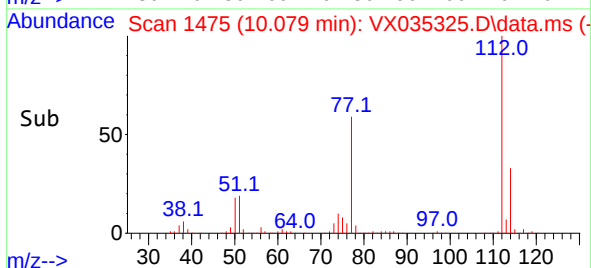
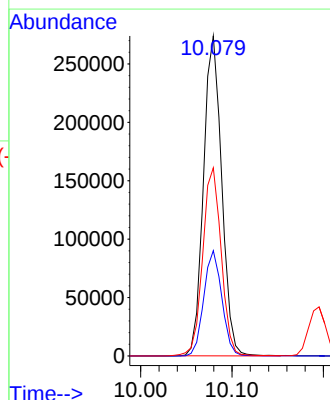
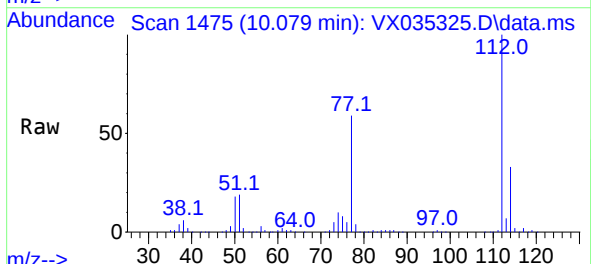
Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

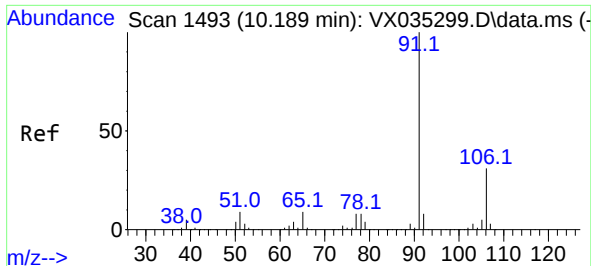
Tgt Ion:107 Resp: 147992
Ion Ratio Lower Upper
107 100
109 93.9 65.6 121.8
188 3.8 3.3 4.9



#51
Chlorobenzene
Concen: 51.483 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion:112 Resp: 378176
Ion Ratio Lower Upper
112 100
114 32.9 22.4 41.6
77 58.8 47.0 70.6





#52

Ethylbenzene

Concen: 53.475 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

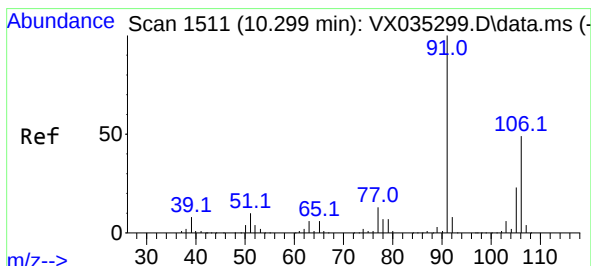
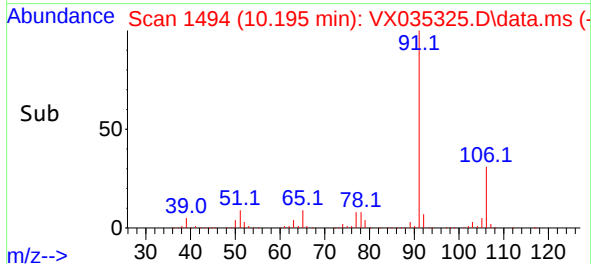
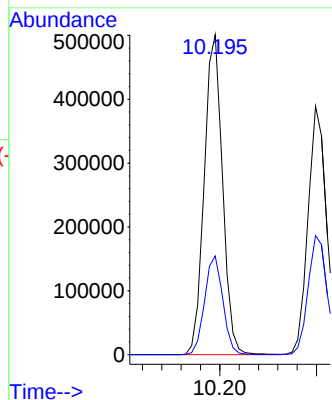
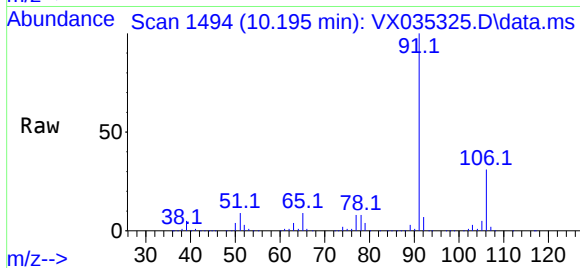
VSTD050638

Tgt Ion: 91 Resp: 659104

Ion Ratio Lower Upper

91 100

106 30.8 22.6 42.0



#53

m,p-Xylene

Concen: 53.648 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035325.D

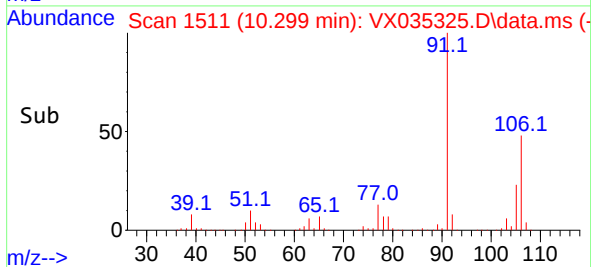
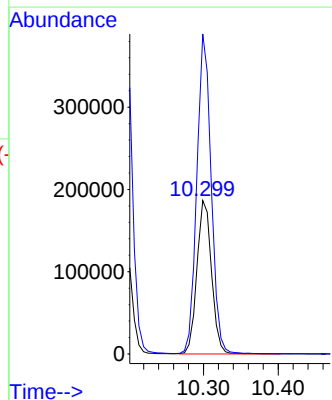
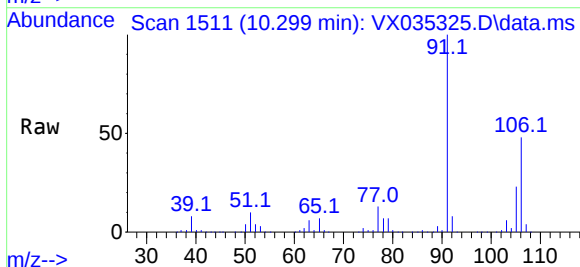
Acq: 26 Apr 2023 19:49

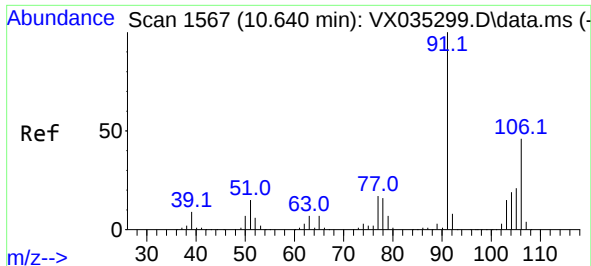
Tgt Ion:106 Resp: 253207

Ion Ratio Lower Upper

106 100

91 208.6 142.7 264.9

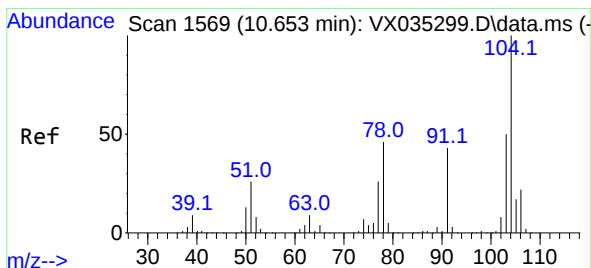
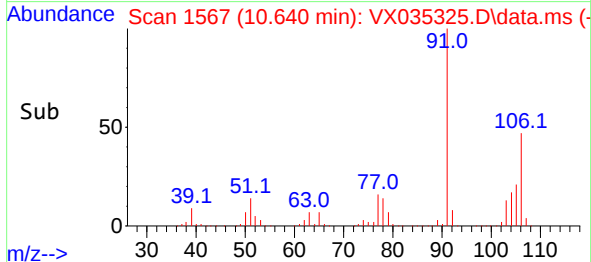
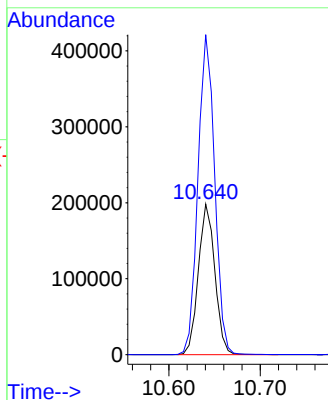
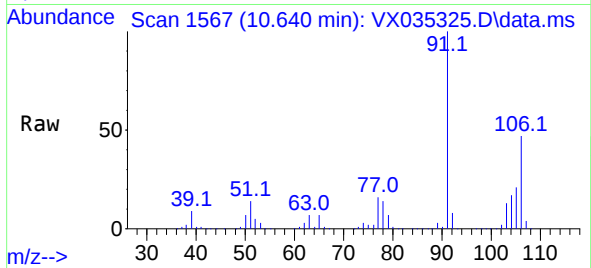




#54
o-Xylene
Concen: 53.574 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

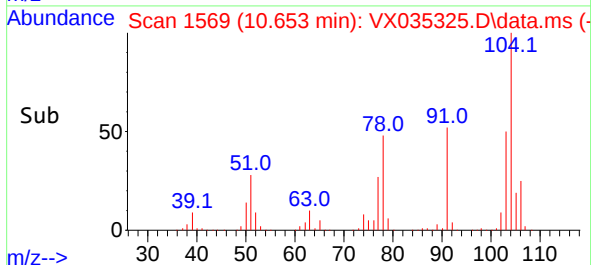
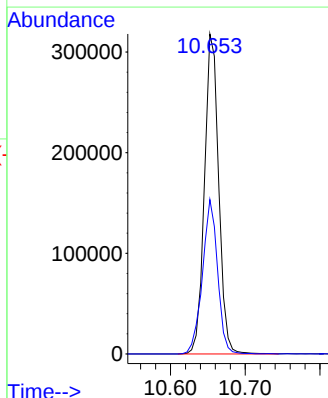
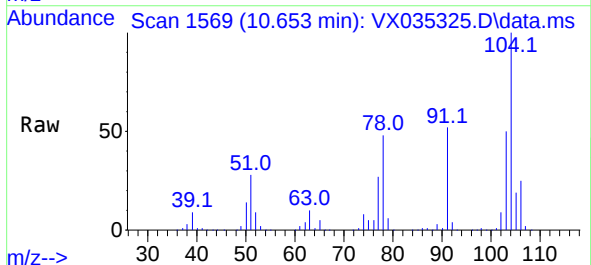
Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

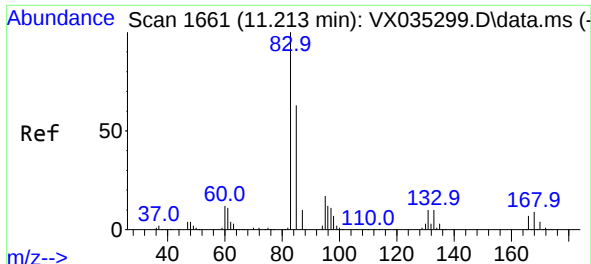
Tgt Ion:106 Resp: 248599
Ion Ratio Lower Upper
106 100
91 212.5 153.9 285.7



#55
Styrene
Concen: 53.471 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion:104 Resp: 420384
Ion Ratio Lower Upper
104 100
78 48.2 33.5 62.3

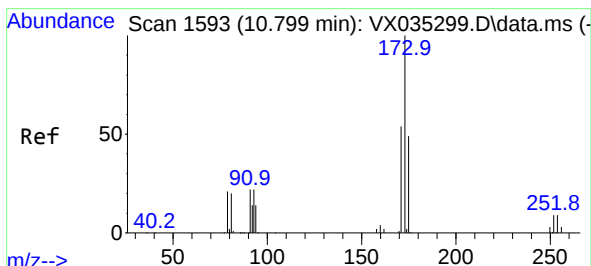
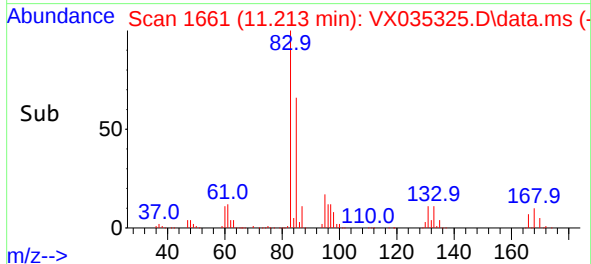
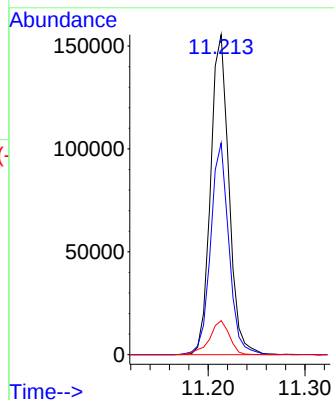
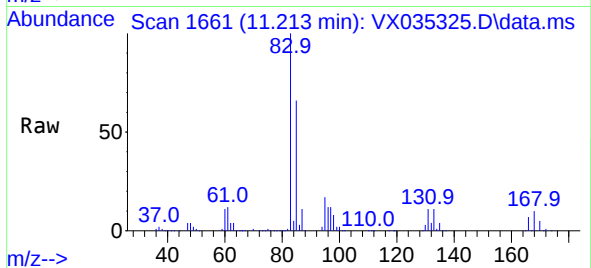




#57
1,1,2,2-Tetrachloroethane
Concen: 51.899 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

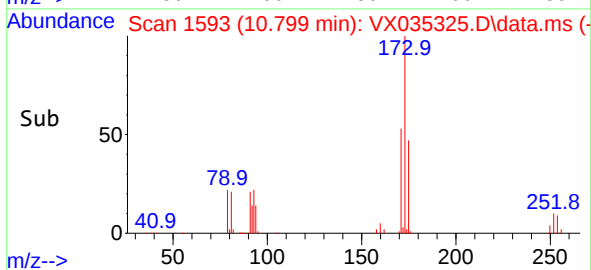
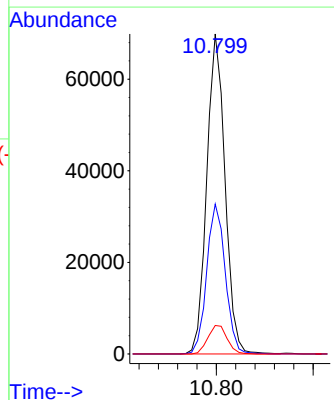
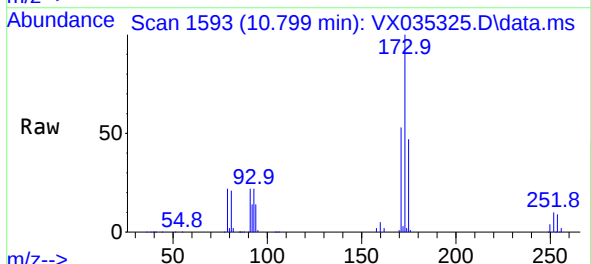
Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

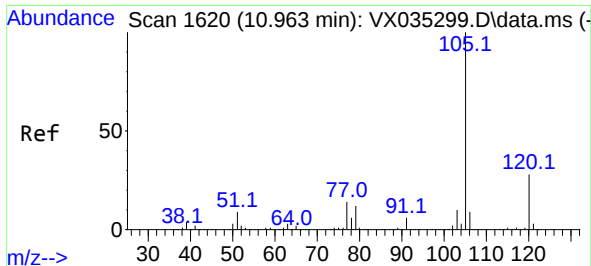
Tgt Ion: 83 Resp: 205358
Ion Ratio Lower Upper
83 100
85 66.2 46.0 85.4
131 10.6 8.3 12.5



#59
Bromoform
Concen: 48.595 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion:173 Resp: 91766
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.4
254 9.4 7.4 11.0

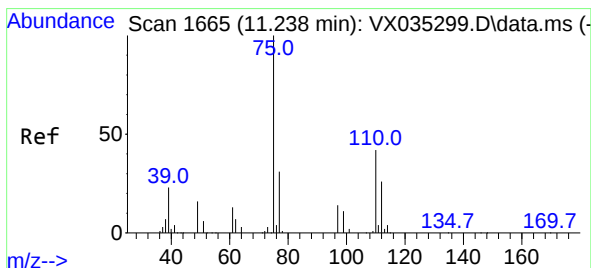
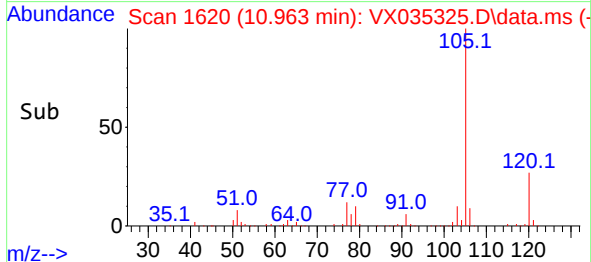
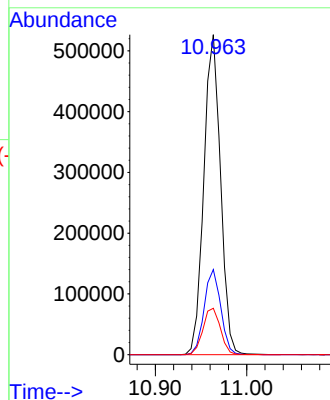
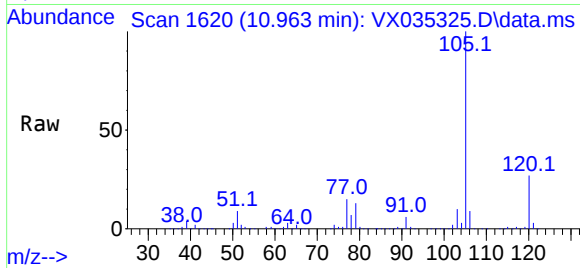




#60
Isopropylbenzene
Concen: 53.395 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

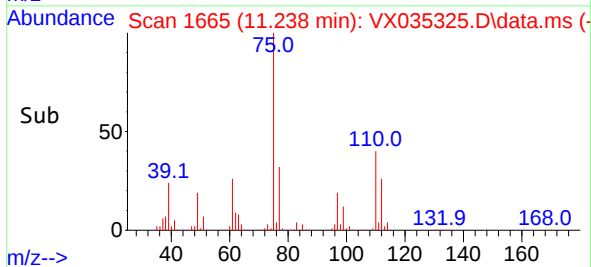
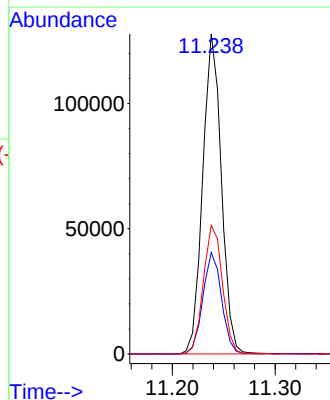
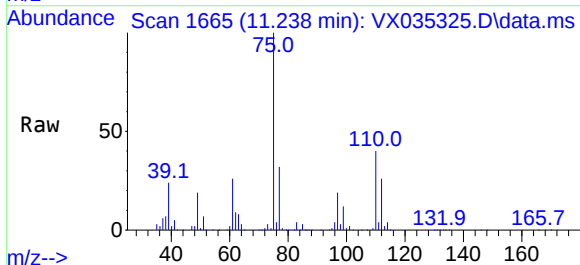
Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

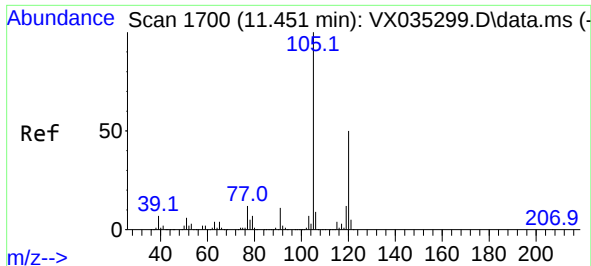
Tgt Ion:105 Resp: 666022
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 15.2 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 47.724 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion: 75 Resp: 161634
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
110 41.1 32.5 48.7

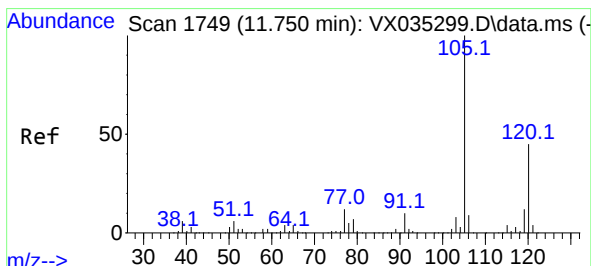
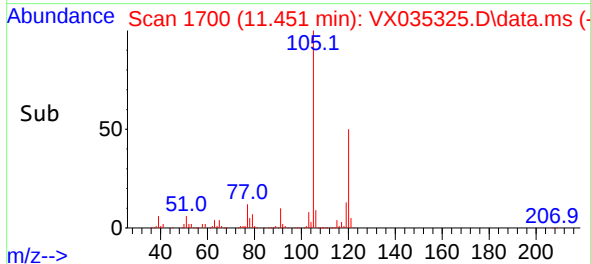
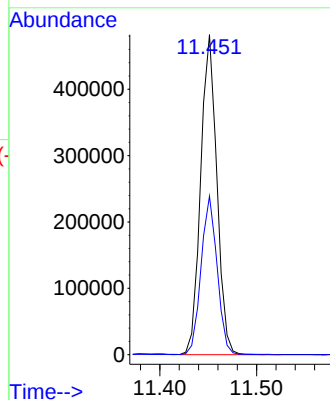
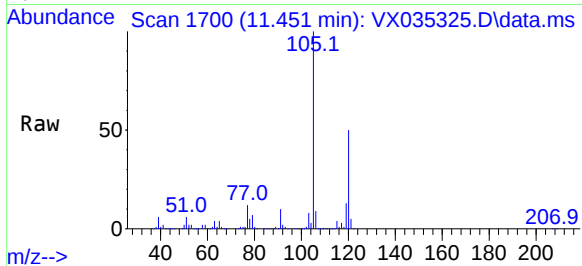




#62
1,3,5-Trimethylbenzene
Concen: 55.212 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

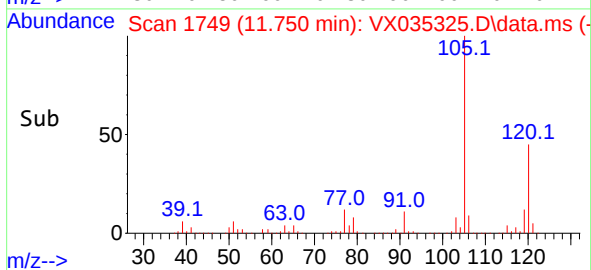
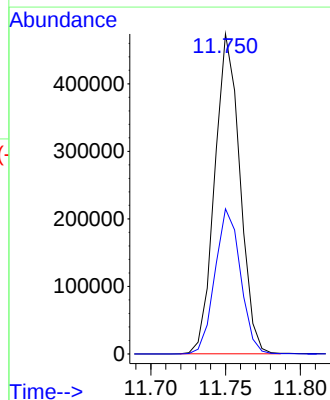
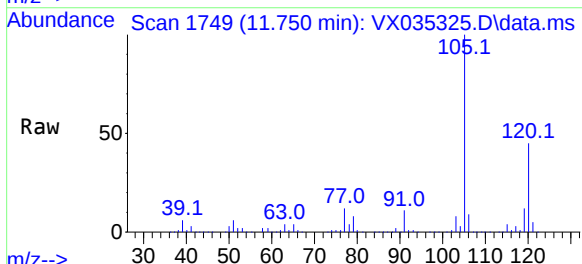
Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

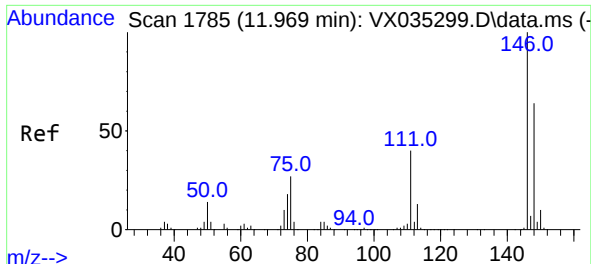
Tgt Ion:105 Resp: 563212
Ion Ratio Lower Upper
105 100
120 49.0 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 54.728 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion:105 Resp: 555122
Ion Ratio Lower Upper
105 100
120 45.9 36.6 55.0

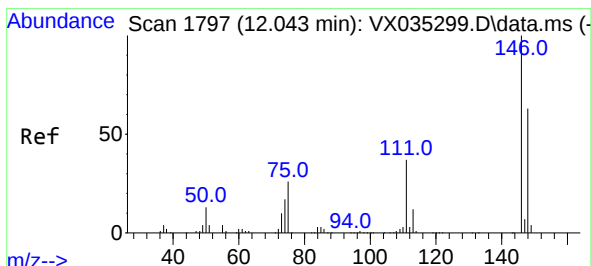
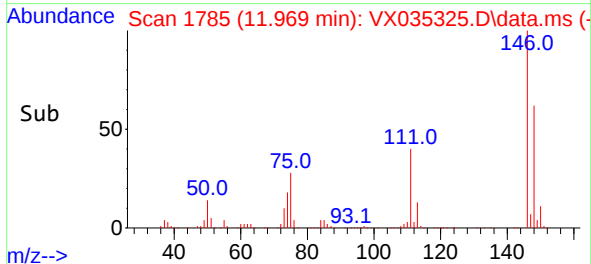
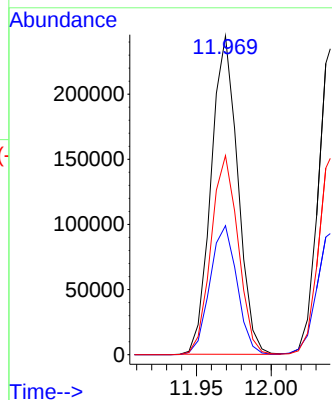
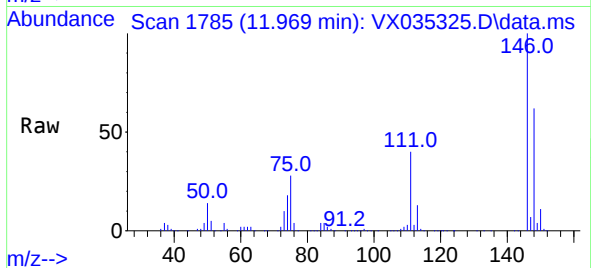




#64
1,3-Dichlorobenzene
Concen: 53.381 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

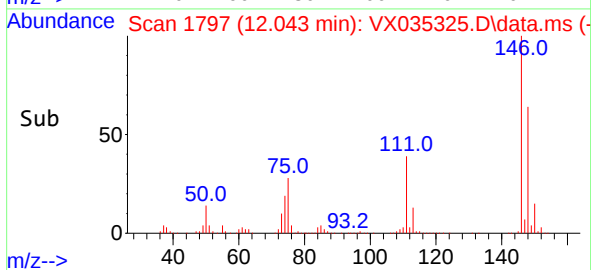
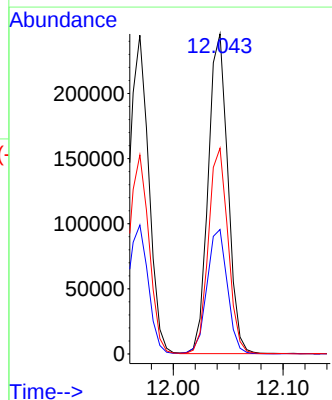
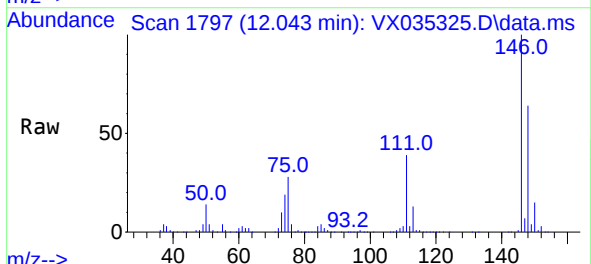
Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

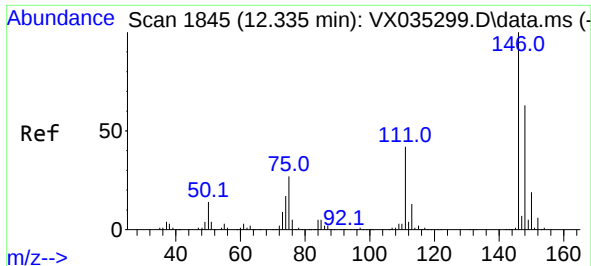
Tgt Ion:146 Resp: 303685
Ion Ratio Lower Upper
146 100
111 40.5 28.9 53.7
148 62.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 52.525 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion:146 Resp: 305764
Ion Ratio Lower Upper
146 100
111 38.9 27.9 51.7
148 64.3 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 52.040 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD050638

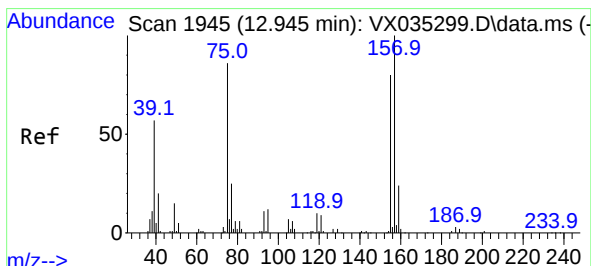
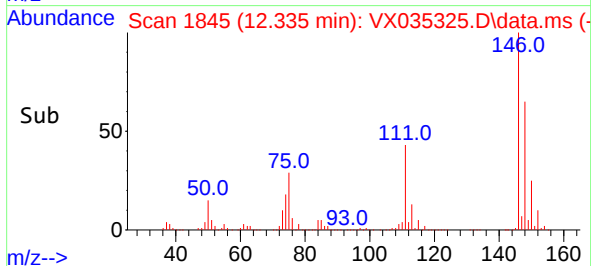
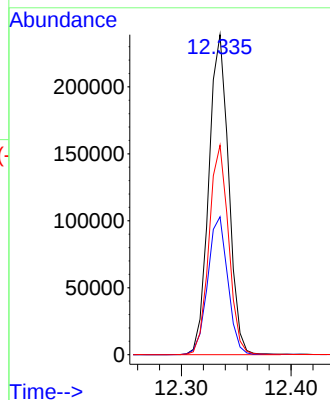
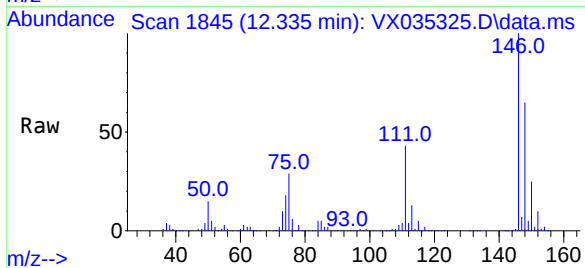
Tgt Ion:146 Resp: 300183

Ion Ratio Lower Upper

146 100

111 43.1 34.7 52.1

148 65.5 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 47.755 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX035325.D

Acq: 26 Apr 2023 19:49

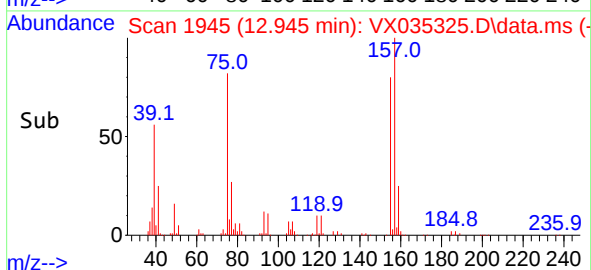
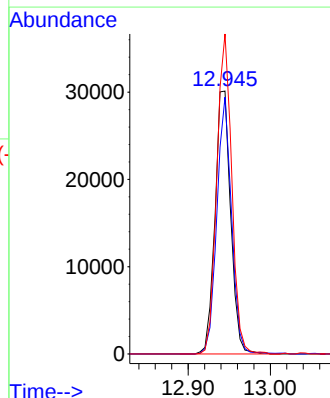
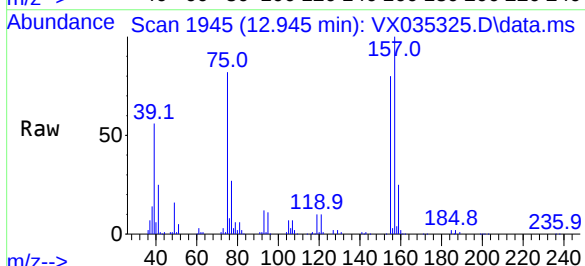
Tgt Ion: 75 Resp: 39910

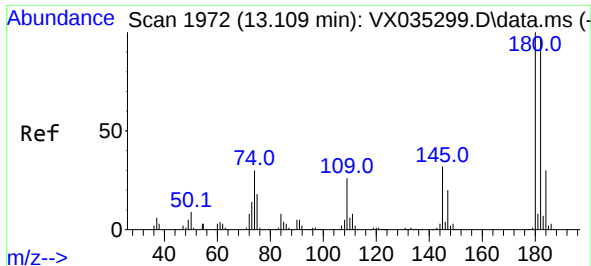
Ion Ratio Lower Upper

75 100

155 97.6 69.9 104.9

157 121.7 90.4 135.6



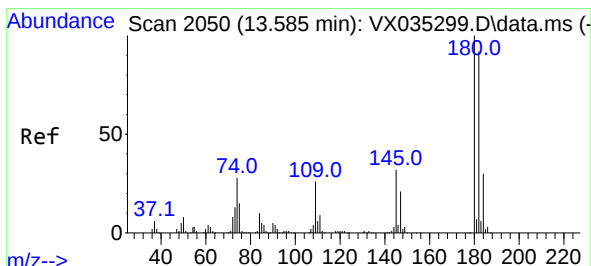
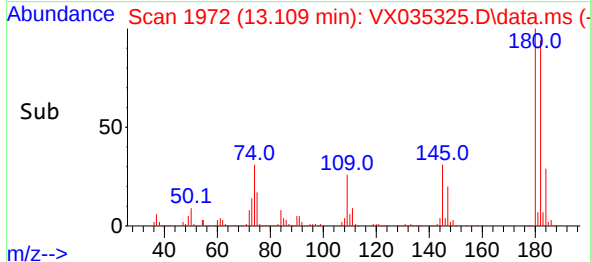
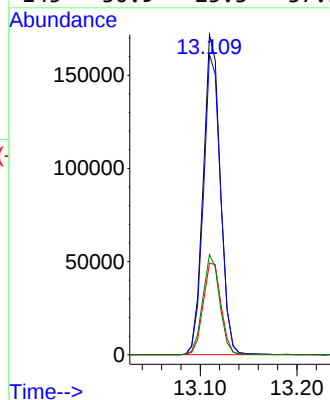
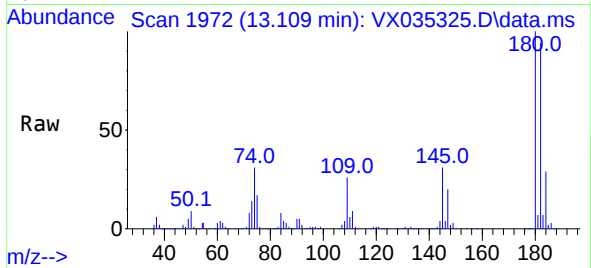


#69
1,3,5-Trichlorobenzene
Concen: 60.005 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

Tgt Ion:180 Resp: 211039

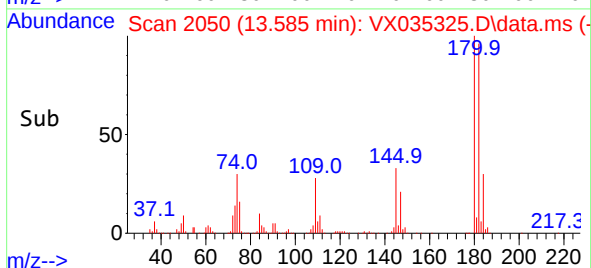
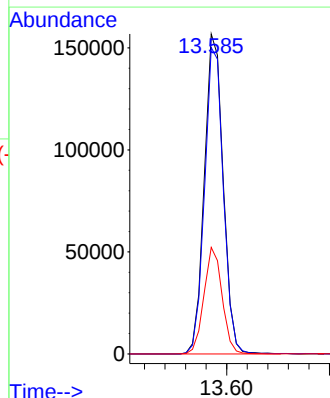
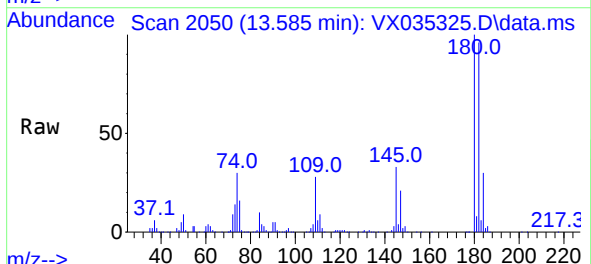
Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.4	113.0
184	30.0	23.8	35.8
145	30.9	25.3	37.9

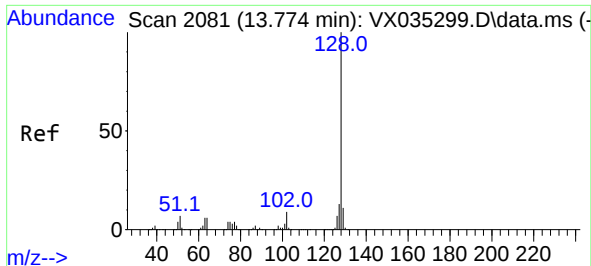


#70
1,2,4-trichlorobenzene
Concen: 60.508 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion:180 Resp: 199264

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	114.8
145	32.1	26.2	39.4

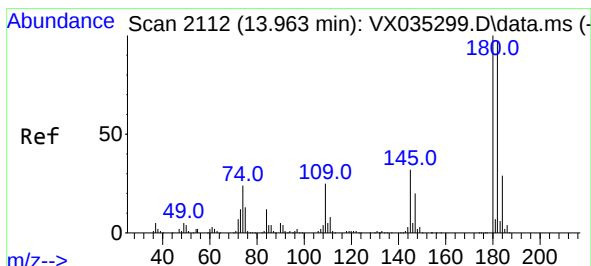
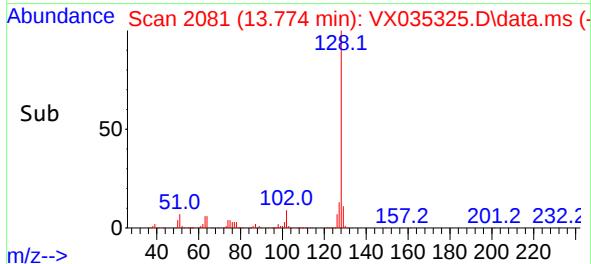
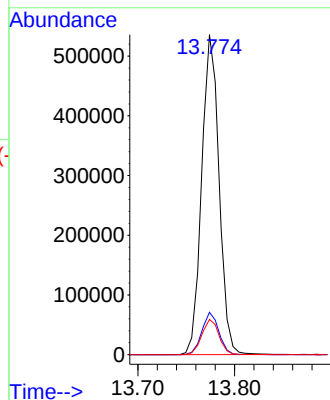
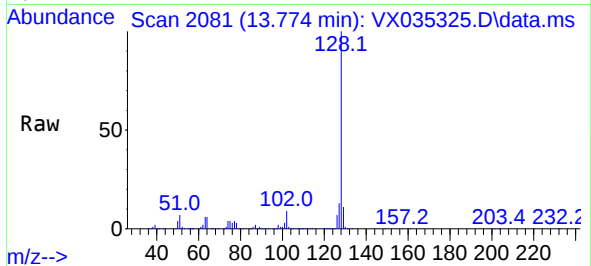




#71
Naphthalene
Concen: 57.116 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD050638

Tgt Ion:128 Resp: 669995
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 60.595 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035325.D
Acq: 26 Apr 2023 19:49

Tgt Ion:180 Resp: 196998
Ion Ratio Lower Upper
180 100
182 94.6 75.0 112.6
145 33.8 27.1 40.7

