

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
 Data File : VX035299.D
 Acq On : 26 Apr 2023 09:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050637

Quant Time: Apr 27 04:40:47 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	6.757	114	441593	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	388348	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	205859	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	116118	40.781	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.560%
7) Chloroethane-d5	1.672	69	84426	41.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.060%
11) 1,1-Dichloroethene-d2	2.306	65	63053	46.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.560%
21) 2-Butanone-d5	4.459	46	162351	85.561	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.560%
24) Chloroform-d	5.056	84	254649	47.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
26) 1,2-Dichloroethane-d4	5.952	65	162647	47.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
32) Benzene-d6	5.970	84	534446	47.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
36) 1,2-Dichloropropane-d6	7.306	67	159442	46.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.580%
41) Toluene-d8	8.647	98	495286	48.579	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.160%
43) trans-1,3-Dichloroprop...	8.946	79	74756	50.198	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.400%
47) 2-Hexanone-d5	9.384	63	117650	85.974	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.970%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	198014	47.448	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.900%
66) 1,2-Dichlorobenzene-d4	12.317	152	187724	47.057	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	150975	45.617	ug/L	99
3) Chloromethane	1.294	50	113523	37.691	ug/L	100
5) Vinyl chloride	1.374	62	121838	38.981	ug/L	97
6) Bromomethane	1.618	94	75986	40.933	ug/L	98
8) Chloroethane	1.691	64	70663	40.536	ug/L	98
9) Trichlorofluoromethane	1.886	101	196680	46.469	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	144438	49.951	ug/L	98
12) 1,1-Dichloroethene	2.319	96	123652	46.869	ug/L	97
13) Acetone	2.392	43	119426	84.860	ug/L	99
14) Carbon disulfide	2.514	76	290082	44.503	ug/L	100
15) Methyl Acetate	2.703	43	127683	42.353	ug/L	98
16) Methylene chloride	2.788	84	136827	46.578	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	124856	45.959	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	435292	46.332	ug/L	99
19) 1,1-Dichloroethane	3.611	63	242222	46.253	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	148749	46.832	ug/L	98
22) 2-Butanone	4.562	43	185074	85.676	ug/L	99
23) Bromochloromethane	4.891	128	76022	48.325	ug/L	93
25) Chloroform	5.086	83	256574	48.323	ug/L	98

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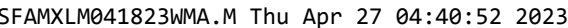
Instrument :
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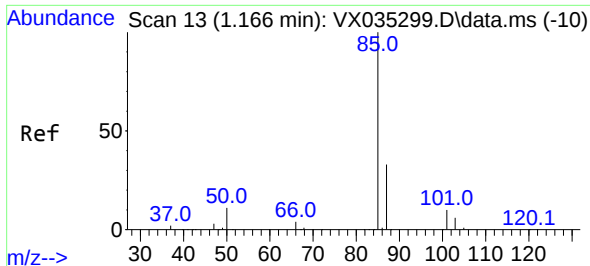
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	196023	46.094	ug/L	99
29) Cyclohexane	5.471	56	223870	47.710	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	217575	47.769	ug/L	98
31) Carbon tetrachloride	5.672	117	188436	48.790	ug/L	99
33) Benzene	6.038	78	530659	45.122	ug/L	100
34) Trichloroethene	7.123	95	146470	46.819	ug/L	98
35) Methylcyclohexane	7.379	83	234989	55.775	ug/L	99
37) 1,2-Dichloropropane	7.428	63	140539	45.389	ug/L	99
38) Bromodichloromethane	7.818	83	177520	48.523	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	227203	49.074	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	348711	85.433	ug/L	98
42) Toluene	8.714	91	575486	47.164	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	206725	49.555	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	139533	47.489	ug/L	98
46) Tetrachloroethene	9.275	164	120766	51.823	ug/L	96
48) 2-Hexanone	9.427	43	272317	87.872	ug/L	97
49) Dibromochloromethane	9.519	129	141672	50.737	ug/L	96
50) 1,2-Dibromoethane	9.610	107	145337	47.538	ug/L	100
51) Chlorobenzene	10.079	112	381715	47.485	ug/L	98
52) Ethylbenzene	10.189	91	659311	48.881	ug/L	97
53) m,p-Xylene	10.299	106	251354	48.665	ug/L	99
54) o-Xylene	10.640	106	245815	48.407	ug/L	98
55) Styrene	10.653	104	421712	49.015	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	204398	47.203	ug/L	97
59) Bromoform	10.799	173	98814	46.630	ug/L	99
60) Isopropylbenzene	10.963	105	672764	48.062	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	157621	41.472	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	568286	49.643	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	564952	49.633	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	309239	48.439	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	312071	47.771	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	302416	46.718	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	40755	43.457	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	220350	55.831	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	203568	55.084	ug/L	99
71) Naphthalene	13.774	128	632032	48.013	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	199488	54.680	ug/L	99

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

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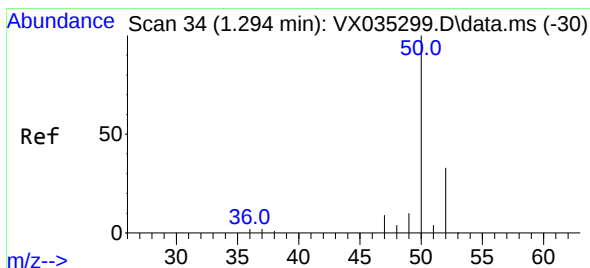
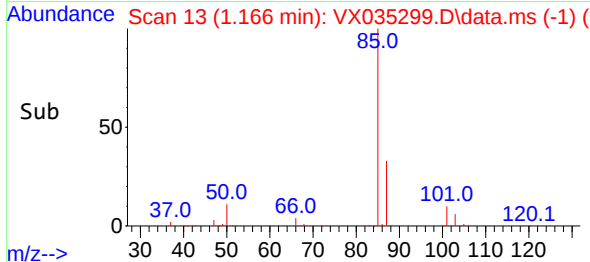
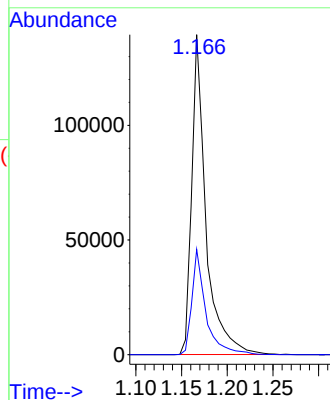
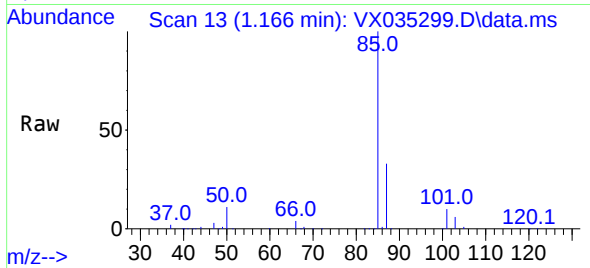




#2
 Dichlorodifluoromethane
 Concen: 45.617 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035299.D
 Acq: 26 Apr 2023 09:28

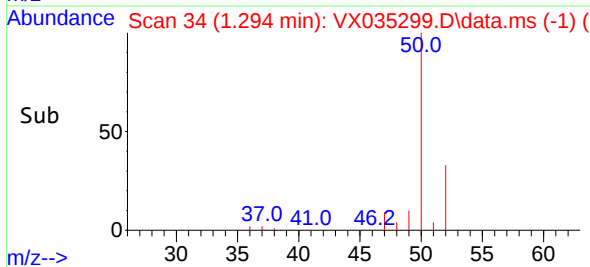
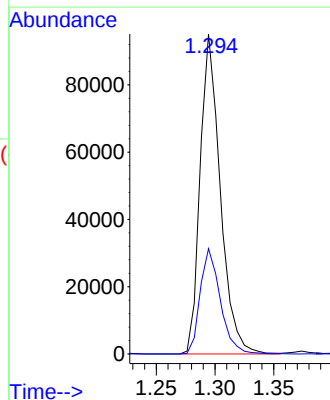
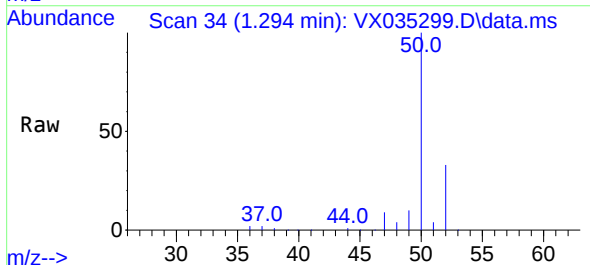
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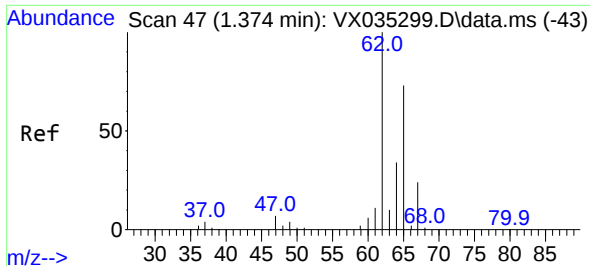
Tgt Ion: 85 Resp: 150975
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.4



#3
 Chloromethane
 Concen: 37.691 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX035299.D
 Acq: 26 Apr 2023 09:28

Tgt Ion: 50 Resp: 113523
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.6

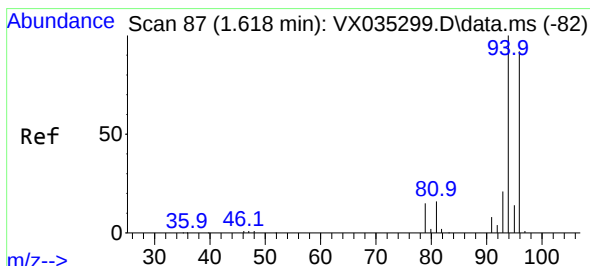
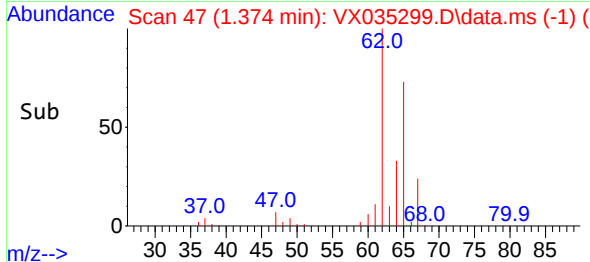
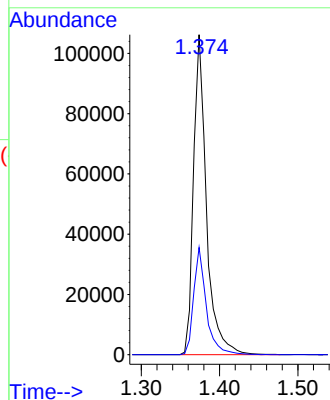
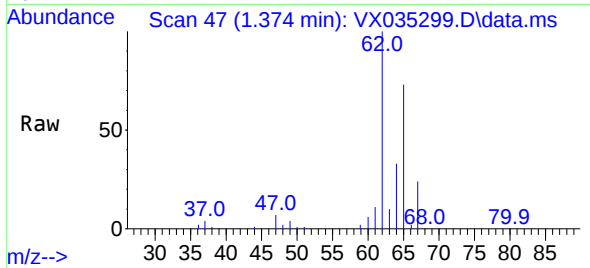




#5
 Vinyl chloride
 Concen: 38.981 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035299.D
 Acq: 26 Apr 2023 09:28

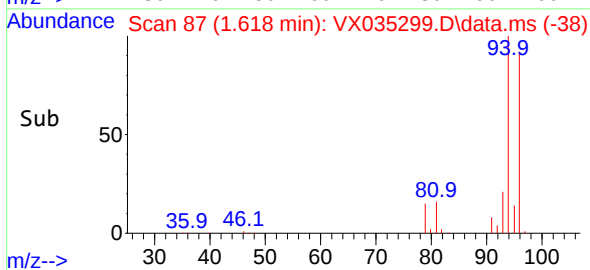
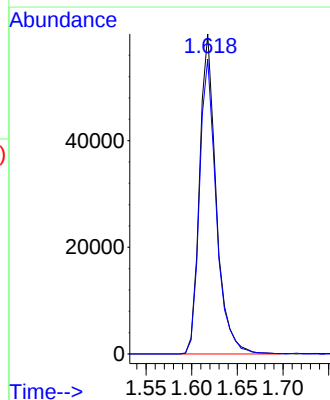
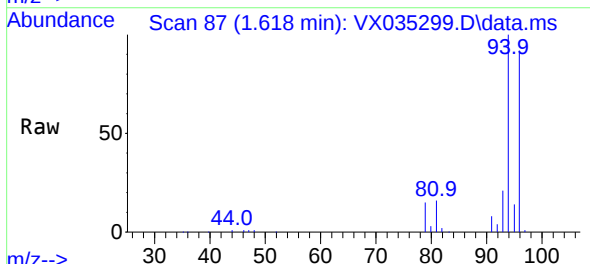
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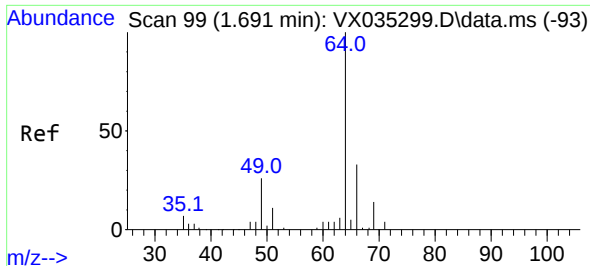
Tgt Ion: 62 Resp: 121838
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.5 41.7



#6
 Bromomethane
 Concen: 40.933 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX035299.D
 Acq: 26 Apr 2023 09:28

Tgt Ion: 94 Resp: 75986
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.7 121.9

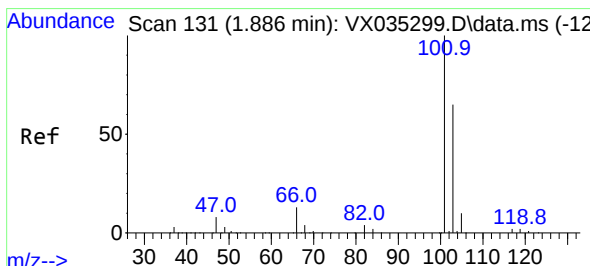
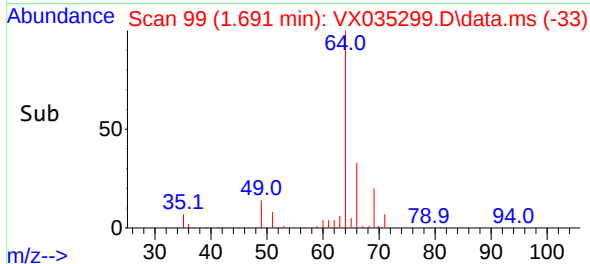
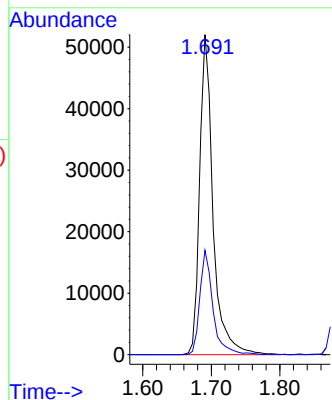
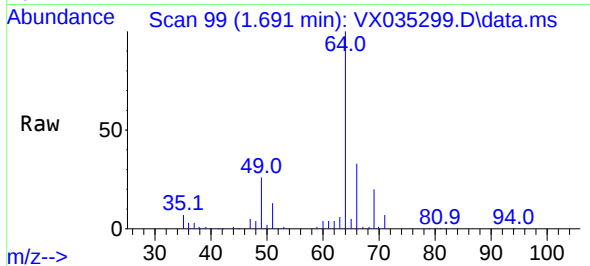




#8
Chloroethane
Concen: 40.536 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

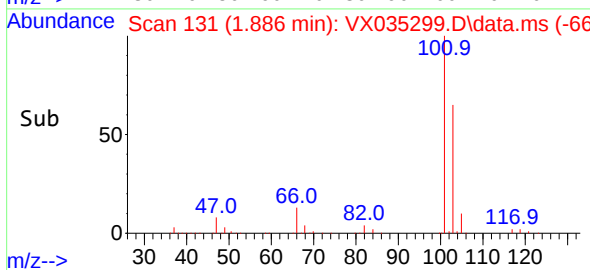
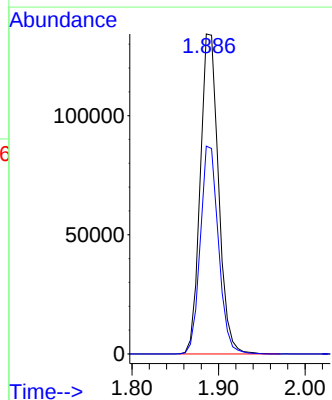
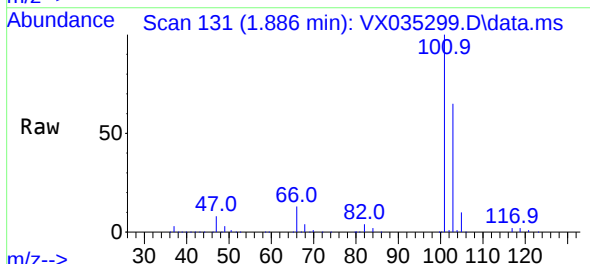
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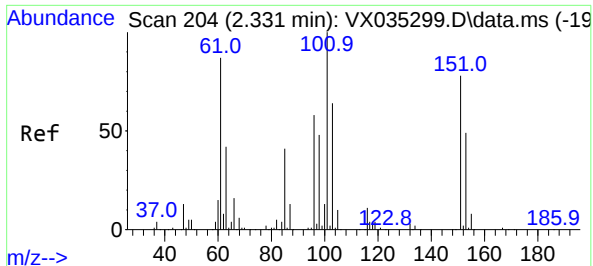
Tgt Ion: 64 Resp: 70663
Ion Ratio Lower Upper
64 100
66 32.6 21.9 40.7



#9
Trichlorofluoromethane
Concen: 46.469 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion:101 Resp: 196680
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

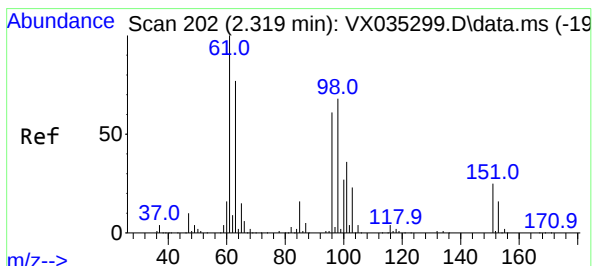
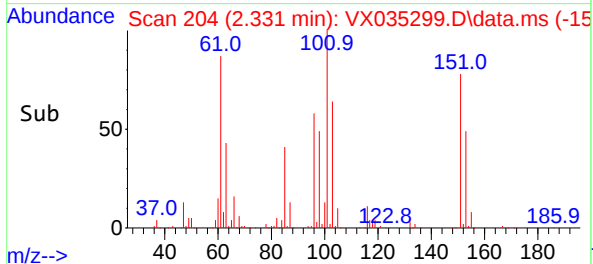
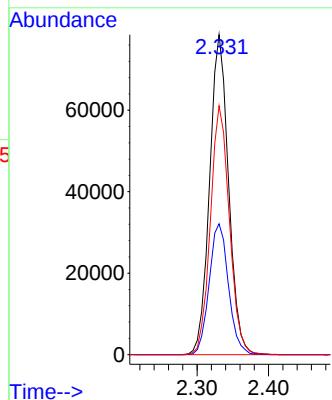
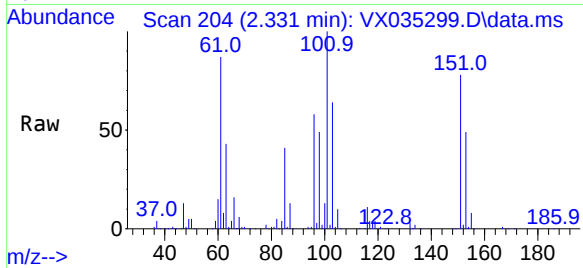




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.951 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX035299.D
 Acq: 26 Apr 2023 09:28

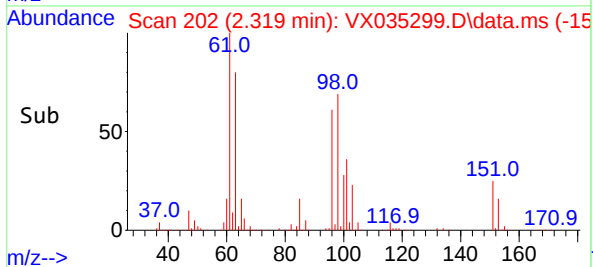
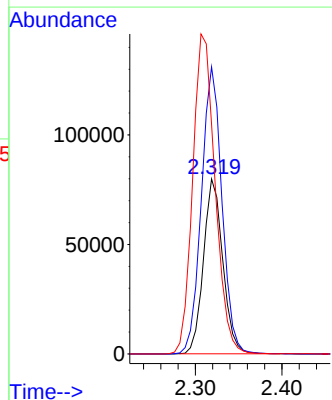
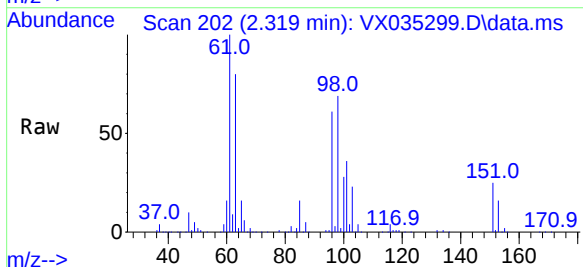
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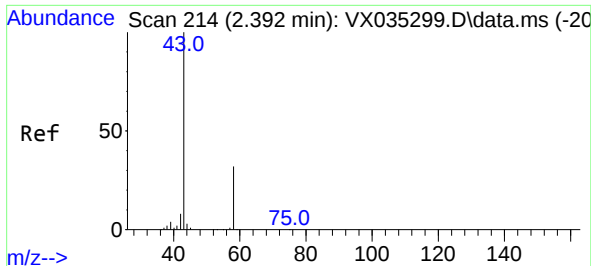
Tgt Ion:101 Resp: 144438
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.2 51.2
 151 78.1 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 46.869 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX035299.D
 Acq: 26 Apr 2023 09:28

Tgt Ion: 96 Resp: 123652
 Ion Ratio Lower Upper
 96 100
 61 164.0 119.0 221.0
 63 131.3 91.0 169.0

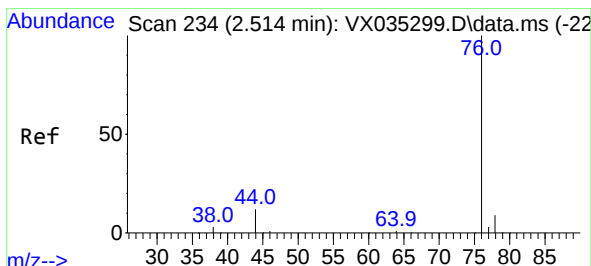
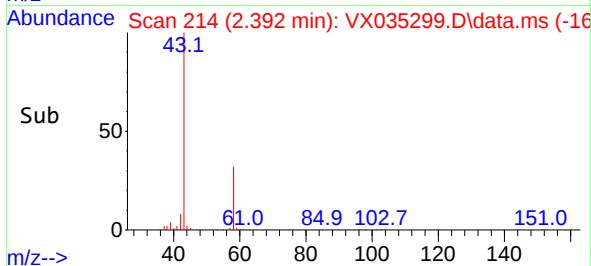
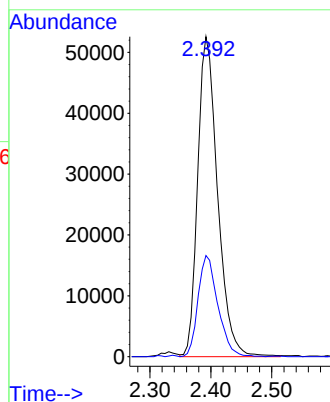
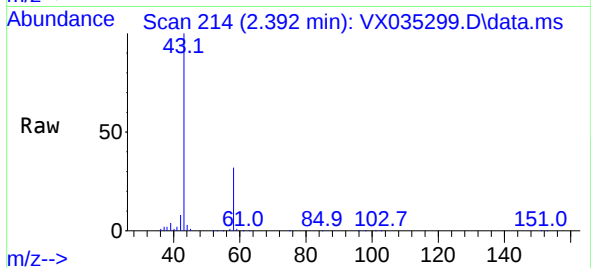




#13
Acetone
Concen: 84.860 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

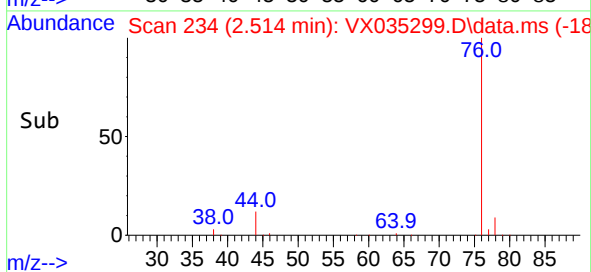
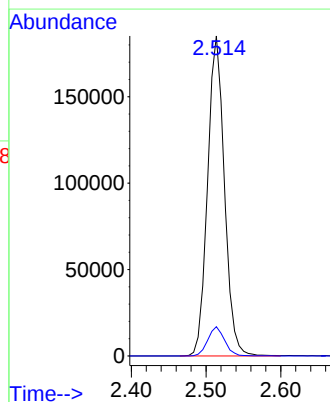
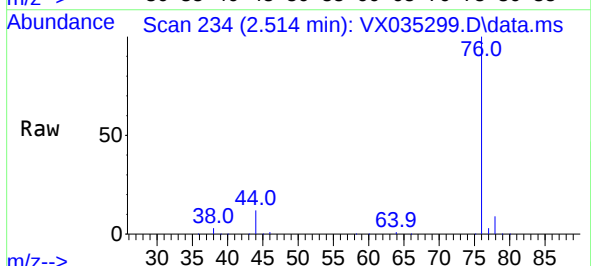
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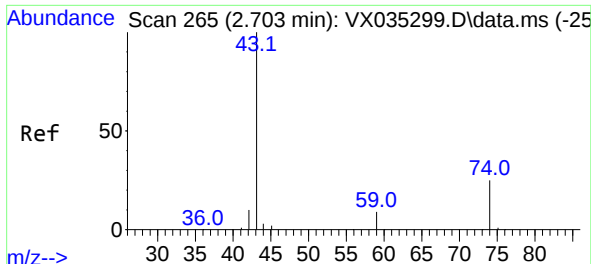
Tgt Ion: 43 Resp: 119426
Ion Ratio Lower Upper
43 100
58 31.4 0.0 62.0



#14
Carbon disulfide
Concen: 44.503 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 290082
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

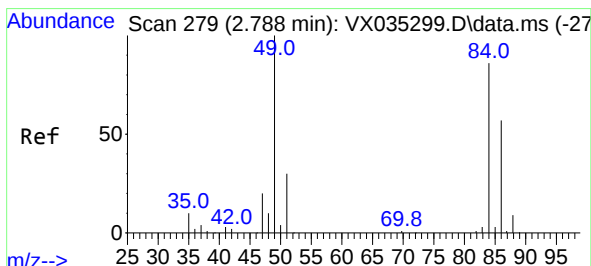
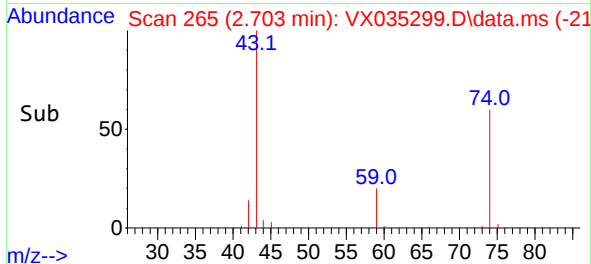
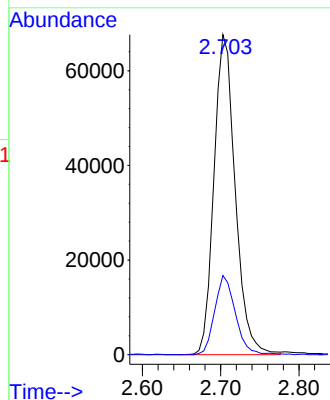
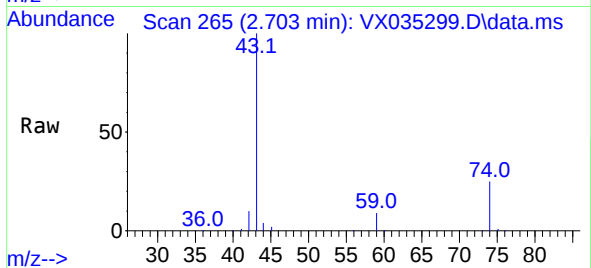




#15
Methyl Acetate
Concen: 42.353 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

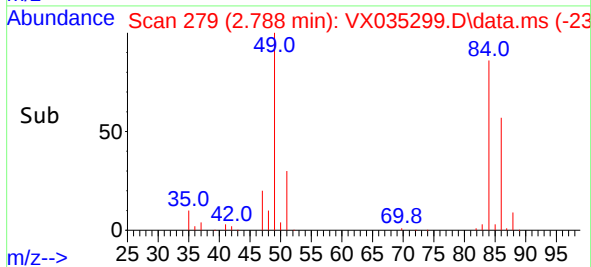
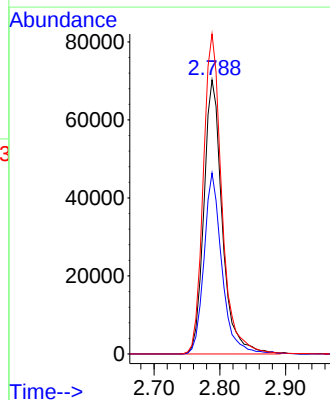
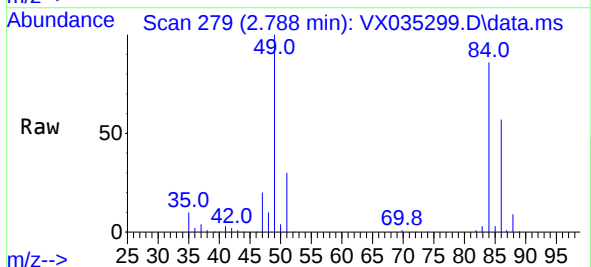
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

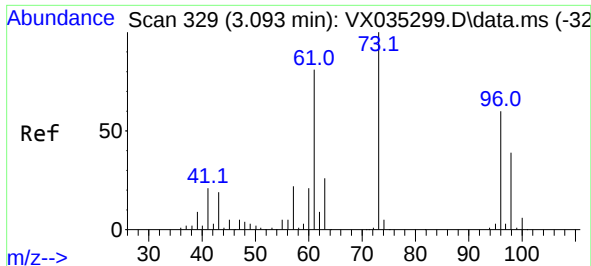
Tgt Ion: 43 Resp: 127683
Ion Ratio Lower Upper
43 100
74 23.8 18.2 27.4



#16
Methylene chloride
Concen: 46.578 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 84 Resp: 136827
Ion Ratio Lower Upper
84 100
86 66.0 45.8 85.0
49 116.7 88.7 164.7

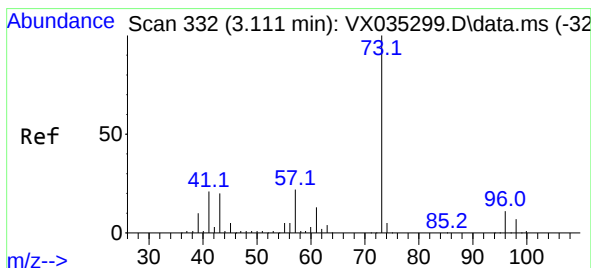
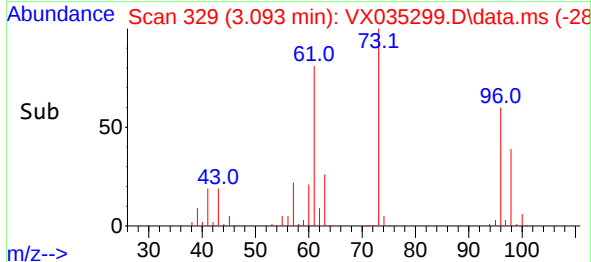
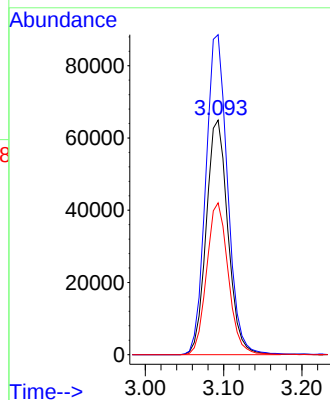
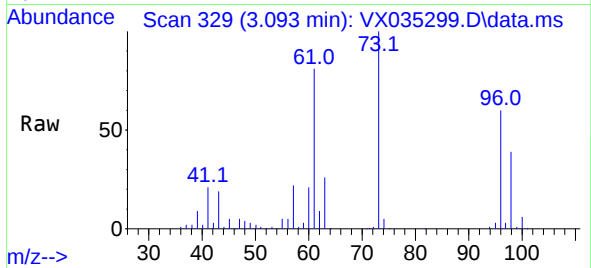




#17
trans-1,2-Dichloroethene
Concen: 45.959 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

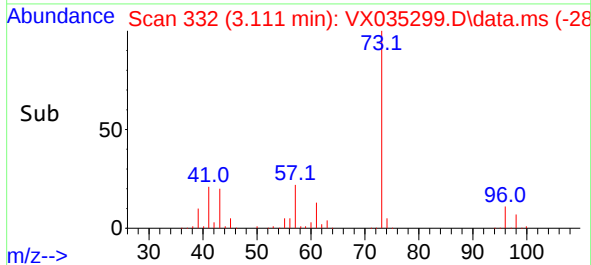
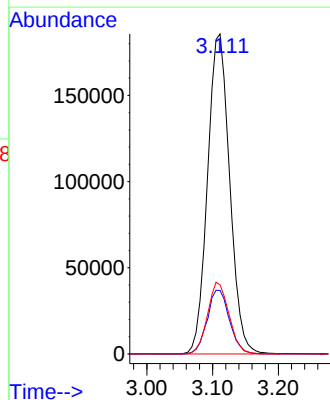
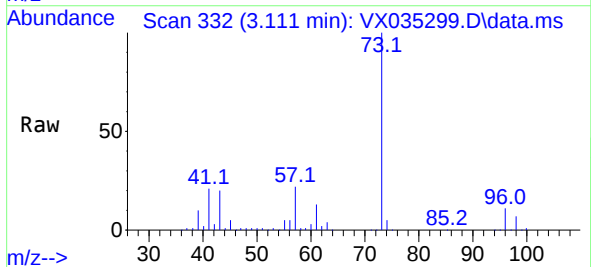
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

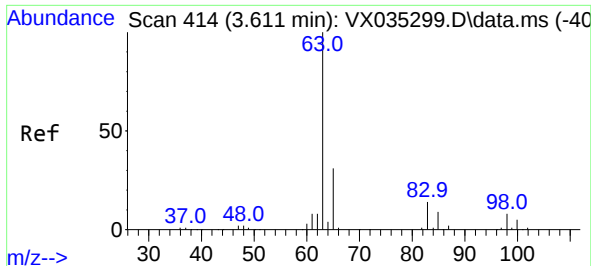
Tgt Ion: 96 Resp: 124856
Ion Ratio Lower Upper
96 100
61 136.4 98.8 183.4
98 64.8 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 46.332 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 73 Resp: 435292
Ion Ratio Lower Upper
73 100
43 20.1 16.6 25.0
57 21.7 17.5 26.3





#19

1,1-Dichloroethane

Concen: 46.253 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTD050637

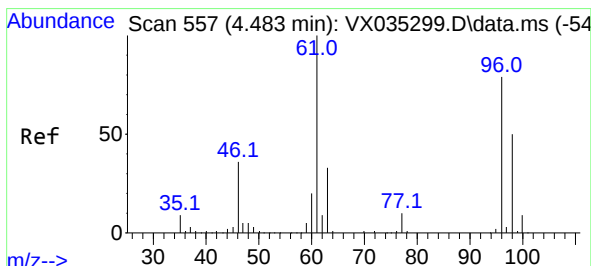
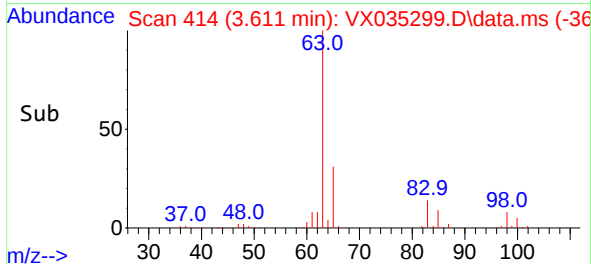
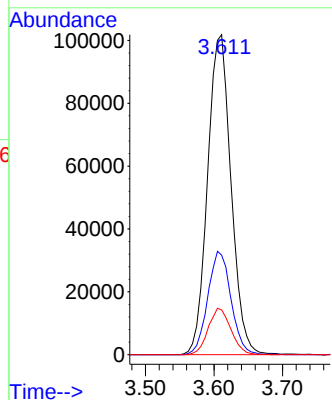
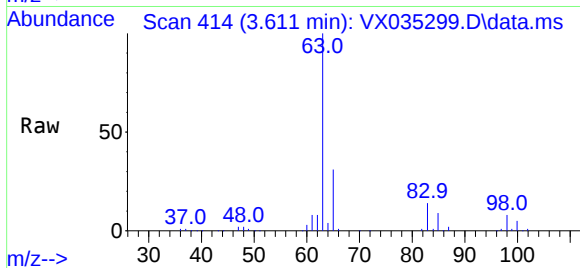
Tgt Ion: 63 Resp: 242222

Ion Ratio Lower Upper

63 100

65 31.1 22.8 42.4

83 14.0 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 46.832 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

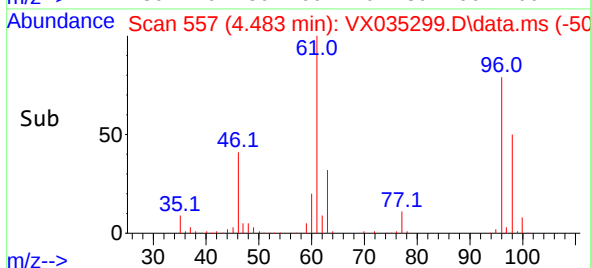
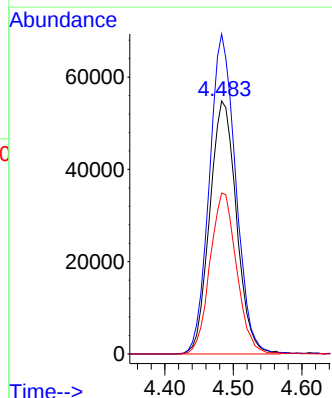
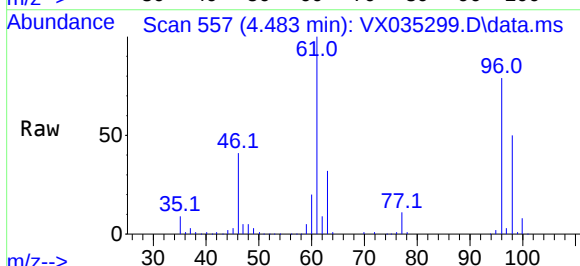
Tgt Ion: 96 Resp: 148749

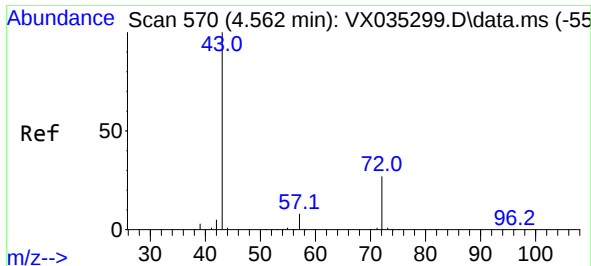
Ion Ratio Lower Upper

96 100

61 126.5 87.8 163.2

98 63.6 46.3 86.1

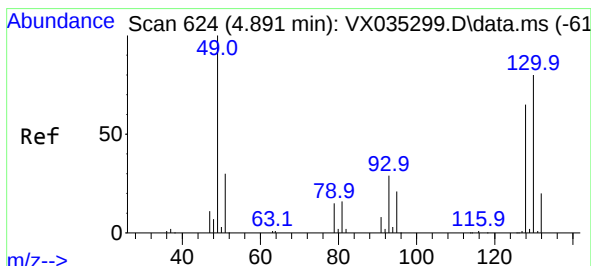
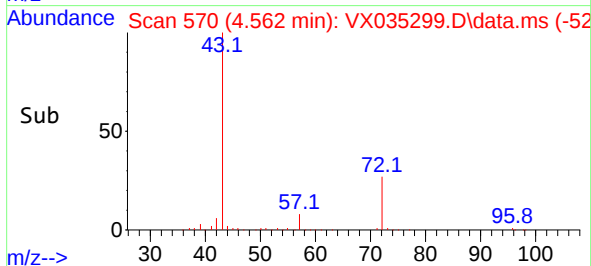
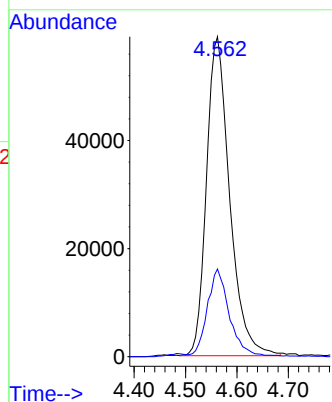
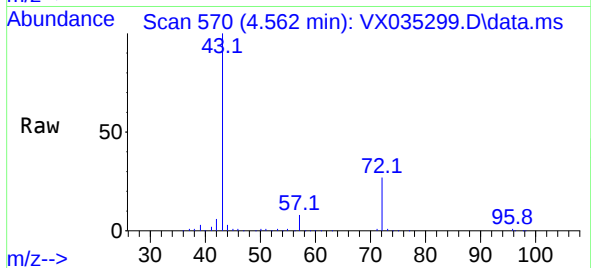




#22
2-Butanone
Concen: 85.676 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

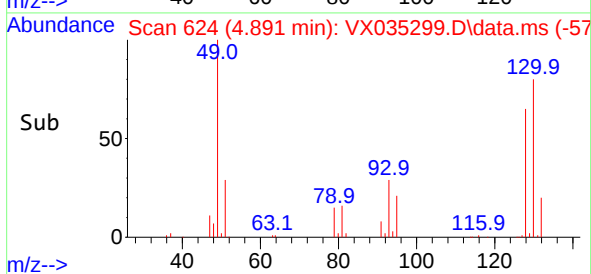
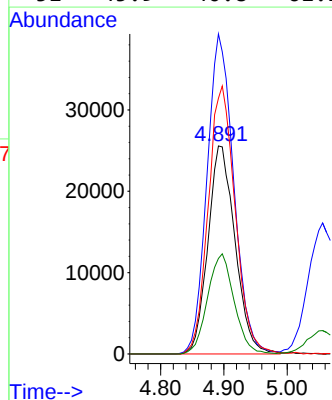
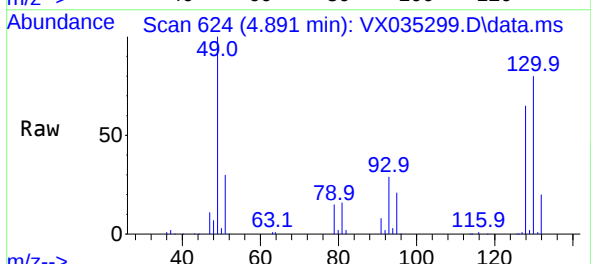
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

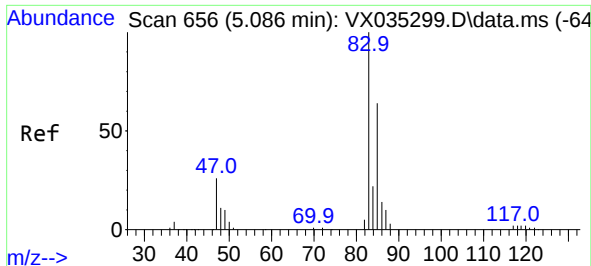
Tgt Ion: 43 Resp: 185074
Ion Ratio Lower Upper
43 100
72 25.2 12.4 37.2



#23
Bromochloromethane
Concen: 48.325 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 128 Resp: 76022
Ion Ratio Lower Upper
128 100
49 153.8 115.9 215.3
130 122.9 88.9 165.1
51 45.9 40.8 61.2





#25

Chloroform

Concen: 48.323 ug/L

RT: 5.086 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

Instrument :

MSVOA_X

ClientSampleId :

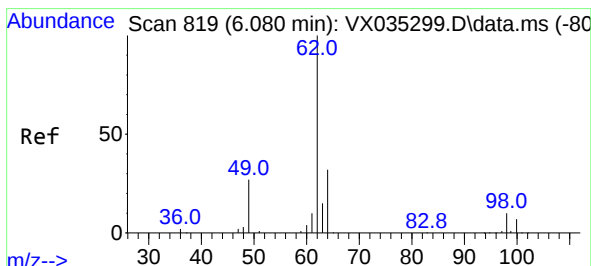
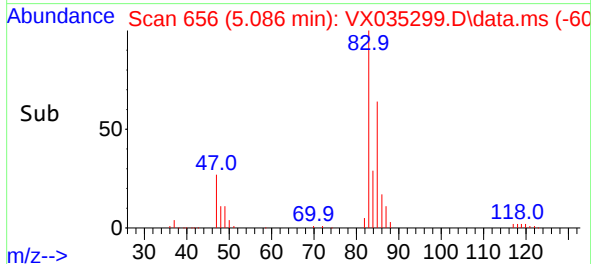
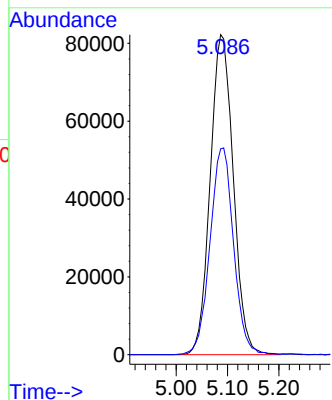
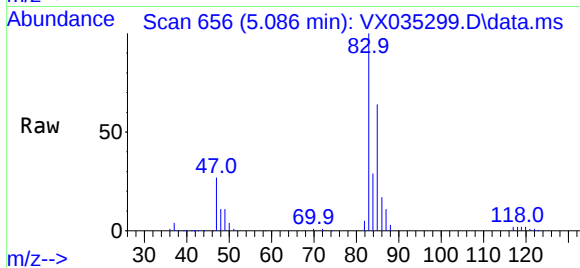
VSTD050637

Tgt Ion: 83 Resp: 256574

Ion Ratio Lower Upper

83 100

85 64.3 46.0 85.4



#27

1,2-Dichloroethane

Concen: 46.094 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX035299.D

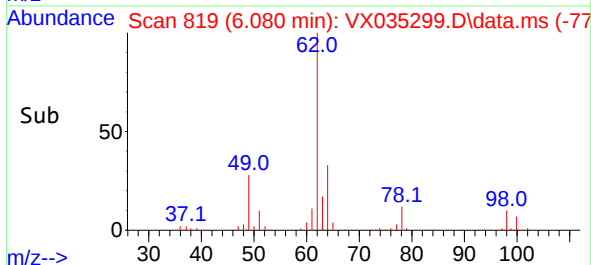
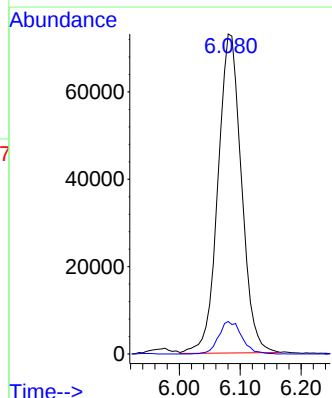
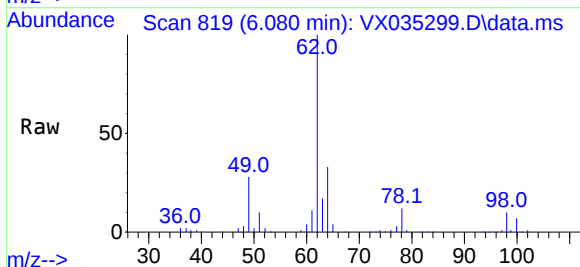
Acq: 26 Apr 2023 09:28

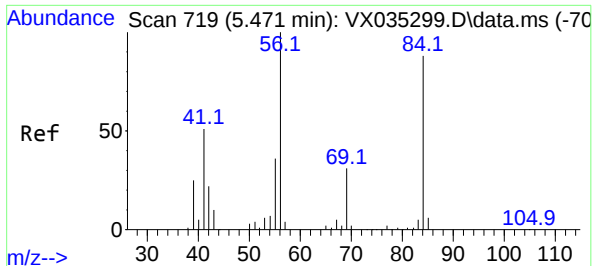
Tgt Ion: 62 Resp: 196023

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

Cyclohexane

Concen: 47.710 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTD050637

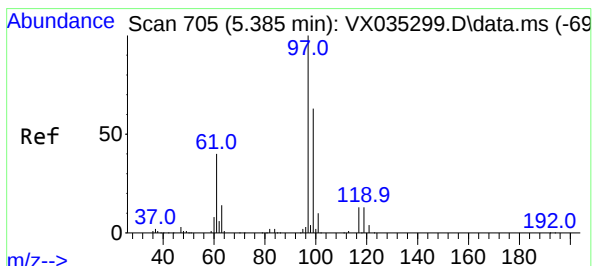
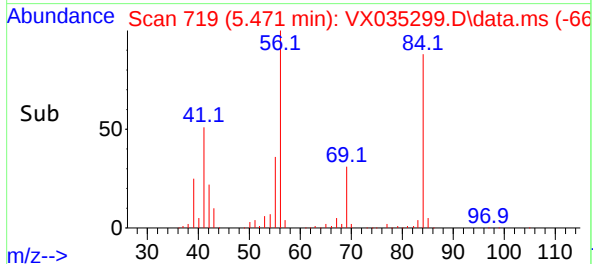
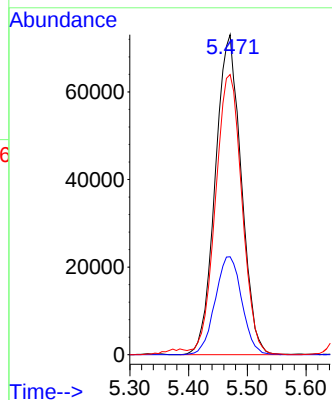
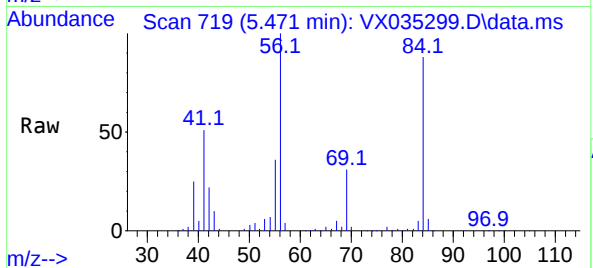
Tgt Ion: 56 Resp: 223870

Ion Ratio Lower Upper

56 100

69 31.5 25.1 37.7

84 88.8 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 47.769 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

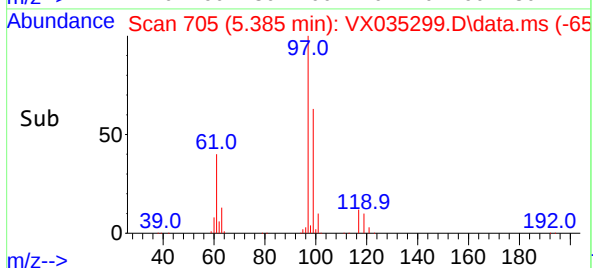
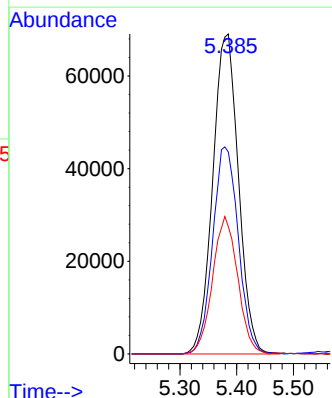
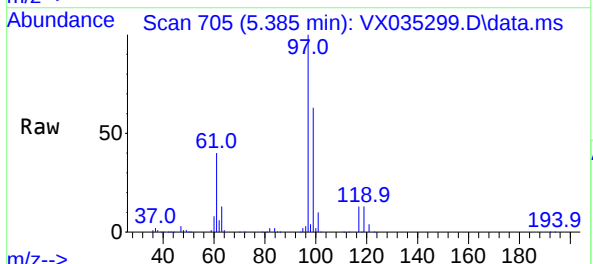
Tgt Ion: 97 Resp: 217575

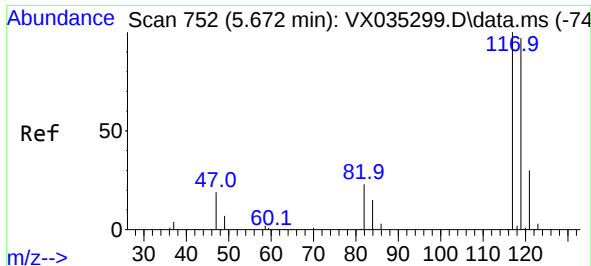
Ion Ratio Lower Upper

97 100

99 64.7 50.6 75.8

61 42.0 34.9 52.3

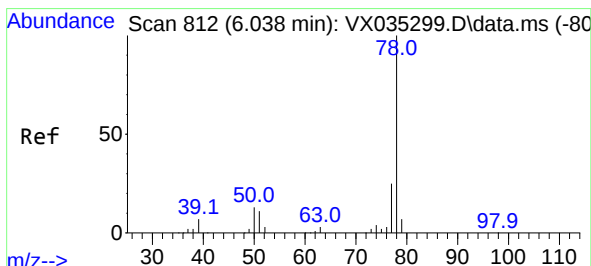
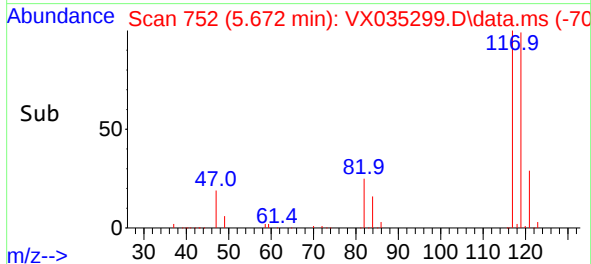
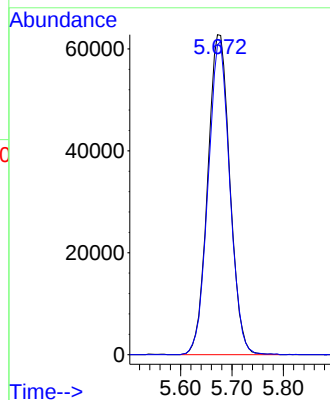
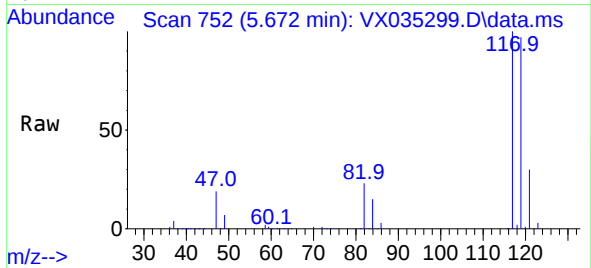




#31
Carbon tetrachloride
Concen: 48.790 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

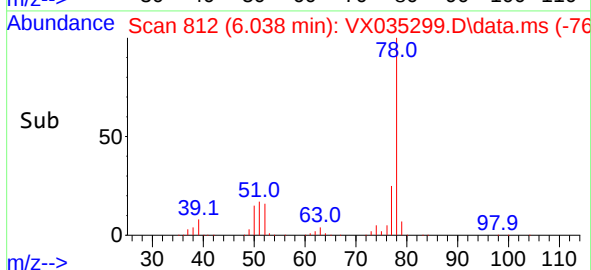
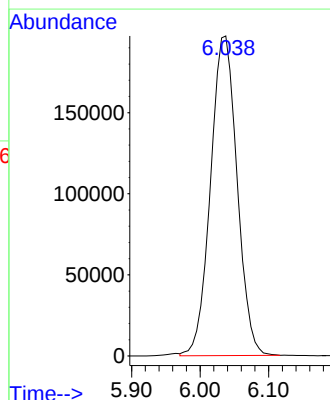
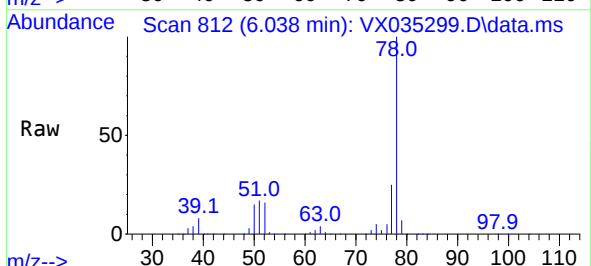
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

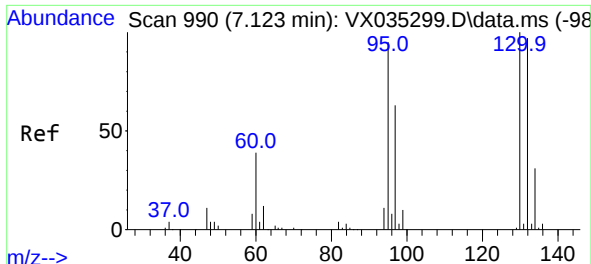
Tgt Ion:117 Resp: 188436
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7



#33
Benzene
Concen: 45.122 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 78 Resp: 530659

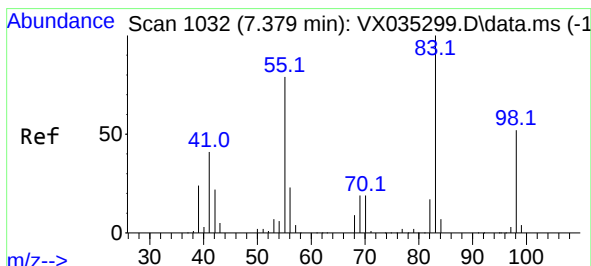
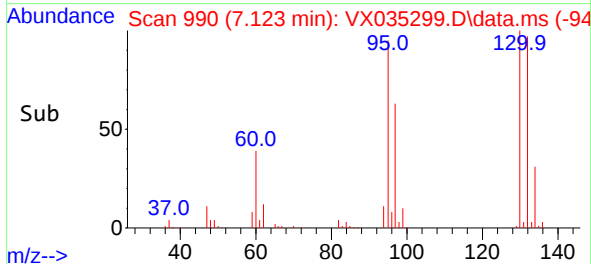
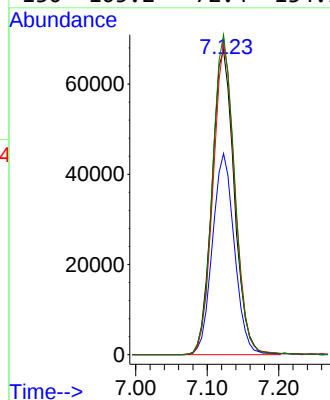
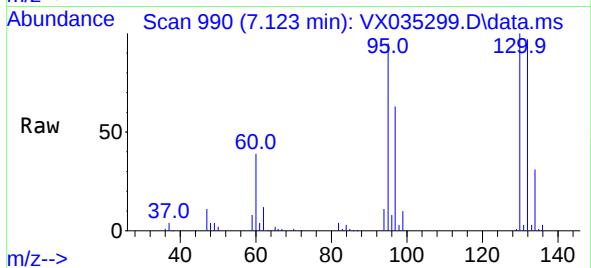




#34
Trichloroethene
Concen: 46.819 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

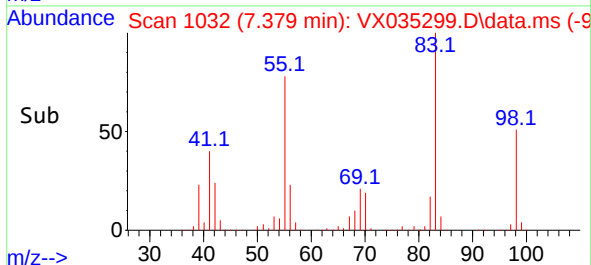
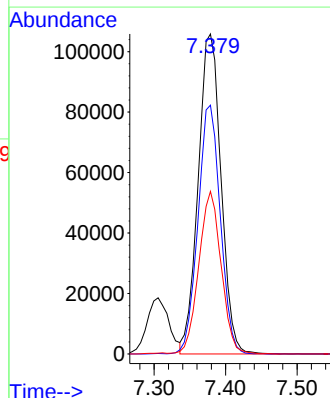
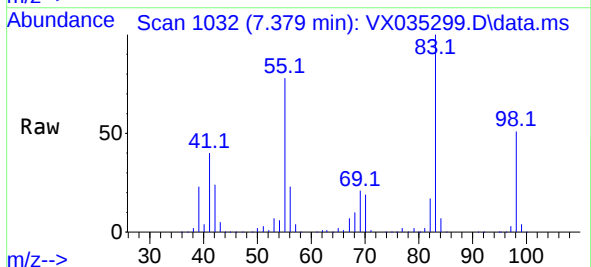
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

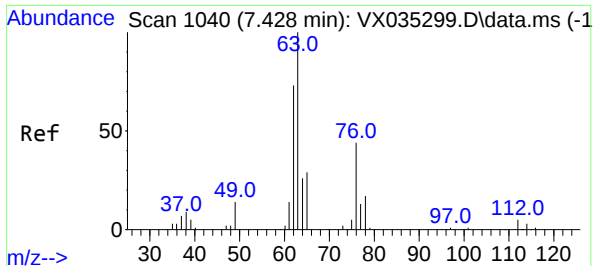
Tgt Ion: 95 Resp: 146470
Ion Ratio Lower Upper
95 100
97 66.1 45.6 84.8
132 102.3 69.7 129.4
130 105.2 72.4 134.5



#35
Methylcyclohexane
Concen: 55.775 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 83 Resp: 234989
Ion Ratio Lower Upper
83 100
55 76.1 62.2 93.2
98 49.4 39.3 58.9

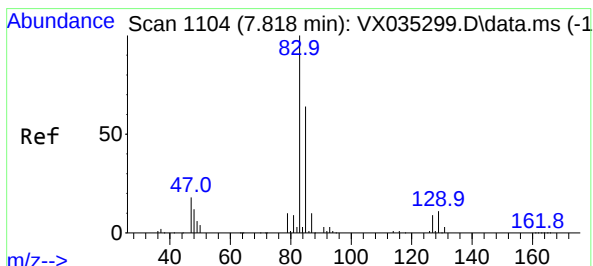
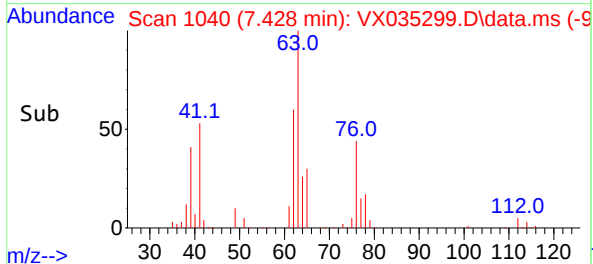
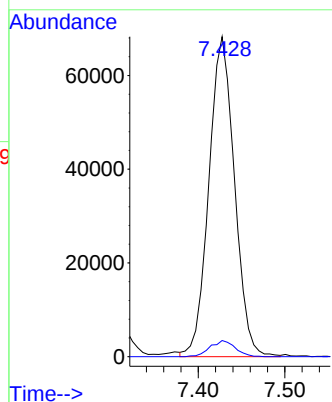
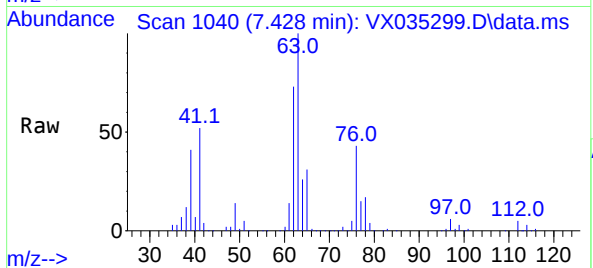




#37
1,2-Dichloropropane
Concen: 45.389 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

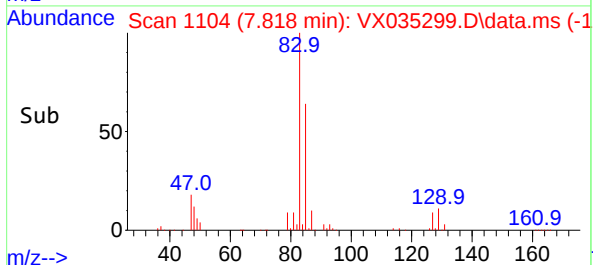
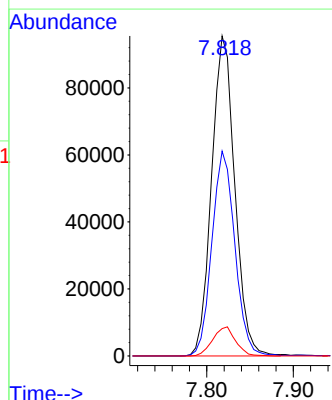
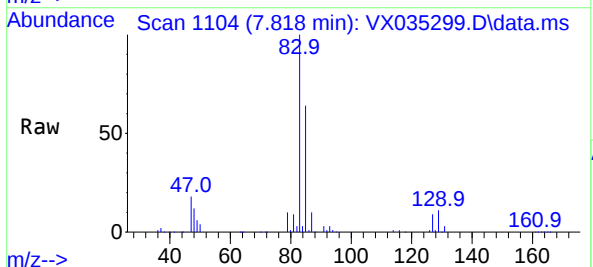
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

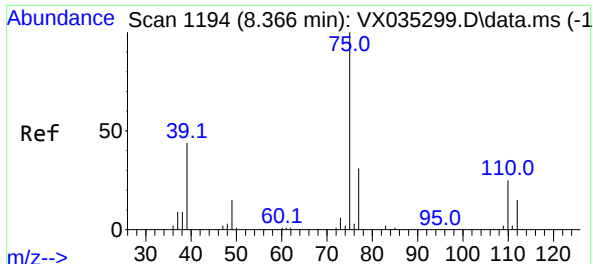
Tgt Ion: 63 Resp: 140539
Ion Ratio Lower Upper
63 100
112 5.0 3.7 5.5



#38
Bromodichloromethane
Concen: 48.523 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 83 Resp: 177520
Ion Ratio Lower Upper
83 100
85 64.0 44.7 82.9
127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 49.074 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

Instrument :

MSVOA_X

ClientSampleId :

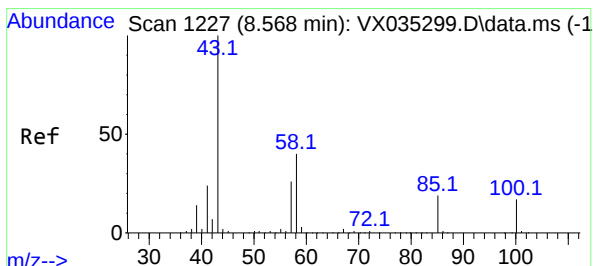
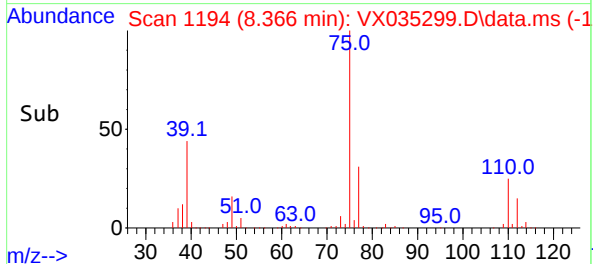
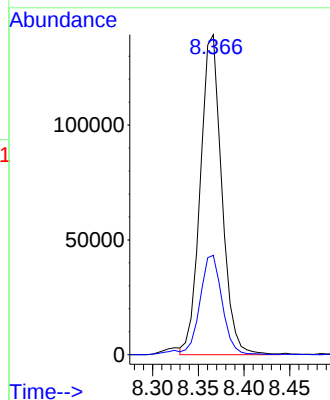
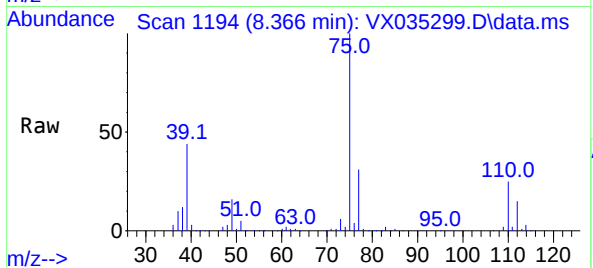
VSTD050637

Tgt Ion: 75 Resp: 227203

Ion Ratio Lower Upper

75 100

77 31.1 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 85.433 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

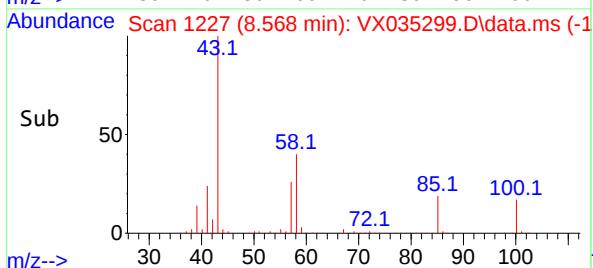
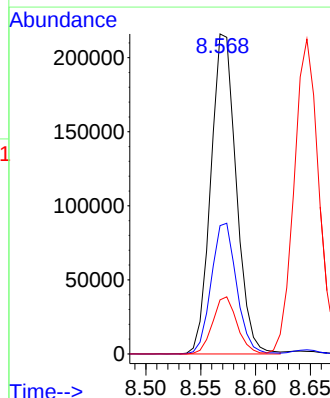
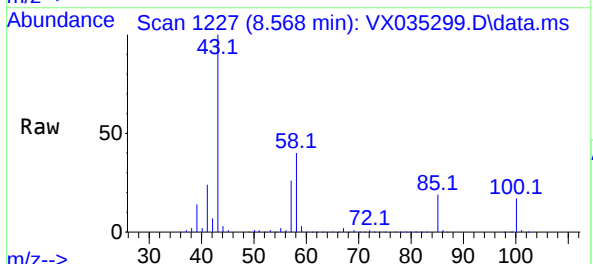
Tgt Ion: 43 Resp: 348711

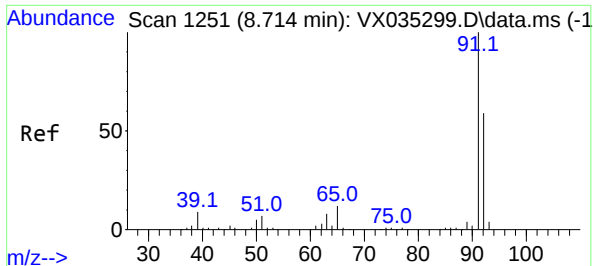
Ion Ratio Lower Upper

43 100

58 40.7 31.5 47.3

100 17.2 12.8 19.2





#42

Toluene

Concen: 47.164 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

Instrument :

MSVOA_X

ClientSampleId :

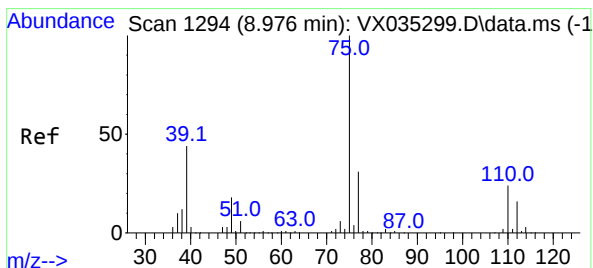
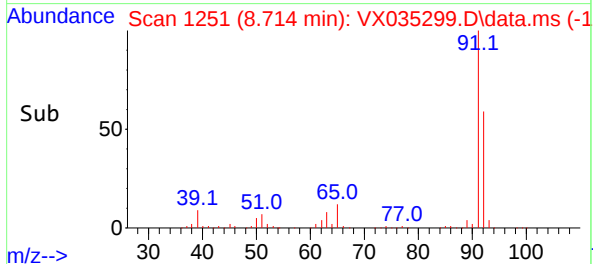
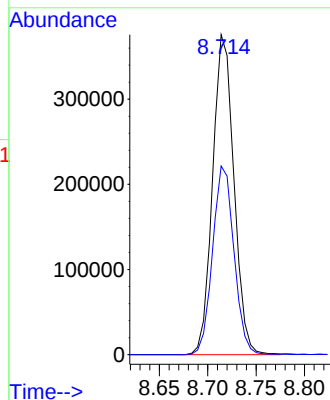
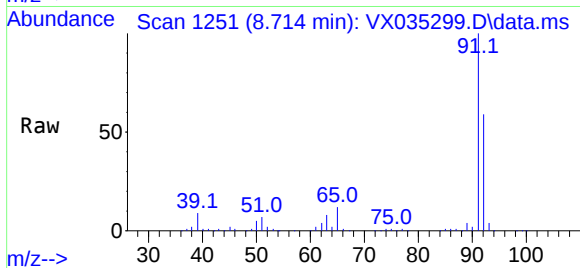
VSTD050637

Tgt Ion: 91 Resp: 575486

Ion Ratio Lower Upper

91 100

92 58.9 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 49.555 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035299.D

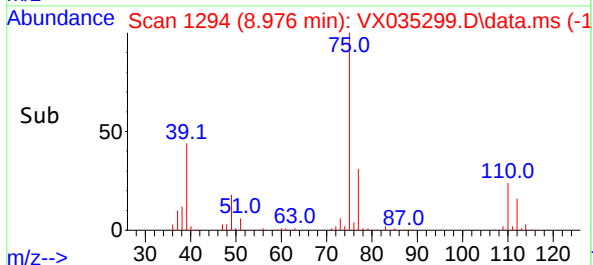
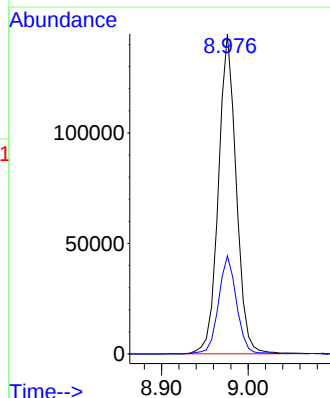
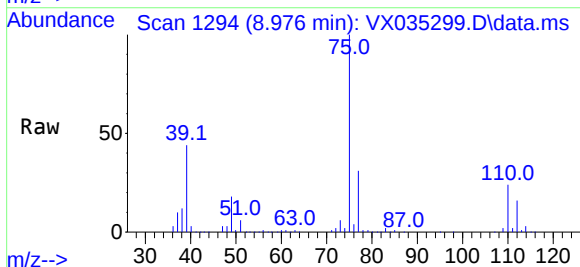
Acq: 26 Apr 2023 09:28

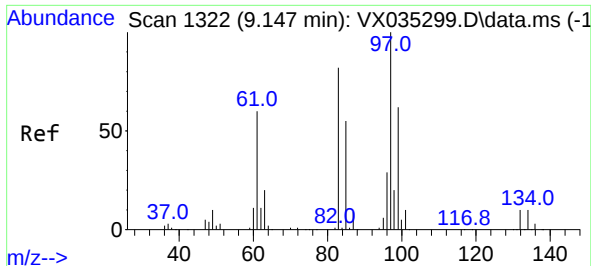
Tgt Ion: 75 Resp: 206725

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8



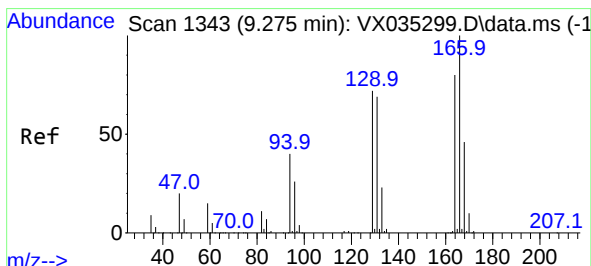
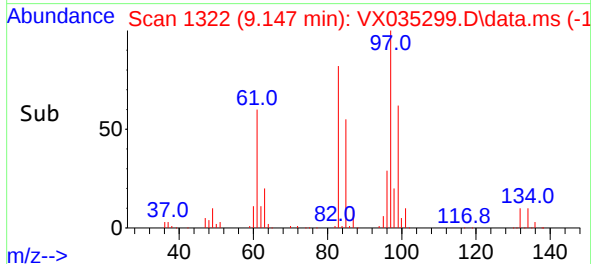
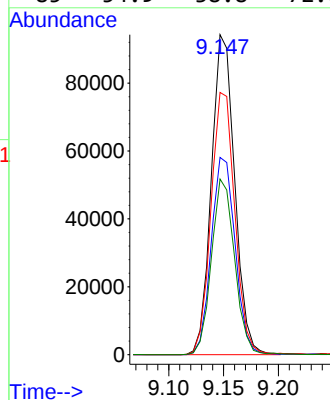
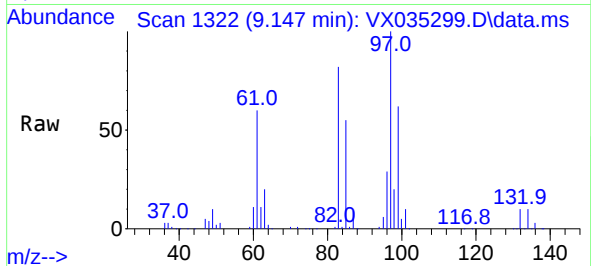


#45
1,1,2-Trichloroethane
Concen: 47.489 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

Tgt Ion: 97 Resp: 139533

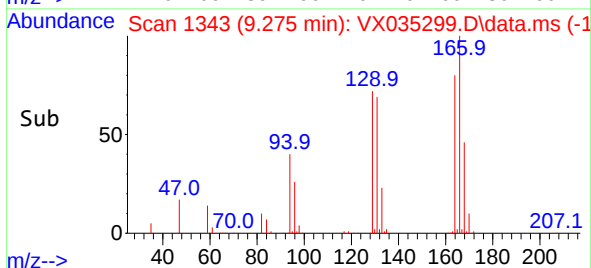
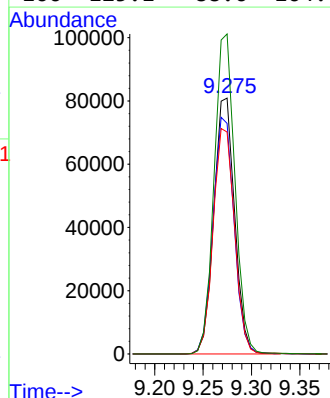
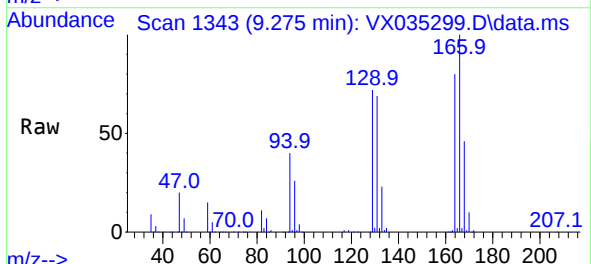
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.4
83	81.9	59.8	111.0
85	54.9	38.8	72.0

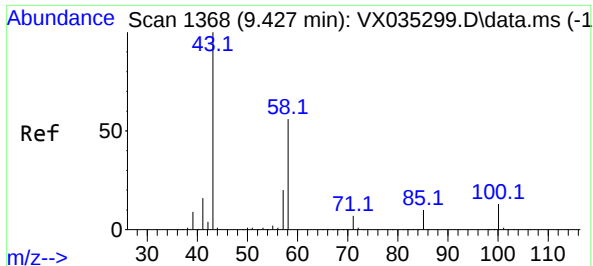


#46
Tetrachloroethene
Concen: 51.823 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 164 Resp: 120766

Ion	Ratio	Lower	Upper
164	100		
129	90.1	66.1	122.8
131	86.7	65.0	120.8
166	125.1	88.6	164.6



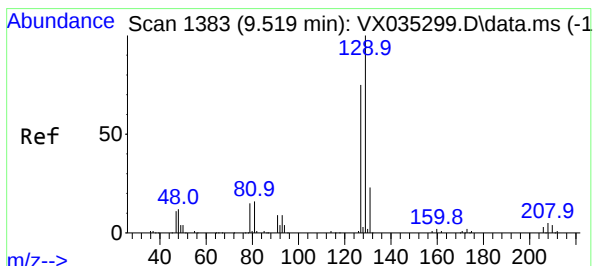
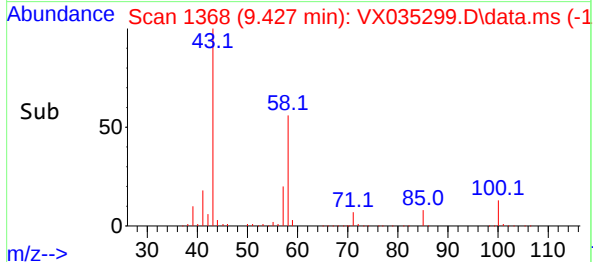
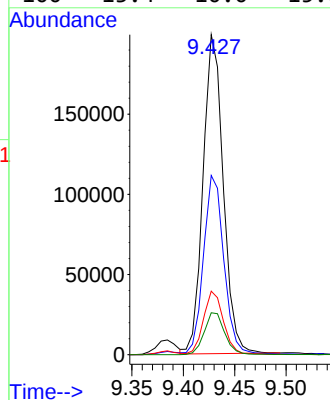
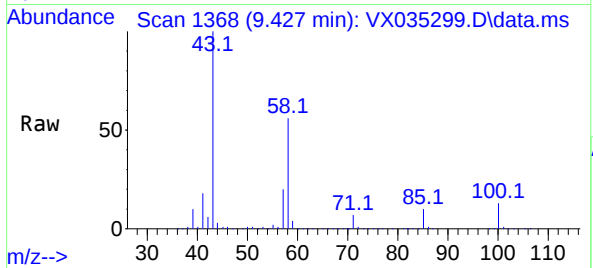


#48
2-Hexanone
Concen: 87.872 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

Tgt Ion: 43 Resp: 272317

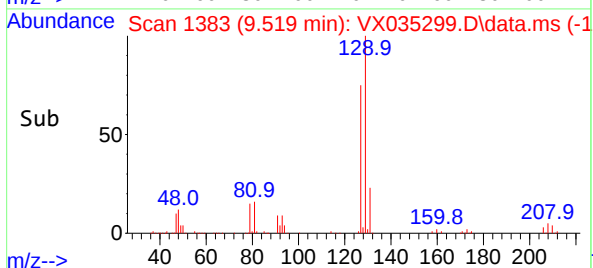
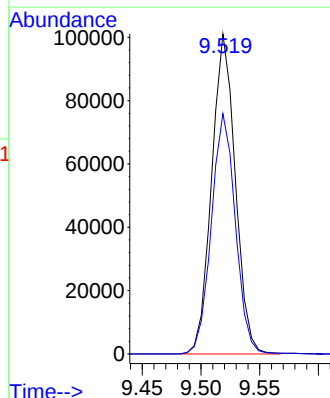
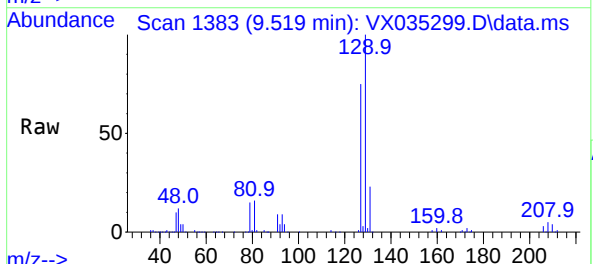
Ion	Ratio	Lower	Upper
43	100		
58	57.1	43.2	64.8
57	19.8	15.4	23.0
100	13.4	10.0	15.0

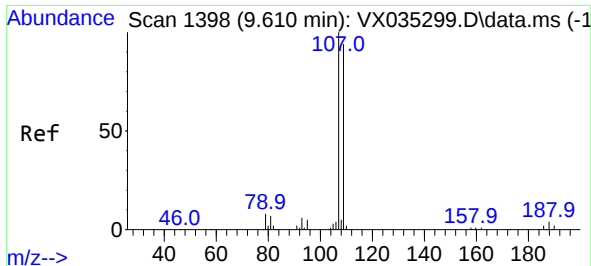


#49
Dibromochloromethane
Concen: 50.737 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 129 Resp: 141672

Ion	Ratio	Lower	Upper
129	100		
127	75.1	54.8	101.8

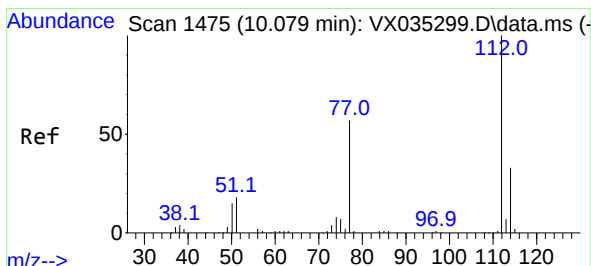
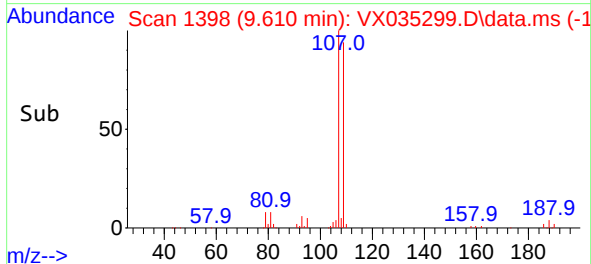
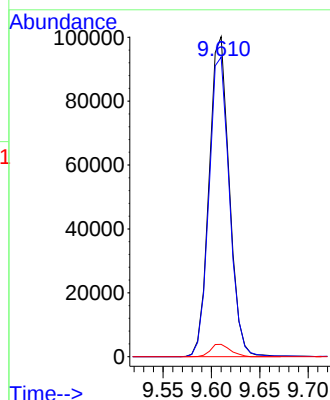
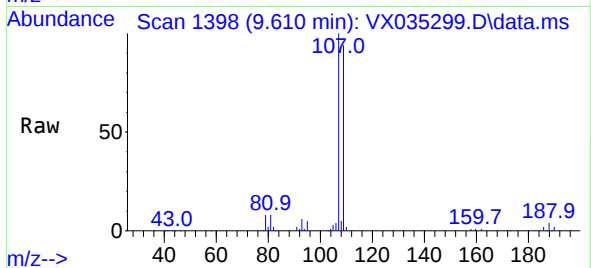




#50
1,2-Dibromoethane
Concen: 47.538 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

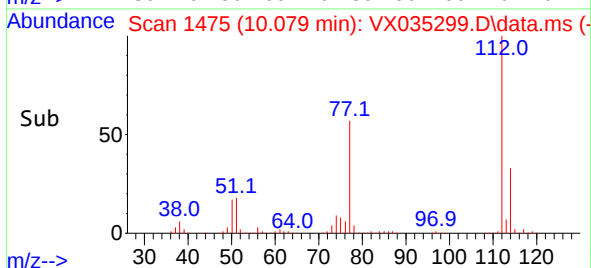
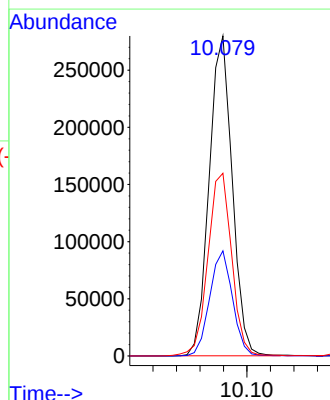
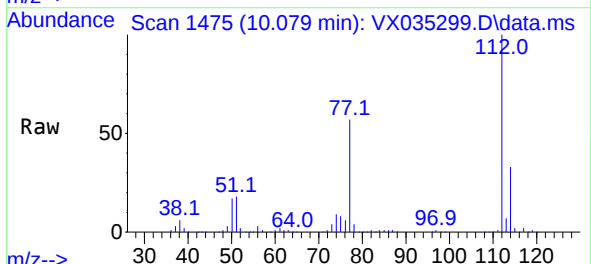
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

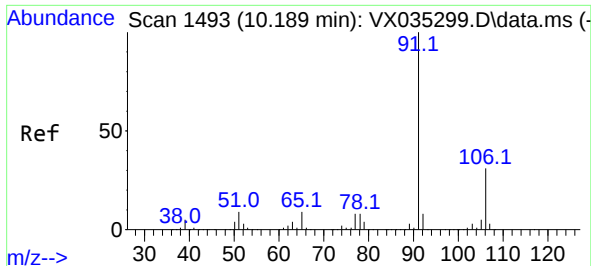
Tgt Ion:107 Resp: 145337
Ion Ratio Lower Upper
107 100
109 93.6 65.6 121.8
188 3.8 3.3 4.9



#51
Chlorobenzene
Concen: 47.485 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion:112 Resp: 381715
Ion Ratio Lower Upper
112 100
114 32.8 22.4 41.6
77 57.1 47.0 70.6

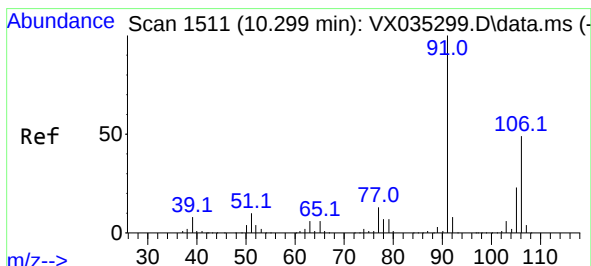
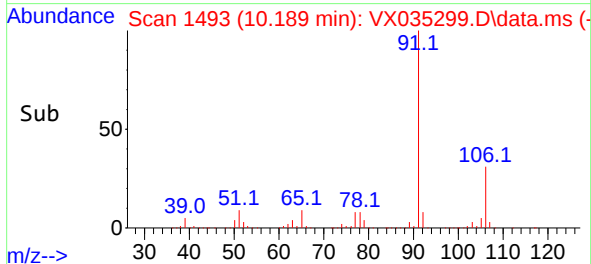
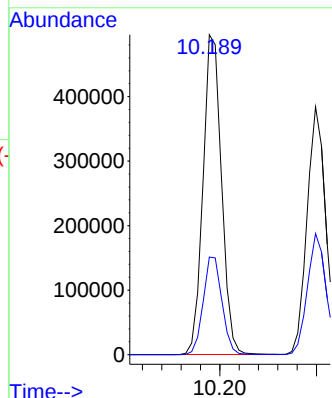
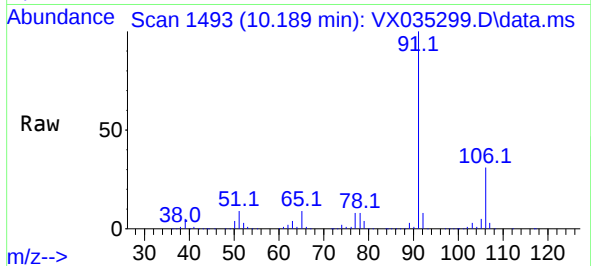




#52
Ethylbenzene
Concen: 48.881 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

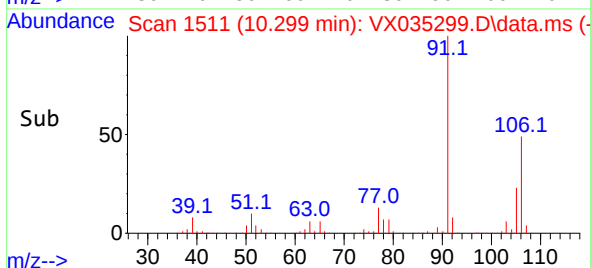
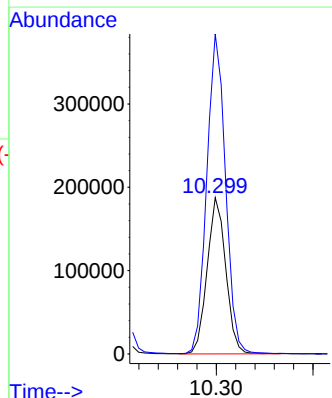
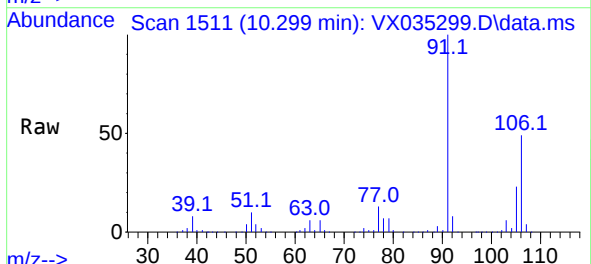
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

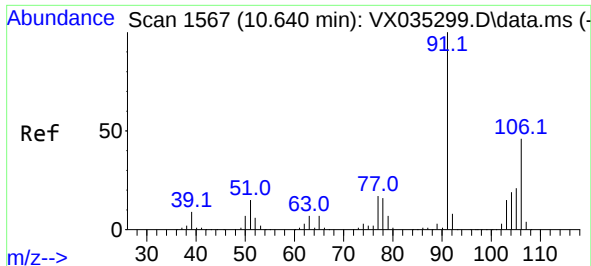
Tgt Ion: 91 Resp: 659311
Ion Ratio Lower Upper
91 100
106 30.5 22.6 42.0



#53
m,p-Xylene
Concen: 48.665 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 106 Resp: 251354
Ion Ratio Lower Upper
106 100
91 204.6 142.7 264.9

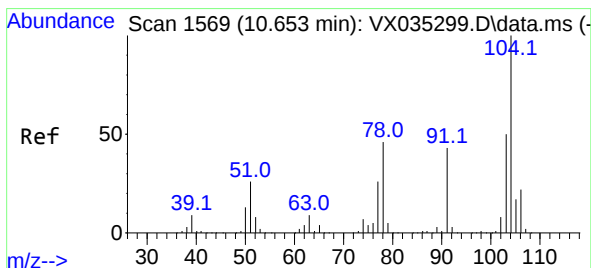
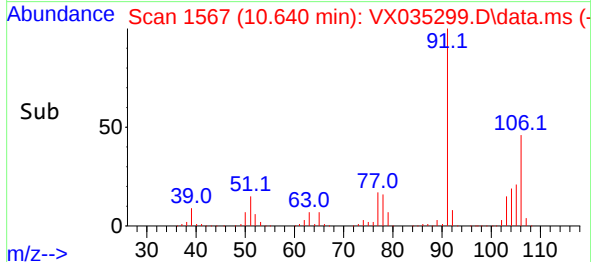
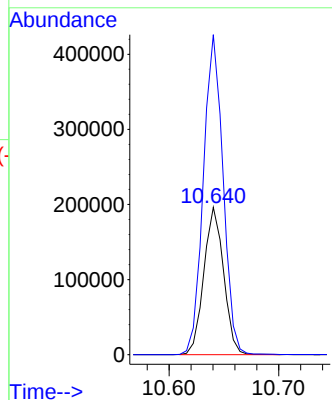
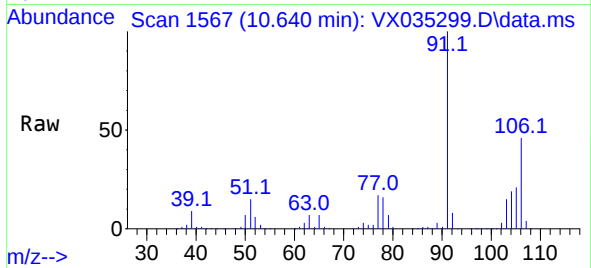




#54
o-Xylene
Concen: 48.407 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

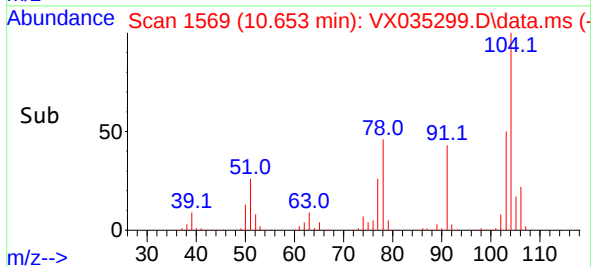
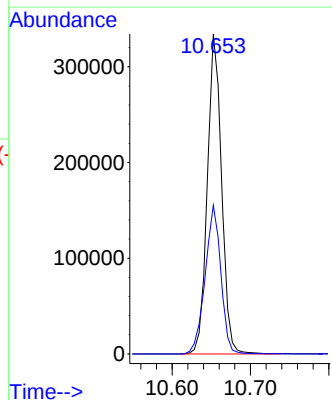
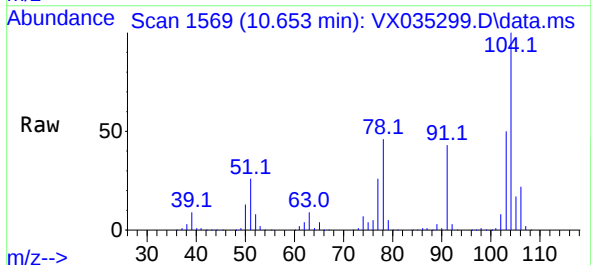
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

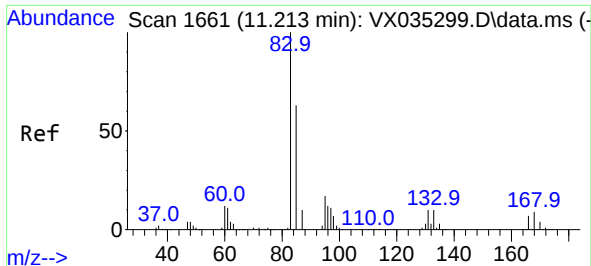
Tgt Ion:106 Resp: 245815
Ion Ratio Lower Upper
106 100
91 217.2 153.9 285.7



#55
Styrene
Concen: 49.015 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion:104 Resp: 421712
Ion Ratio Lower Upper
104 100
78 46.5 33.5 62.3

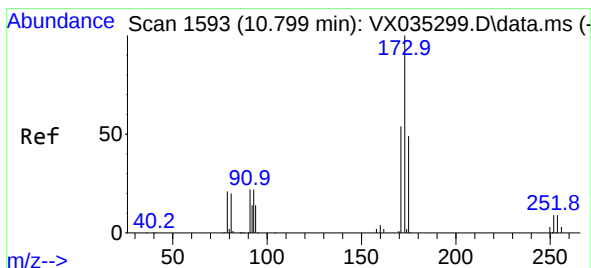
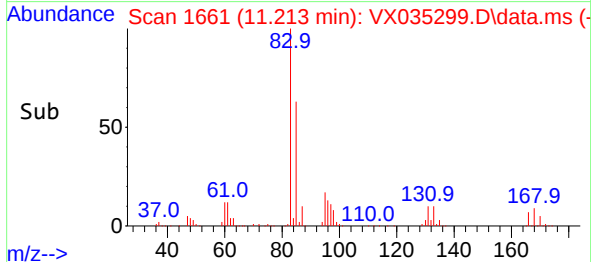
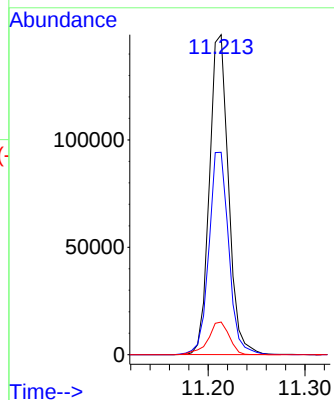
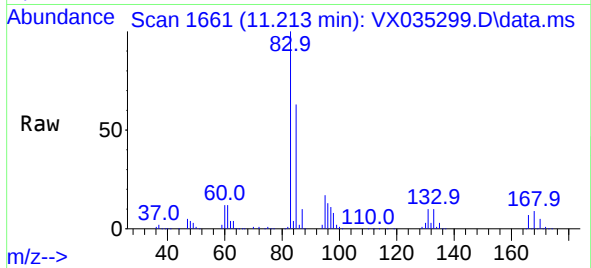




#57
1,1,2,2-Tetrachloroethane
Concen: 47.203 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

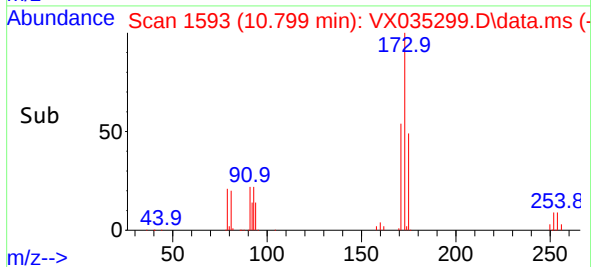
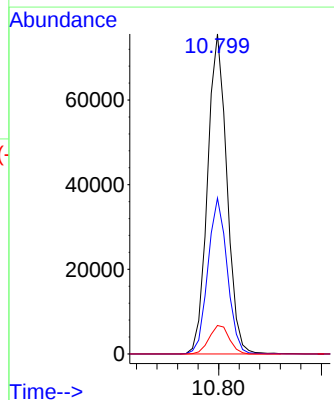
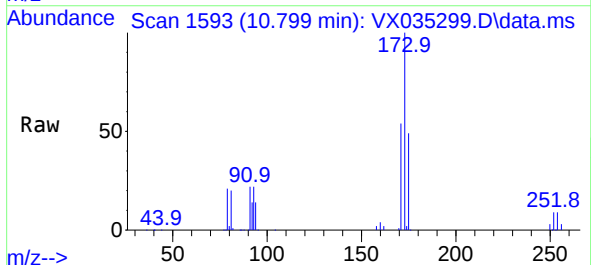
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

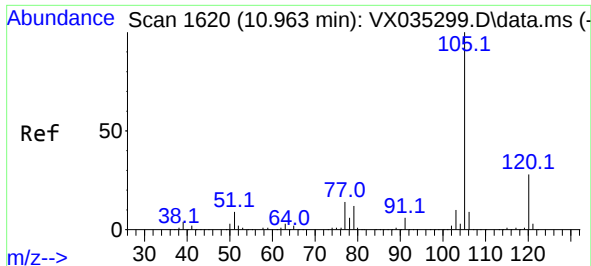
Tgt Ion: 83 Resp: 204398
Ion Ratio Lower Upper
83 100
85 63.2 46.0 85.4
131 10.2 8.3 12.5



#59
Bromoform
Concen: 46.630 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 173 Resp: 98814
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.4
254 9.2 7.4 11.0

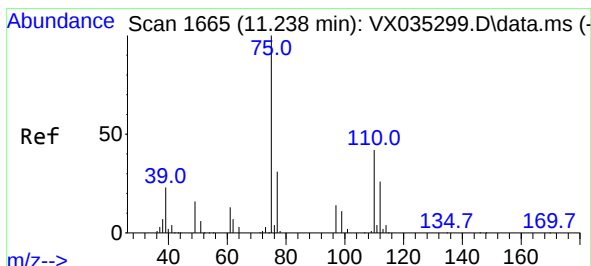
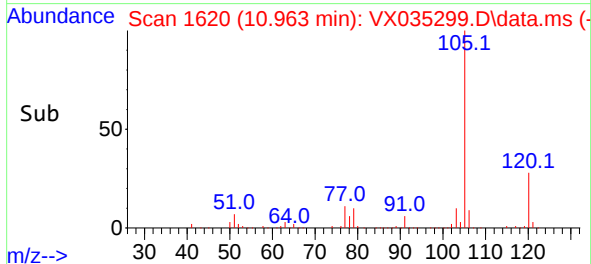
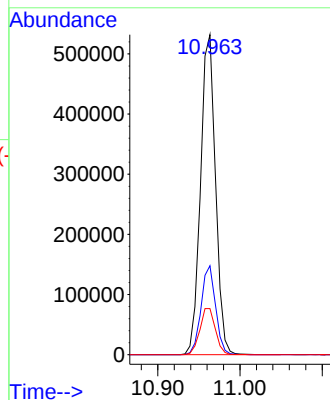
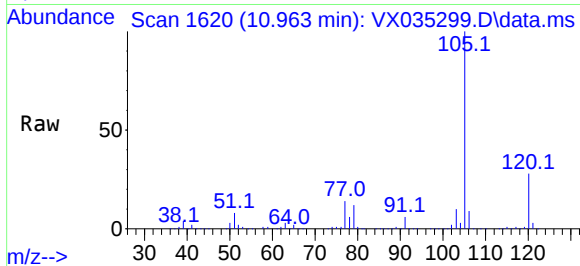




#60
Isopropylbenzene
Concen: 48.062 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

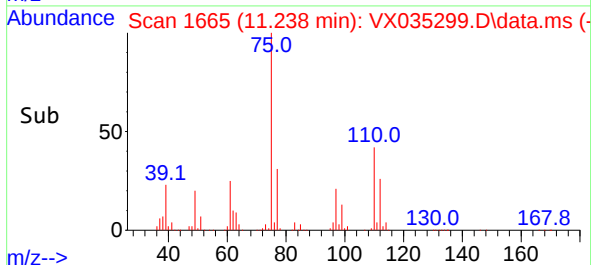
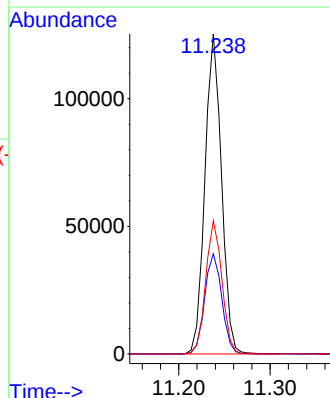
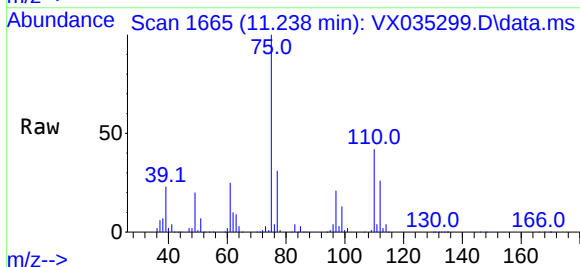
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

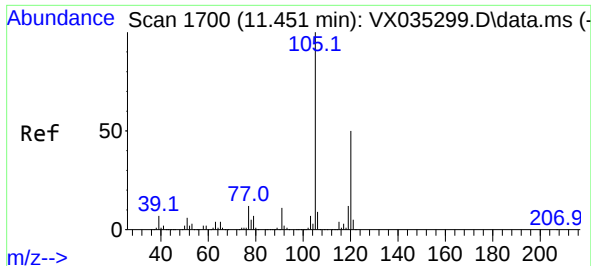
Tgt Ion:105 Resp: 672764
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 15.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 41.472 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion: 75 Resp: 157621
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
110 40.8 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 49.643 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

Instrument :

MSVOA_X

ClientSampleId :

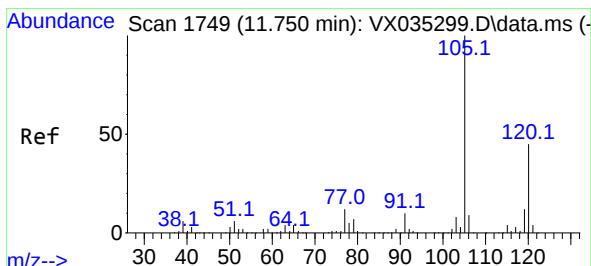
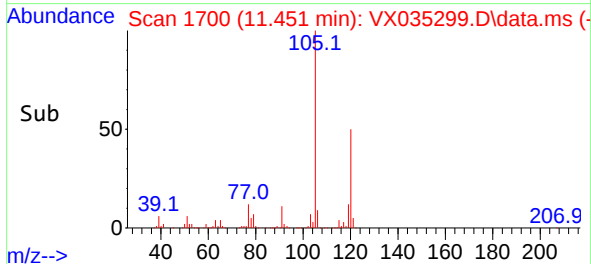
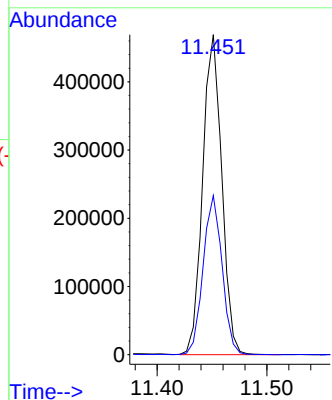
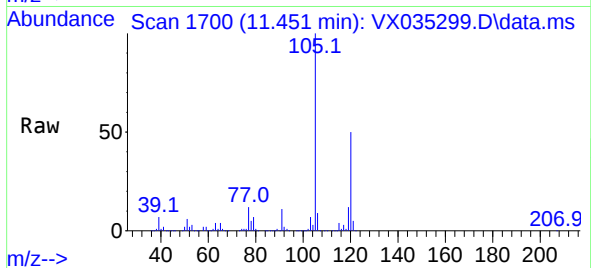
VSTD050637

Tgt Ion:105 Resp: 568286

Ion Ratio Lower Upper

105 100

120 49.3 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 49.633 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035299.D

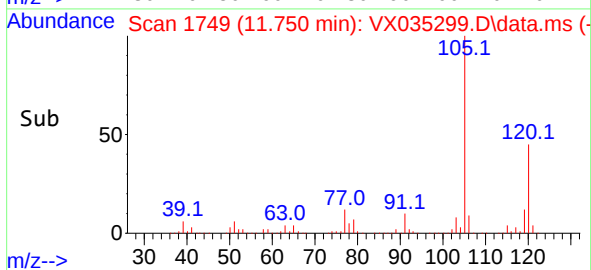
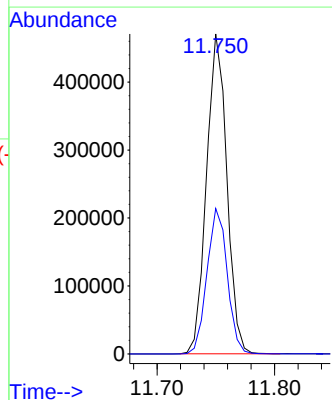
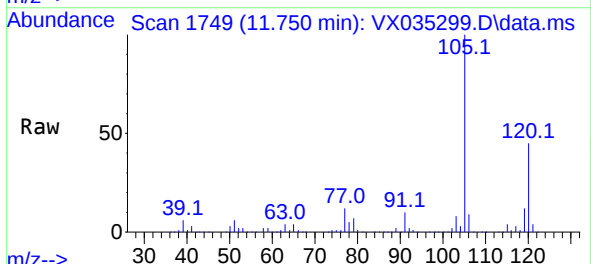
Acq: 26 Apr 2023 09:28

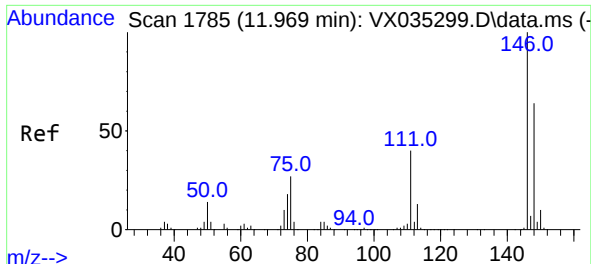
Tgt Ion:105 Resp: 564952

Ion Ratio Lower Upper

105 100

120 45.5 36.6 55.0

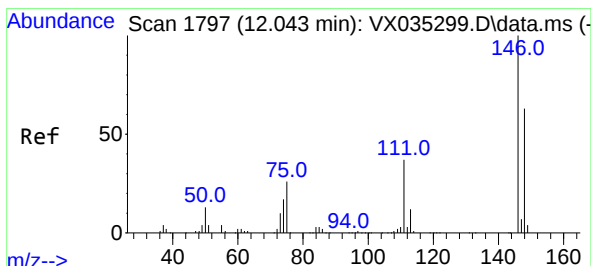
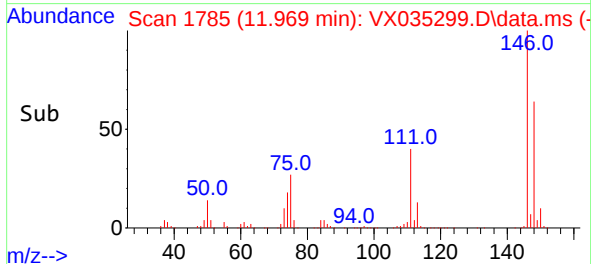
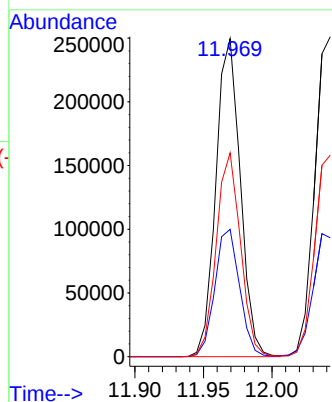
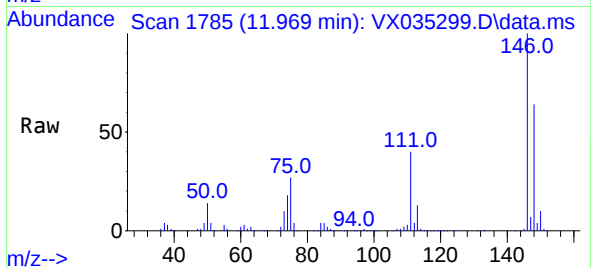




#64
1,3-Dichlorobenzene
Concen: 48.439 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

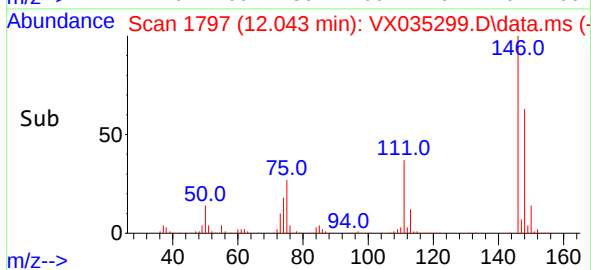
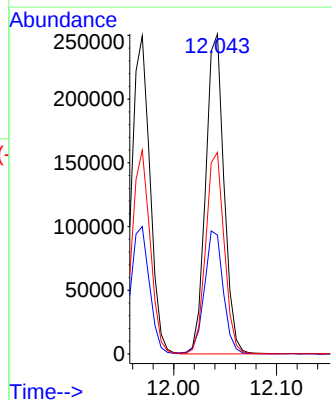
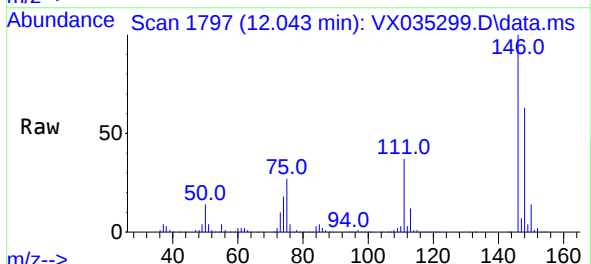
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

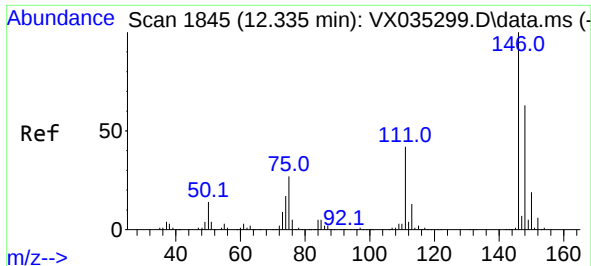
Tgt Ion:146 Resp: 309239
Ion Ratio Lower Upper
146 100
111 40.0 28.9 53.7
148 64.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 47.771 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion:146 Resp: 312071
Ion Ratio Lower Upper
146 100
111 37.1 27.9 51.7
148 63.0 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 46.718 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTD050637

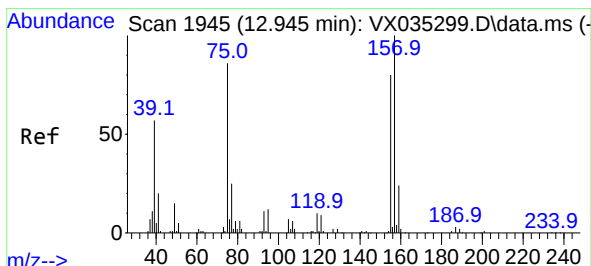
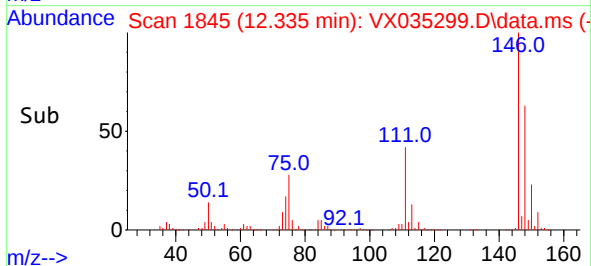
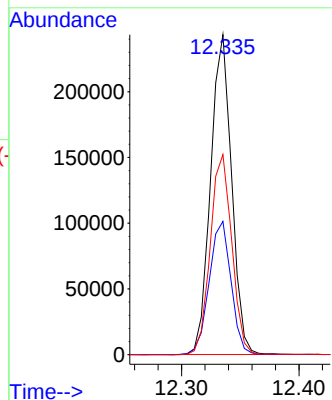
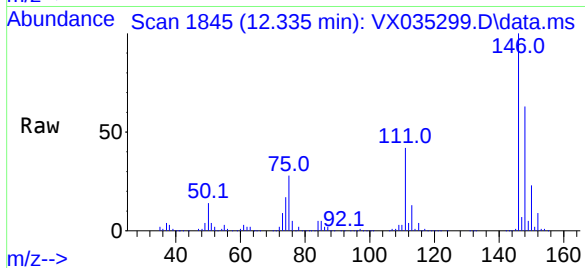
Tgt Ion:146 Resp: 302416

Ion Ratio Lower Upper

146 100

111 41.6 34.7 52.1

148 62.5 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 43.457 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX035299.D

Acq: 26 Apr 2023 09:28

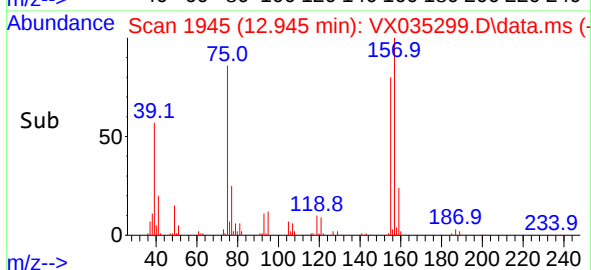
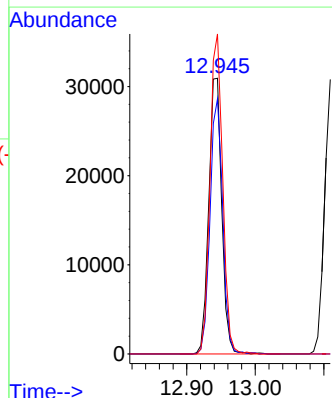
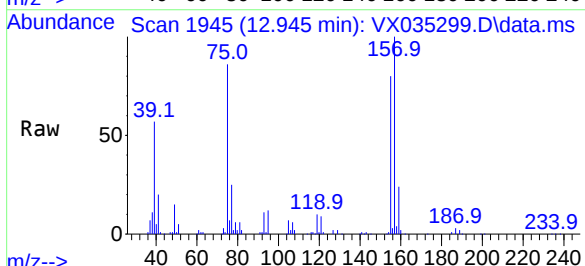
Tgt Ion: 75 Resp: 40755

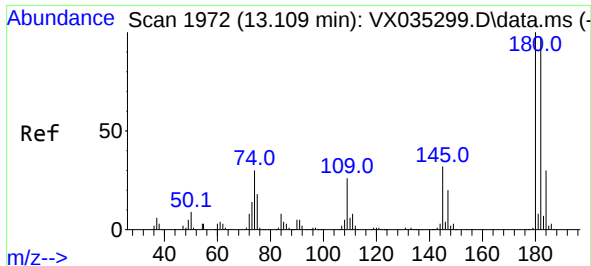
Ion Ratio Lower Upper

75 100

155 92.5 69.9 104.9

157 116.1 90.4 135.6

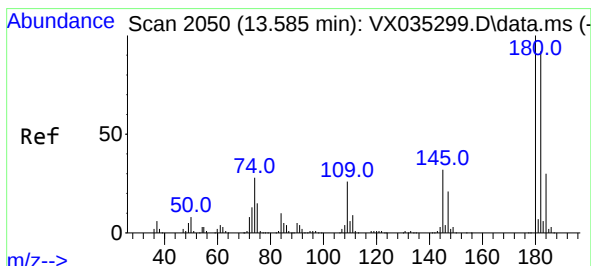
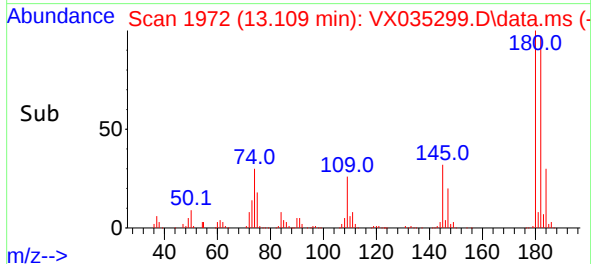
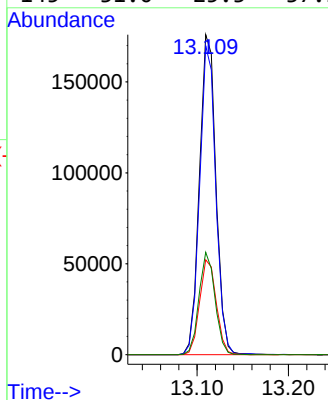
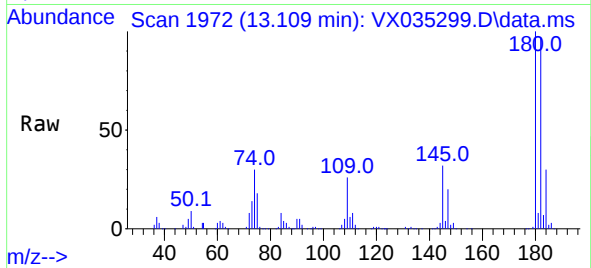




#69
1,3,5-Trichlorobenzene
Concen: 55.831 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

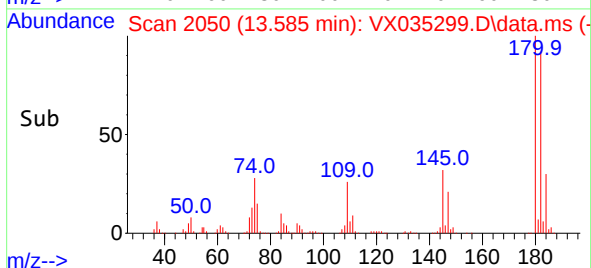
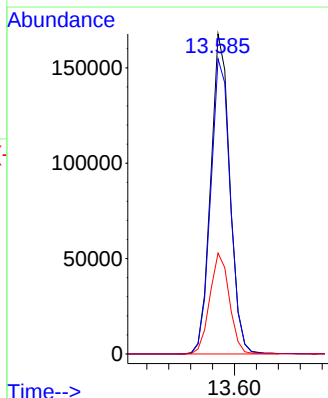
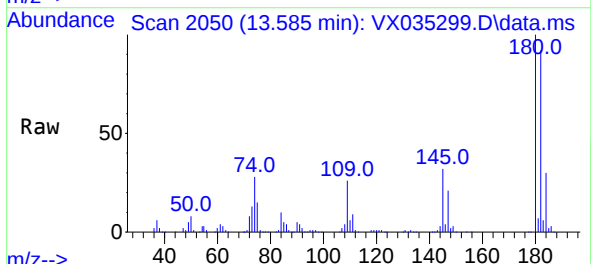
Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

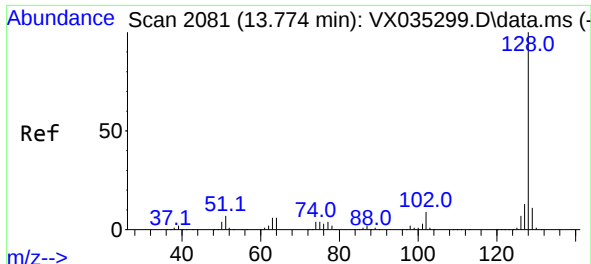
Tgt Ion:180 Resp: 220350
Ion Ratio Lower Upper
180 100
182 94.3 75.4 113.0
184 30.0 23.8 35.8
145 31.0 25.3 37.9



#70
1,2,4-trichlorobenzene
Concen: 55.084 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion:180 Resp: 203568
Ion Ratio Lower Upper
180 100
182 94.5 76.6 114.8
145 32.2 26.2 39.4



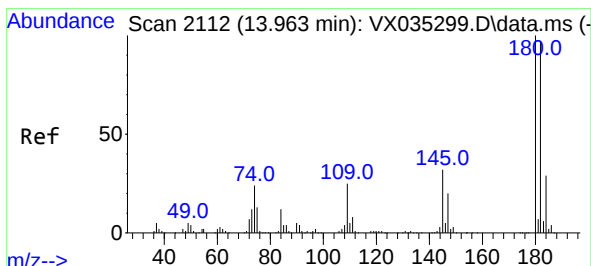
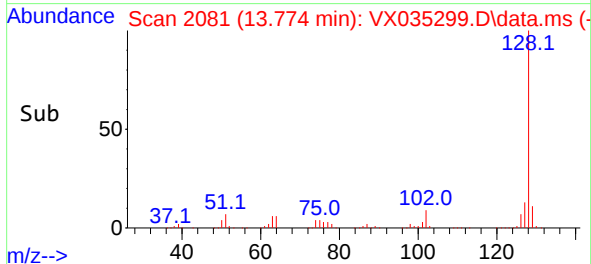
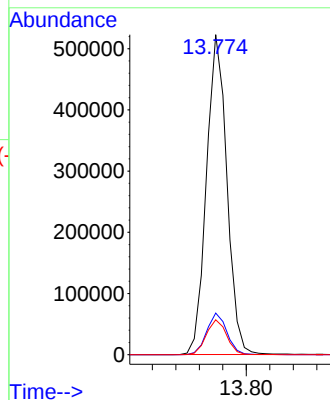
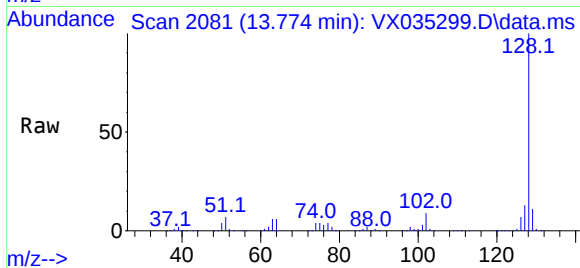


#71
Naphthalene
Concen: 48.013 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTD050637

Tgt Ion:128 Resp: 632032

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: 54.680 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035299.D
Acq: 26 Apr 2023 09:28

Tgt Ion:180 Resp: 199488

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.0	112.6
145	33.9	27.1	40.7

