

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037528.D
 Acq On : 06 Sep 2023 02:37
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 06 05:25:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	119901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104809	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88920	51.441	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.880%	
35) Dibromofluoromethane	5.385	113	80089	58.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.040%	
50) Toluene-d8	8.647	98	270341	53.995	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.000%	
62) 4-Bromofluorobenzene	11.079	95	113002	57.432	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	64070	46.001	ug/l	96
3) Chloromethane	1.301	50	67659	55.527	ug/l	98
4) Vinyl Chloride	1.374	62	70660	53.275	ug/l	99
5) Bromomethane	1.599	94	29871	45.214	ug/l	95
6) Chloroethane	1.673	64	39451	50.547	ug/l	100
7) Trichlorofluoromethane	1.880	101	106416	48.980	ug/l	99
8) Diethyl Ether	2.136	74	47236	56.196	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	62133	49.022	ug/l	96
10) Methyl Iodide	2.447	142	87298	56.670	ug/l	91
11) Tert butyl alcohol	2.971	59	103342	254.859	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	62998	51.041	ug/l	85
13) Acrolein	2.240	56	45456	147.359	ug/l	98
14) Allyl chloride	2.660	41	94540	49.487	ug/l #	87
15) Acrylonitrile	3.063	53	224198	309.776	ug/l	98
16) Acetone	2.380	43	181551	268.471	ug/l #	86
17) Carbon Disulfide	2.508	76	129992	41.405	ug/l	99
18) Methyl Acetate	2.703	43	148190	58.201	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	257275	54.961	ug/l	98
20) Methylene Chloride	2.788	84	82959	54.857	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	71395	50.885	ug/l	86
22) Diisopropyl ether	3.764	45	219123	55.895	ug/l #	80
23) Vinyl Acetate	3.721	43	787536	262.151	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	134722	54.802	ug/l	95
25) 2-Butanone	4.556	43	284117	279.034	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	59594	27.144	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	89358	54.023	ug/l	83
28) Bromochloromethane	4.898	49	59835	54.485	ug/l #	70
29) Tetrahydrofuran	5.007	42	181609	279.680	ug/l #	82
30) Chloroform	5.093	83	149532	54.185	ug/l	96
31) Cyclohexane	5.471	56	92585	47.635	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	125920	50.918	ug/l	95
36) 1,1-Dichloropropene	5.696	75	94143	48.008	ug/l	96
37) Ethyl Acetate	4.715	43	106854	53.343	ug/l #	92
38) Carbon Tetrachloride	5.678	117	106248	49.878	ug/l	99
39) Methylcyclohexane	7.379	83	105749	51.327	ug/l	90
40) Benzene	6.038	78	306405	54.481	ug/l	99

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Instrument :
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 ClientSampleId :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59751	57.378	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	111878	50.726	ug/l	93
43) Isopropyl Acetate	6.342	43	171854	54.038	ug/l #	89
44) Trichloroethene	7.123	130	80899	50.728	ug/l	93
45) 1,2-Dichloropropane	7.428	63	79861	57.589	ug/l	98
46) Dibromomethane	7.580	93	60123	55.035	ug/l	93
47) Bromodichloromethane	7.824	83	114887	54.905	ug/l	98
48) Methyl methacrylate	7.696	41	83742	53.994	ug/l #	79
49) 1,4-Dioxane	7.659	88	48324	1156.914	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	562758	291.412	ug/l	88
52) Toluene	8.720	92	200410	53.932	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	111577	50.080	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	122003	50.674	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	91469	60.450	ug/l	98
56) Ethyl methacrylate	9.116	69	137102	57.847	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	147980	58.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	305634	268.714	ug/l	92
59) 2-Hexanone	9.433	43	431917	293.332	ug/l	84
60) Dibromochloromethane	9.525	129	94724	58.797	ug/l	100
61) 1,2-Dibromoethane	9.610	107	95223	57.478	ug/l	100
64) Tetrachloroethene	9.275	164	69353	48.181	ug/l	98
65) Chlorobenzene	10.080	112	224332	53.793	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	87238	56.679	ug/l	100
67) Ethyl Benzene	10.195	91	383858	52.310	ug/l	98
68) m/p-Xylenes	10.299	106	301896	106.534	ug/l	97
69) o-Xylene	10.640	106	152862	54.674	ug/l	97
70) Styrene	10.653	104	261120	56.698	ug/l	96
71) Bromoform	10.799	173	70124	60.908	ug/l #	99
73) Isopropylbenzene	10.964	105	395255	51.884	ug/l	99
74) N-amyl acetate	10.842	43	152227	51.427	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.214	83	147224	57.385	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	154724	69.318	ug/l	91
77) Bromobenzene	11.195	156	98514	52.950	ug/l	91
78) n-propylbenzene	11.305	91	443383	52.268	ug/l	98
79) 2-Chlorotoluene	11.366	91	281581	51.944	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	342118	53.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35850	44.860	ug/l	86
82) 4-Chlorotoluene	11.451	91	317058	50.668	ug/l	97
83) tert-Butylbenzene	11.713	119	341285	56.313	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	345021	53.721	ug/l	98
85) sec-Butylbenzene	11.890	105	412650	58.292	ug/l	98
86) p-Isopropyltoluene	12.006	119	351649	57.705	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	185073	53.131	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	183544	51.001	ug/l	99
89) n-Butylbenzene	12.329	91	288428	57.088	ug/l	99
90) Hexachloroethane	12.536	117	62311	61.262	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	190115	55.737	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32211	54.034	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	110497	55.365	ug/l	98
94) Hexachlorobutadiene	13.725	225	45756	59.345	ug/l	98
95) Naphthalene	13.774	128	416798	47.675	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	113576	57.279	ug/l	98

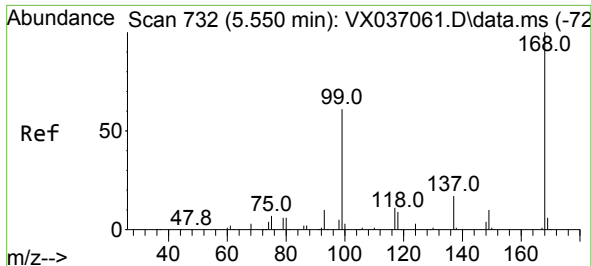
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
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Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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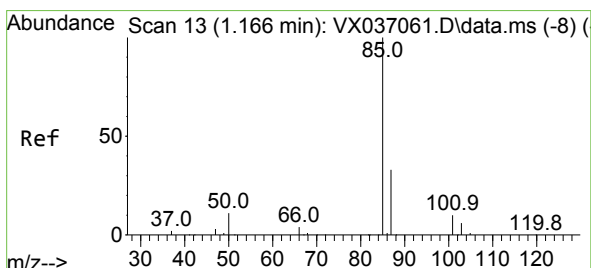
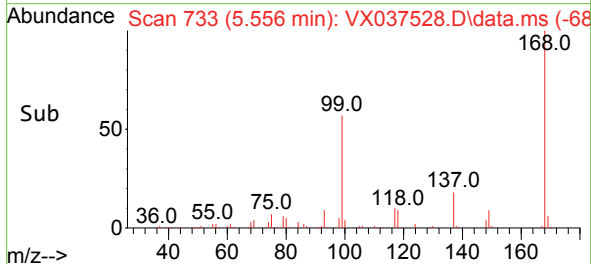
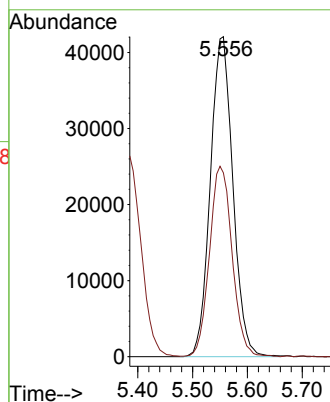
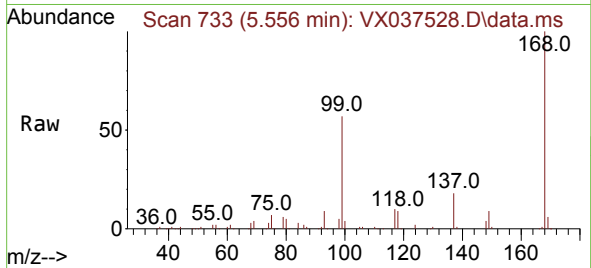
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

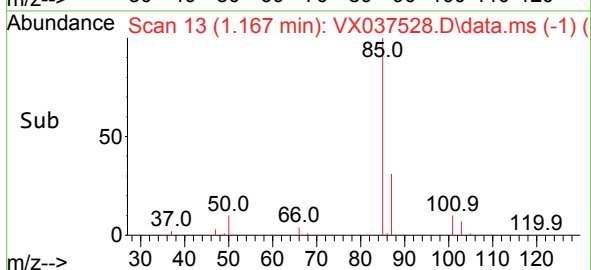
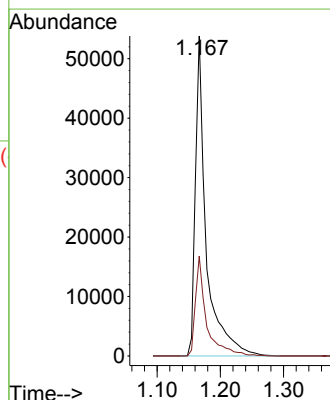
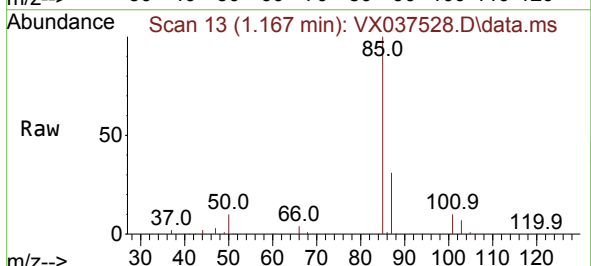
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

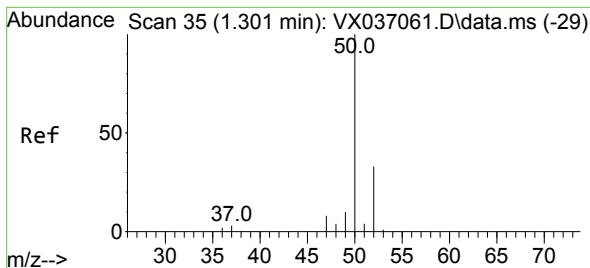
Tgt Ion:168 Resp: 119901
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 46.001 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 85 Resp: 64070
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1





#3

Chloromethane

Concen: 55.527 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

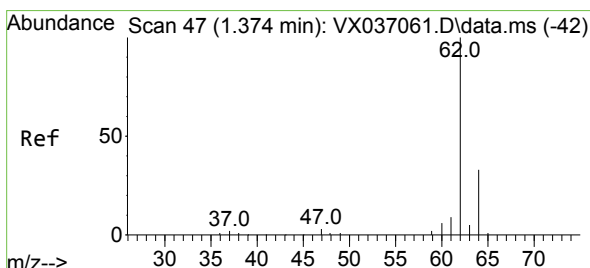
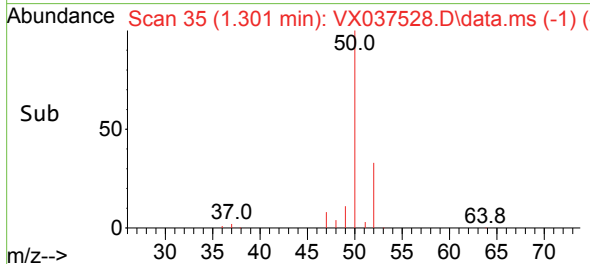
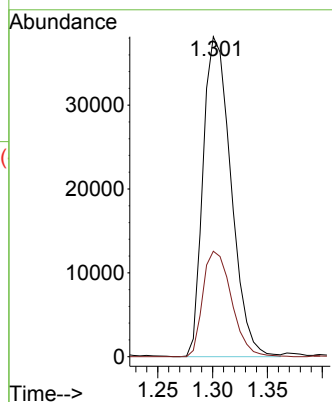
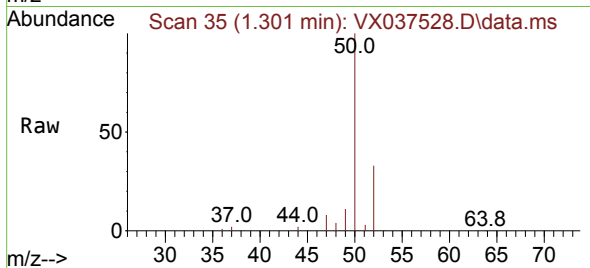
VSTDCCC050

Tgt Ion: 50 Resp: 67659

Ion Ratio Lower Upper

50 100

52 33.0 25.5 38.3



#4

Vinyl Chloride

Concen: 53.275 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX037528.D

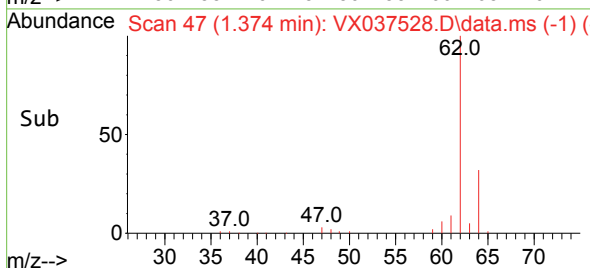
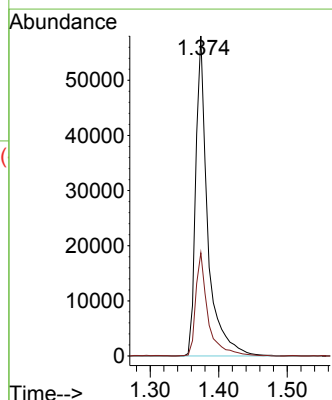
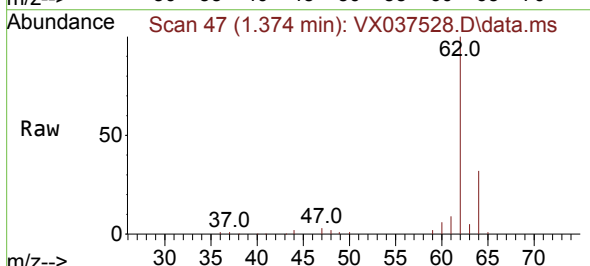
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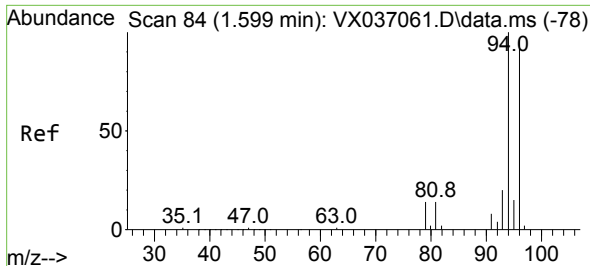
Tgt Ion: 62 Resp: 70660

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0

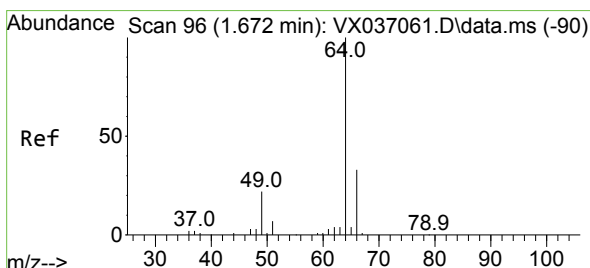
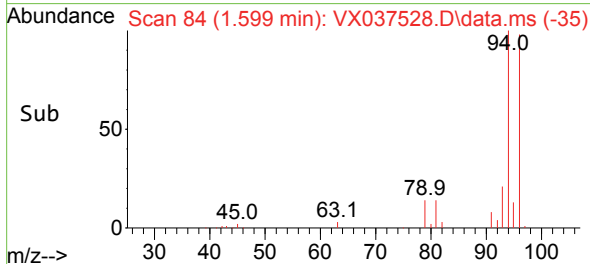
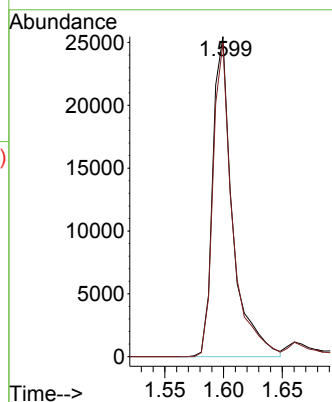
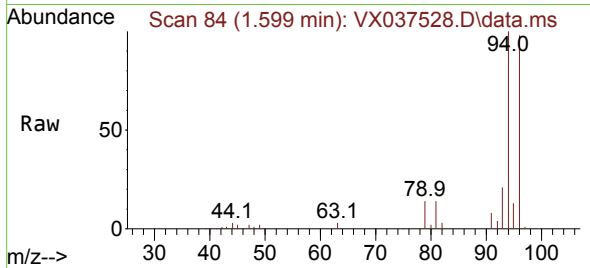




#5
Bromomethane
Concen: 45.214 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

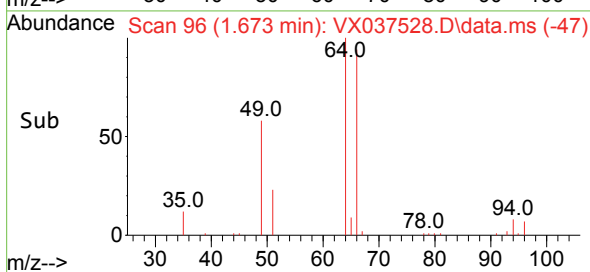
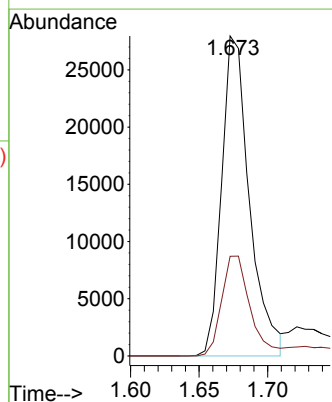
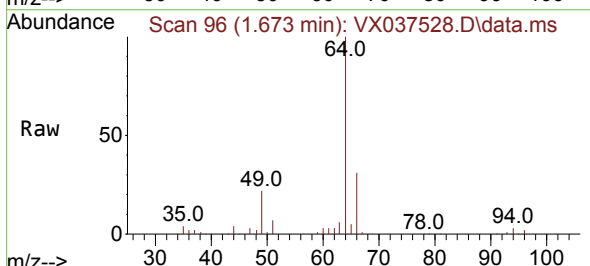
Instrument :
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ClientSampleId :
VSTDCCC050

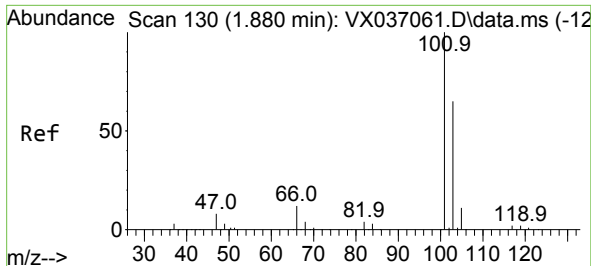
Tgt Ion: 94 Resp: 29871
Ion Ratio Lower Upper
94 100
96 98.1 74.6 111.8



#6
Chloroethane
Concen: 50.547 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.001 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 64 Resp: 39451
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7

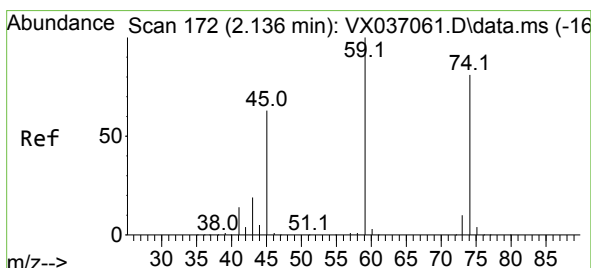
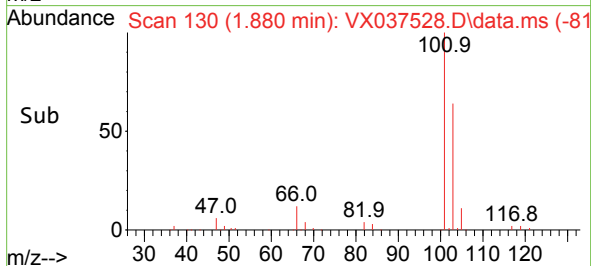
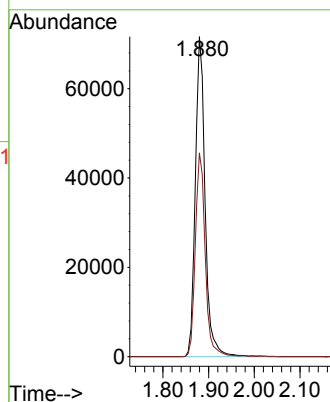
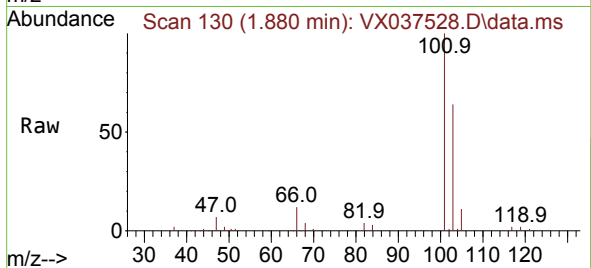




#7
Trichlorofluoromethane
Concen: 48.980 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

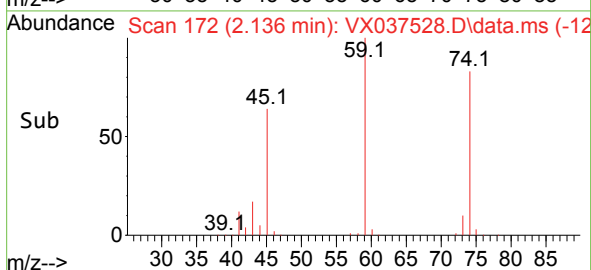
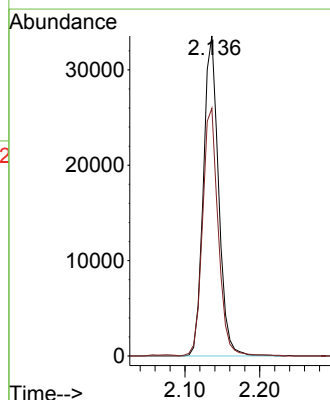
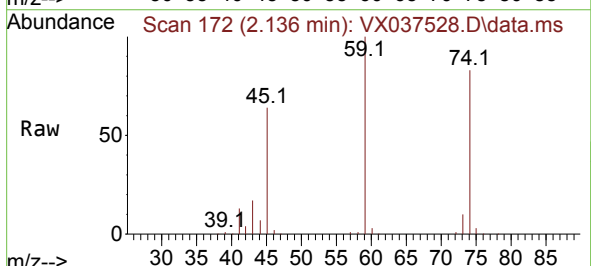
Instrument :
MSVOA_X
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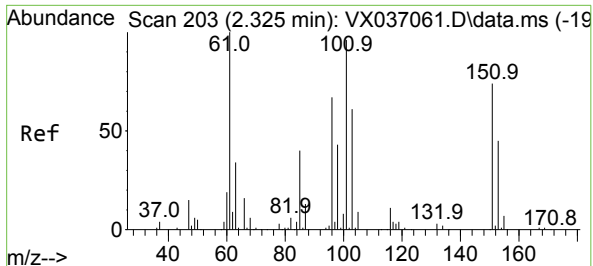
Tgt Ion:101 Resp: 106416
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2



#8
Diethyl Ether
Concen: 56.196 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 74 Resp: 47236
Ion Ratio Lower Upper
74 100
45 80.0 53.3 159.8

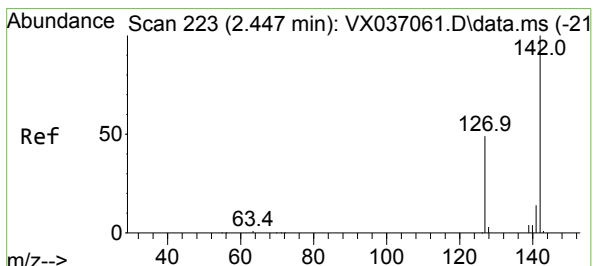
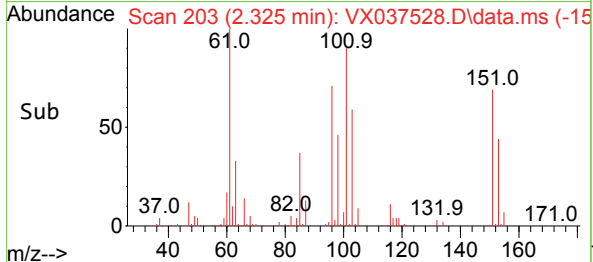
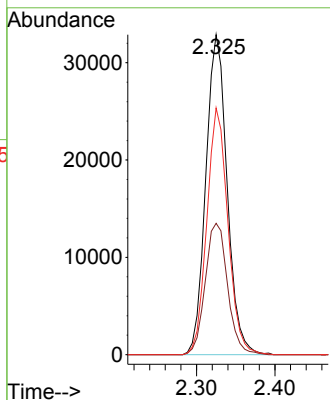
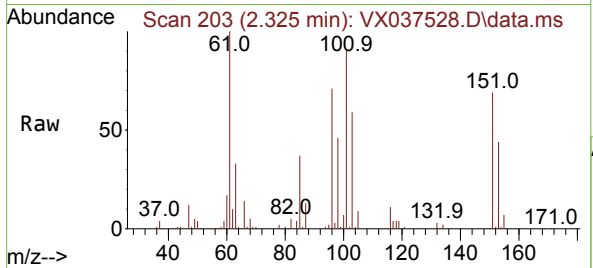




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.022 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037528.D
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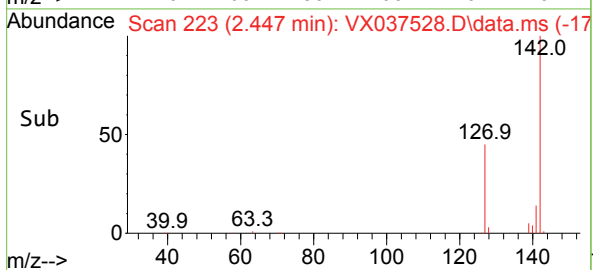
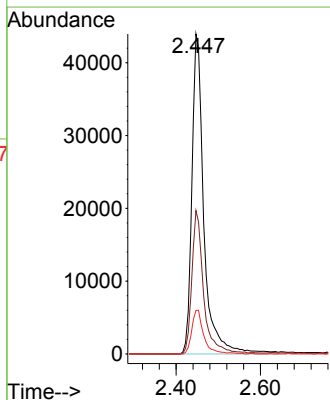
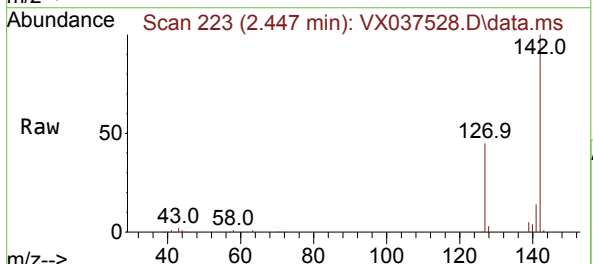
Instrument :
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ClientSampleId :
VSTDCCC050

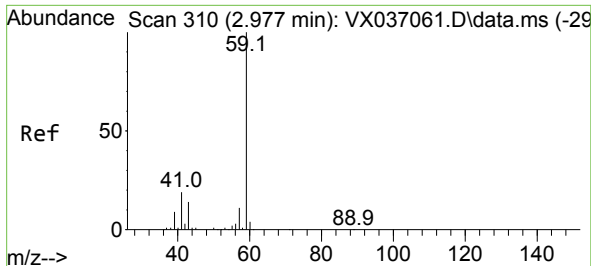
Tgt Ion:101 Resp: 62133
Ion Ratio Lower Upper
101 100
85 43.1 37.0 55.6
151 76.4 58.6 87.8



#10
Methyl Iodide
Concen: 56.670 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion:142 Resp: 87298
Ion Ratio Lower Upper
142 100
127 43.9 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 254.859 ug/l

RT: 2.971 min Scan# 310

Delta R.T. -0.006 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

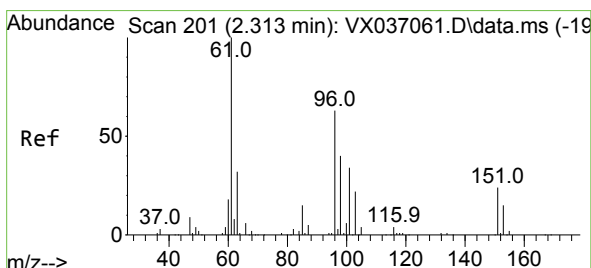
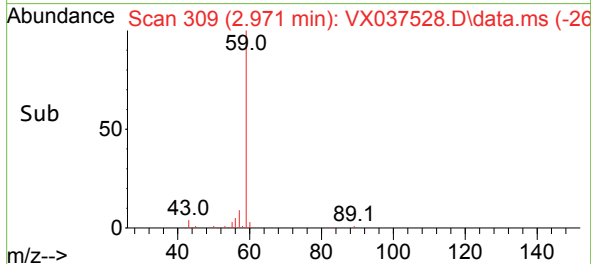
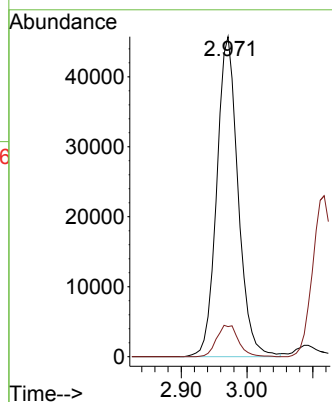
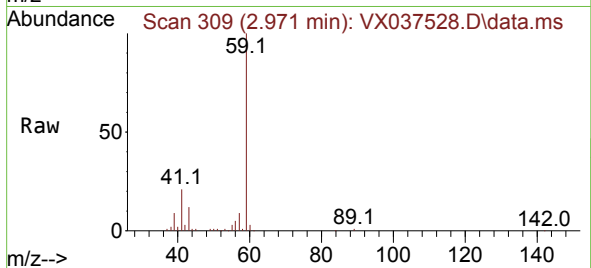
VSTDCCC050

Tgt Ion: 59 Resp: 103342

Ion Ratio Lower Upper

59 100

57 10.1 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 51.041 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

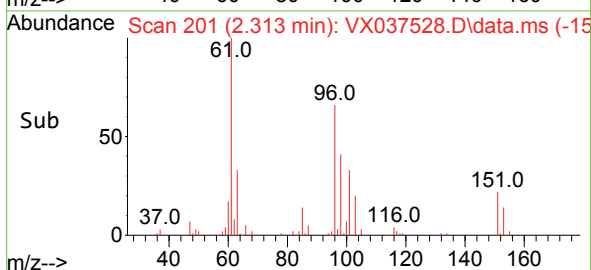
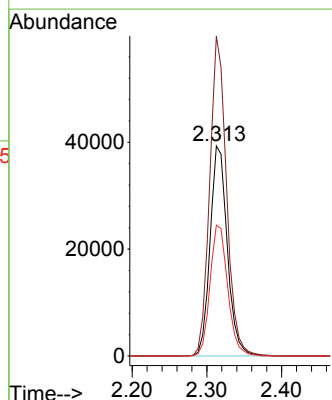
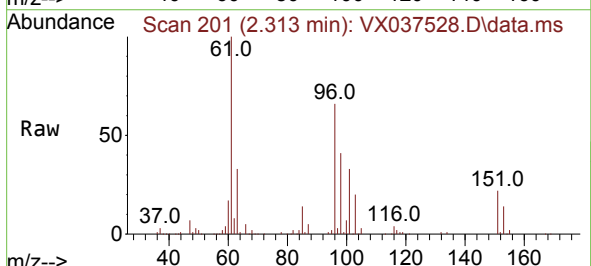
Tgt Ion: 96 Resp: 62998

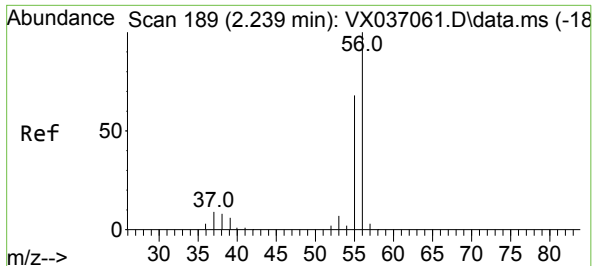
Ion Ratio Lower Upper

96 100

61 152.3 144.6 216.8

98 62.3 50.4 75.6

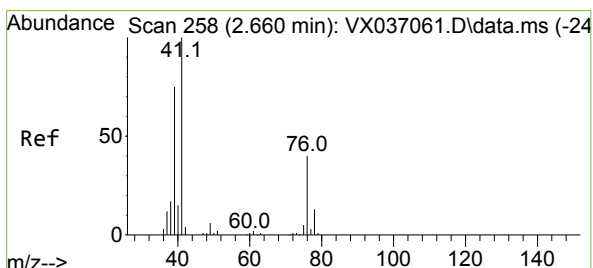
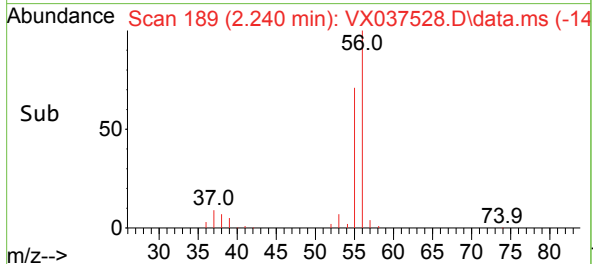
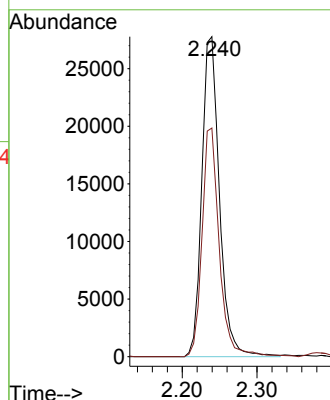
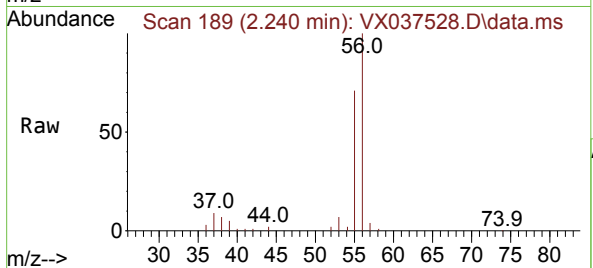




#13
Acrolein
Concen: 147.359 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

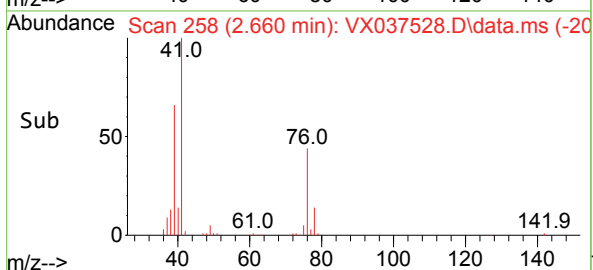
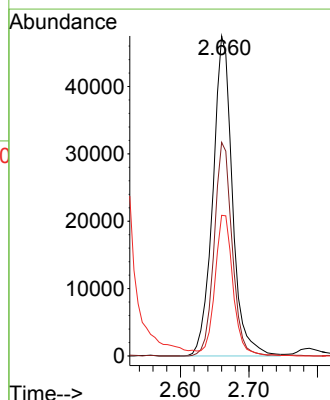
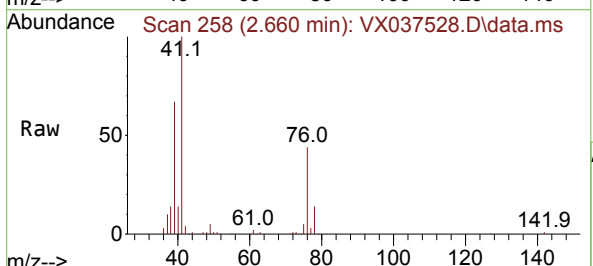
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

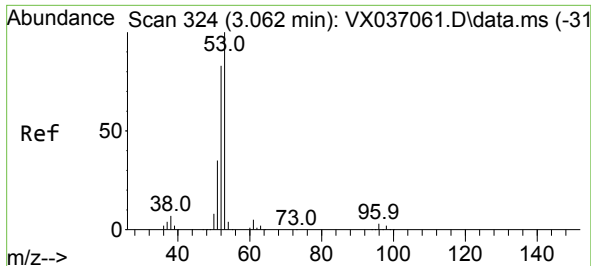
Tgt Ion: 56 Resp: 45456
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7



#14
Allyl chloride
Concen: 49.487 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 41 Resp: 94540
Ion Ratio Lower Upper
41 100
39 61.3 55.8 83.6
76 40.7 24.3 36.5

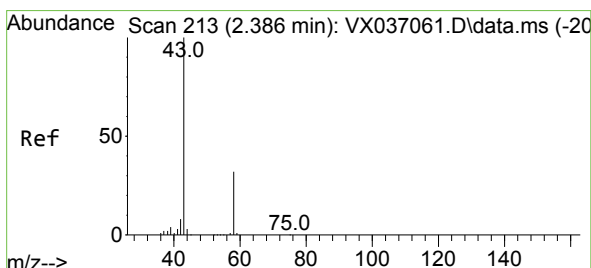
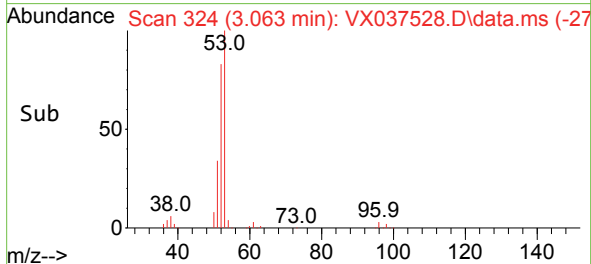
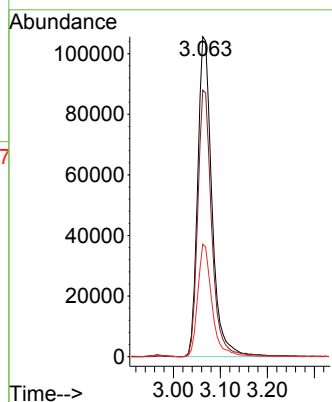
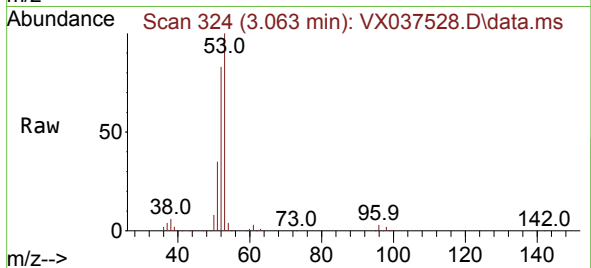




#15
Acrylonitrile
Concen: 309.776 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

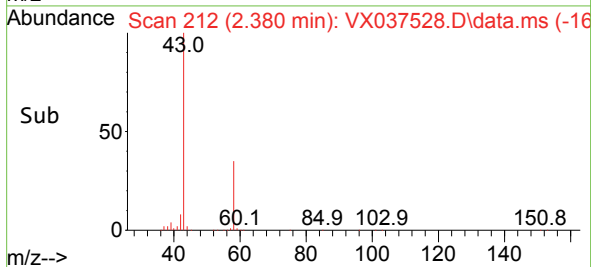
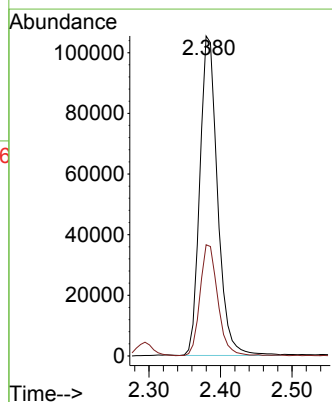
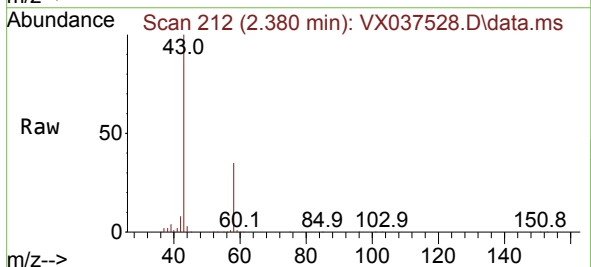
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

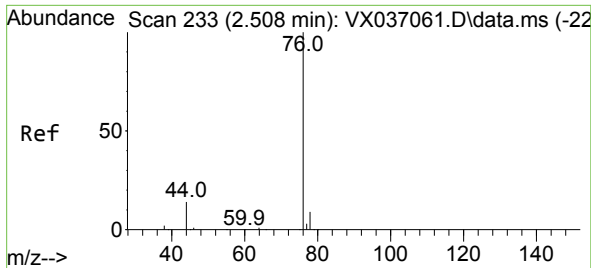
Tgt Ion: 53 Resp: 224198
Ion Ratio Lower Upper
53 100
52 81.6 66.0 99.0
51 35.0 29.8 44.6



#16
Acetone
Concen: 268.471 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 43 Resp: 181551
Ion Ratio Lower Upper
43 100
58 34.6 21.9 32.9#





#17

Carbon Disulfide

Concen: 41.405 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

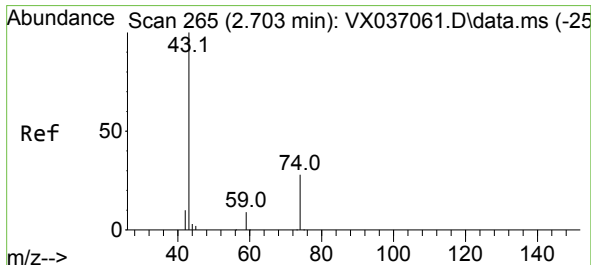
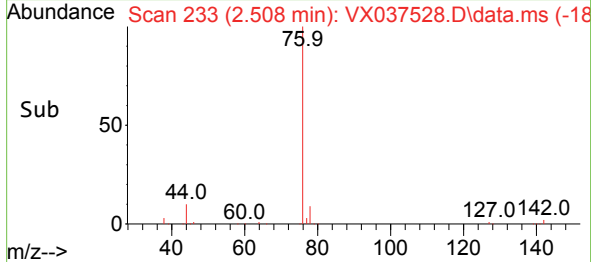
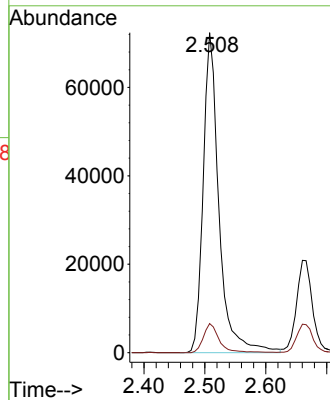
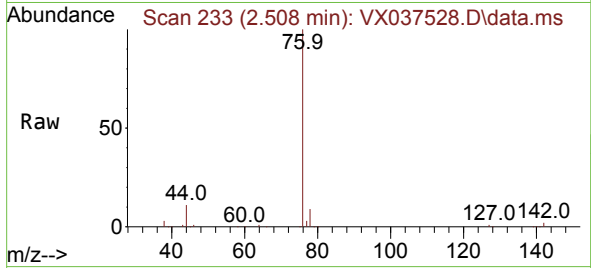
VSTDCCC050

Tgt Ion: 76 Resp: 129992

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 58.201 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX037528.D

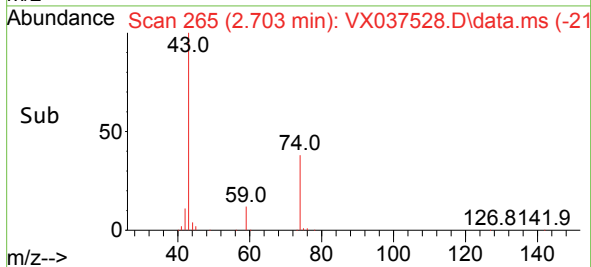
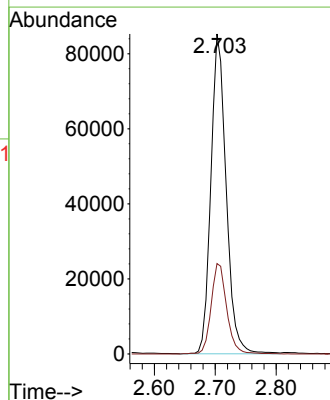
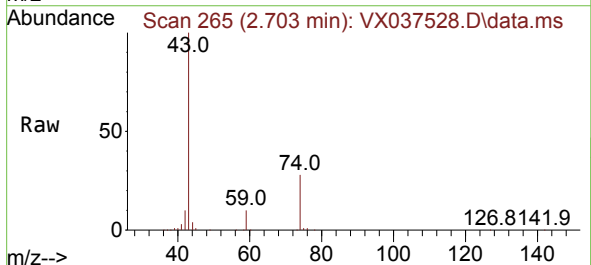
Acq: 06 Sep 2023 02:37

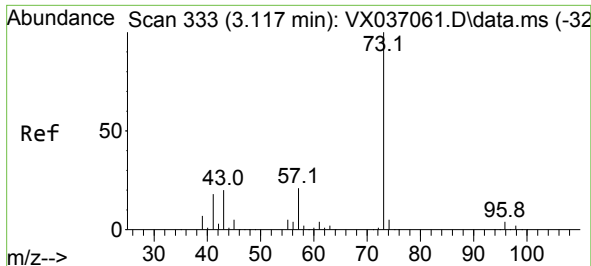
Tgt Ion: 43 Resp: 148190

Ion Ratio Lower Upper

43 100

74 28.9 17.8 26.8#

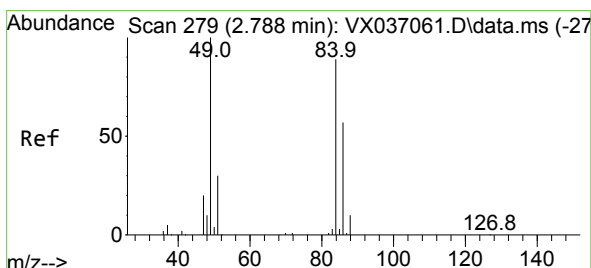
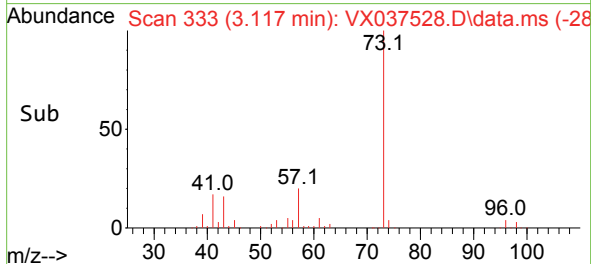
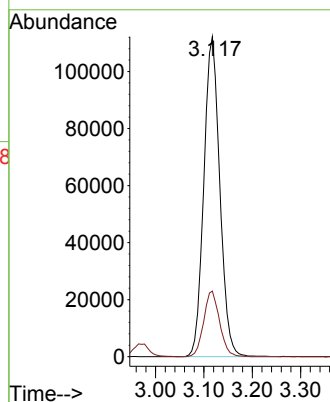
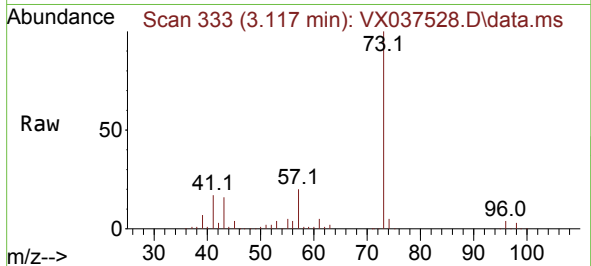




#19
Methyl tert-butyl Ether
Concen: 54.961 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

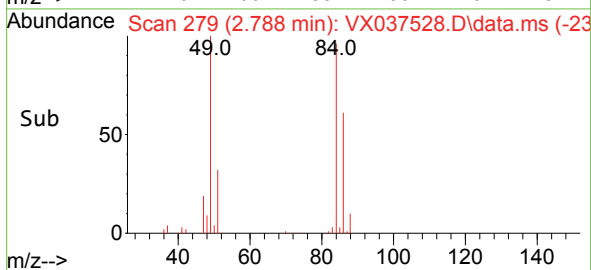
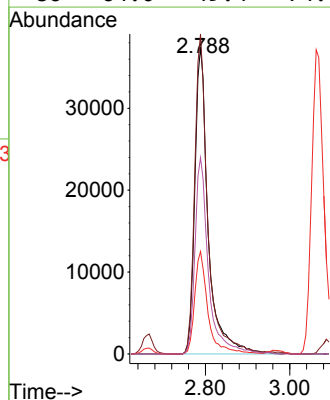
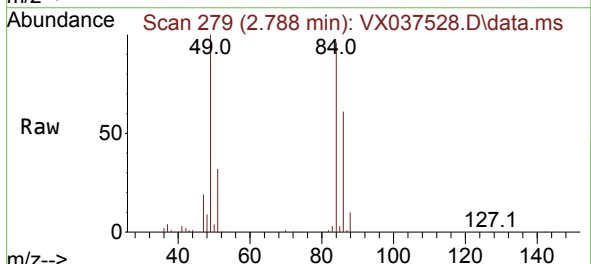
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

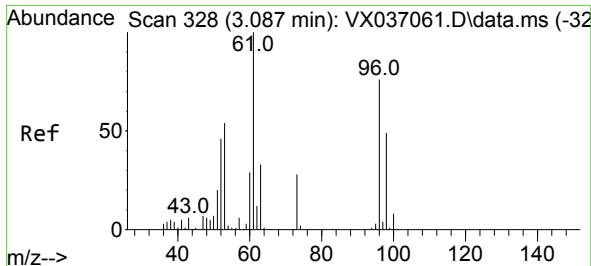
Tgt Ion: 73 Resp: 257275
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 54.857 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 84 Resp: 82959
Ion Ratio Lower Upper
84 100
49 104.4 103.6 155.4
51 33.4 33.8 50.6#
86 64.0 49.4 74.0

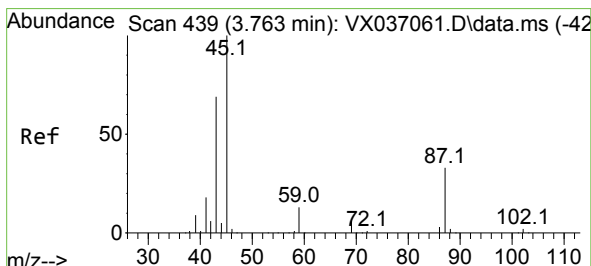
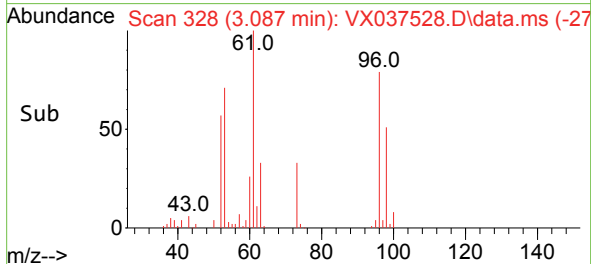
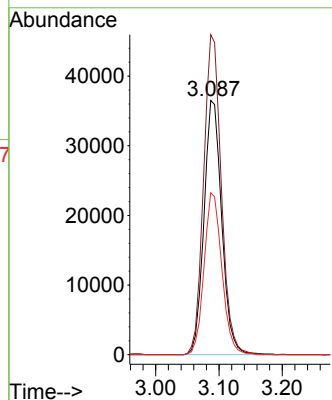
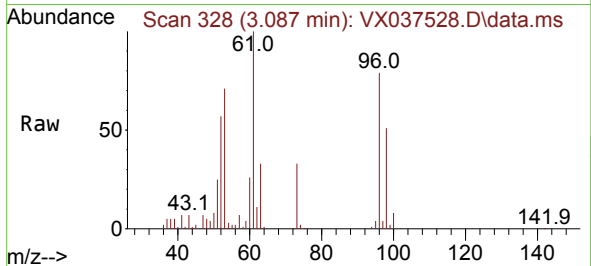




#21
trans-1,2-Dichloroethene
Concen: 50.885 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

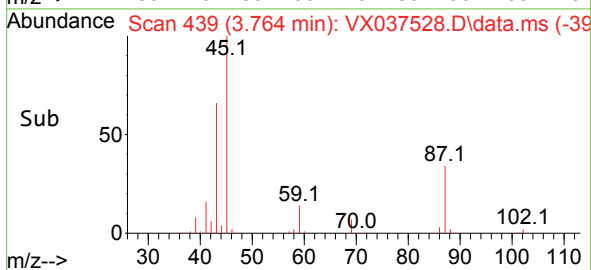
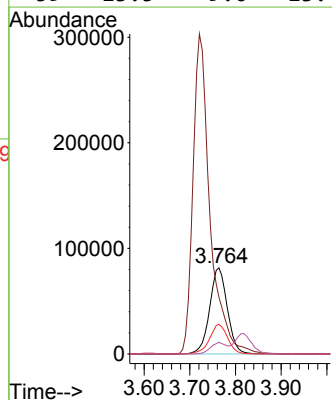
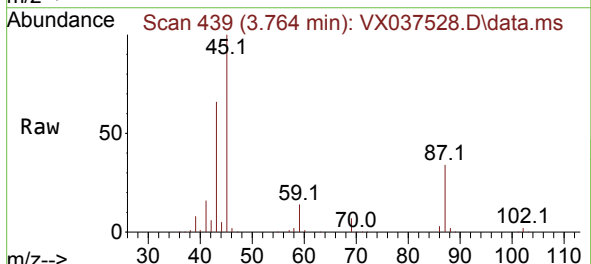
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

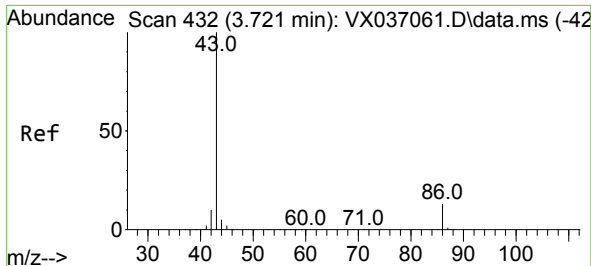
Tgt Ion: 96 Resp: 71395
Ion Ratio Lower Upper
96 100
61 125.9 119.2 178.8
98 63.7 48.7 73.1



#22
Diisopropyl ether
Concen: 55.895 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 45 Resp: 219123
Ion Ratio Lower Upper
45 100
43 65.5 69.7 104.5#
87 34.5 20.8 31.2#
59 13.5 9.0 13.4#

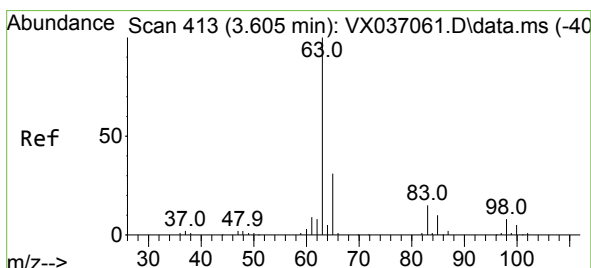
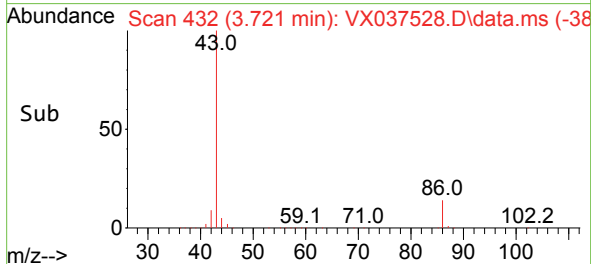
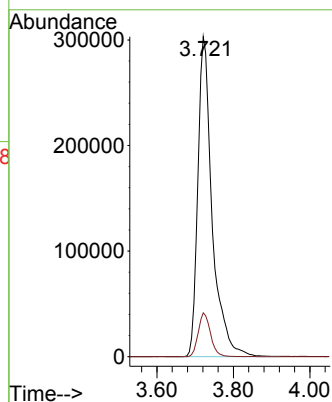
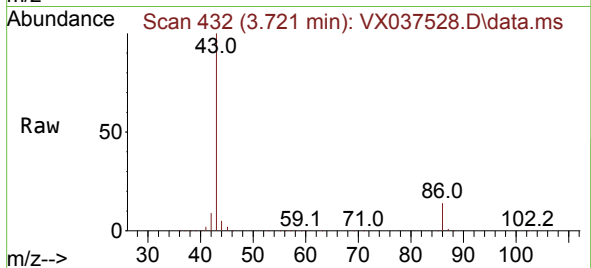




#23
 Vinyl Acetate
 Concen: 262.151 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX037528.D
 Acq: 06 Sep 2023 02:37

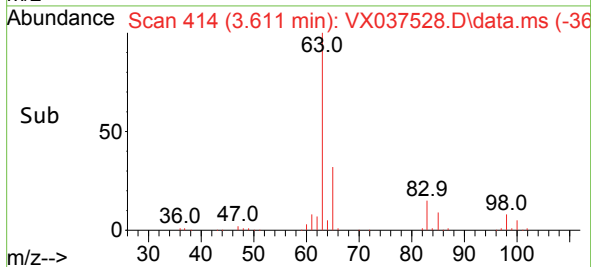
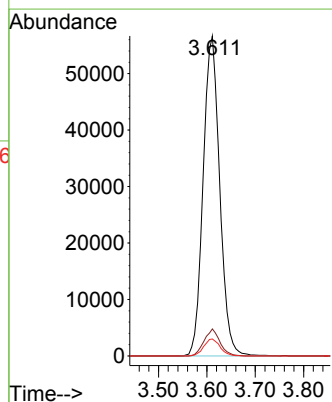
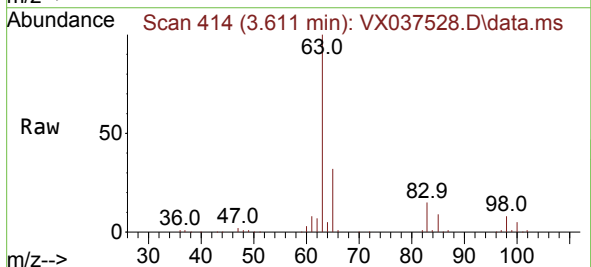
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

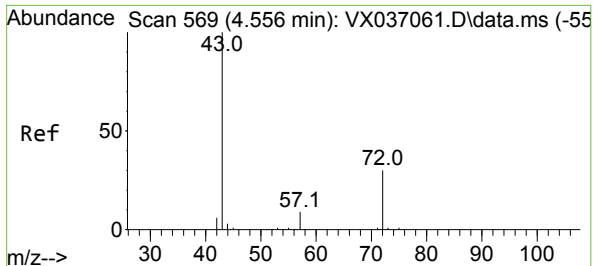
Tgt Ion: 43 Resp: 787536
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 54.802 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037528.D
 Acq: 06 Sep 2023 02:37

Tgt Ion: 63 Resp: 134722
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.3 9.8
 100 5.3 2.1 6.5





#25

2-Butanone

Concen: 279.034 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

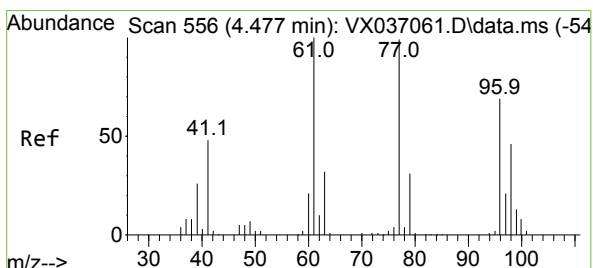
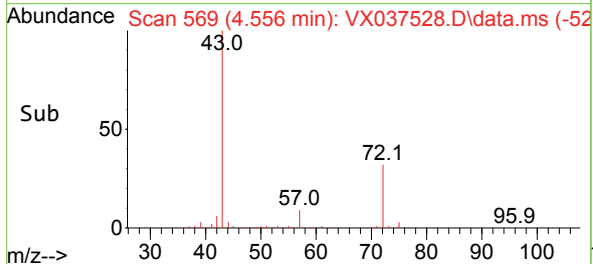
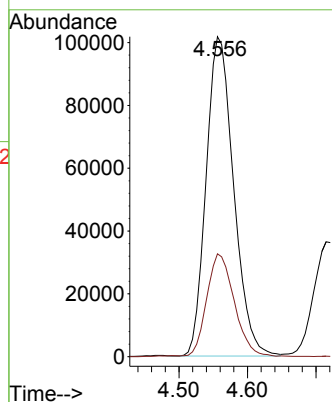
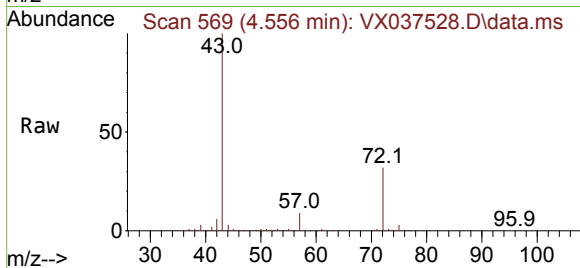
VSTDCCC050

Tgt Ion: 43 Resp: 284117

Ion Ratio Lower Upper

43 100

72 32.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 27.144 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX037528.D

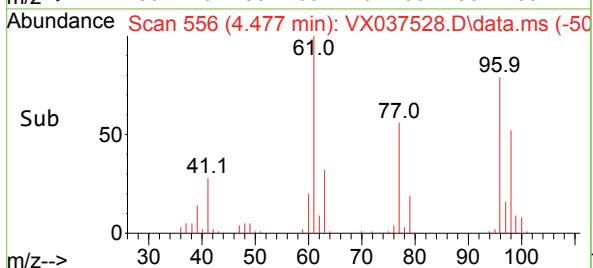
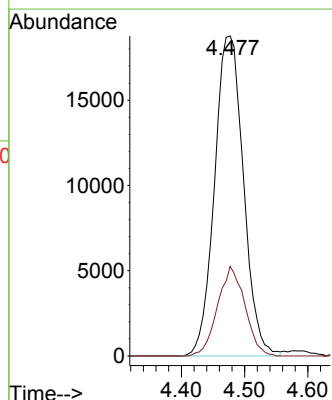
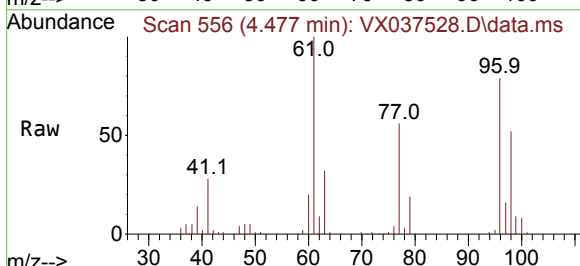
Acq: 06 Sep 2023 02:37

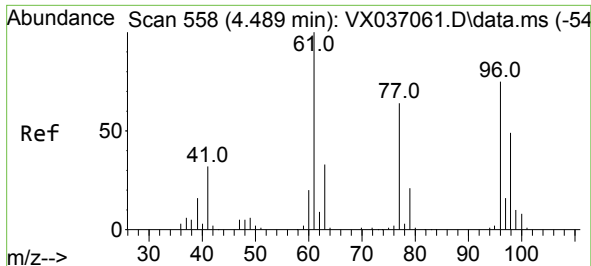
Tgt Ion: 77 Resp: 59594

Ion Ratio Lower Upper

77 100

97 26.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 54.023 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

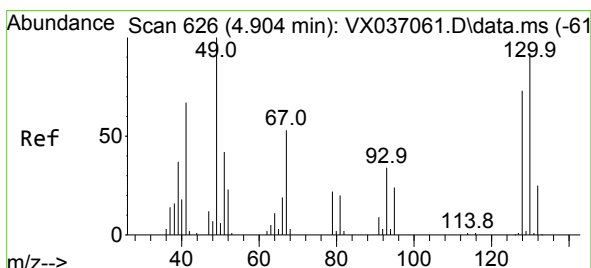
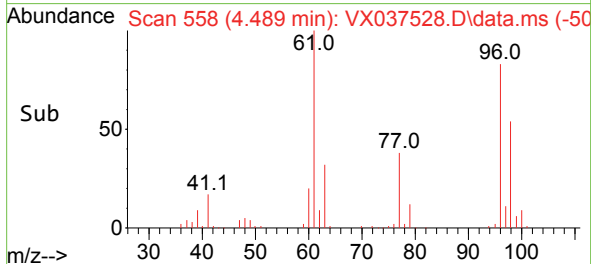
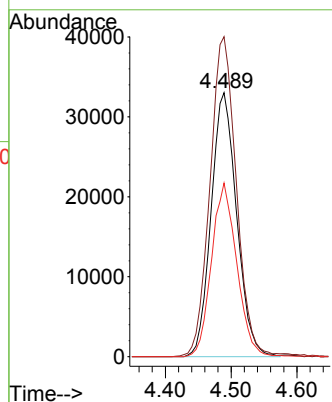
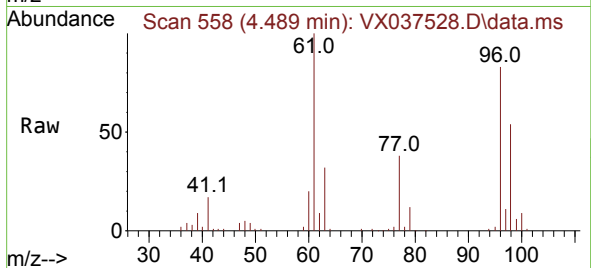
Tgt Ion: 96 Resp: 89358

Ion Ratio Lower Upper

96 100

61 125.8 0.0 312.2

98 64.8 0.0 129.0



#28

Bromochloromethane

Concen: 54.485 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

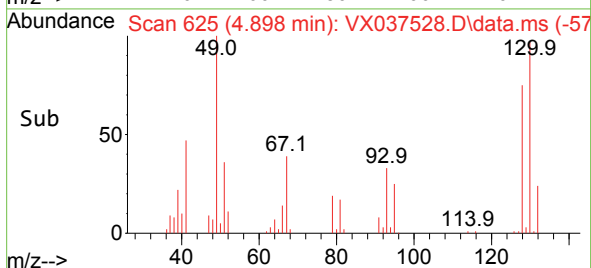
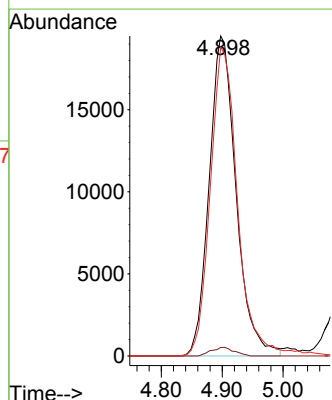
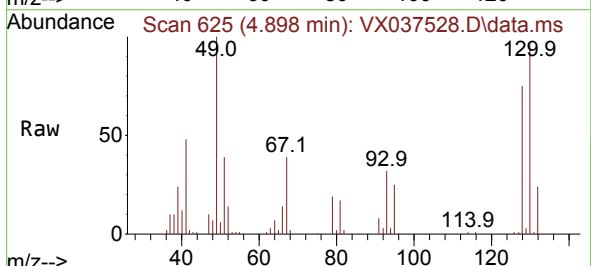
Tgt Ion: 49 Resp: 59835

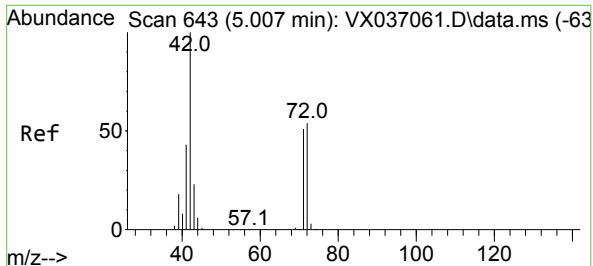
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 97.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 279.680 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

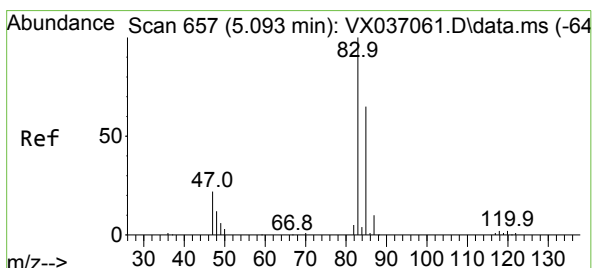
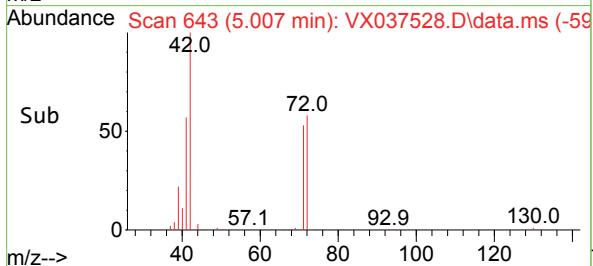
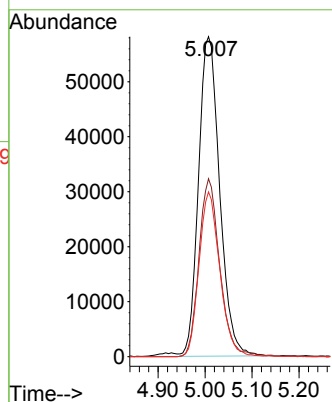
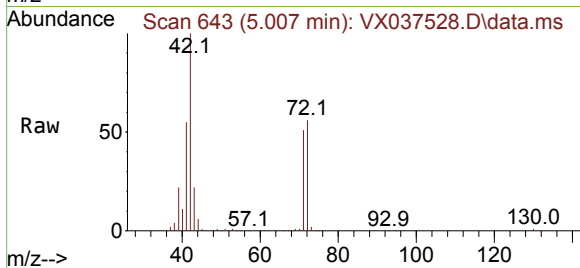
Tgt Ion: 42 Resp: 181609

Ion Ratio Lower Upper

42 100

72 55.0 34.2 51.4#

71 50.9 32.2 48.2#



#30

Chloroform

Concen: 54.185 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037528.D

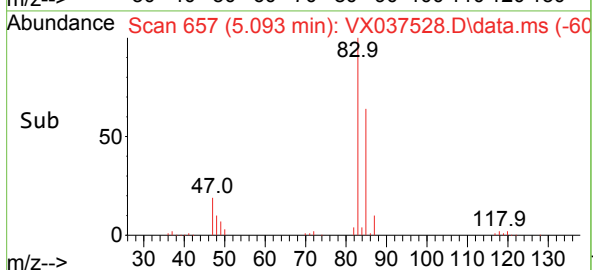
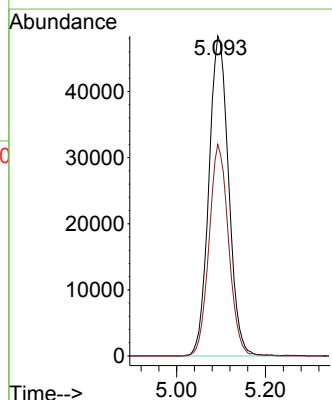
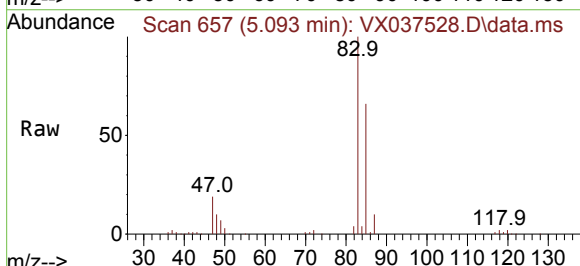
Acq: 06 Sep 2023 02:37

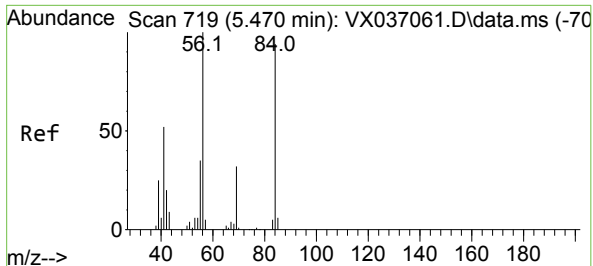
Tgt Ion: 83 Resp: 149532

Ion Ratio Lower Upper

83 100

85 66.1 50.3 75.5

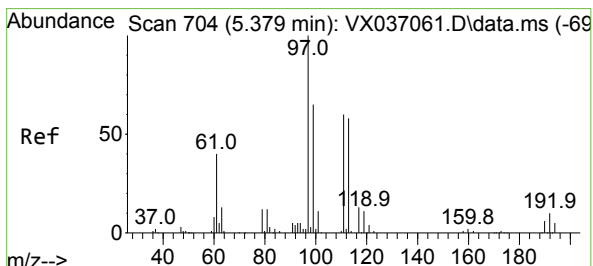
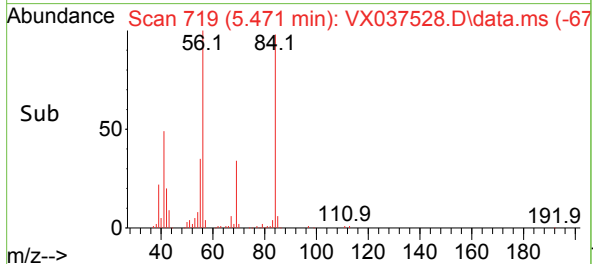
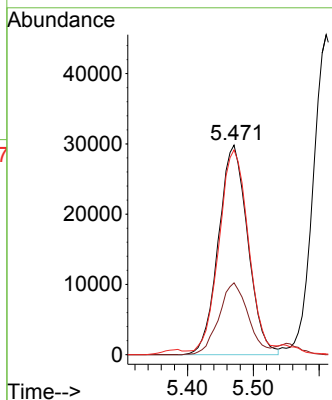
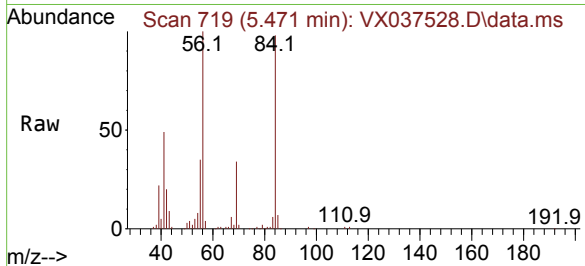




#31
Cyclohexane
Concen: 47.635 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

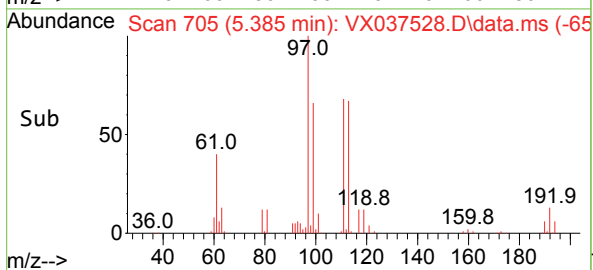
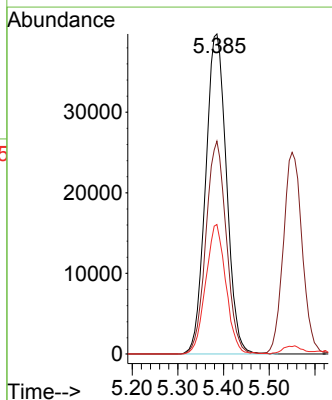
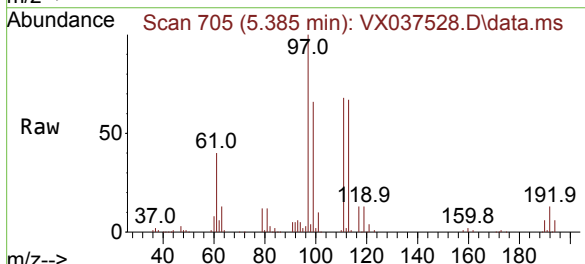
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

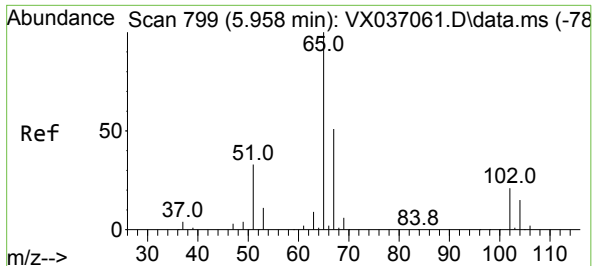
Tgt Ion: 56 Resp: 92585
Ion Ratio Lower Upper
56 100
69 34.3 23.4 35.2
84 95.2 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 50.918 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 97 Resp: 125920
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 39.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.441 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

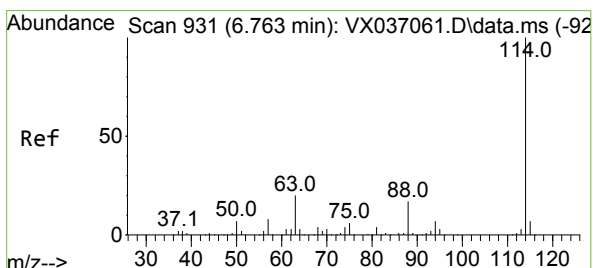
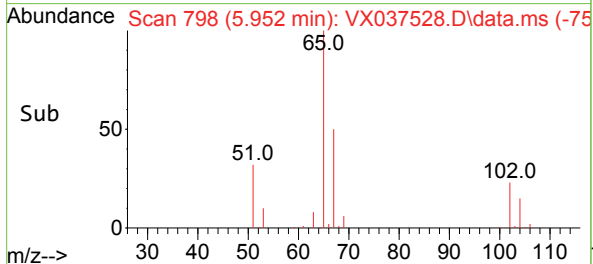
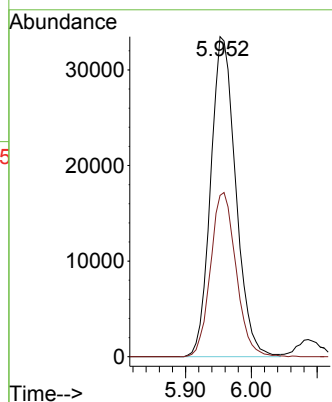
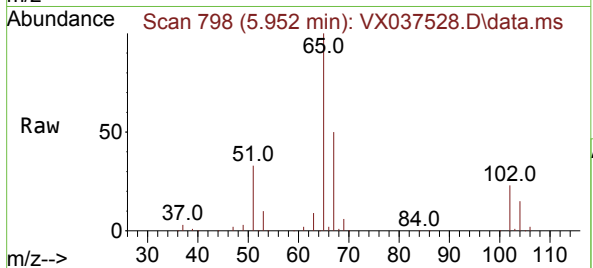
VSTDCCC050

Tgt Ion: 65 Resp: 88920

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

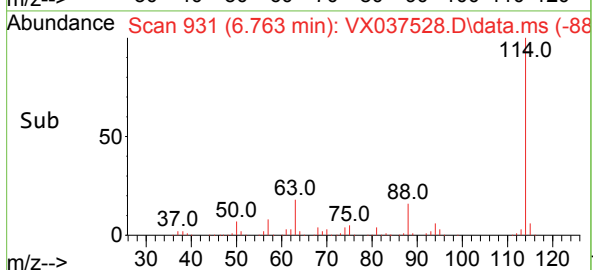
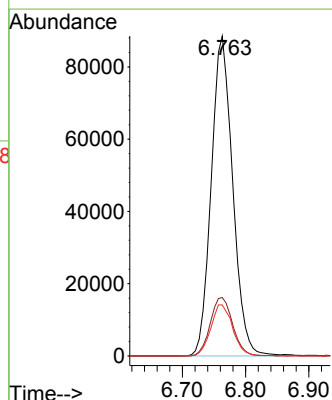
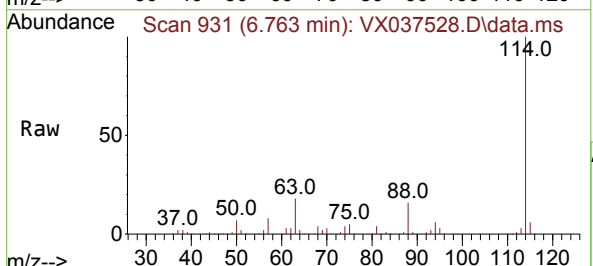
Tgt Ion: 114 Resp: 208413

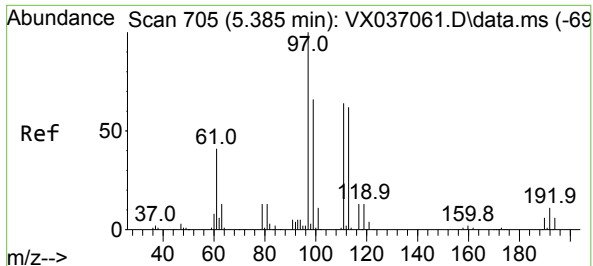
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 15.9 0.0 36.6

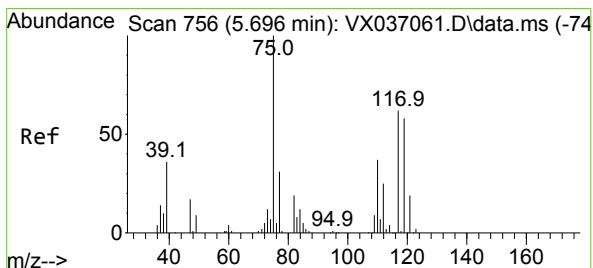
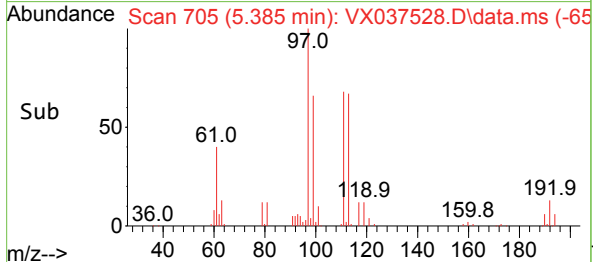
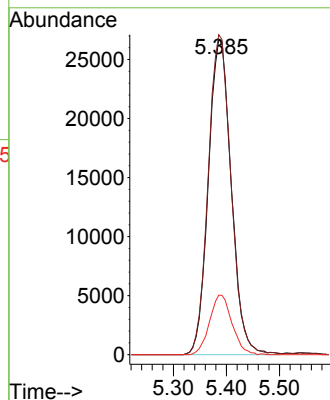
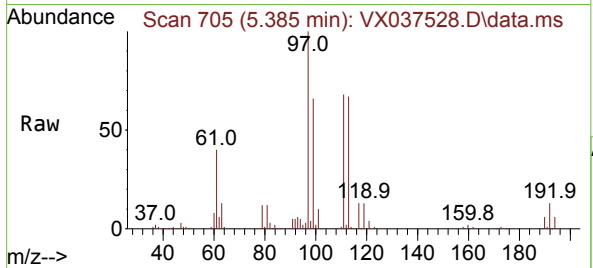




#35
Dibromofluoromethane
Concen: 58.024 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

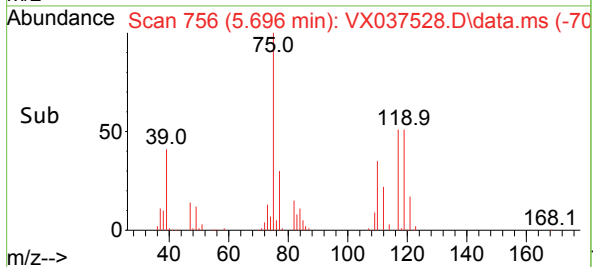
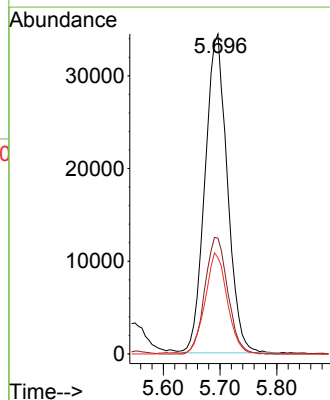
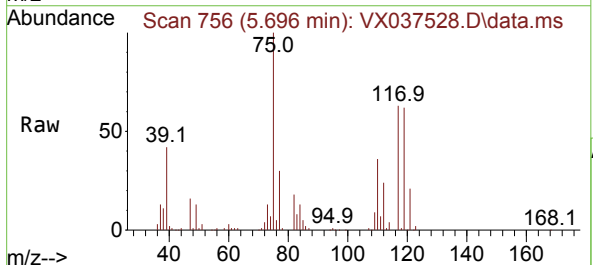
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

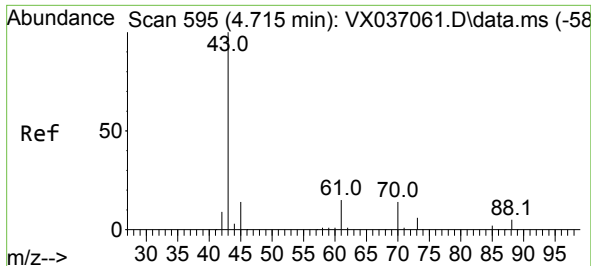
Tgt Ion:113 Resp: 80089
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 48.008 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 75 Resp: 94143
Ion Ratio Lower Upper
75 100
110 37.6 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 53.343 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

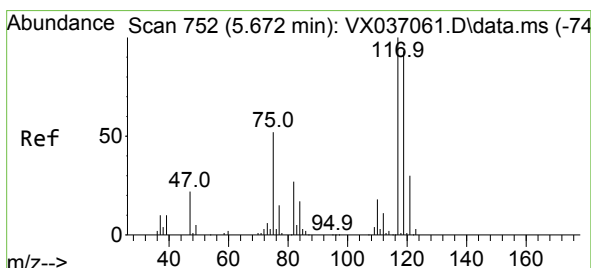
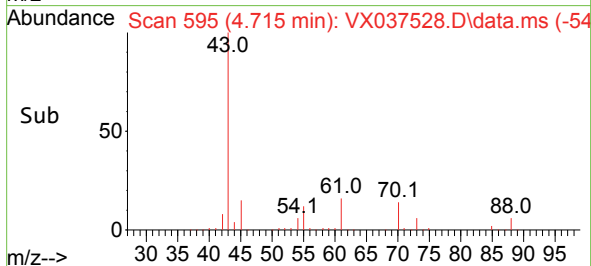
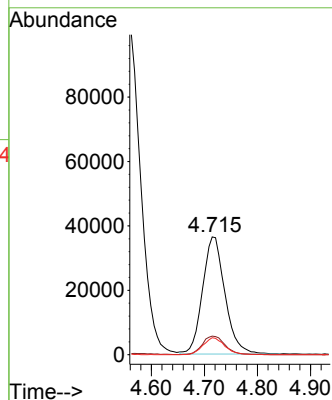
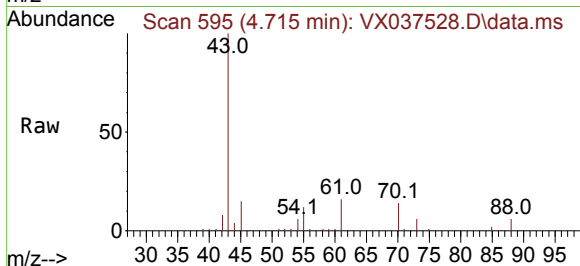
Tgt Ion: 43 Resp: 106854

Ion Ratio Lower Upper

43 100

61 16.2 10.6 16.0#

70 14.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 49.878 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

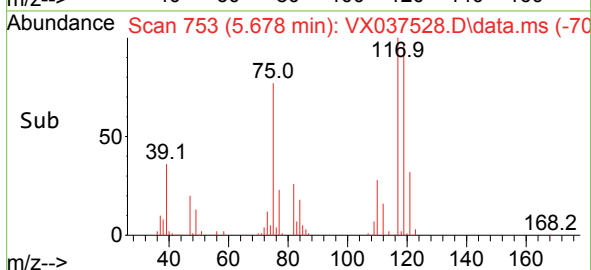
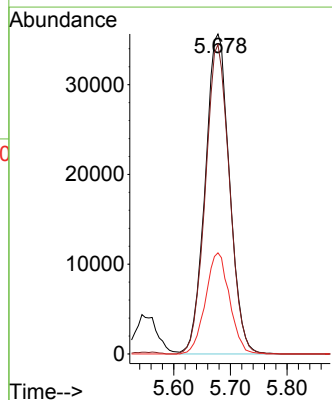
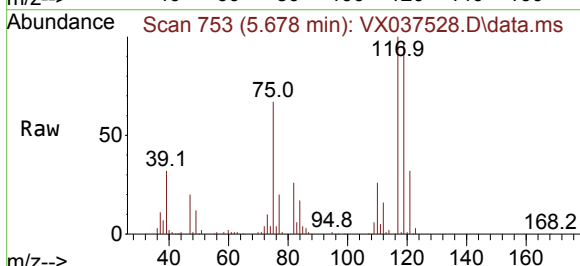
Tgt Ion: 117 Resp: 106248

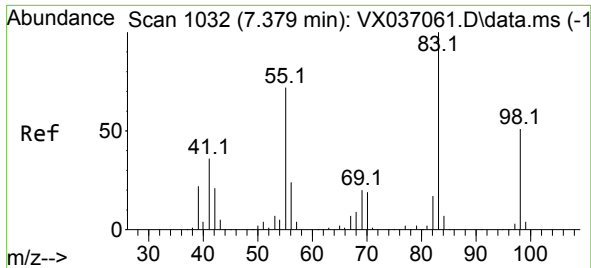
Ion Ratio Lower Upper

117 100

119 96.7 78.2 117.2

121 31.6 24.4 36.6

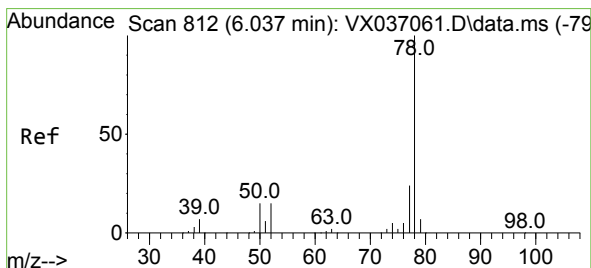
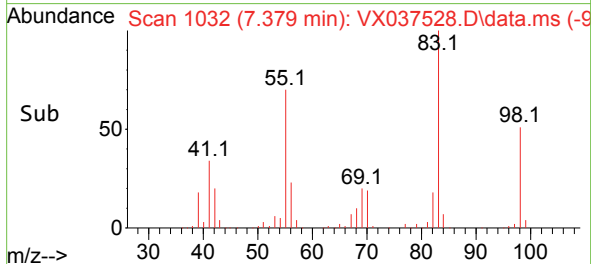
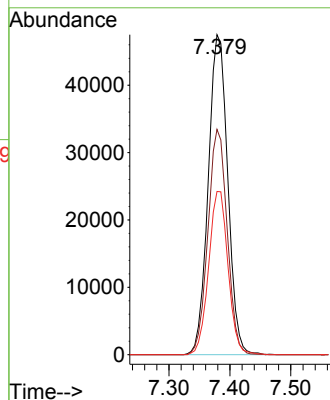
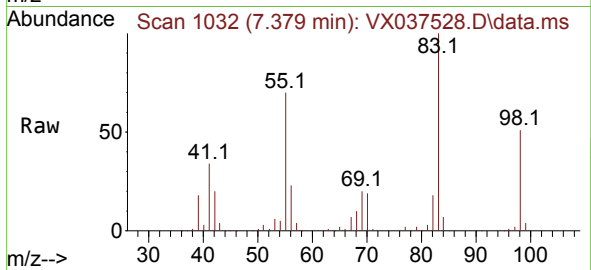




#39
Methylcyclohexane
Concen: 51.327 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

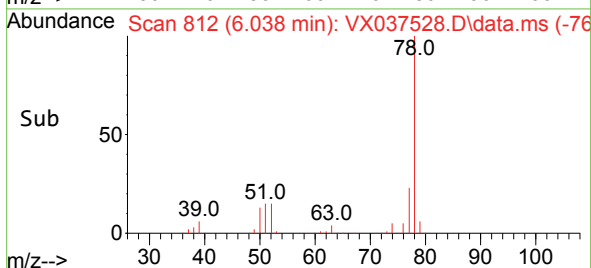
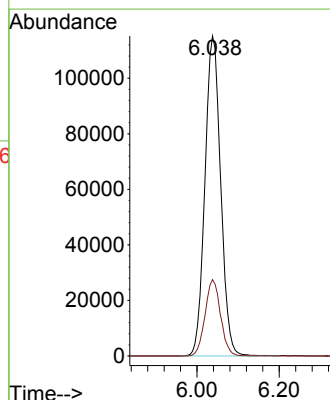
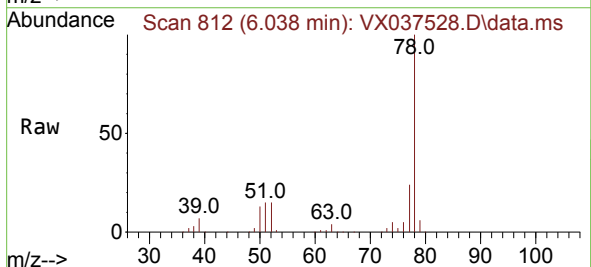
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

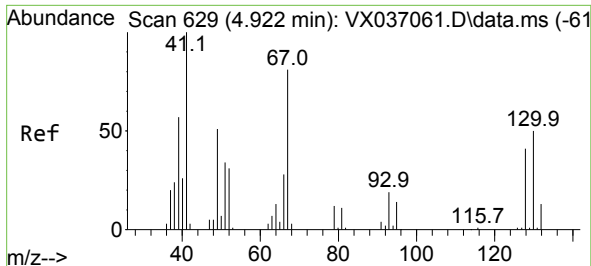
Tgt Ion: 83 Resp: 105749
Ion Ratio Lower Upper
83 100
55 70.4 64.6 97.0
98 51.0 36.7 55.1



#40
Benzene
Concen: 54.481 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 78 Resp: 306405
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

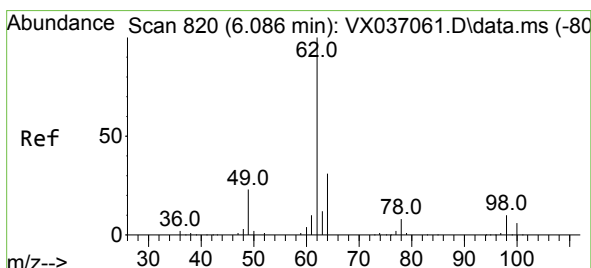
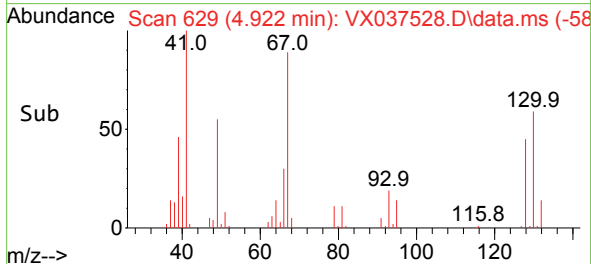
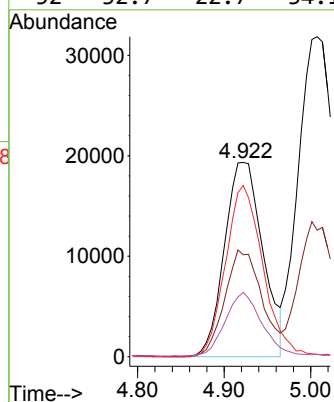
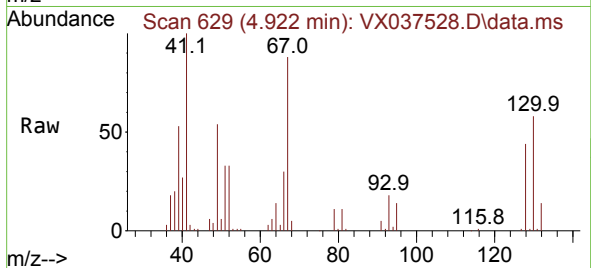




#41
Methacrylonitrile
Concen: 57.378 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

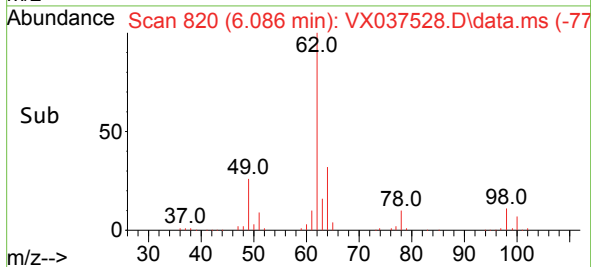
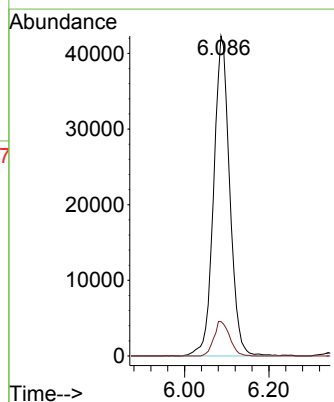
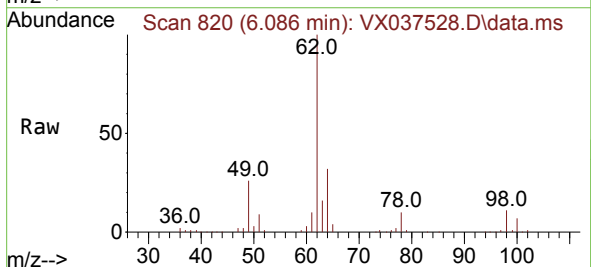
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

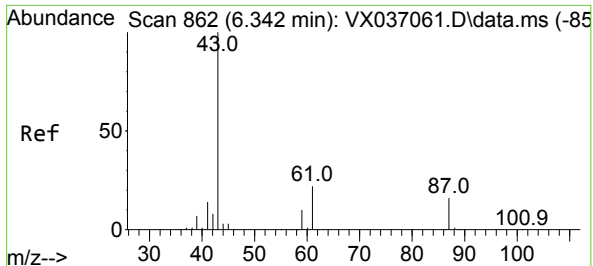
Tgt Ion: 41	Resp: 59751
Ion Ratio	Lower Upper
41	100
39	53.0 45.2 67.8
67	86.5 52.6 78.8#
52	32.7 22.7 34.1



#42
1,2-Dichloroethane
Concen: 50.726 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 62	Resp: 111878
Ion Ratio	Lower Upper
62	100
98	10.6 0.0 16.0

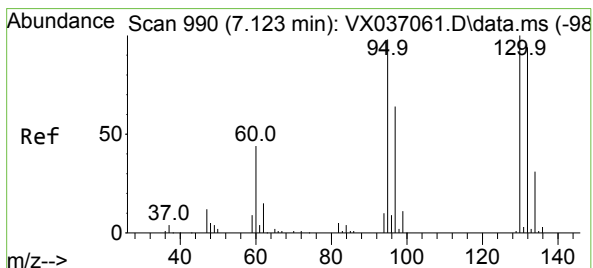
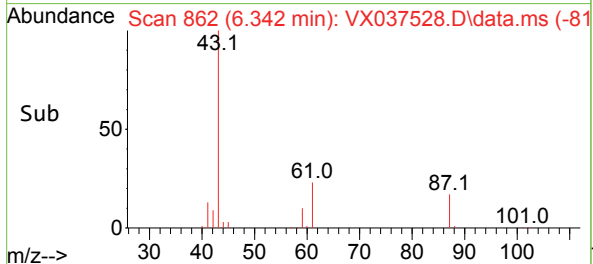
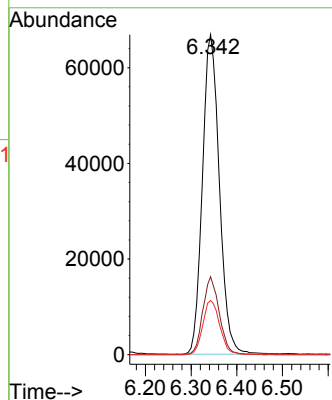
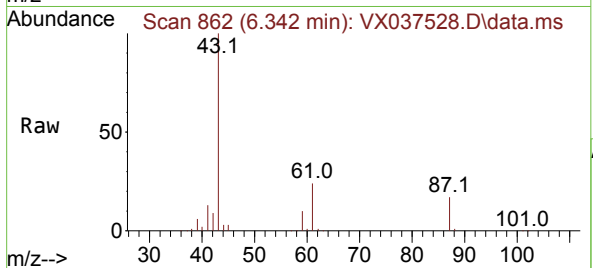




#43
Isopropyl Acetate
Concen: 54.038 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

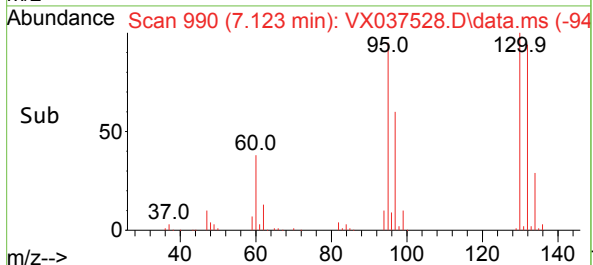
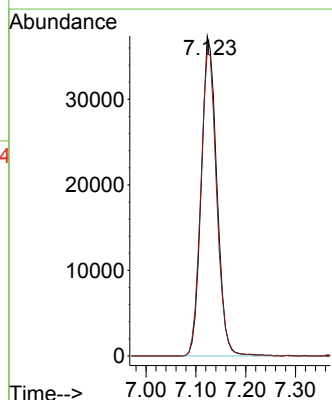
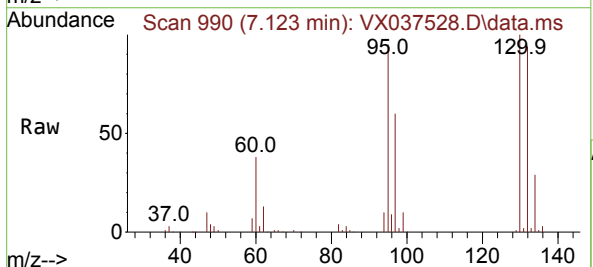
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

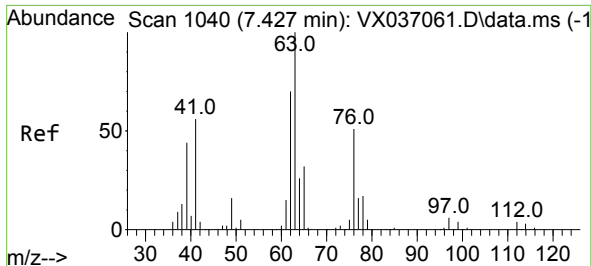
Tgt Ion: 43 Resp: 171854
Ion Ratio Lower Upper
43 100
61 23.7 15.2 22.8#
87 17.0 9.8 14.6#



#44
Trichloroethene
Concen: 50.728 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion:130 Resp: 80899
Ion Ratio Lower Upper
130 100
95 95.2 0.0 204.4

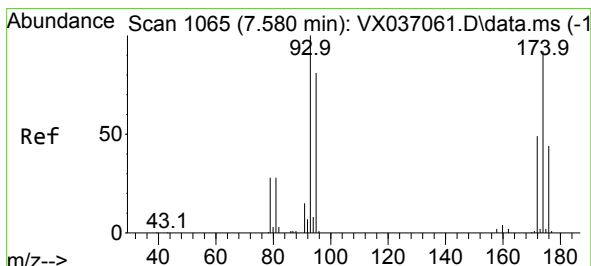
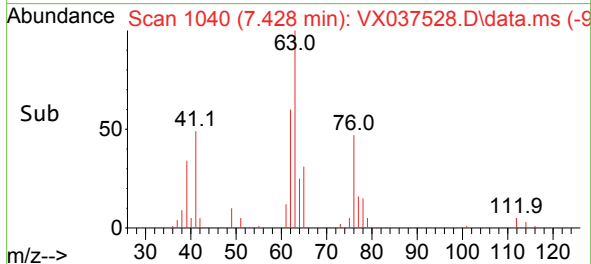
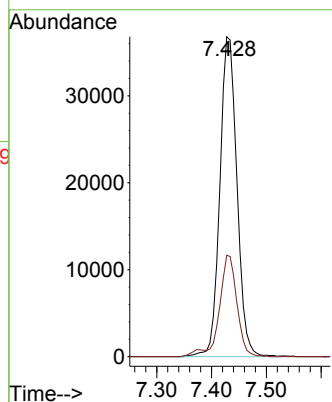
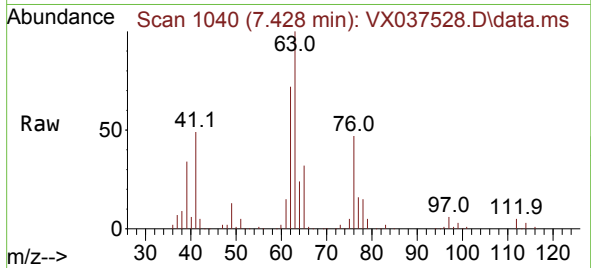




#45
1,2-Dichloropropane
Concen: 57.589 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

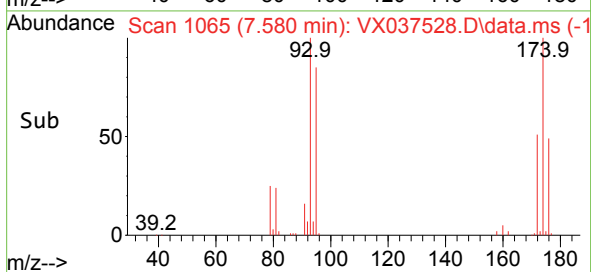
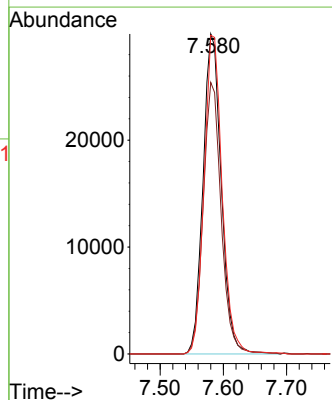
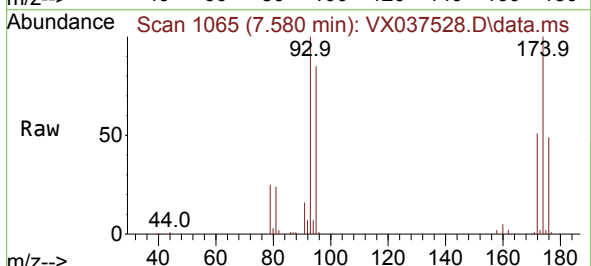
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

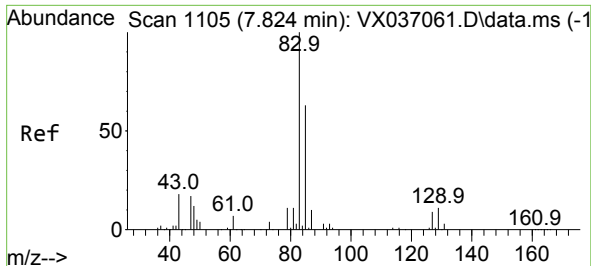
Tgt Ion: 63 Resp: 79861
Ion Ratio Lower Upper
63 100
65 31.7 24.3 36.5



#46
Dibromomethane
Concen: 55.035 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 93 Resp: 60123
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 98.8 69.4 104.0

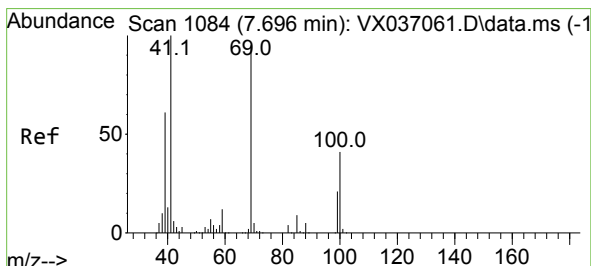
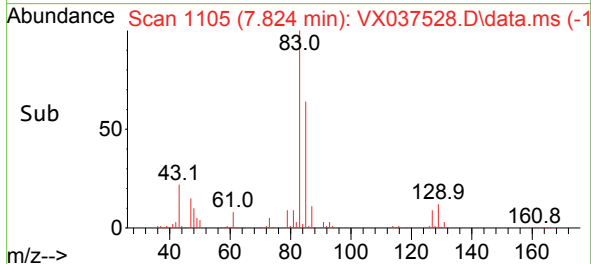
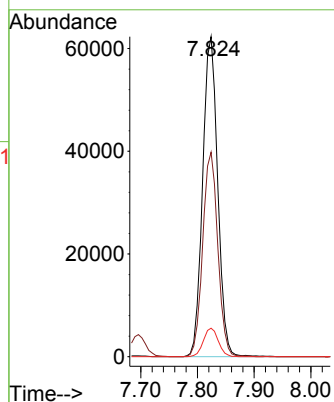
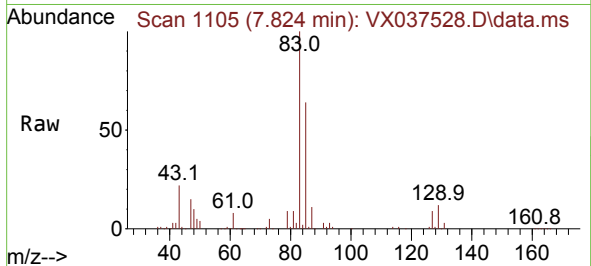




#47
Bromodichloromethane
Concen: 54.905 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

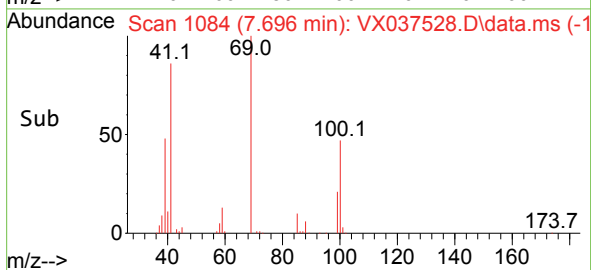
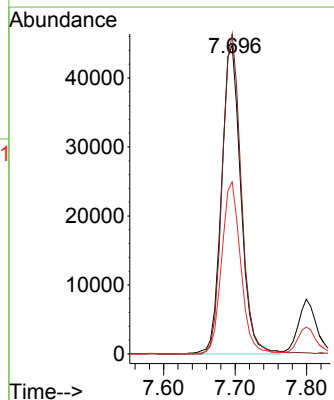
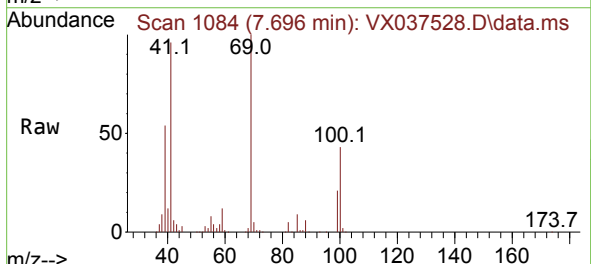
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

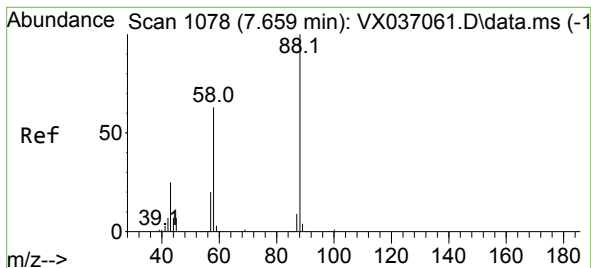
Tgt Ion: 83 Resp: 114887
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 53.994 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 41 Resp: 83742
Ion Ratio Lower Upper
41 100
69 102.0 59.2 88.8#
39 55.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1156.914 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

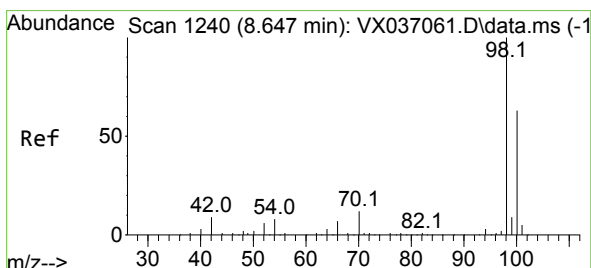
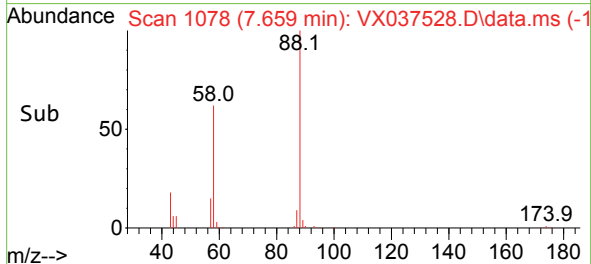
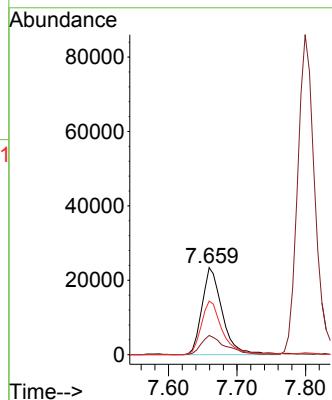
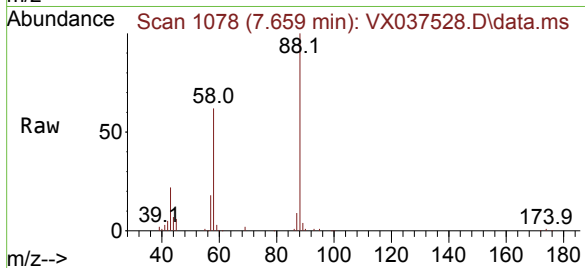
Tgt Ion: 88 Resp: 48324

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0#

58 63.4 60.1 90.1



#50

Toluene-d8

Concen: 53.995 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037528.D

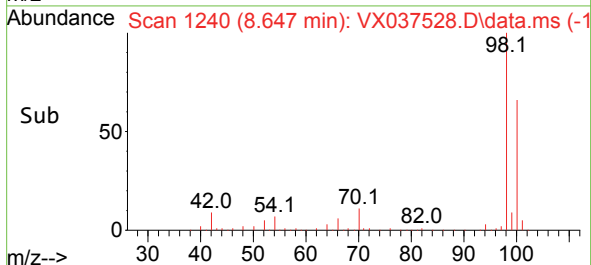
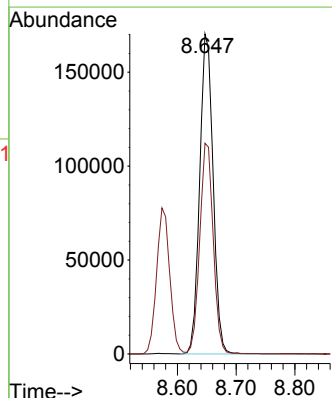
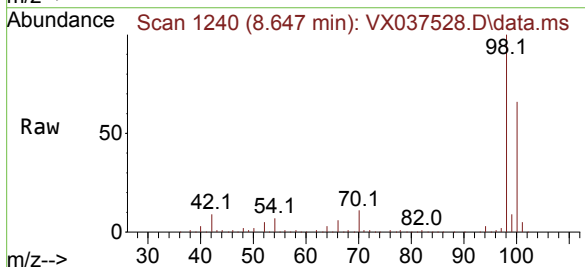
Acq: 06 Sep 2023 02:37

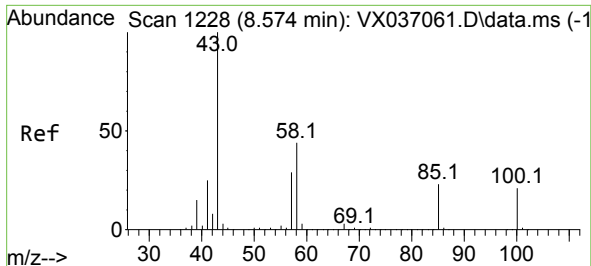
Tgt Ion: 98 Resp: 270341

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7

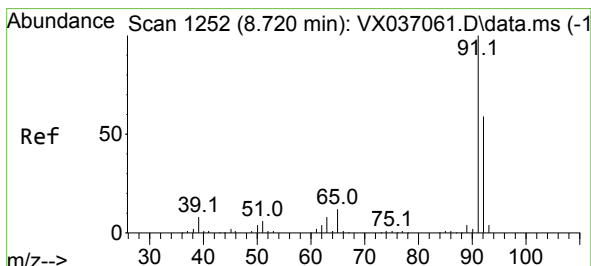
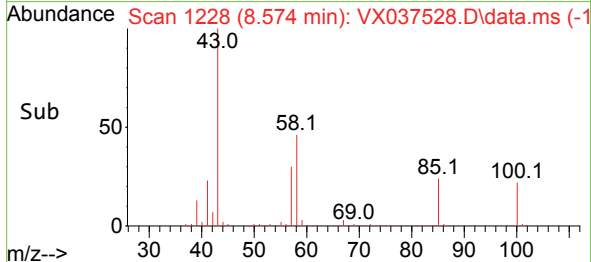
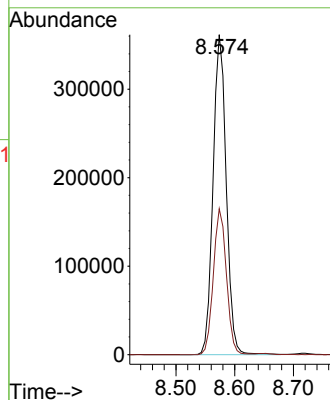
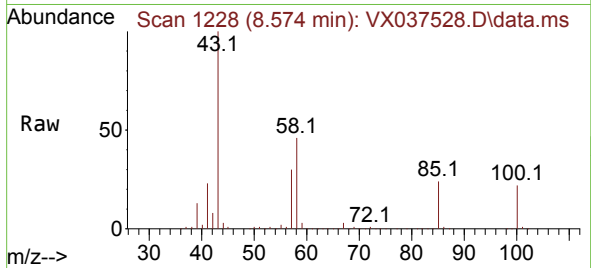




#51
4-Methyl-2-Pentanone
Concen: 291.412 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

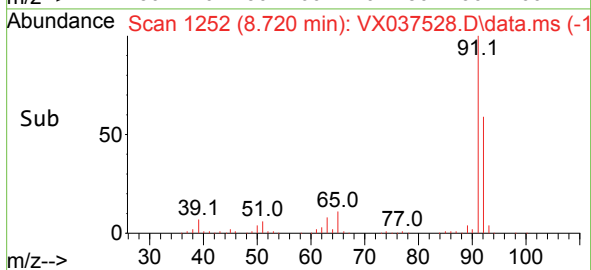
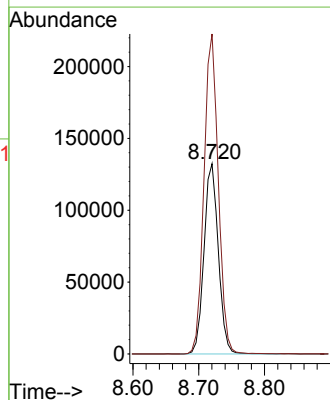
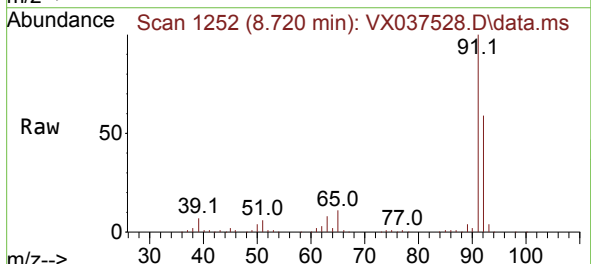
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

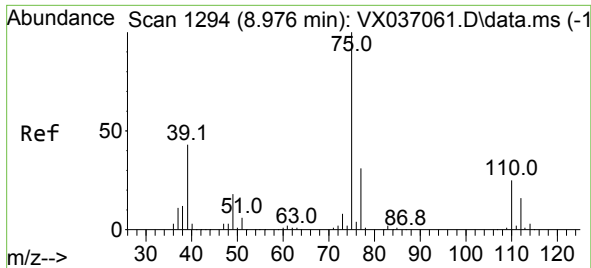
Tgt Ion: 43 Resp: 562758
Ion Ratio Lower Upper
43 100
58 45.3 30.4 45.6



#52
Toluene
Concen: 53.932 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 92 Resp: 200410
Ion Ratio Lower Upper
92 100
91 168.0 134.2 201.2

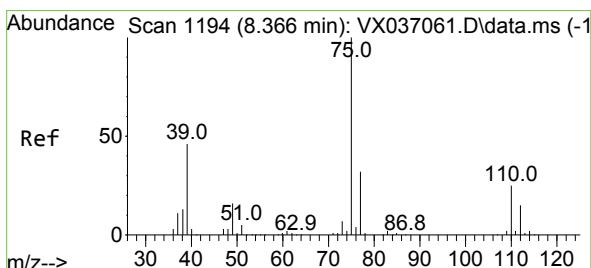
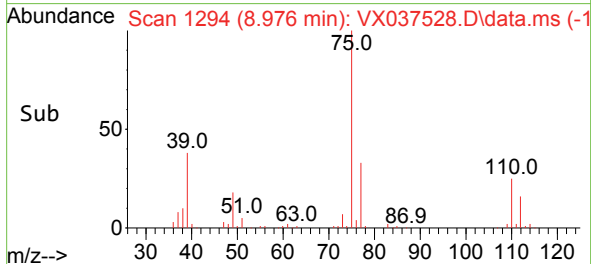
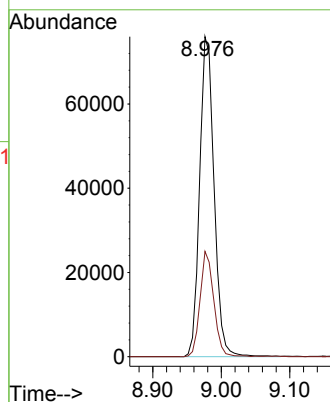
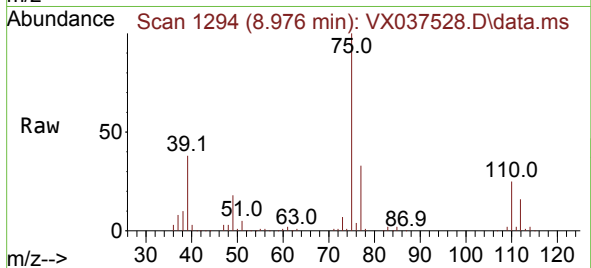




#53
 t-1,3-Dichloropropene
 Concen: 50.080 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037528.D
 Acq: 06 Sep 2023 02:37

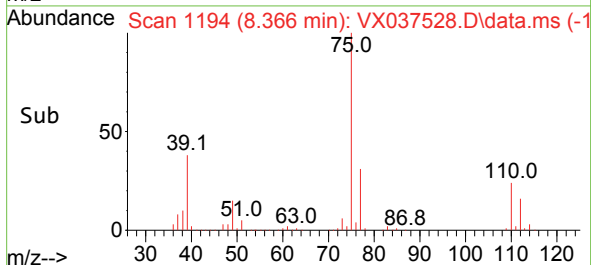
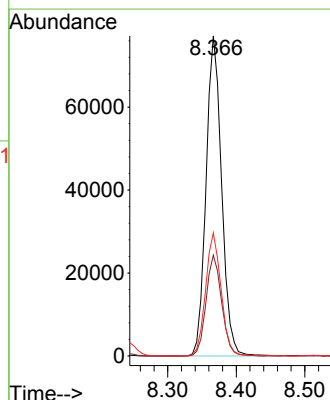
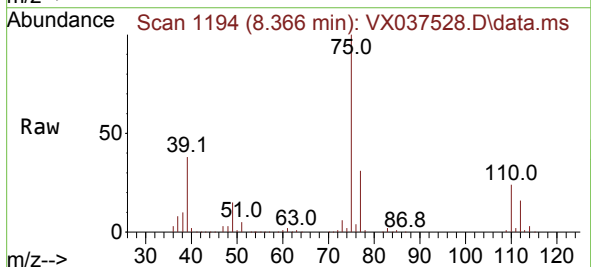
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

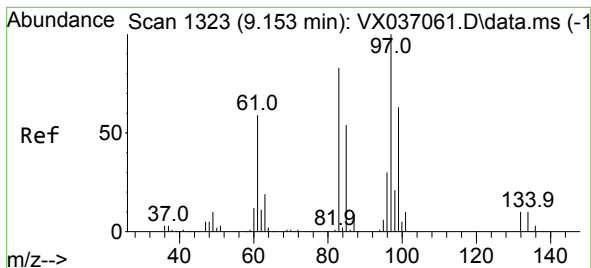
Tgt Ion: 75 Resp: 111577
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.674 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037528.D
 Acq: 06 Sep 2023 02:37

Tgt Ion: 75 Resp: 122003
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 38.5 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 60.450 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 91469

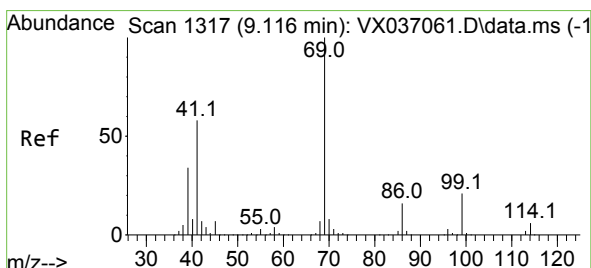
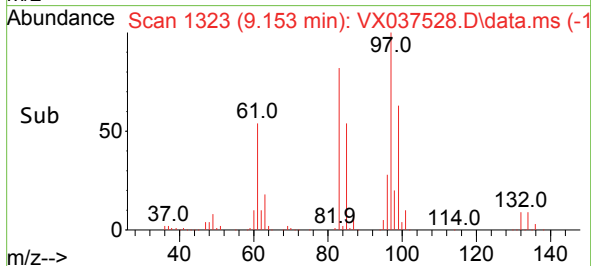
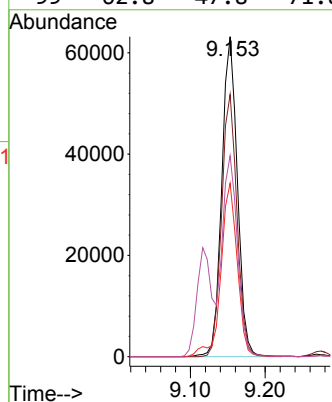
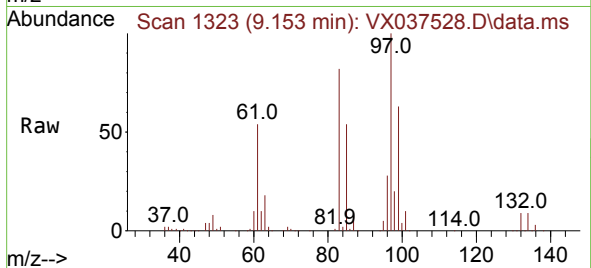
Ion Ratio Lower Upper

97 100

83 82.0 65.8 98.8

85 54.2 41.6 62.4

99 62.8 47.8 71.8



#56

Ethyl methacrylate

Concen: 57.847 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

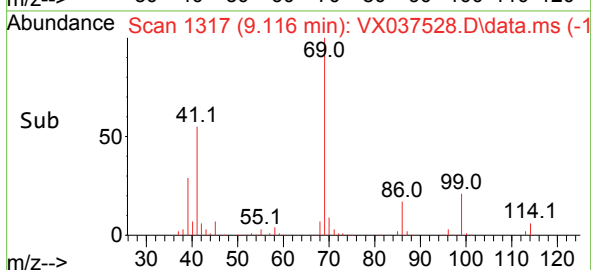
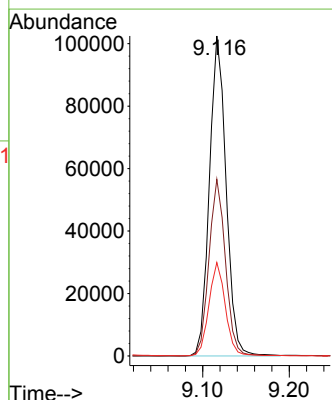
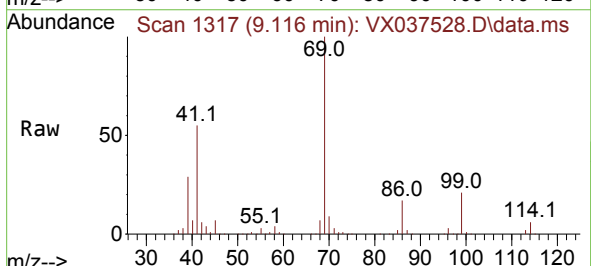
Tgt Ion: 69 Resp: 137102

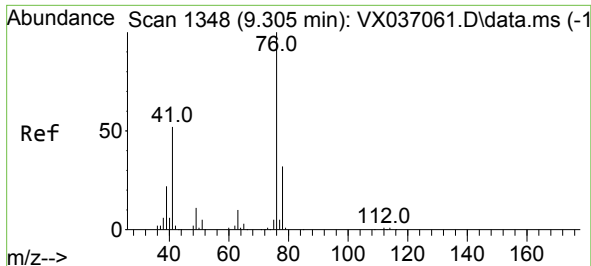
Ion Ratio Lower Upper

69 100

41 55.0 56.8 85.2#

39 28.8 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 58.014 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

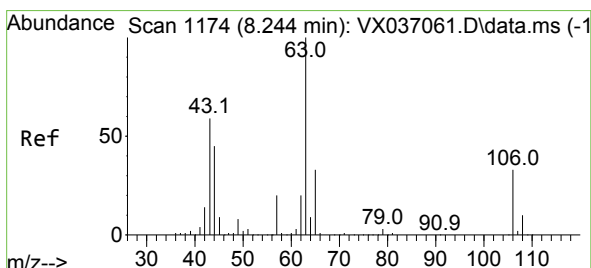
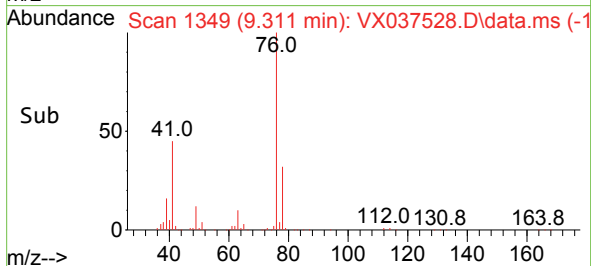
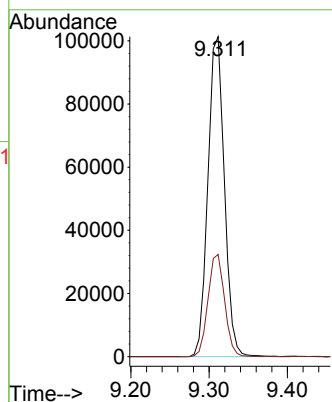
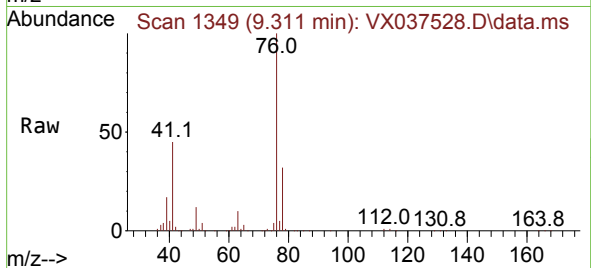
VSTDCCC050

Tgt Ion: 76 Resp: 147980

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 268.714 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037528.D

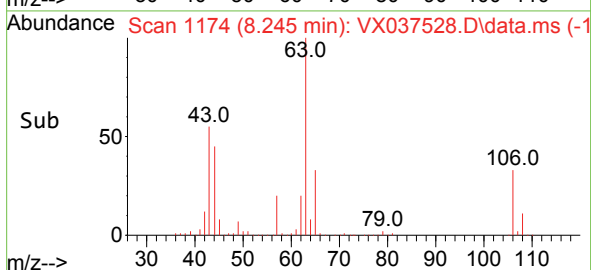
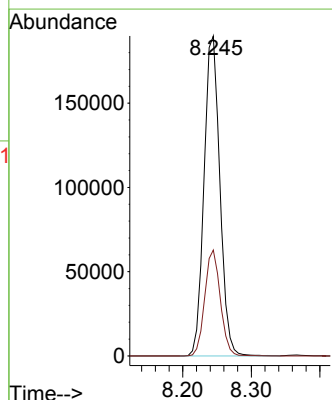
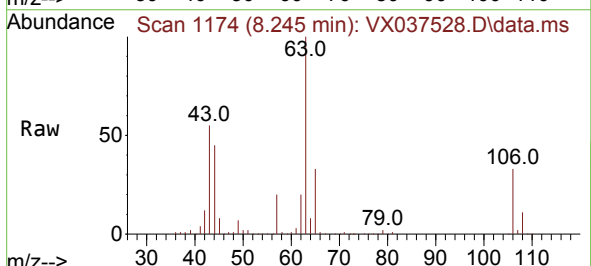
Acq: 06 Sep 2023 02:37

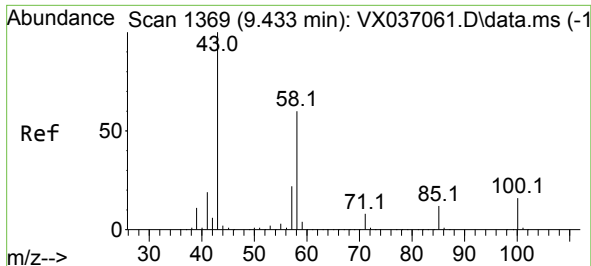
Tgt Ion: 63 Resp: 305634

Ion Ratio Lower Upper

63 100

106 32.6 22.5 33.7

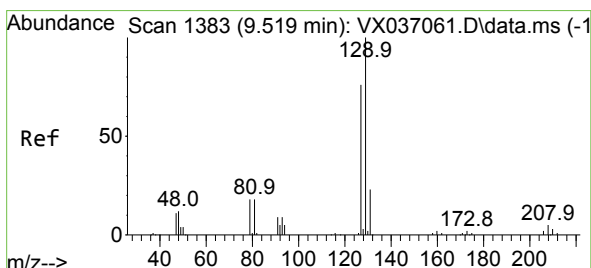
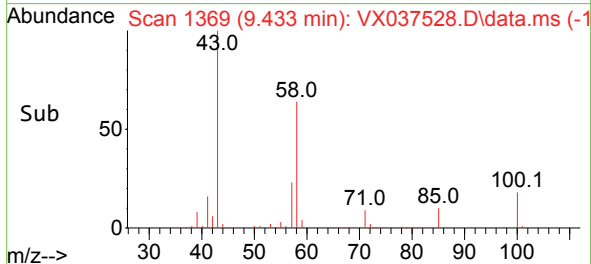
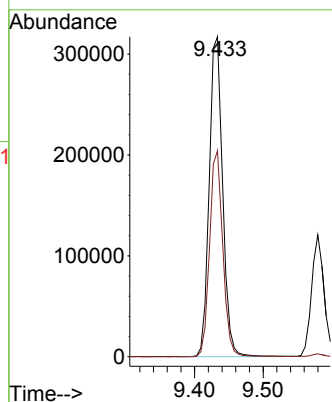
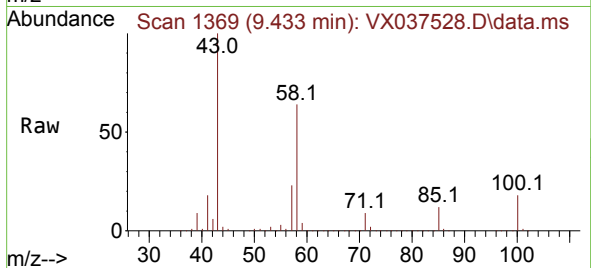




#59
2-Hexanone
Concen: 293.332 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

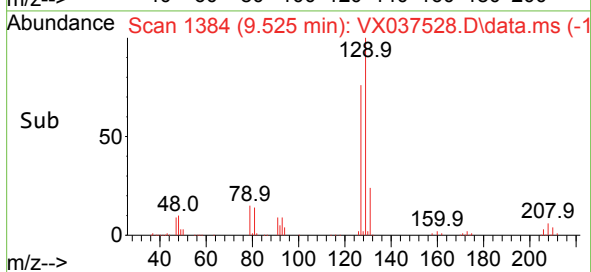
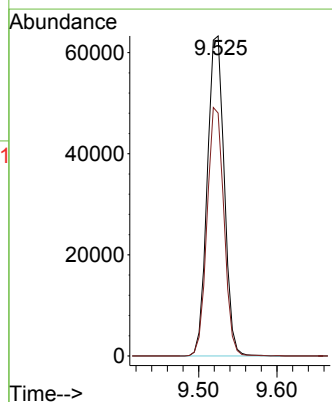
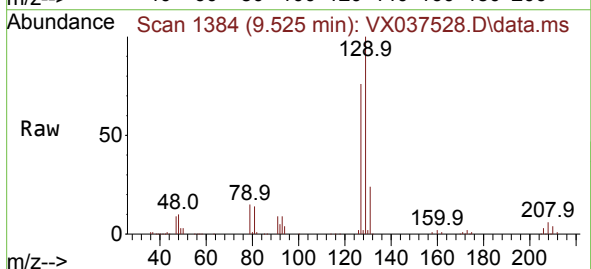
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

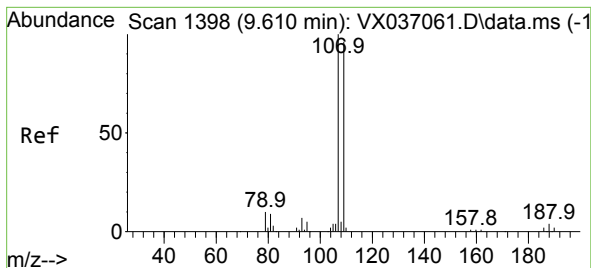
Tgt Ion: 43 Resp: 431917
Ion Ratio Lower Upper
43 100
58 63.4 26.2 78.5



#60
Dibromochloromethane
Concen: 58.797 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 129 Resp: 94724
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

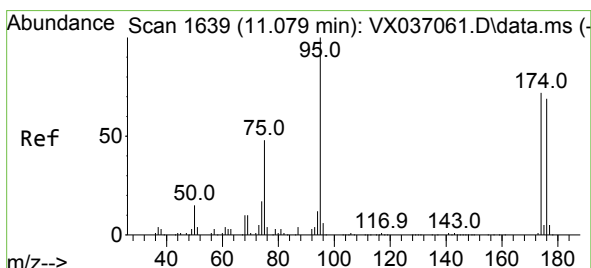
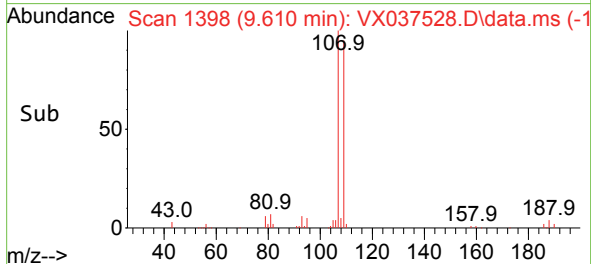
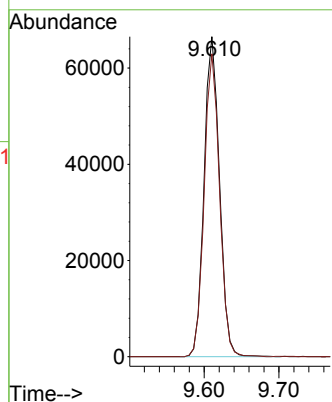
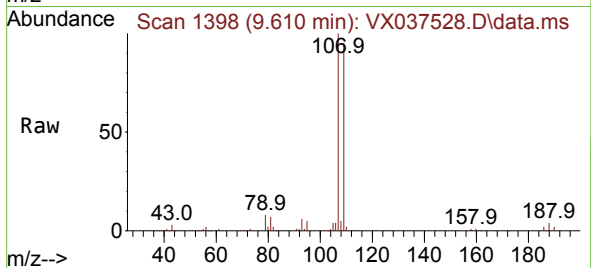




#61
1,2-Dibromoethane
Concen: 57.478 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

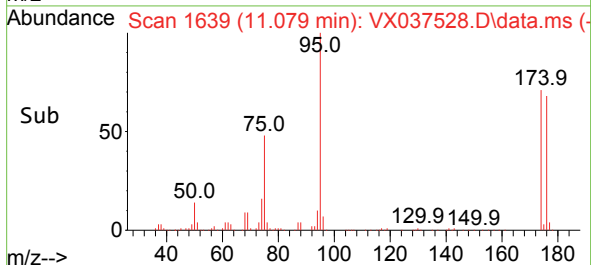
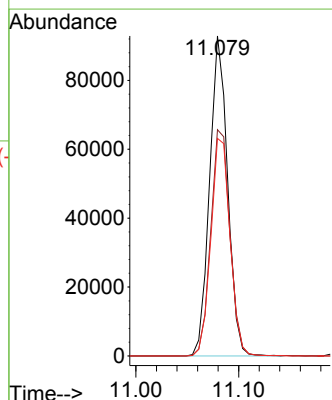
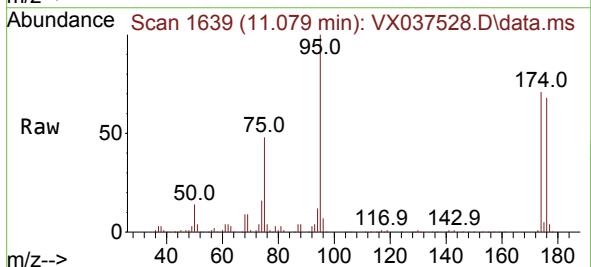
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

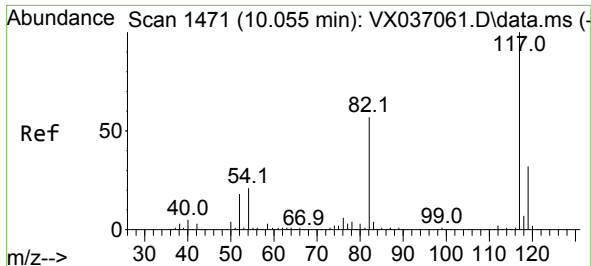
Tgt Ion:107 Resp: 95223
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 57.432 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 95 Resp: 113002
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 72.6 0.0 131.0

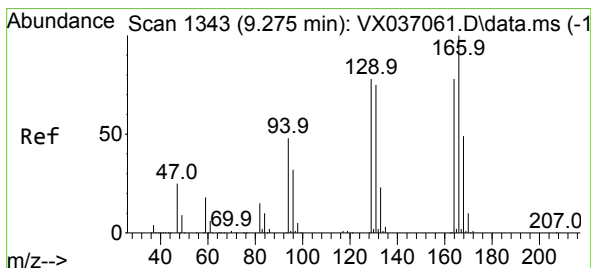
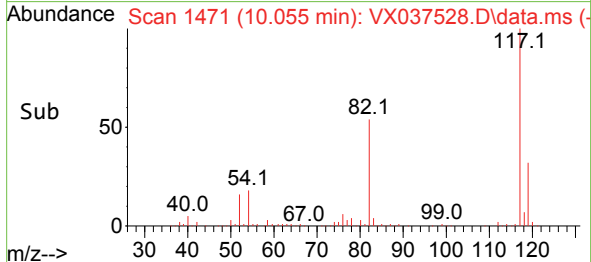
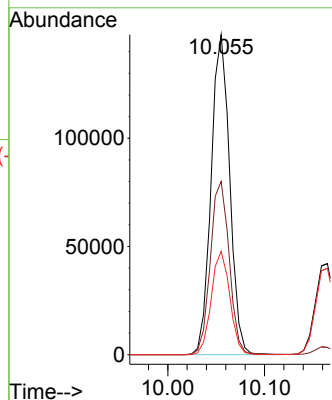
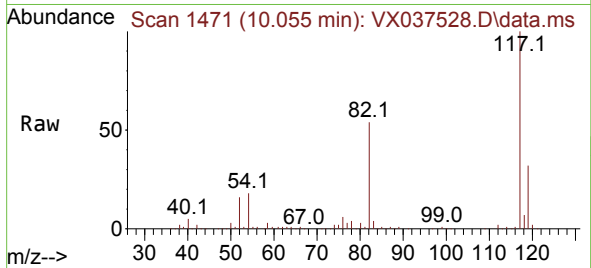




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

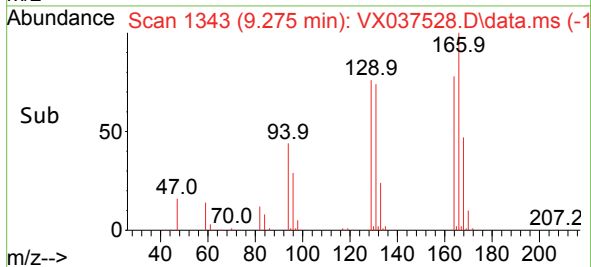
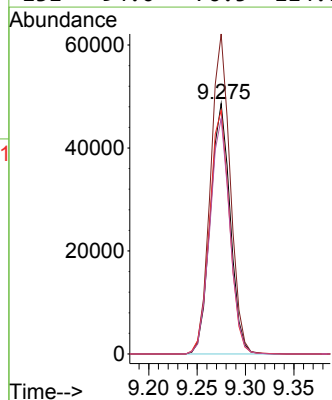
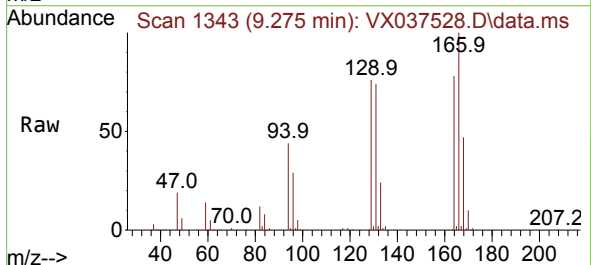
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

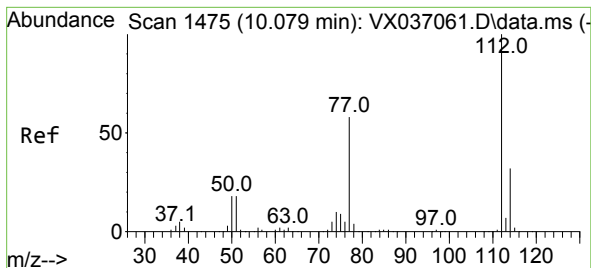
Tgt Ion:117 Resp: 197314
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 48.181 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion:164 Resp: 69353
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 97.3 80.4 120.6
131 94.0 76.5 114.7





#65

Chlorobenzene

Concen: 53.793 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

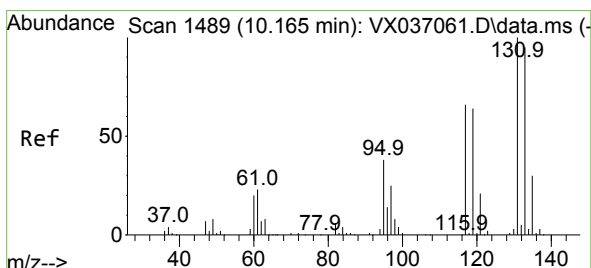
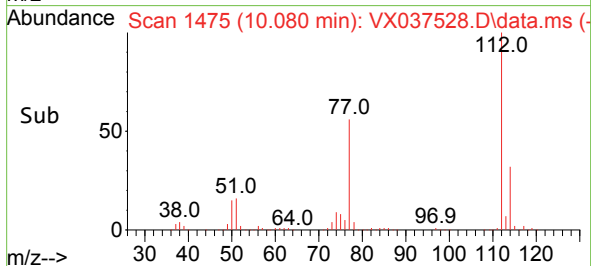
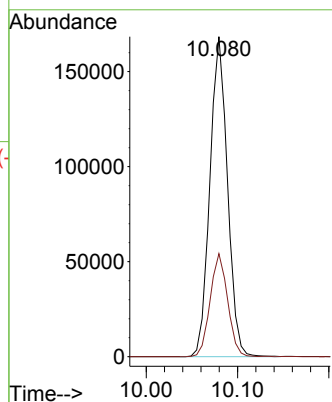
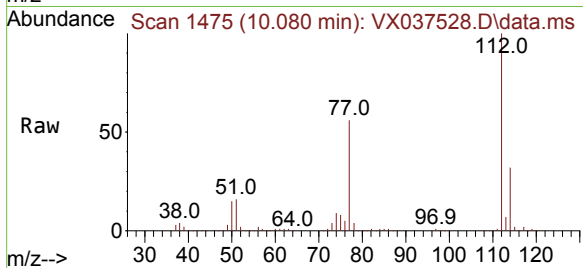
VSTDCCC050

Tgt Ion:112 Resp: 224332

Ion Ratio Lower Upper

112 100

114 32.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 56.679 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

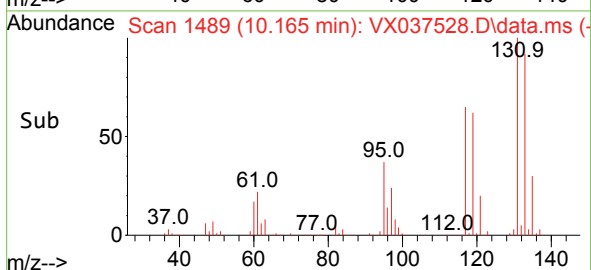
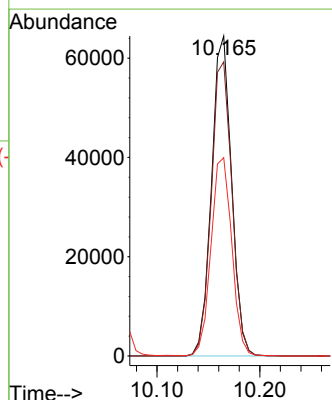
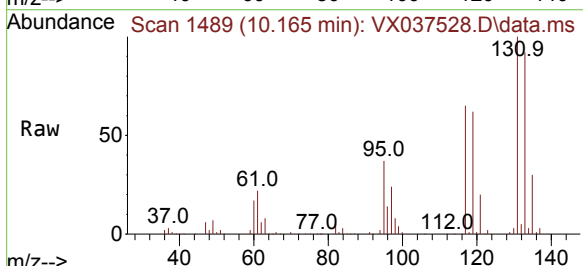
Tgt Ion:131 Resp: 87238

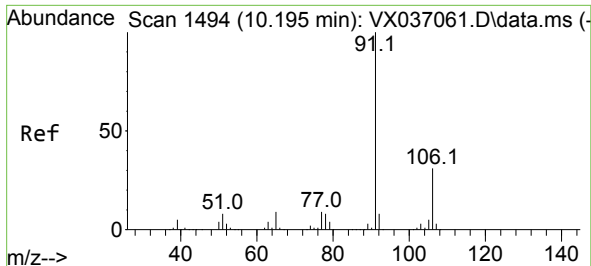
Ion Ratio Lower Upper

131 100

133 94.8 47.1 141.4

119 64.3 32.2 96.6





#67

Ethyl Benzene

Concen: 52.310 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

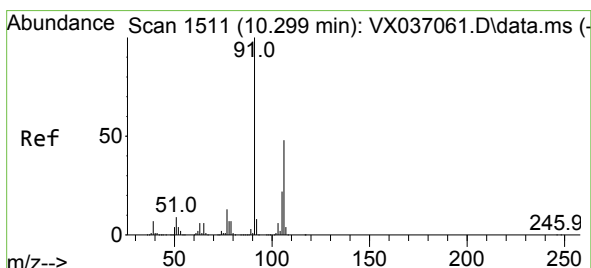
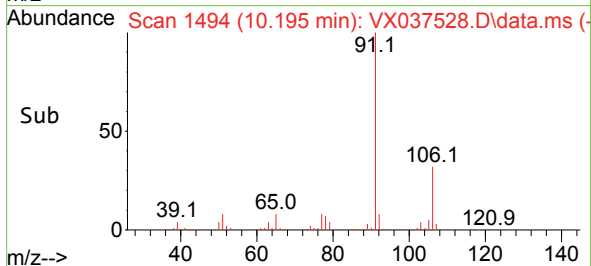
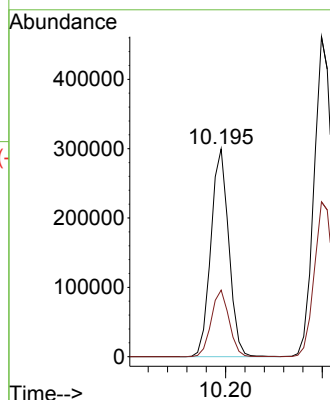
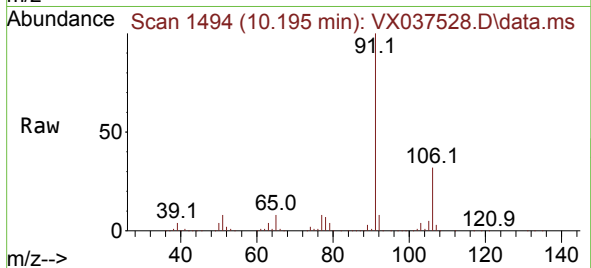
VSTDCCC050

Tgt Ion: 91 Resp: 383858

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3



#68

m/p-Xylenes

Concen: 106.534 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037528.D

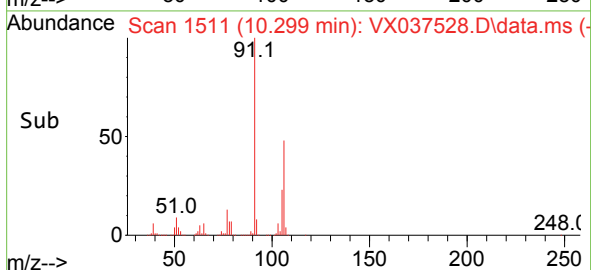
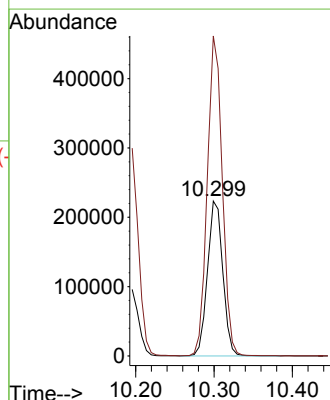
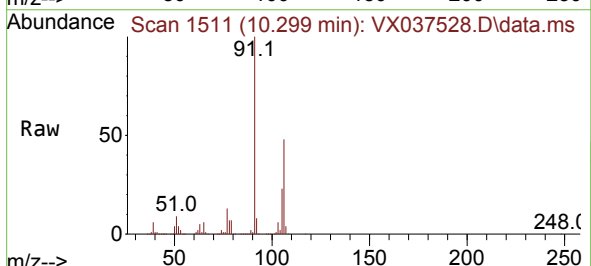
Acq: 06 Sep 2023 02:37

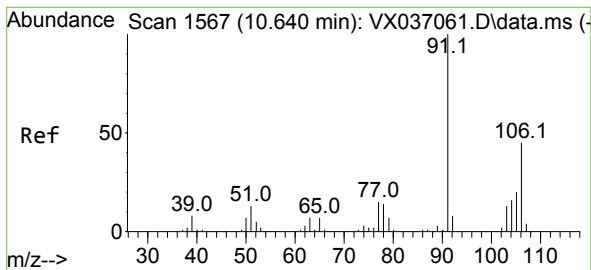
Tgt Ion:106 Resp: 301896

Ion Ratio Lower Upper

106 100

91 203.0 165.5 248.3





#69

o-Xylene

Concen: 54.674 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

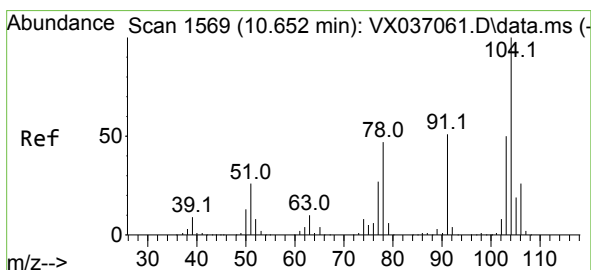
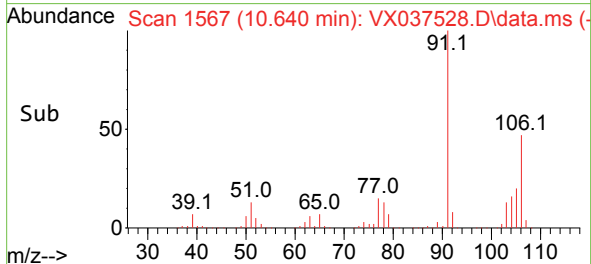
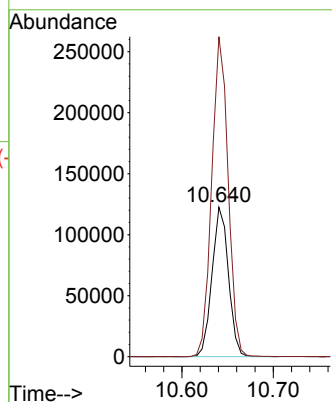
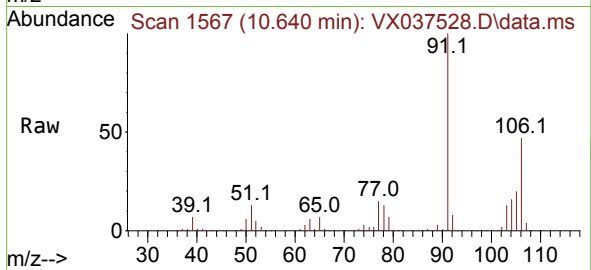
VSTDCCC050

Tgt Ion:106 Resp: 152862

Ion Ratio Lower Upper

106 100

91 213.6 108.9 326.8



#70

Styrene

Concen: 56.698 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

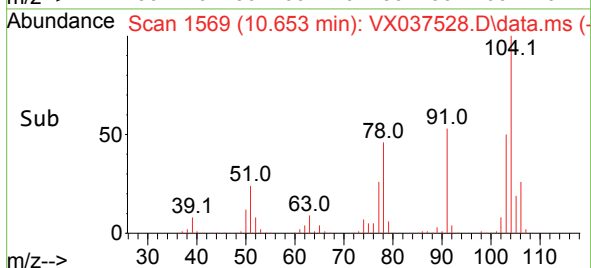
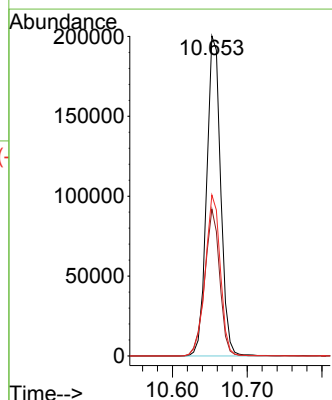
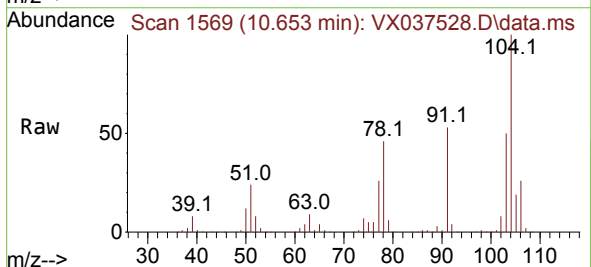
Tgt Ion:104 Resp: 261120

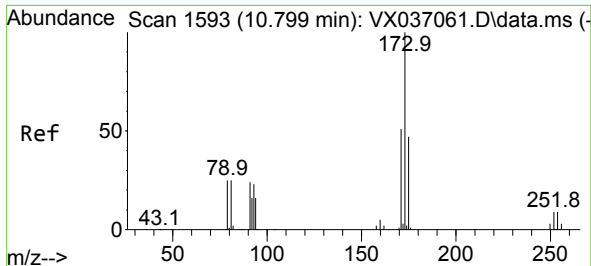
Ion Ratio Lower Upper

104 100

78 49.1 43.6 65.4

103 54.1 43.6 65.4

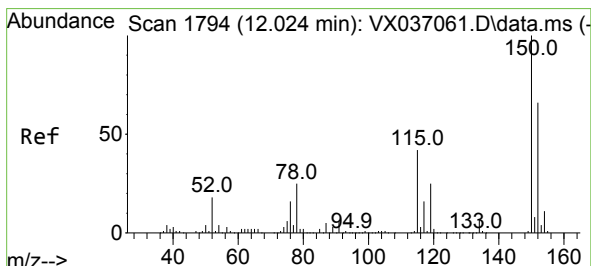
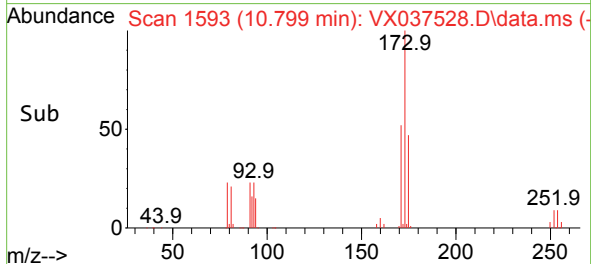
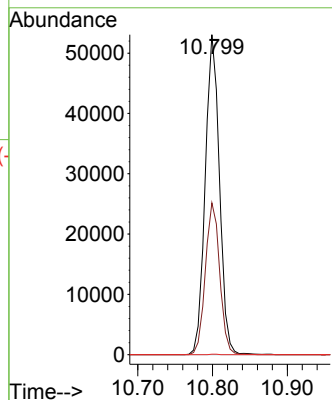
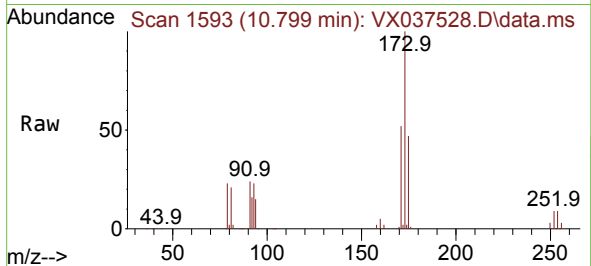




#71
Bromoform
Concen: 60.908 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

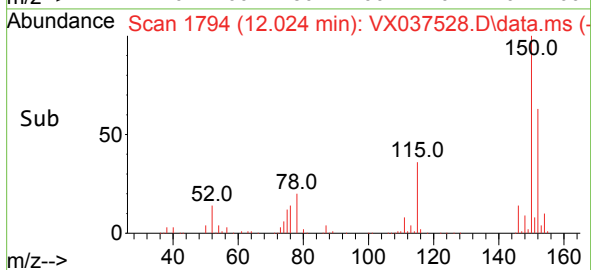
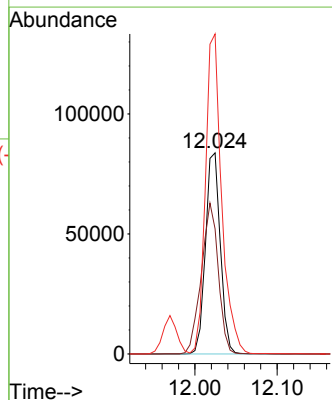
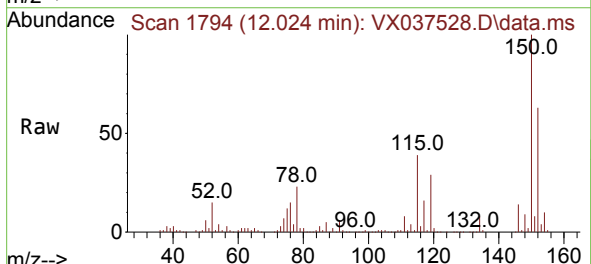
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

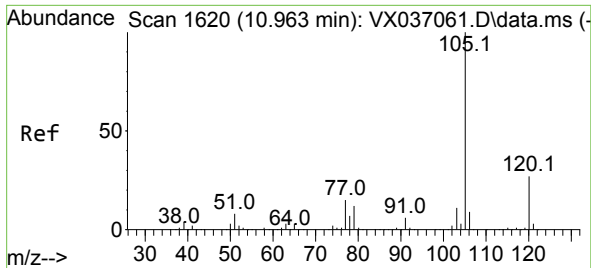
Tgt Ion:173 Resp: 70124
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion:152 Resp: 104809
Ion Ratio Lower Upper
152 100
115 86.2 43.3 129.9
150 173.8 0.0 345.0

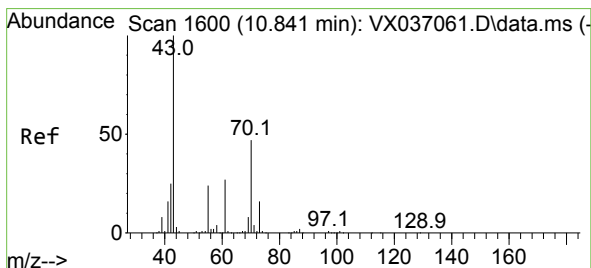
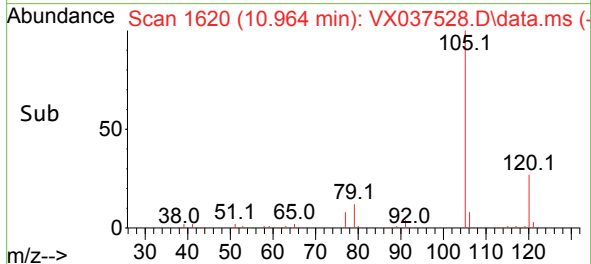
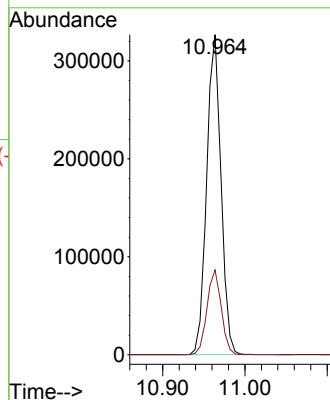
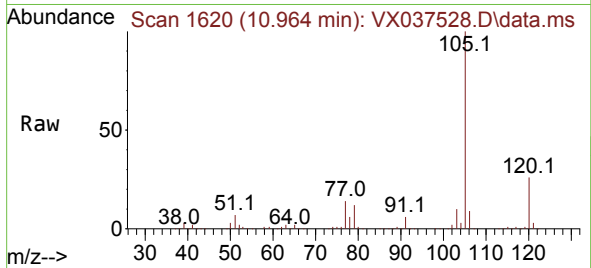




#73
Isopropylbenzene
Concen: 51.884 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

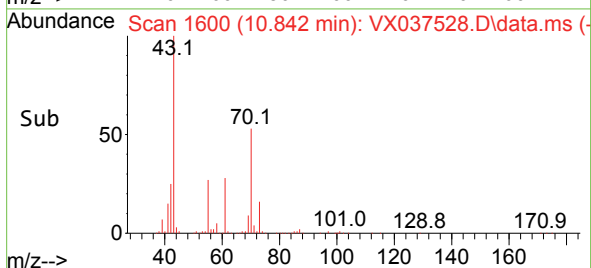
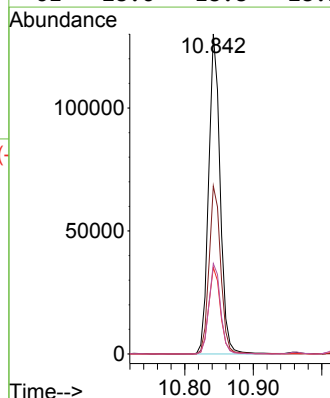
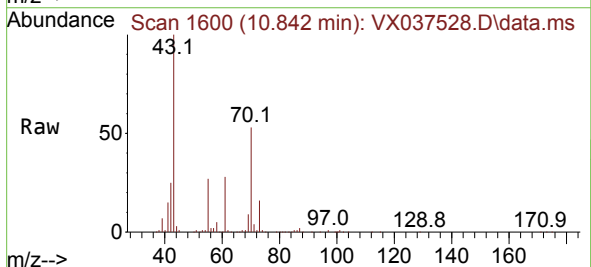
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

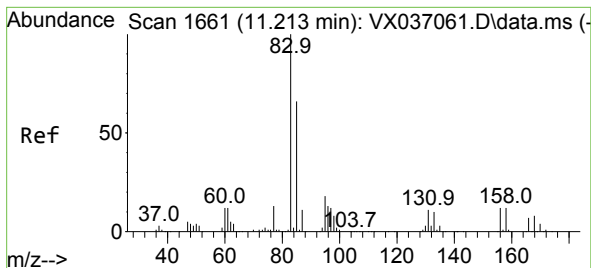
Tgt Ion:105 Resp: 395255
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6



#74
N-ethyl acetate
Concen: 51.427 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 43 Resp: 152227
Ion Ratio Lower Upper
43 100
70 53.3 32.9 49.3#
55 27.7 19.3 28.9
61 28.6 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 57.385 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

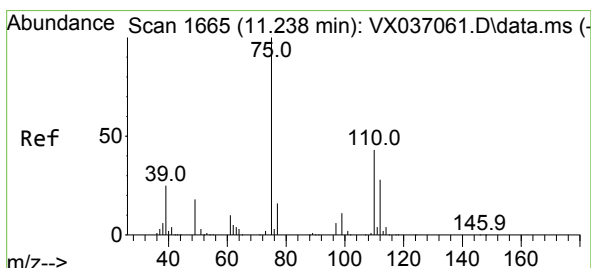
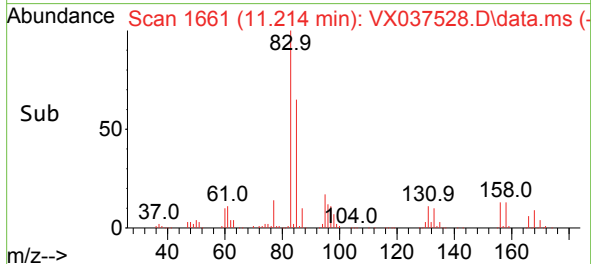
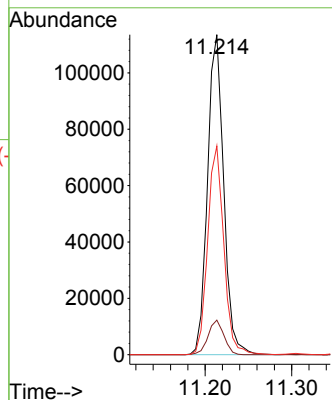
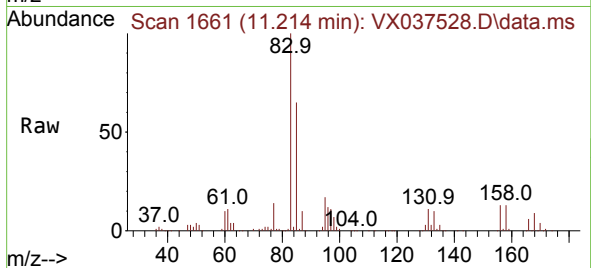
Tgt Ion: 83 Resp: 147224

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 69.318 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037528.D

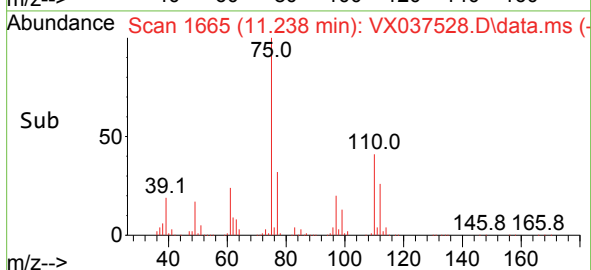
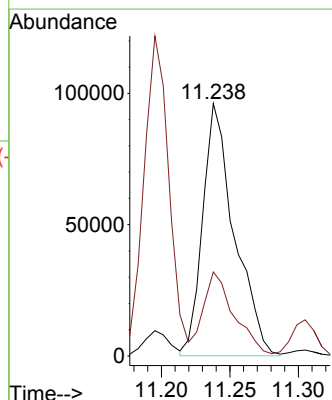
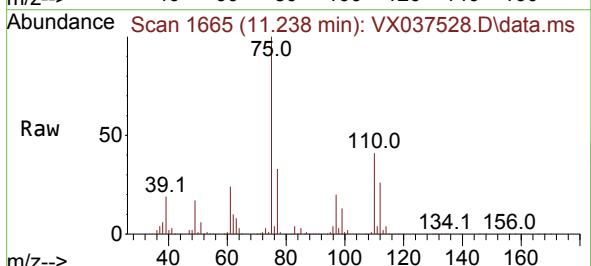
Acq: 06 Sep 2023 02:37

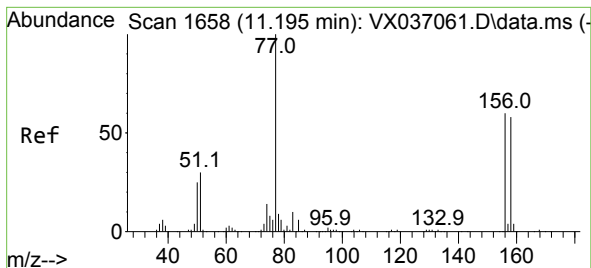
Tgt Ion: 75 Resp: 154724

Ion Ratio Lower Upper

75 100

77 32.7 19.1 57.5





#77

Bromobenzene

Concen: 52.950 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

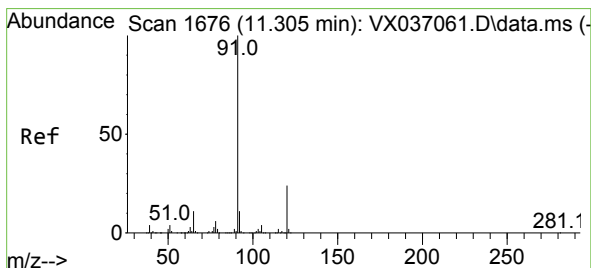
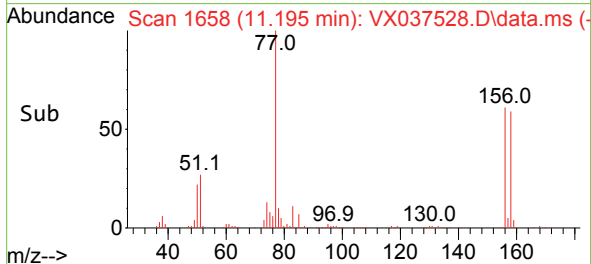
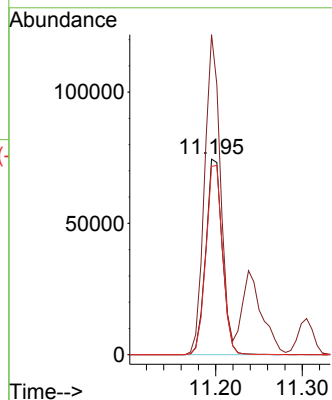
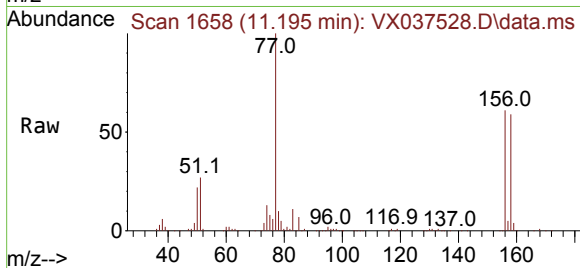
Tgt Ion:156 Resp: 98514

Ion Ratio Lower Upper

156 100

77 157.6 88.4 265.3

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 52.268 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037528.D

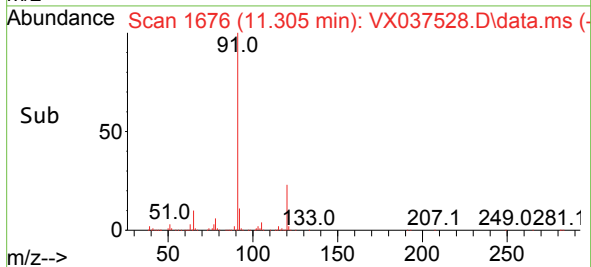
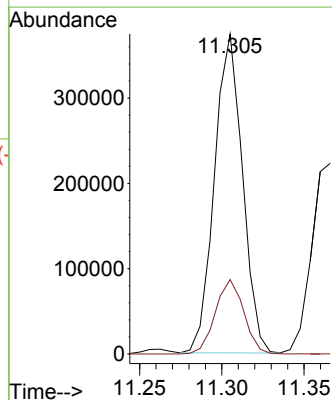
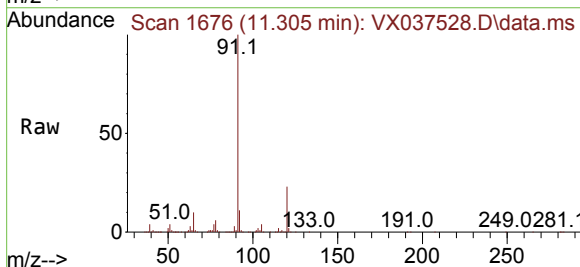
Acq: 06 Sep 2023 02:37

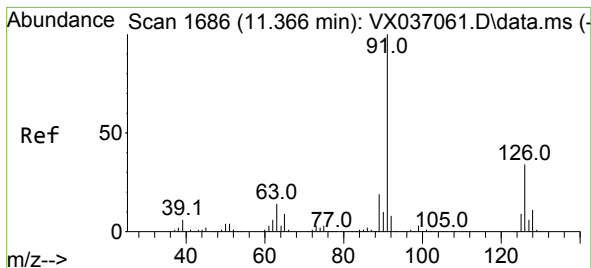
Tgt Ion: 91 Resp: 443383

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

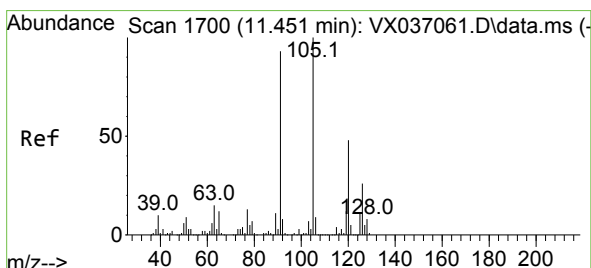
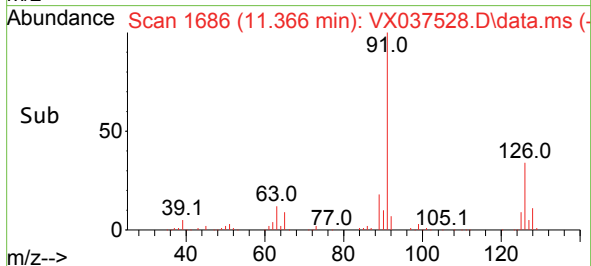
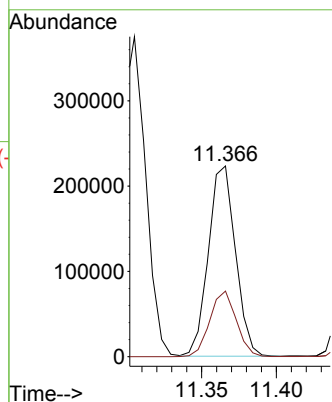
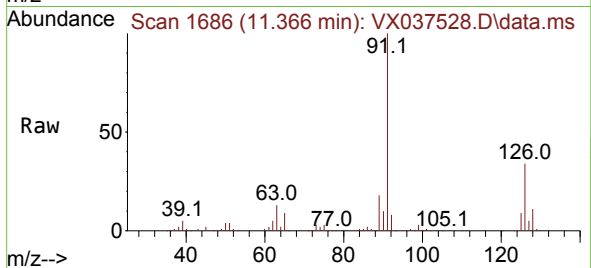




#79
2-Chlorotoluene
Concen: 51.944 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

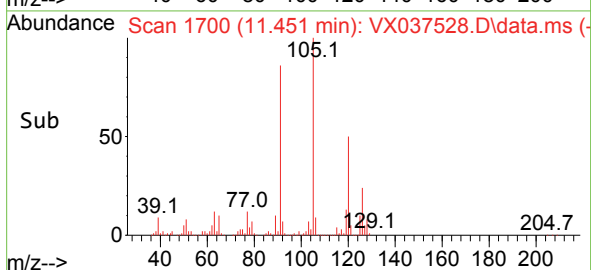
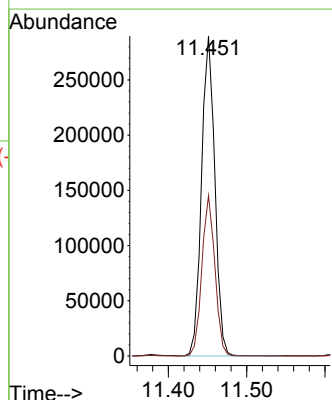
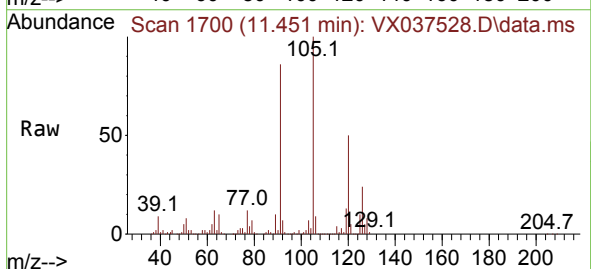
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

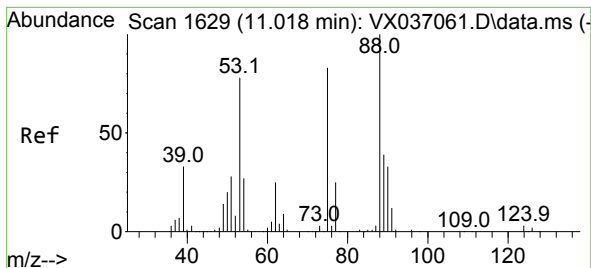
Tgt Ion: 91 Resp: 281581
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 53.836 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037528.D
Acq: 06 Sep 2023 02:37

Tgt Ion: 105 Resp: 342118
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3

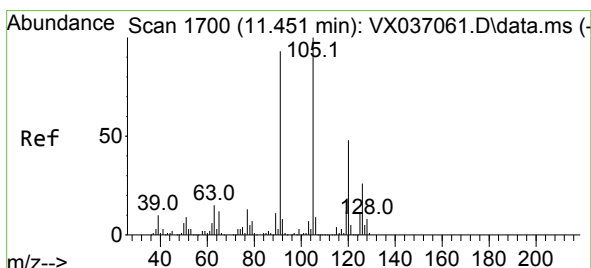
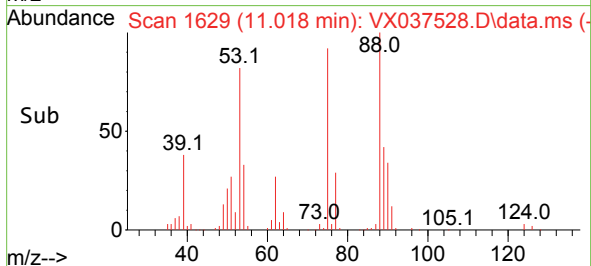
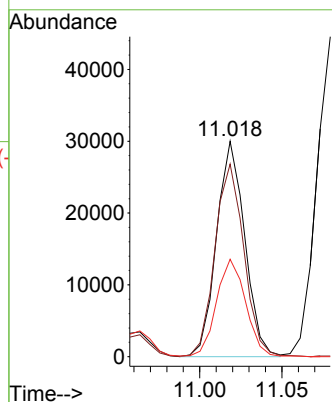
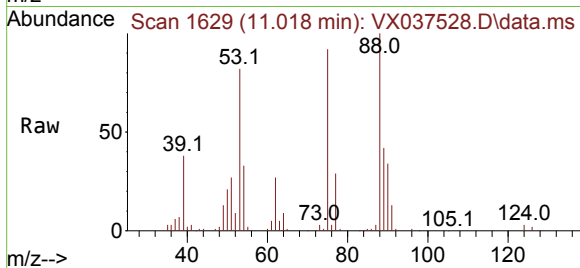




#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.860 ug/l
 RT: 11.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX037528.D
 Acq: 06 Sep 2023 02:37

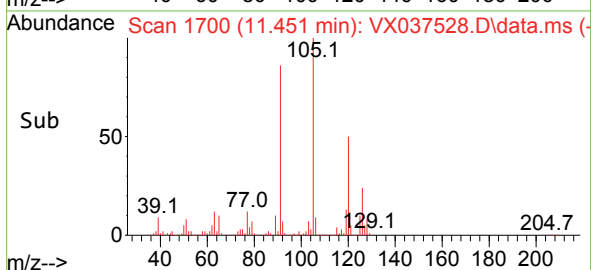
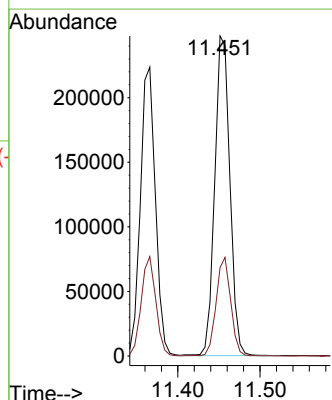
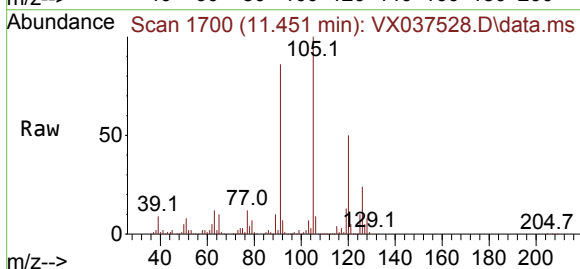
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

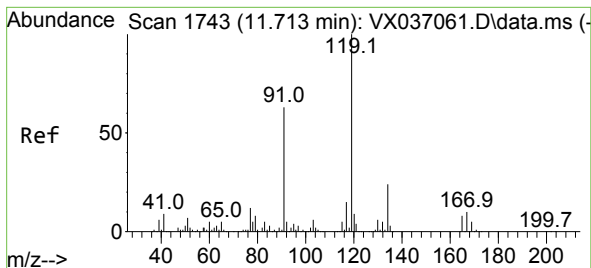
Tgt Ion: 75 Resp: 35850
 Ion Ratio Lower Upper
 75 100
 53 91.8 90.5 135.7
 89 46.8 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 50.668 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX037528.D
 Acq: 06 Sep 2023 02:37

Tgt Ion: 91 Resp: 317058
 Ion Ratio Lower Upper
 91 100
 126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 56.313 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

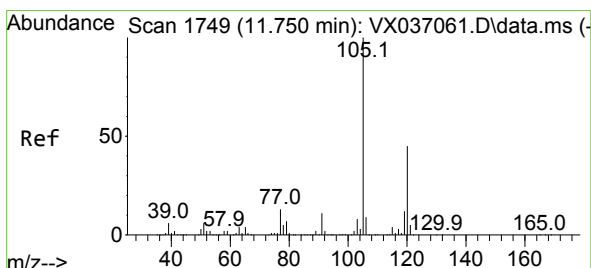
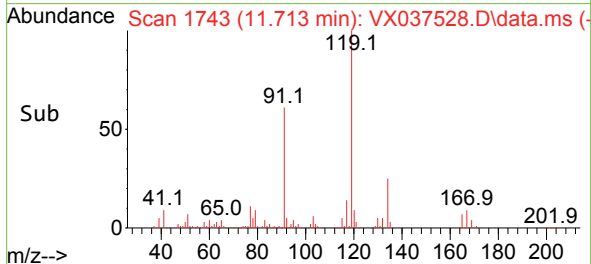
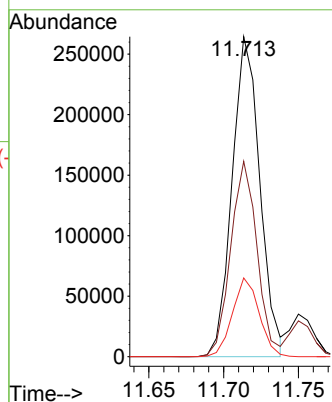
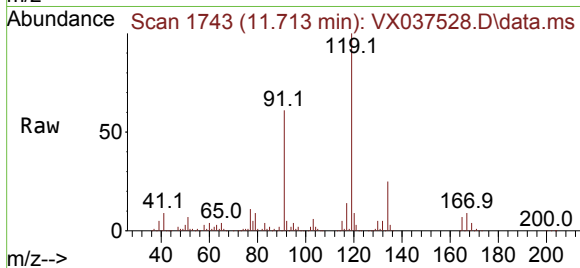
Tgt Ion:119 Resp: 341285

Ion Ratio Lower Upper

119 100

91 58.2 31.2 93.6

134 23.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 53.721 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037528.D

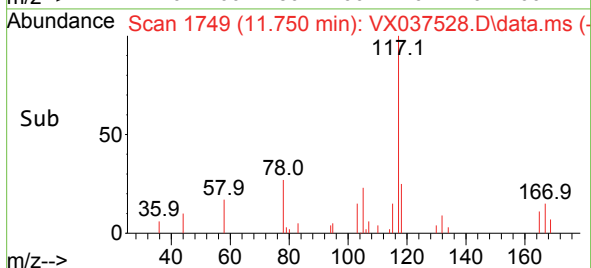
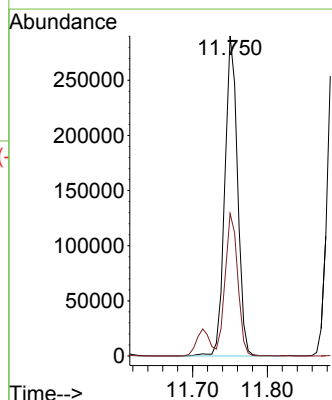
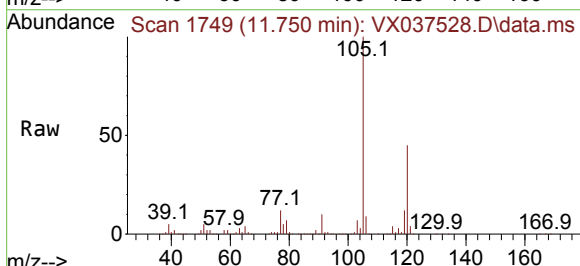
Acq: 06 Sep 2023 02:37

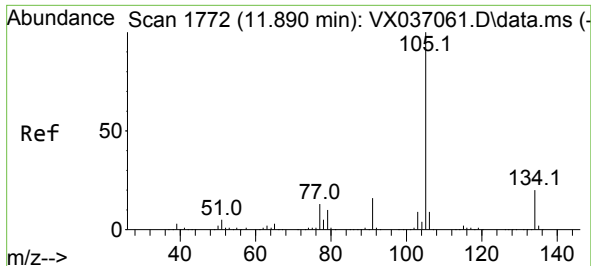
Tgt Ion:105 Resp: 345021

Ion Ratio Lower Upper

105 100

120 43.8 21.2 63.6

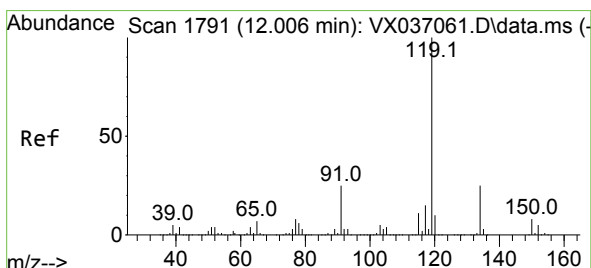
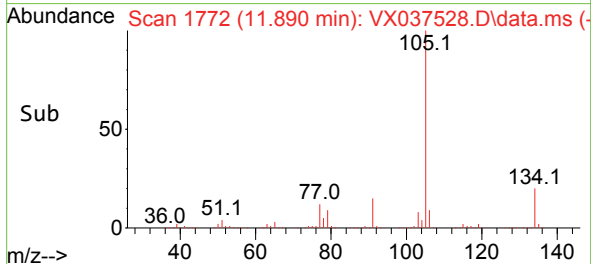
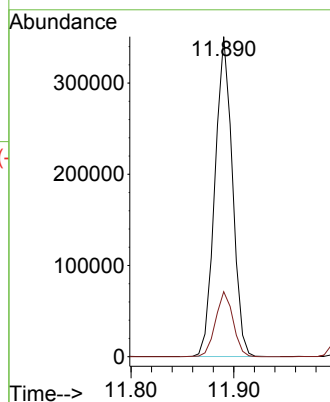
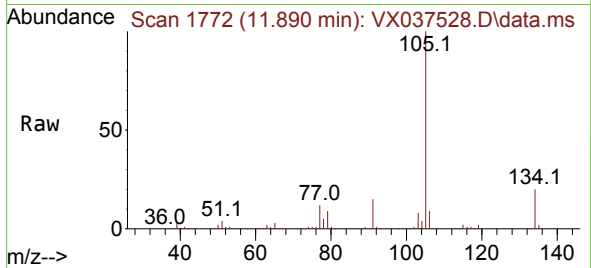




#85
 sec-Butylbenzene
 Concen: 58.292 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037528.D
 Acq: 06 Sep 2023 02:37

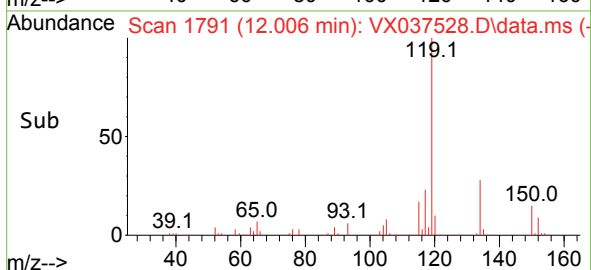
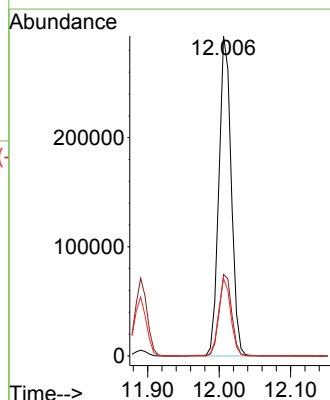
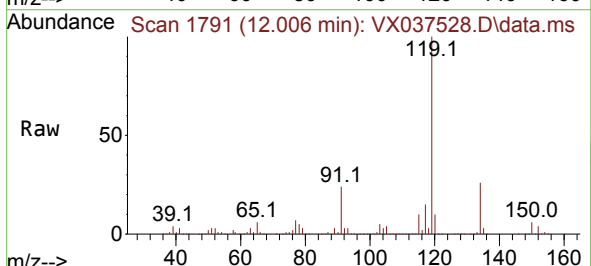
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

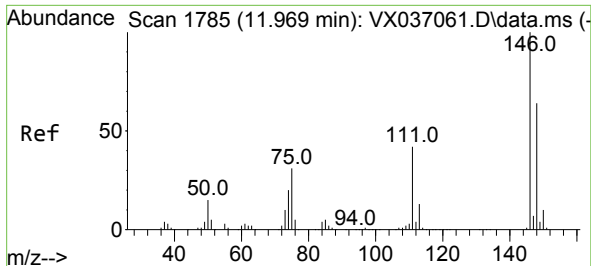
Tgt Ion:105 Resp: 412650
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 57.705 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037528.D
 Acq: 06 Sep 2023 02:37

Tgt Ion:119 Resp: 351649
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 23.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.131 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

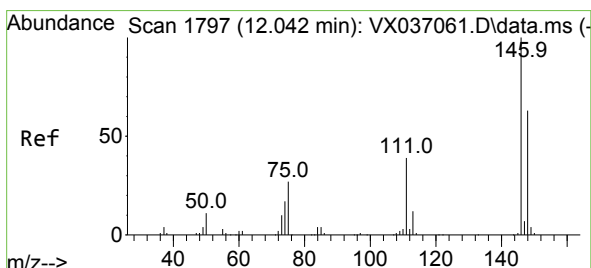
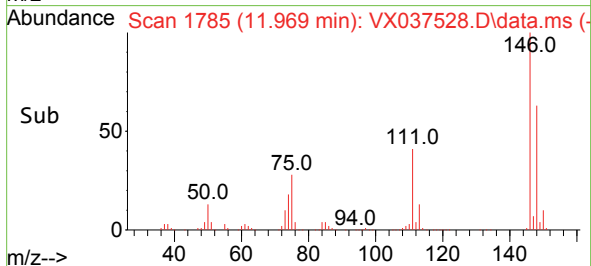
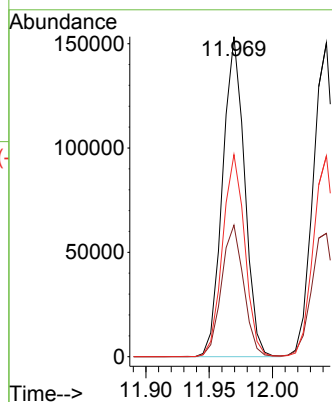
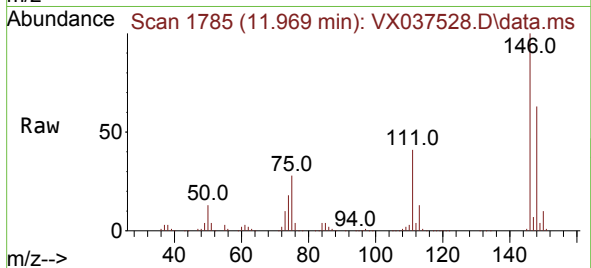
Tgt Ion:146 Resp: 185073

Ion Ratio Lower Upper

146 100

111 41.5 22.1 66.1

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.001 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

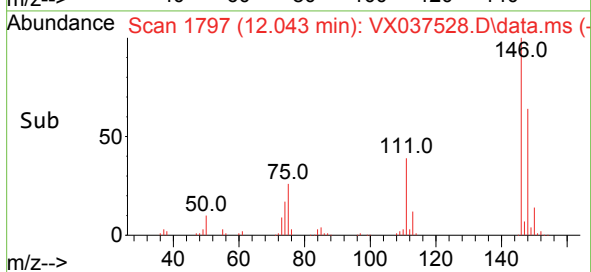
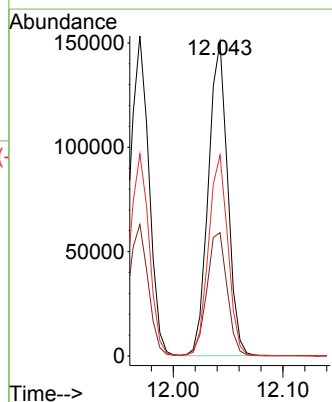
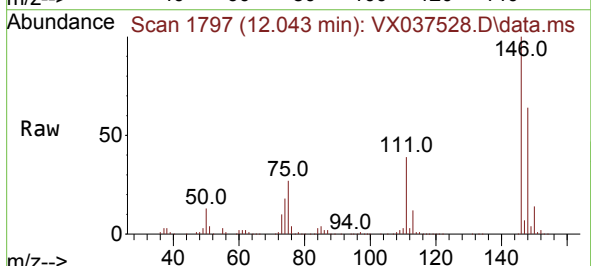
Tgt Ion:146 Resp: 183544

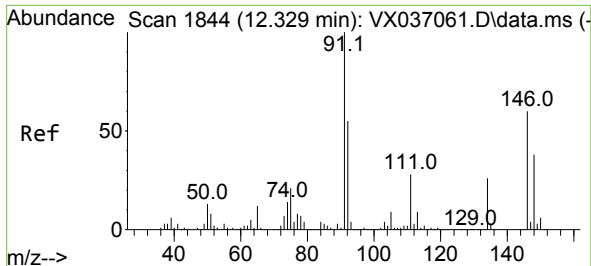
Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.7

148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 57.088 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

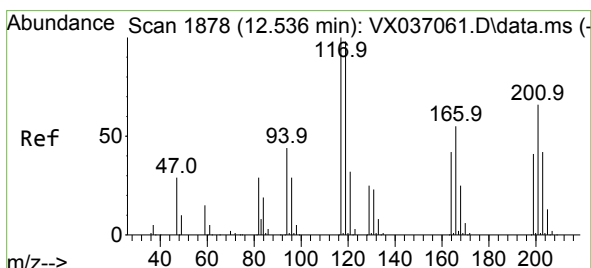
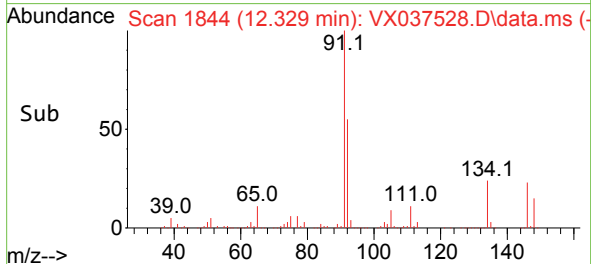
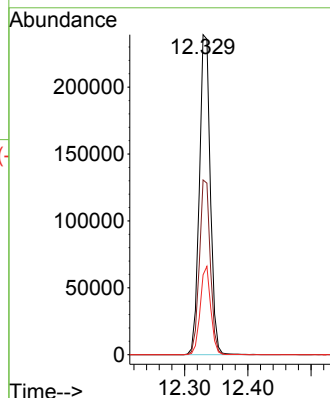
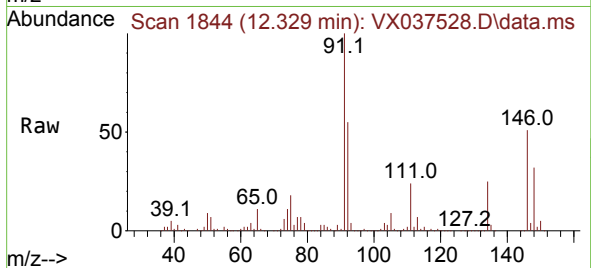
Tgt Ion: 91 Resp: 288428

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.0

134 26.5 12.6 37.8



#90

Hexachloroethane

Concen: 61.262 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037528.D

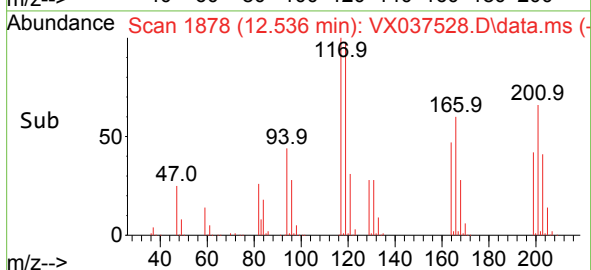
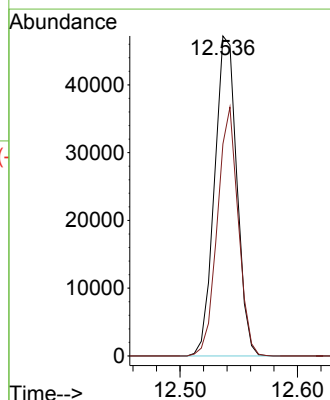
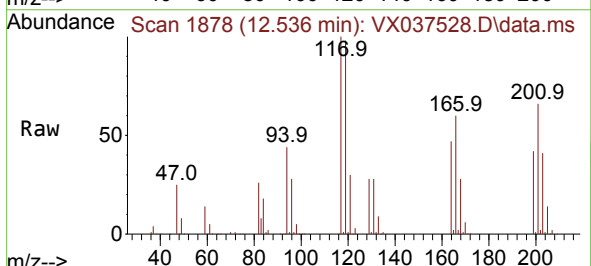
Acq: 06 Sep 2023 02:37

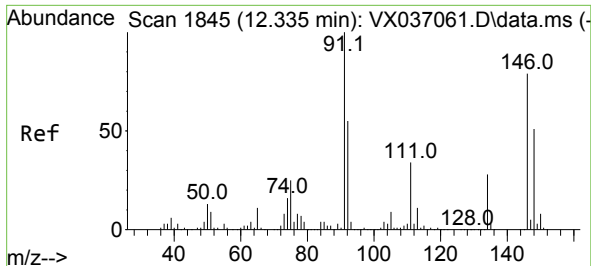
Tgt Ion: 117 Resp: 62311

Ion Ratio Lower Upper

117 100

201 72.7 32.9 98.6

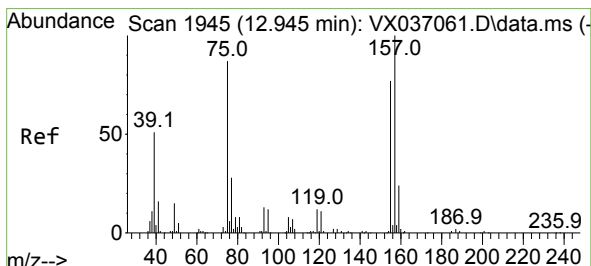
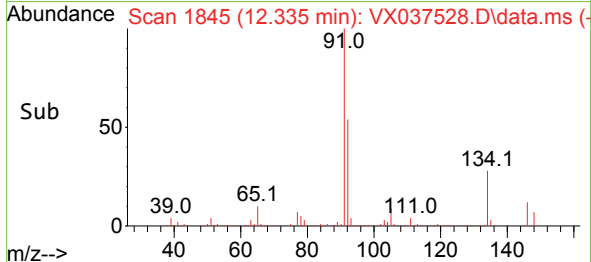
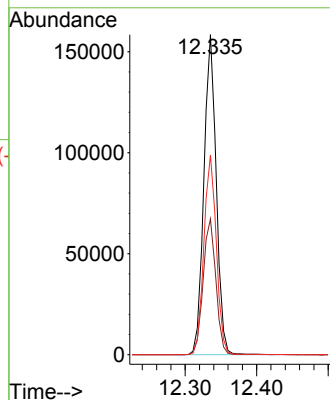
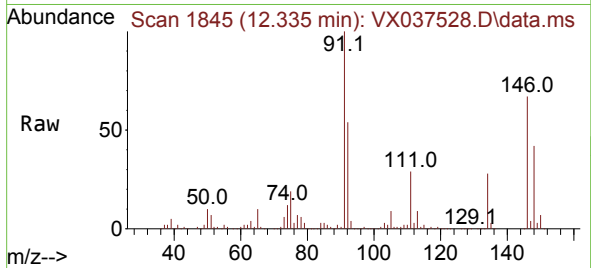




#91
 1,2-Dichlorobenzene
 Concen: 55.737 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX037528.D
 Acq: 06 Sep 2023 02:37

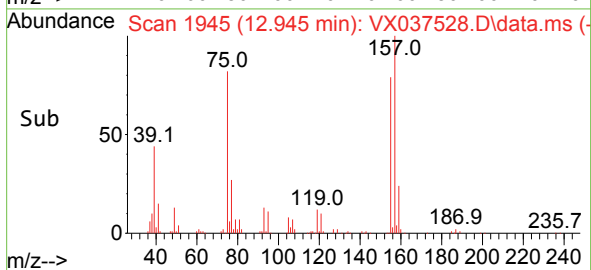
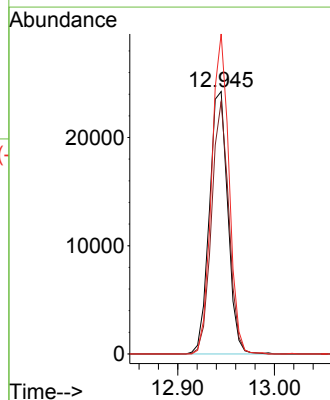
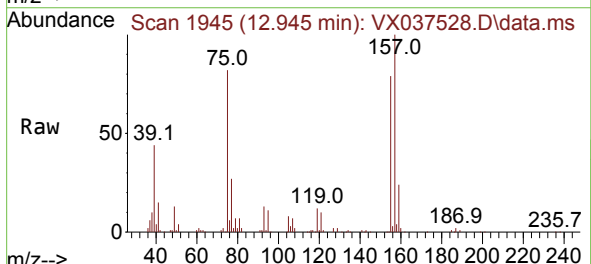
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

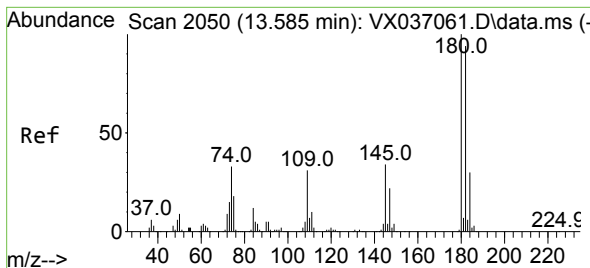
Tgt Ion:146 Resp: 190115
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.4 67.0
 148 63.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.034 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX037528.D
 Acq: 06 Sep 2023 02:37

Tgt Ion: 75 Resp: 32211
 Ion Ratio Lower Upper
 75 100
 155 90.0 36.1 108.5
 157 114.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.365 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

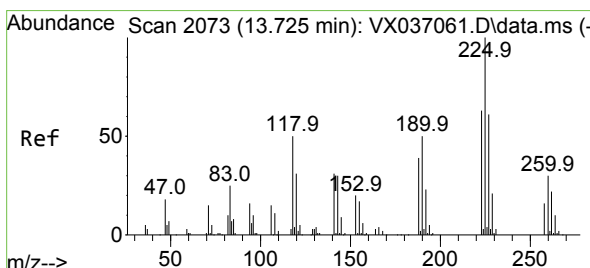
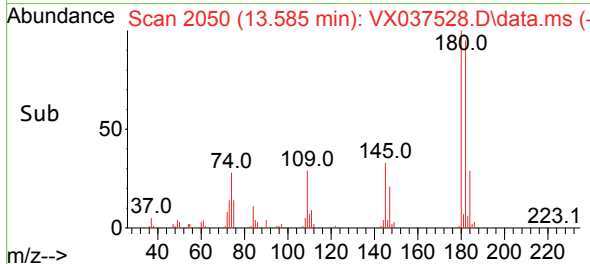
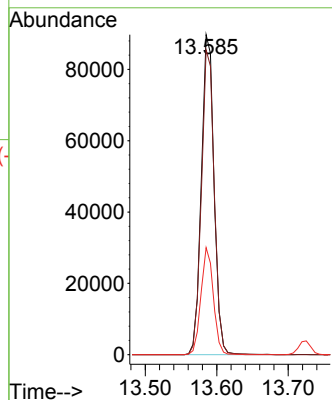
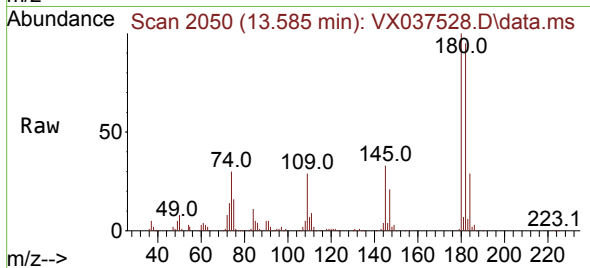
Tgt Ion:180 Resp: 110497

Ion Ratio Lower Upper

180 100

182 96.4 48.3 144.8

145 32.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 59.345 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

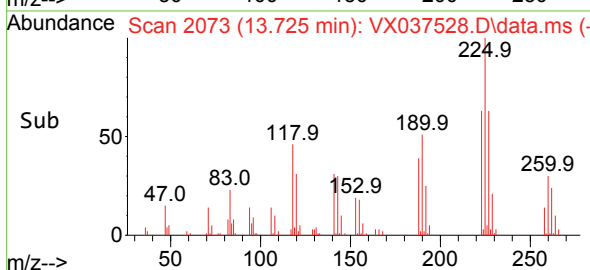
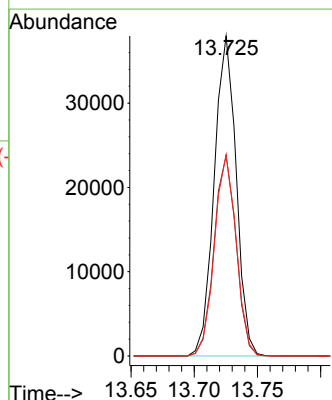
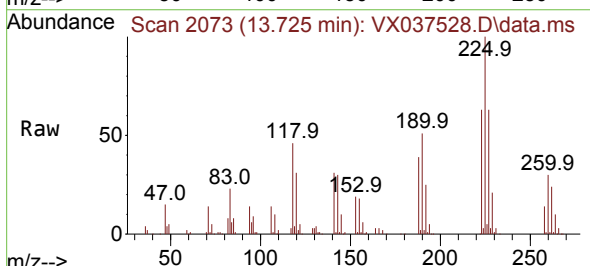
Tgt Ion:225 Resp: 45756

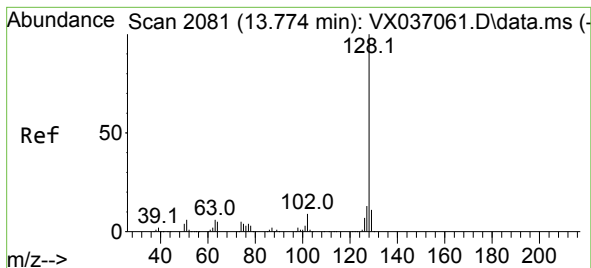
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.2

227 62.3 32.5 97.5





#95

Naphthalene

Concen: 47.675 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

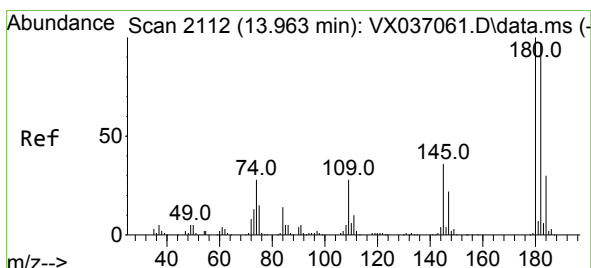
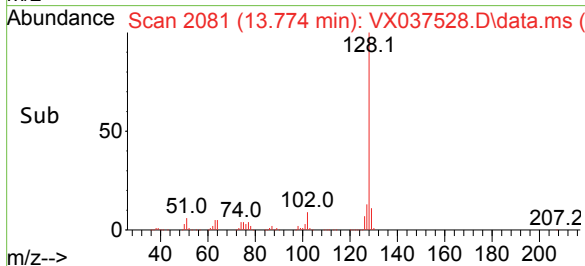
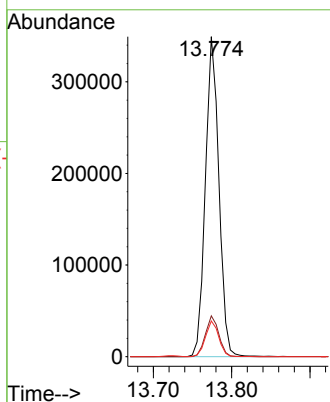
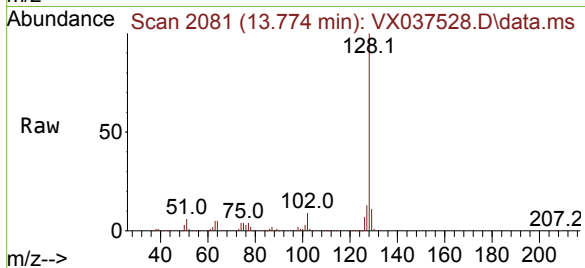
Tgt Ion:128 Resp: 416798

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 57.279 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037528.D

Acq: 06 Sep 2023 02:37

Tgt Ion:180 Resp: 113576

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.6

145 35.1 17.8 53.5

