

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034644.D
 Acq On : 21 Mar 2023 09:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 01:59:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	296068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	506070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	234981	54.556	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.120%	
35) Dibromofluoromethane	5.385	113	168228	50.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.700%	
50) Toluene-d8	8.647	98	537171	43.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 86.140%#	
62) 4-Bromofluorobenzene	11.079	95	225398	44.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129493	46.916	ug/l	98
3) Chloromethane	1.301	50	180898	43.085	ug/l	99
4) Vinyl Chloride	1.374	62	166146	44.208	ug/l	99
5) Bromomethane	1.599	94	99861	52.663	ug/l	97
6) Chloroethane	1.679	64	108944	50.347	ug/l	99
7) Trichlorofluoromethane	1.886	101	269810	47.779	ug/l	99
8) Diethyl Ether	2.130	74	104694	50.786	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	142818	43.396	ug/l	100
10) Methyl Iodide	2.453	142	202949	46.970	ug/l	98
11) Tert butyl alcohol	2.953	59	164608	183.522	ug/l	100
12) 1,1-Dichloroethene	2.319	96	138614	42.767	ug/l	97
13) Acrolein	2.233	56	175317	247.076	ug/l	100
14) Allyl chloride	2.660	41	276487	42.077	ug/l	98
15) Acrylonitrile	3.056	53	428538	221.175	ug/l	99
16) Acetone	2.374	43	429026	211.457	ug/l	99
17) Carbon Disulfide	2.508	76	361520	39.635	ug/l	99
18) Methyl Acetate	2.697	43	307126	46.328	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	515887	44.454	ug/l	100
20) Methylene Chloride	2.788	84	165768	42.098	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	153204	44.509	ug/l	98
22) Diisopropyl ether	3.757	45	561715	44.836	ug/l	90
23) Vinyl Acetate	3.715	43	2113446	221.655	ug/l	99
24) 1,1-Dichloroethane	3.605	63	296922	44.089	ug/l	100
25) 2-Butanone	4.544	43	626376	215.763	ug/l	98
26) 2,2-Dichloropropane	4.471	77	246670	42.137	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	182230	43.978	ug/l	100
28) Bromochloromethane	4.891	49	144005	45.988	ug/l	100
29) Tetrahydrofuran	4.995	42	391699	218.659	ug/l	100
30) Chloroform	5.086	83	302758	45.862	ug/l	99
31) Cyclohexane	5.464	56	287770	47.639	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	307425	52.604	ug/l	100
36) 1,1-Dichloropropene	5.684	75	253150	49.327	ug/l	98
37) Ethyl Acetate	4.708	43	237452	42.352	ug/l	98
38) Carbon Tetrachloride	5.672	117	265502	52.004	ug/l	97
39) Methylcyclohexane	7.379	83	279178	45.457	ug/l	96
40) Benzene	6.031	78	723179	48.170	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	136172	44.318	ug/l	99
42) 1,2-Dichloroethane	6.080	62	309170	56.033	ug/l	97
43) Isopropyl Acetate	6.336	43	463480	48.798	ug/l	100
44) Trichloroethene	7.123	130	185123	47.458	ug/l	93
45) 1,2-Dichloropropane	7.428	63	182808	46.634	ug/l	100
46) Dibromomethane	7.580	93	120311	45.144	ug/l	100
47) Bromodichloromethane	7.818	83	231527	44.888	ug/l	99
48) Methyl methacrylate	7.690	41	205261	44.934	ug/l	98
49) 1,4-Dioxane	7.653	88	80053	834.356	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	1229741	223.189	ug/l	99
52) Toluene	8.714	92	417526	44.921	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	265891	45.758	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	282804	44.984	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	168969	45.806	ug/l	98
56) Ethyl methacrylate	9.116	69	276281	45.617	ug/l	98
57) 1,3-Dichloropropane	9.305	76	295235	45.033	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	639950	205.028	ug/l	100
59) 2-Hexanone	9.427	43	980077	230.108	ug/l	98
60) Dibromochloromethane	9.519	129	180133	46.561	ug/l	100
61) 1,2-Dibromoethane	9.610	107	181265	45.537	ug/l	99
64) Tetrachloroethene	9.269	164	138576	48.692	ug/l	97
65) Chlorobenzene	10.079	112	446568	48.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	164729	48.656	ug/l	100
67) Ethyl Benzene	10.189	91	822720	49.438	ug/l	97
68) m/p-Xylenes	10.299	106	626148	97.948	ug/l	99
69) o-Xylene	10.640	106	310757	48.440	ug/l	98
70) Styrene	10.653	104	523962	50.622	ug/l	99
71) Bromoform	10.799	173	125246	48.059	ug/l #	100
73) Isopropylbenzene	10.963	105	799345	47.125	ug/l	100
74) N-amyl acetate	10.842	43	390662	48.085	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	271573	47.979	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	299959	59.524	ug/l	83
77) Bromobenzene	11.195	156	196395	48.259	ug/l	99
78) n-propylbenzene	11.305	91	946984	48.341	ug/l	99
79) 2-Chlorotoluene	11.366	91	583866	48.259	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	687541	48.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	81085	43.530	ug/l	93
82) 4-Chlorotoluene	11.451	91	685802	49.212	ug/l	100
83) tert-Butylbenzene	11.713	119	662907	46.212	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	705388	48.512	ug/l	99
85) sec-Butylbenzene	11.890	105	813023	46.360	ug/l	99
86) p-Isopropyltoluene	12.006	119	684887	46.468	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	376745	47.248	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	381998	47.378	ug/l	100
89) n-Butylbenzene	12.329	91	664295	50.699	ug/l	99
90) Hexachloroethane	12.536	117	129474	47.474	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	402742	52.264	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	68114	52.966	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	242175	50.255	ug/l	99
94) Hexachlorobutadiene	13.725	225	96698	49.809	ug/l	98
95) Naphthalene	13.774	128	861299	53.300	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	246945	52.424	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

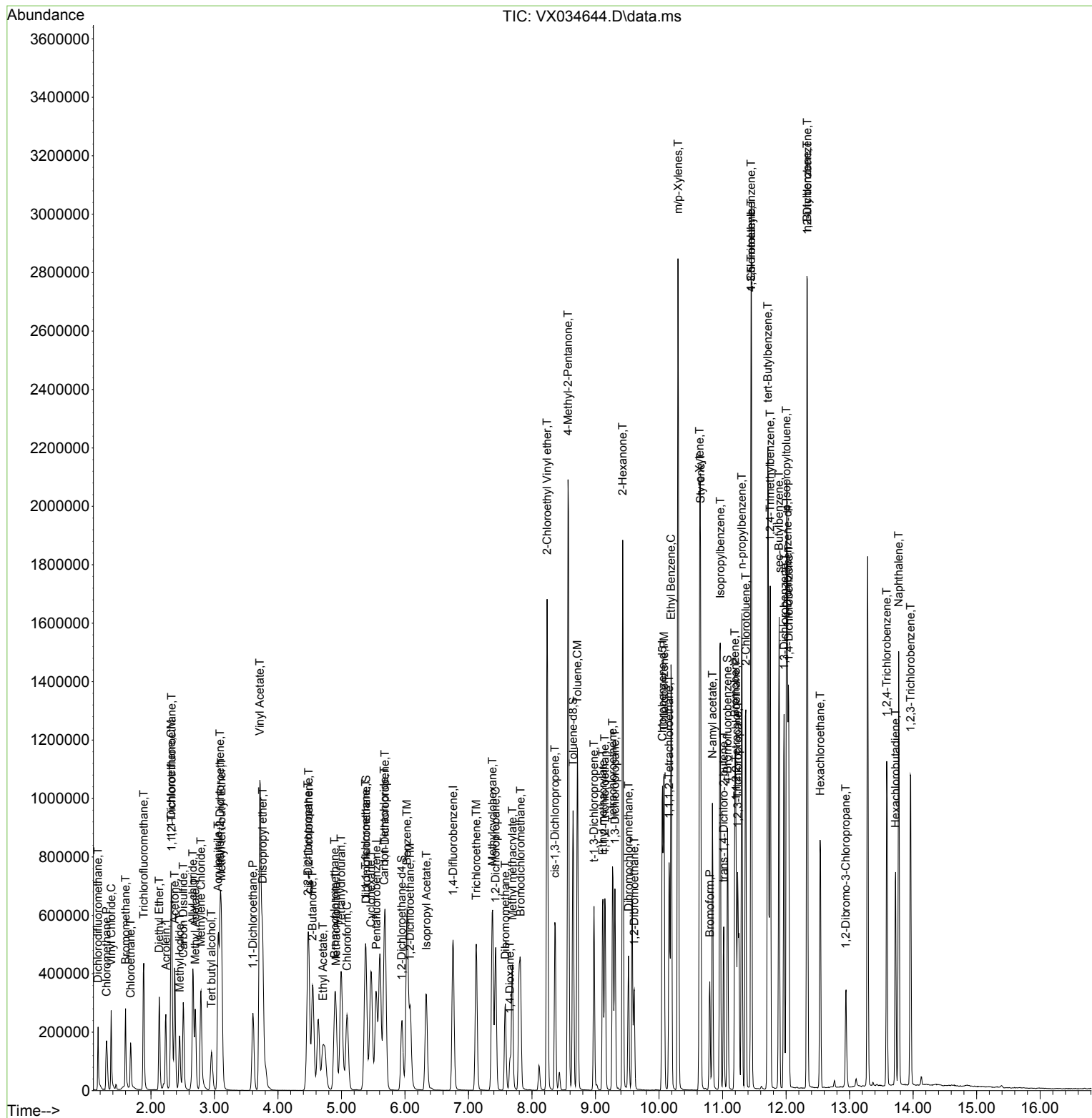
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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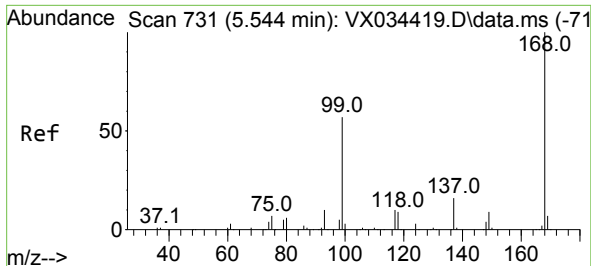
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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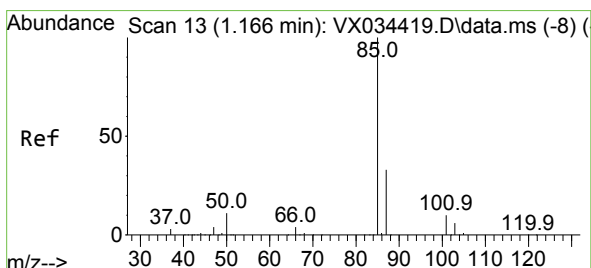
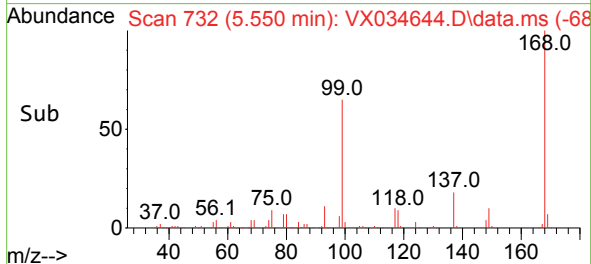
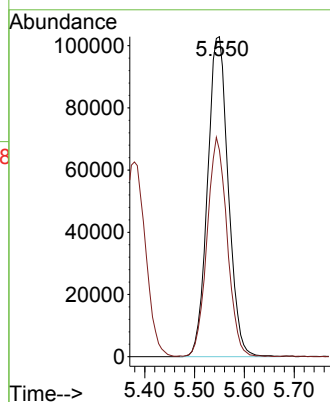
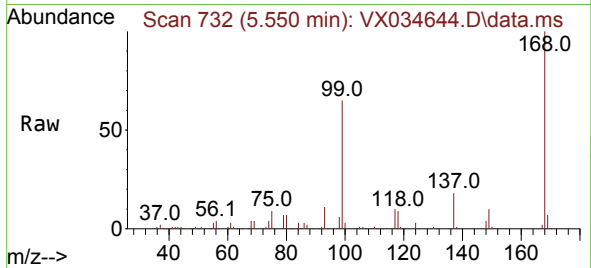




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034644.D
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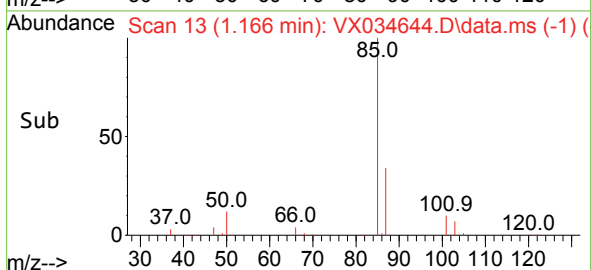
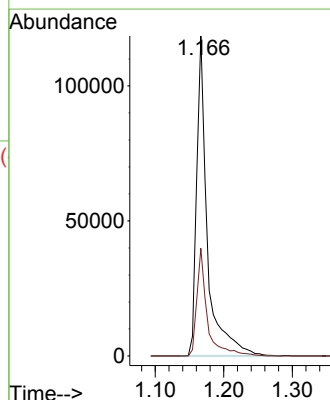
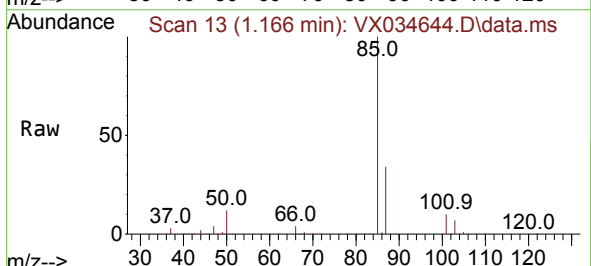
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

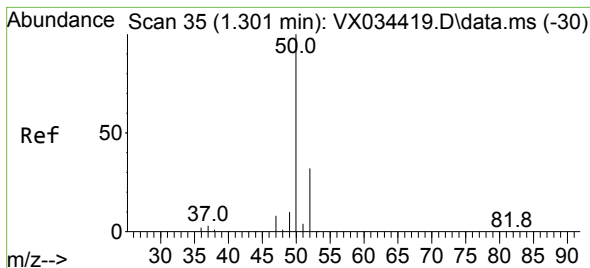
Tgt Ion:168 Resp: 296068
Ion Ratio Lower Upper
168 100
99 64.4 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 46.916 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 85 Resp: 129493
Ion Ratio Lower Upper
85 100
87 33.7 16.4 49.1





#3

Chloromethane

Concen: 43.085 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

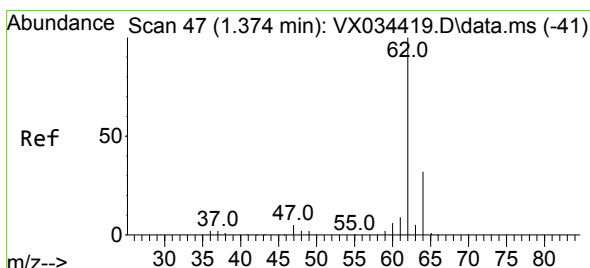
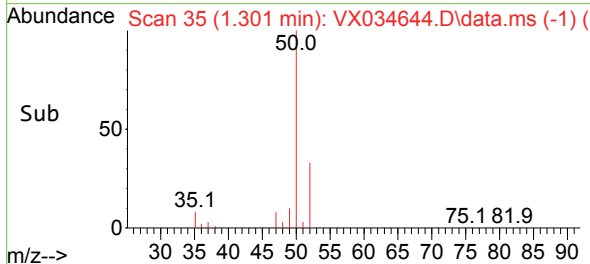
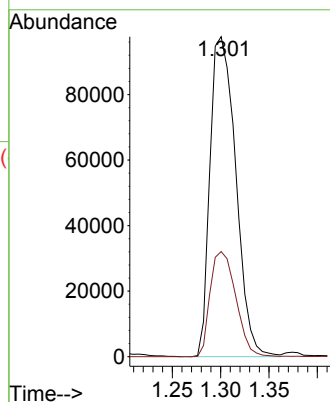
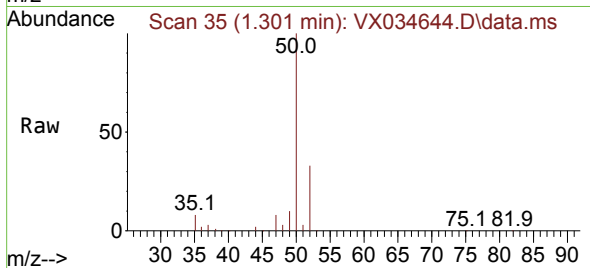
VSTDCCC050

Tgt Ion: 50 Resp: 180898

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 44.208 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034644.D

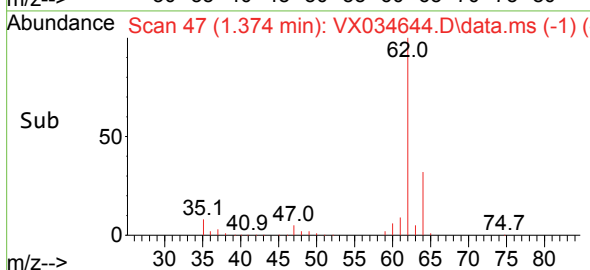
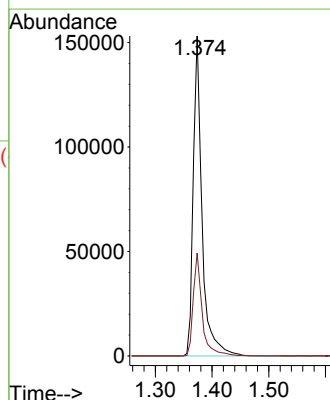
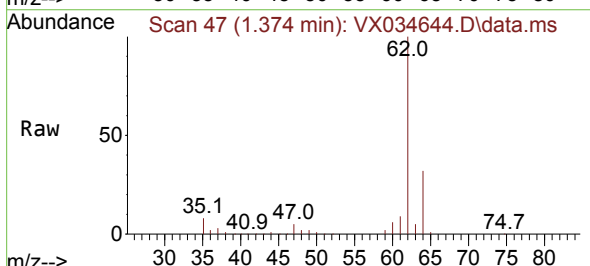
Acq: 21 Mar 2023 09:15

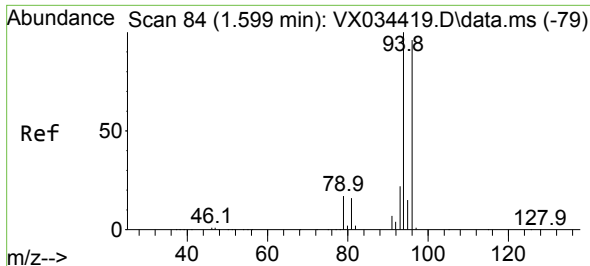
Tgt Ion: 62 Resp: 166146

Ion Ratio Lower Upper

62 100

64 32.2 26.4 39.6

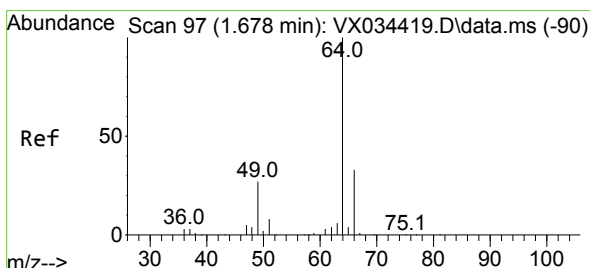
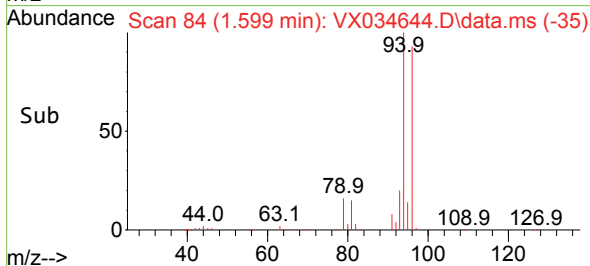
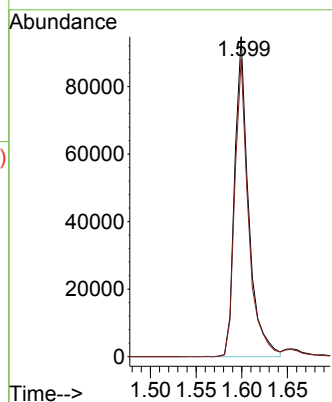
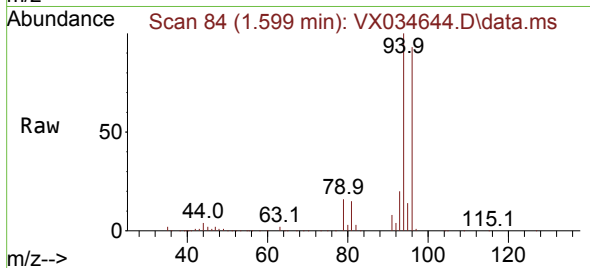




#5
Bromomethane
Concen: 52.663 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

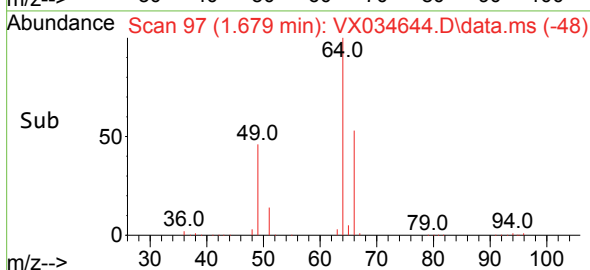
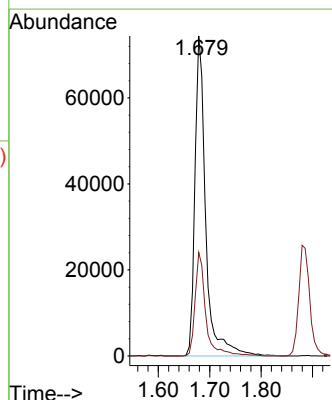
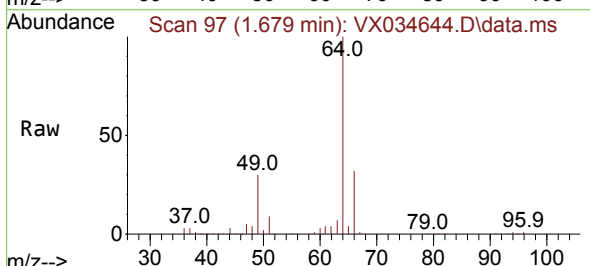
Instrument :
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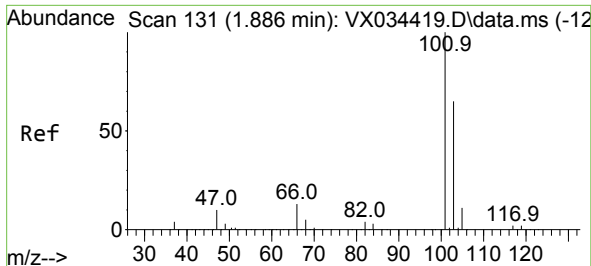
Tgt Ion: 94 Resp: 99861
Ion Ratio Lower Upper
94 100
96 93.1 77.0 115.6



#6
Chloroethane
Concen: 50.347 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 64 Resp: 108944
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4

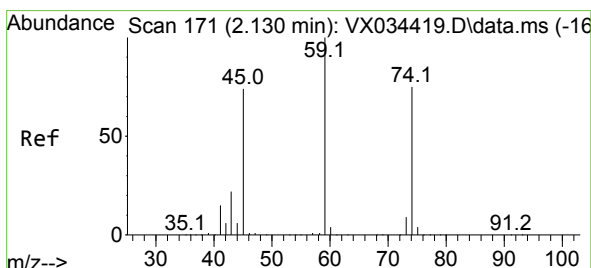
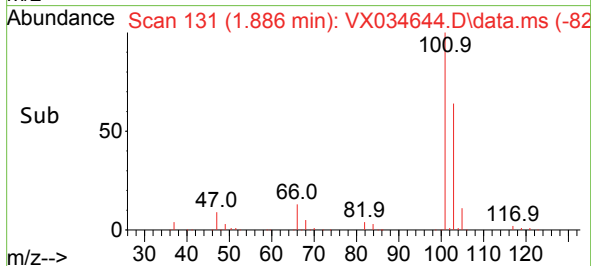
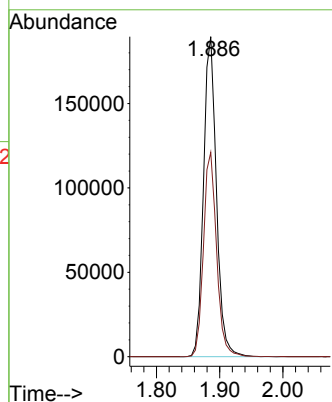
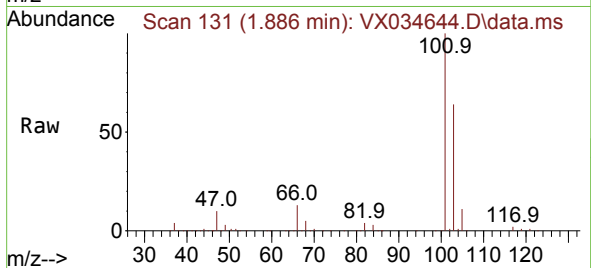




#7
 Trichlorofluoromethane
 Concen: 47.779 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX034644.D
 Acq: 21 Mar 2023 09:15

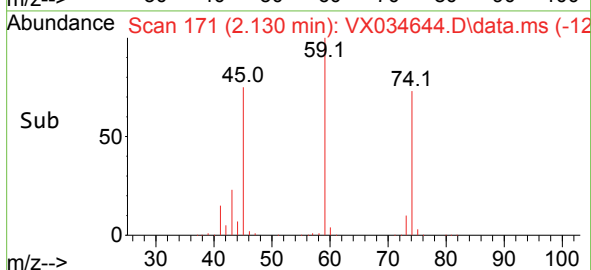
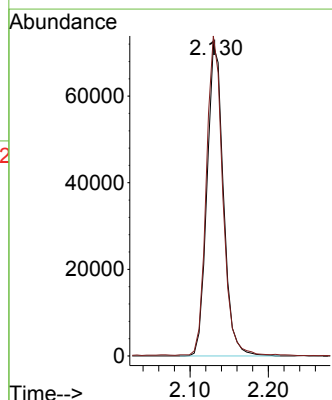
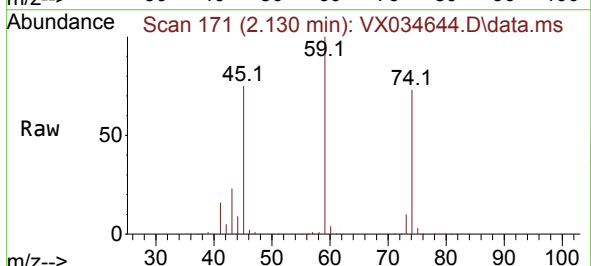
Instrument :
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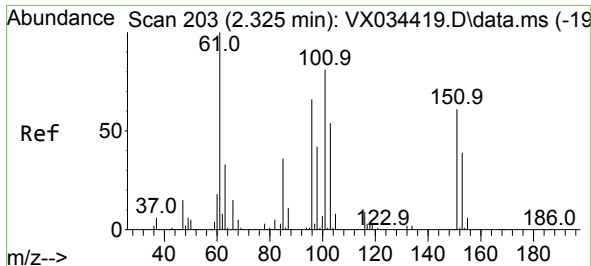
Tgt Ion:101 Resp: 269810
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.0 78.0



#8
 Diethyl Ether
 Concen: 50.786 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX034644.D
 Acq: 21 Mar 2023 09:15

Tgt Ion: 74 Resp: 104694
 Ion Ratio Lower Upper
 74 100
 45 102.7 49.8 149.3

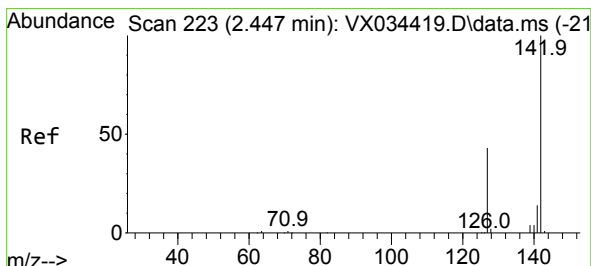
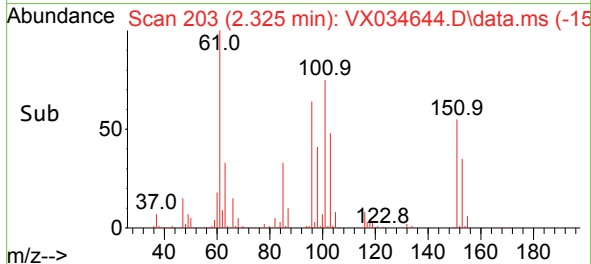
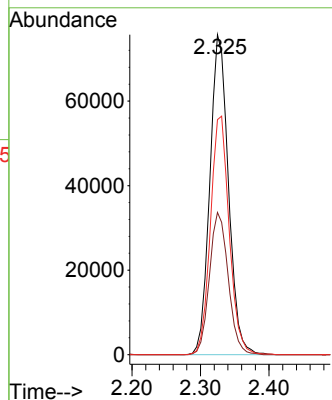
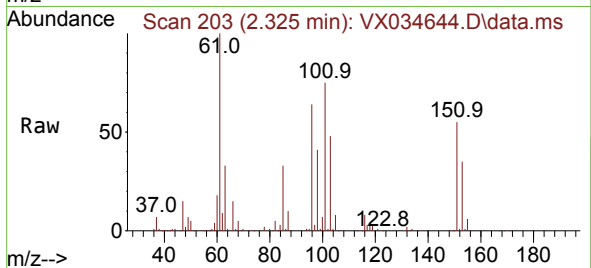




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.396 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

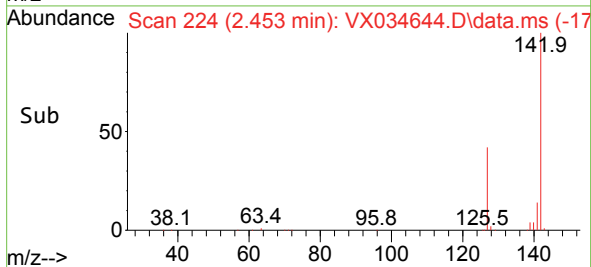
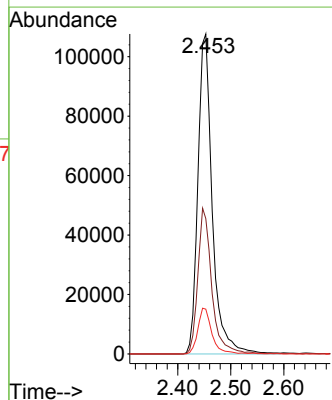
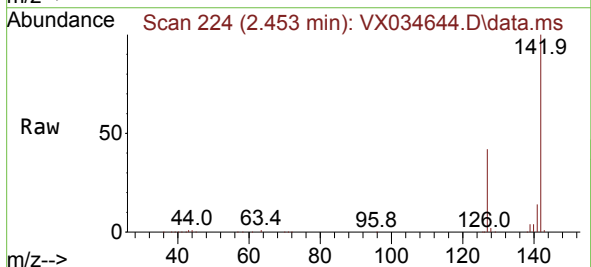
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

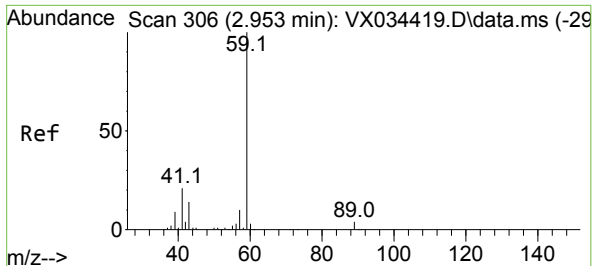
Tgt Ion:101 Resp: 142818
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.2
151 75.3 60.2 90.4



#10
Methyl Iodide
Concen: 46.970 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion:142 Resp: 202949
Ion Ratio Lower Upper
142 100
127 44.2 34.0 51.0
141 14.1 11.1 16.7

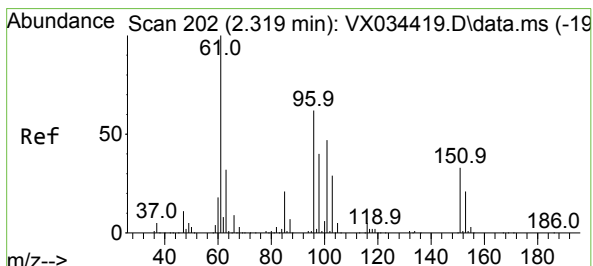
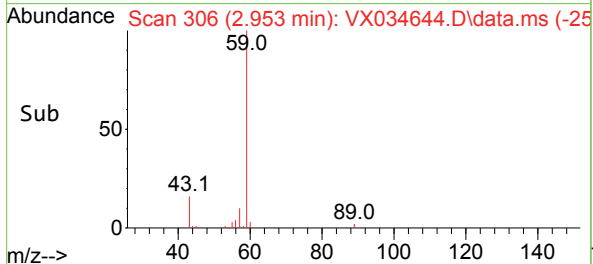
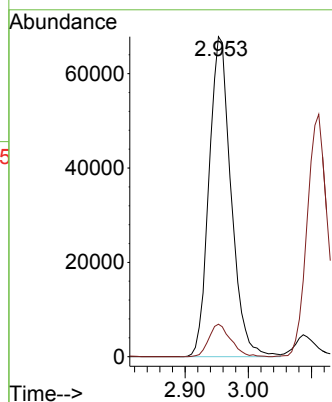
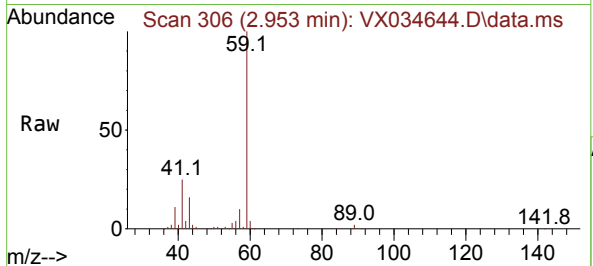




#11
Tert butyl alcohol
Concen: 183.522 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

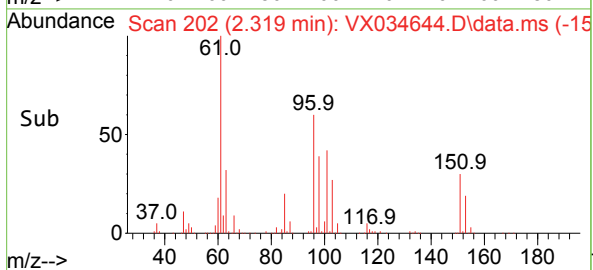
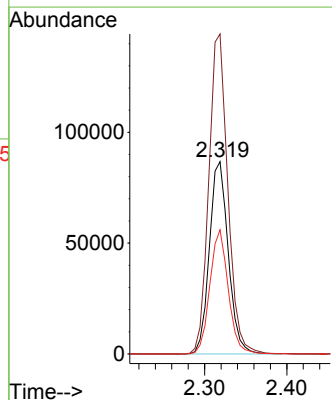
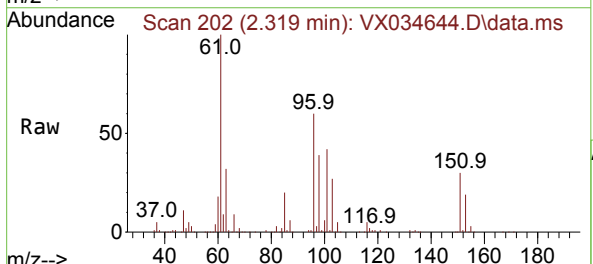
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

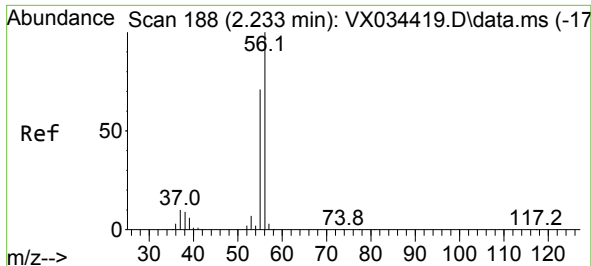
Tgt Ion: 59 Resp: 164608
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 42.767 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 96 Resp: 138614
Ion Ratio Lower Upper
96 100
61 166.4 128.8 193.2
98 64.6 51.4 77.0

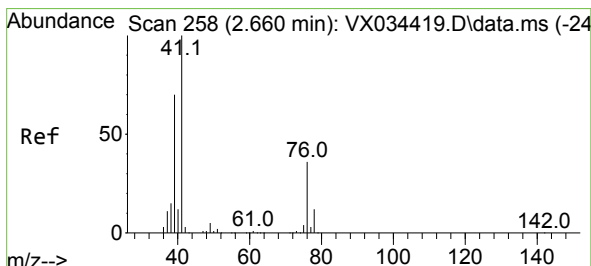
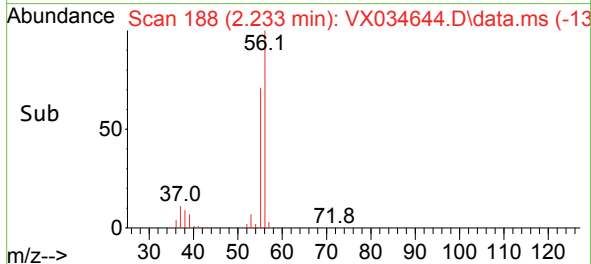
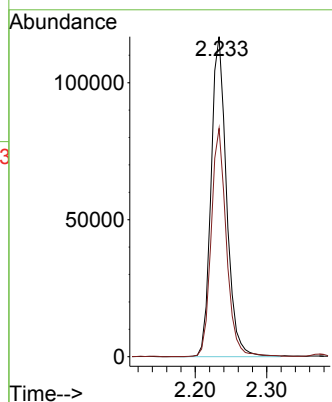
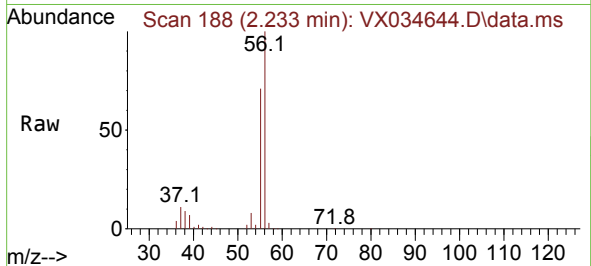




#13
Acrolein
Concen: 247.076 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

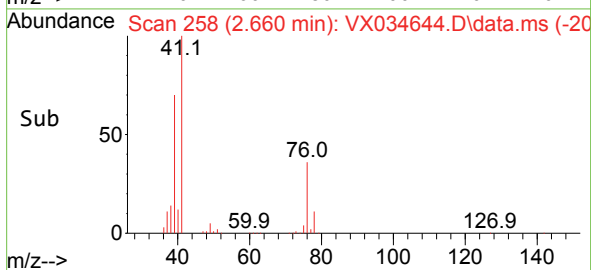
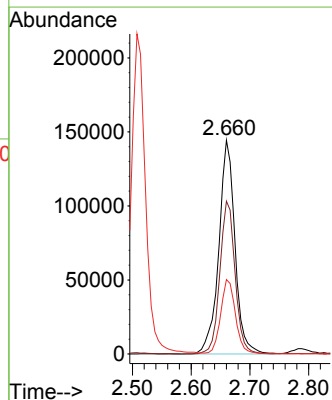
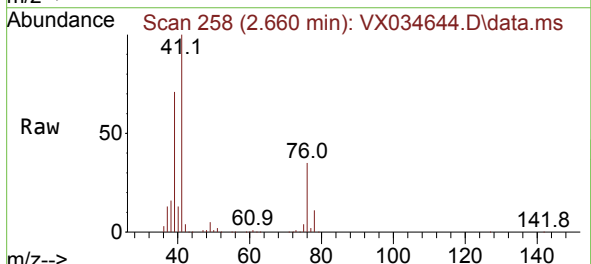
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

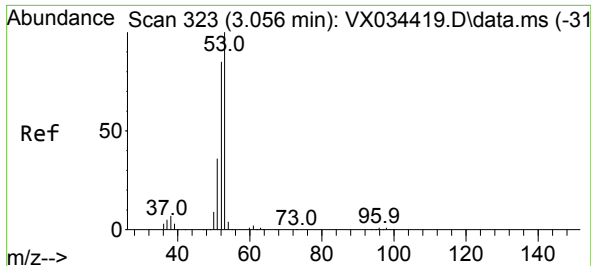
Tgt Ion: 56 Resp: 175317
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0



#14
Allyl chloride
Concen: 42.077 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 41 Resp: 276487
Ion Ratio Lower Upper
41 100
39 67.3 52.4 78.6
76 31.8 26.0 39.0

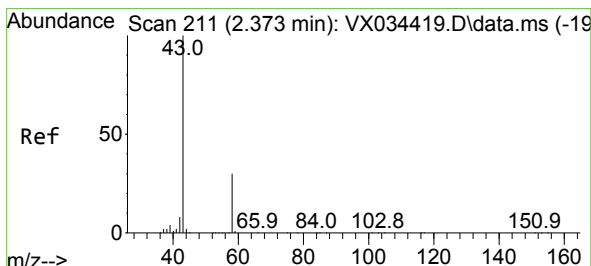
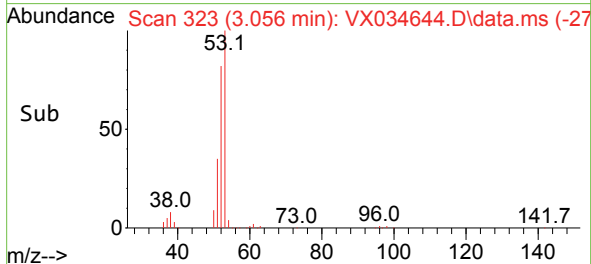
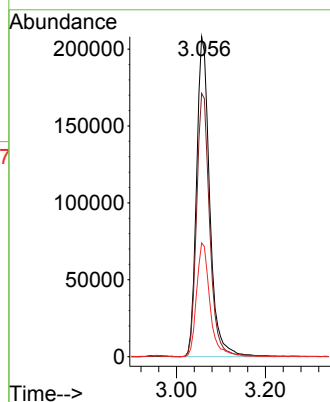
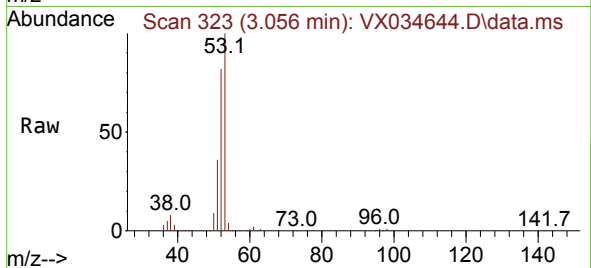




#15
Acrylonitrile
Concen: 221.175 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

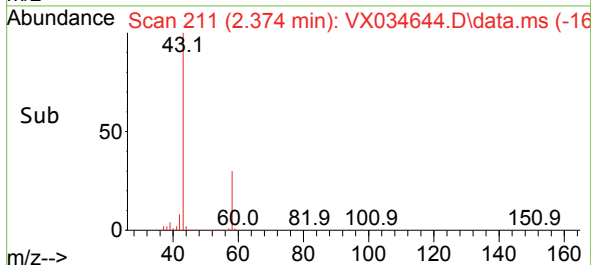
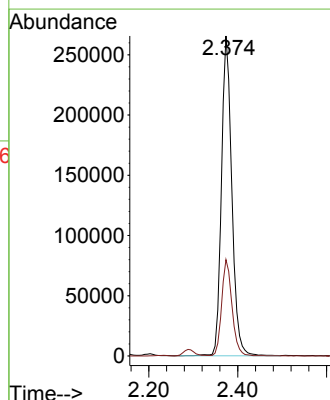
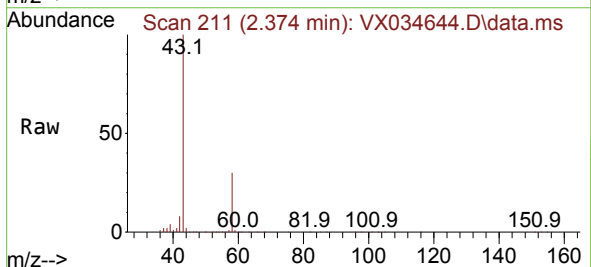
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

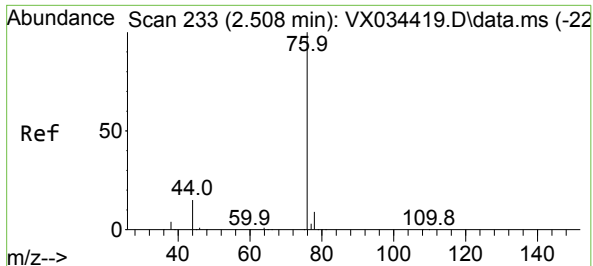
Tgt Ion: 53 Resp: 428538
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 36.2 28.3 42.5



#16
Acetone
Concen: 211.457 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 43 Resp: 429026
Ion Ratio Lower Upper
43 100
58 30.1 24.7 37.1

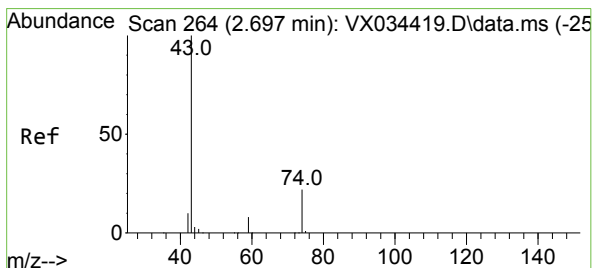
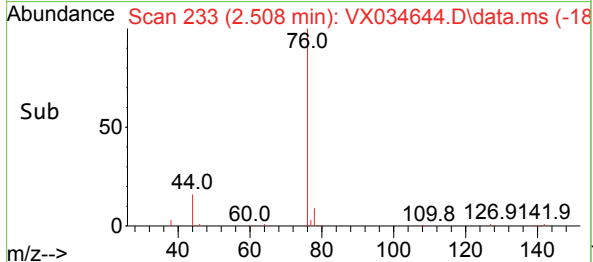
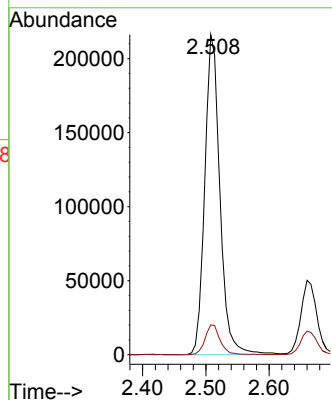
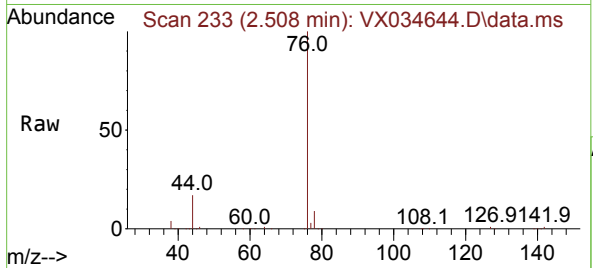




#17
Carbon Disulfide
Concen: 39.635 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

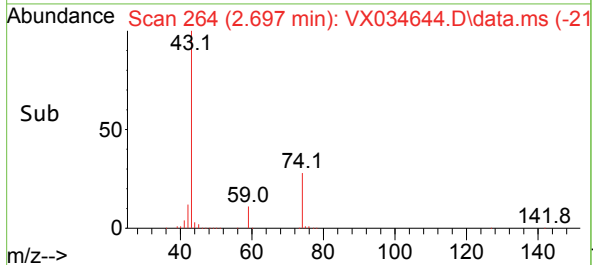
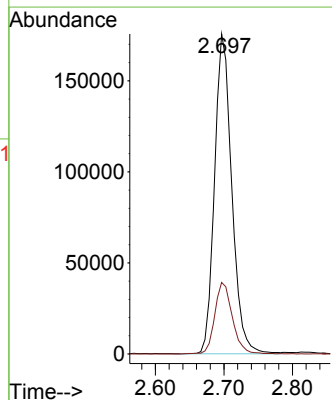
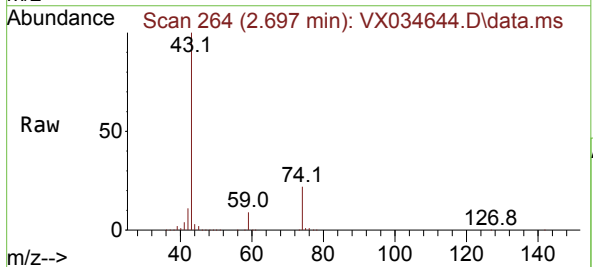
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

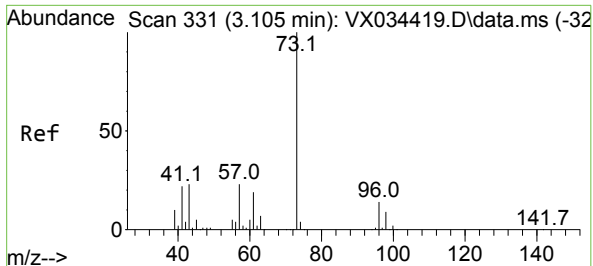
Tgt Ion: 76 Resp: 361520
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 46.328 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 43 Resp: 307126
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5

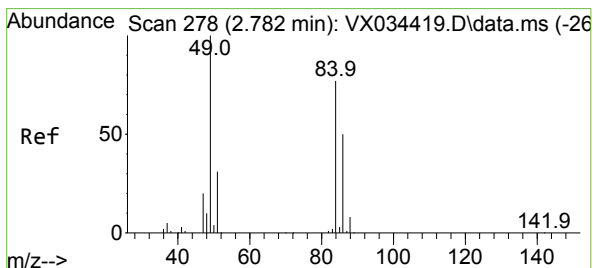
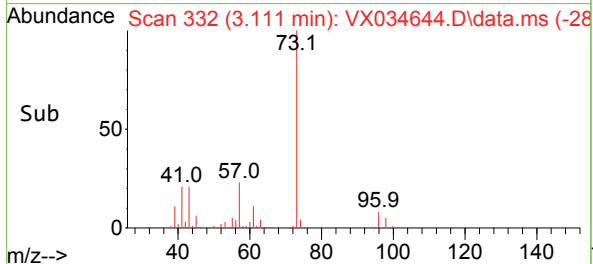
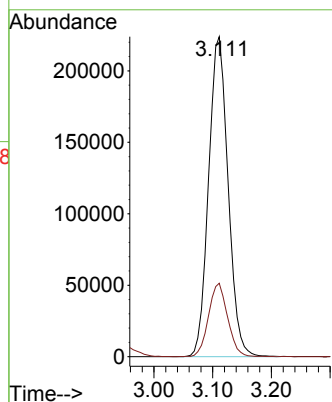
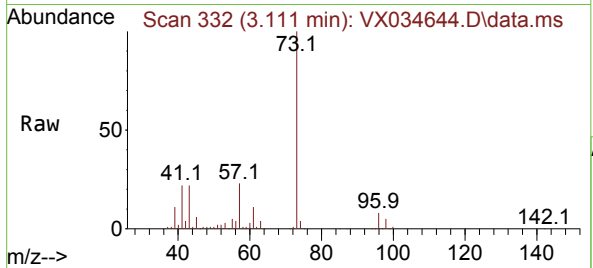




#19
Methyl tert-butyl Ether
Concen: 44.454 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

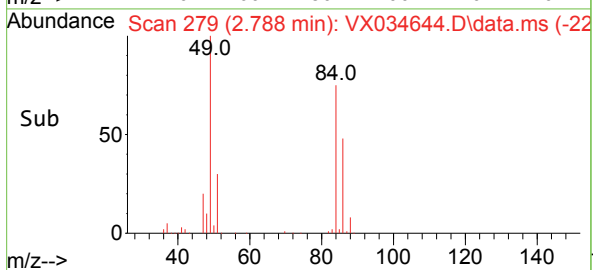
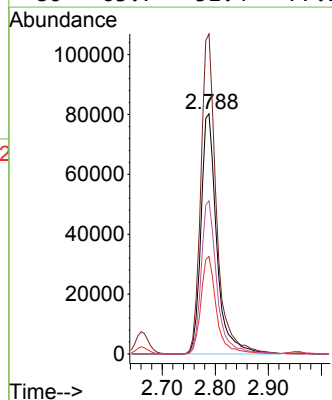
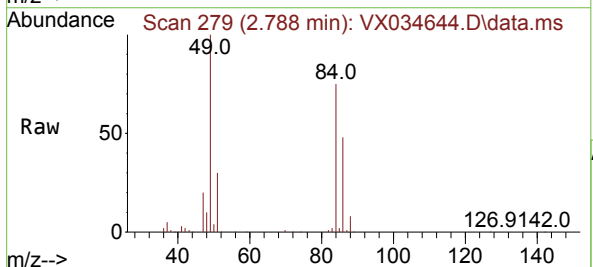
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

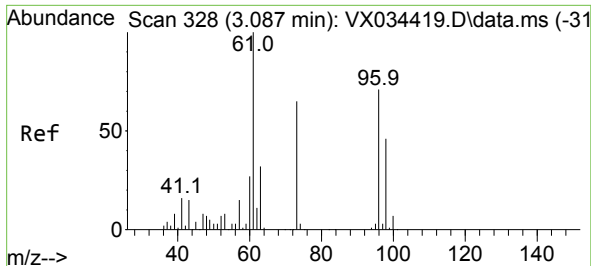
Tgt Ion: 73 Resp: 515887
Ion Ratio Lower Upper
73 100
57 22.9 18.5 27.7



#20
Methylene Chloride
Concen: 42.098 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 84 Resp: 165768
Ion Ratio Lower Upper
84 100
49 133.3 103.8 155.8
51 40.6 31.8 47.8
86 63.7 51.4 77.2

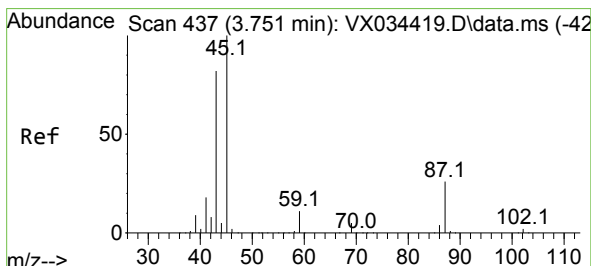
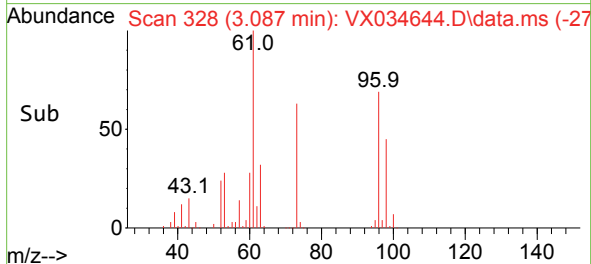
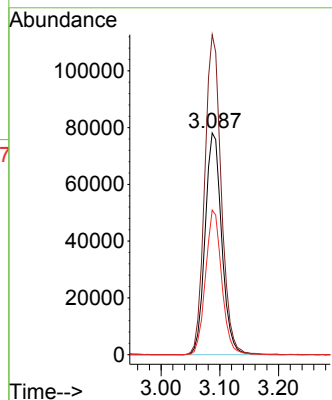
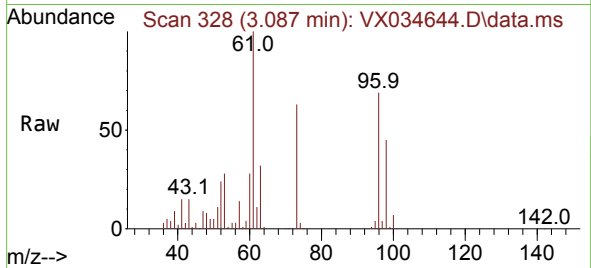




#21
trans-1,2-Dichloroethene
Concen: 44.509 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

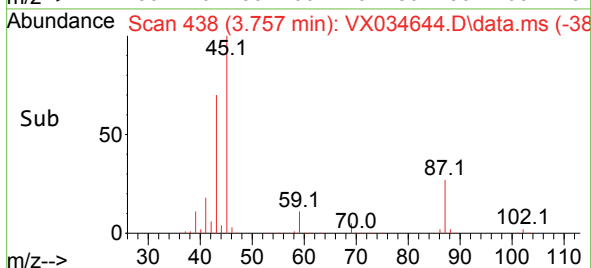
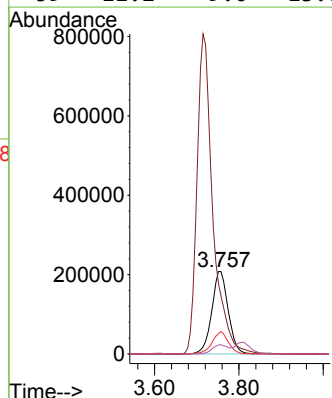
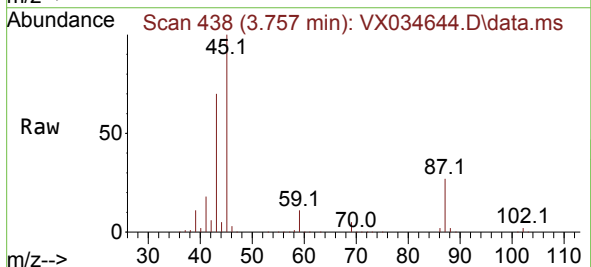
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

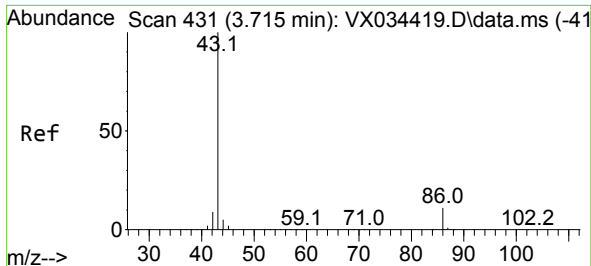
Tgt Ion: 96 Resp: 153204
Ion Ratio Lower Upper
96 100
61 144.3 113.0 169.6
98 65.3 52.1 78.1



#22
Diisopropyl ether
Concen: 44.836 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 45 Resp: 561715
Ion Ratio Lower Upper
45 100
43 70.1 65.4 98.2
87 27.3 20.6 31.0
59 11.2 9.0 13.6

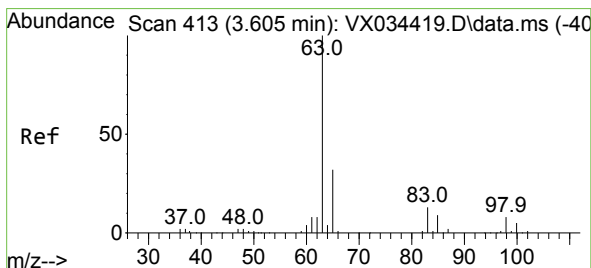
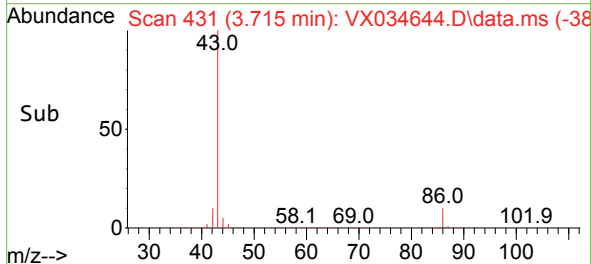
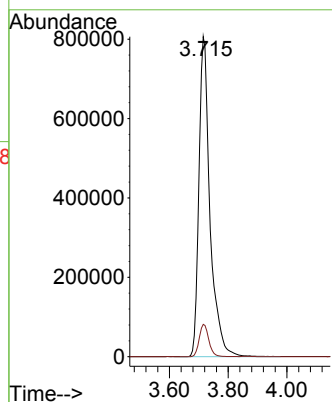
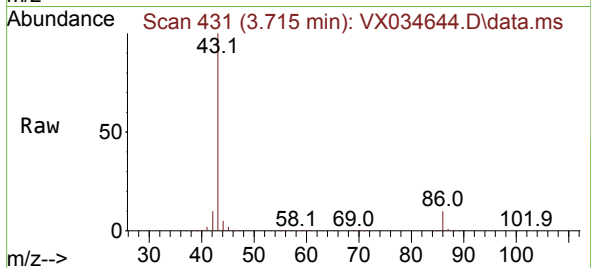




#23
 Vinyl Acetate
 Concen: 221.655 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034644.D
 Acq: 21 Mar 2023 09:15

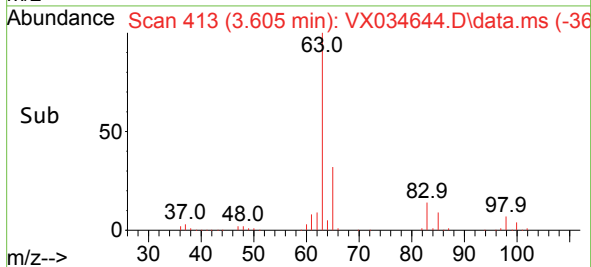
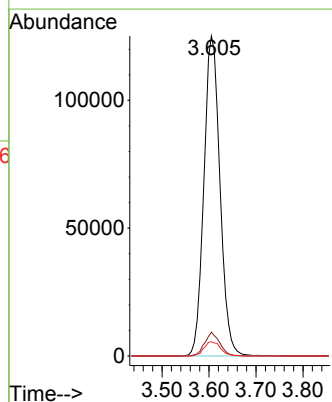
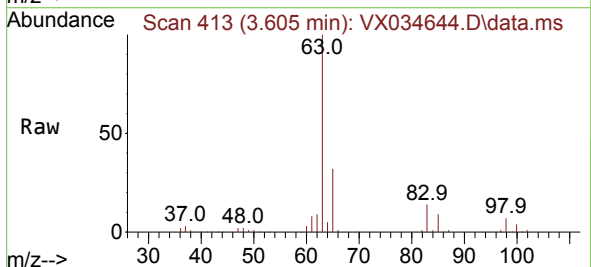
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

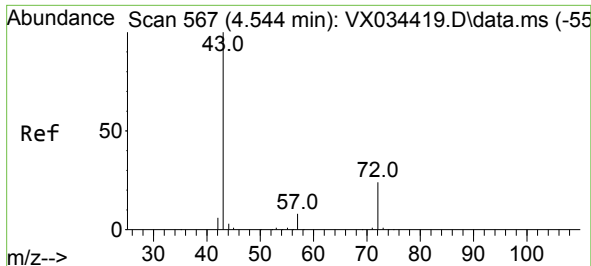
Tgt Ion: 43 Resp: 2113446
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 44.089 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034644.D
 Acq: 21 Mar 2023 09:15

Tgt Ion: 63 Resp: 296922
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.4 2.4 7.1

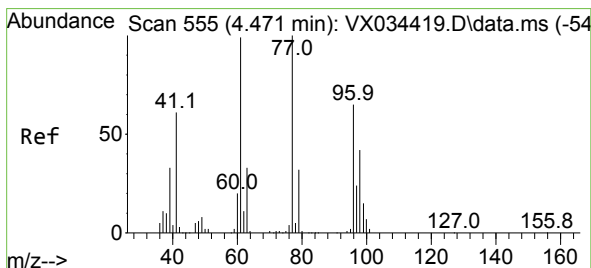
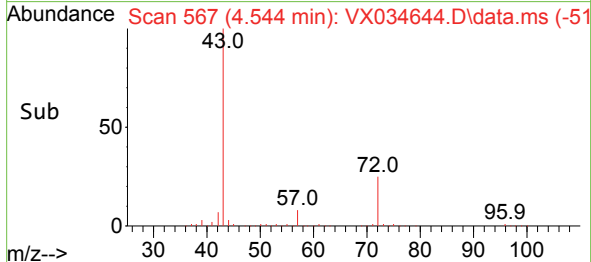
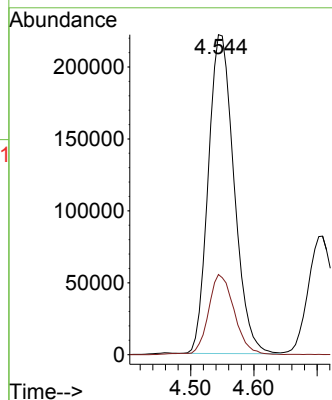
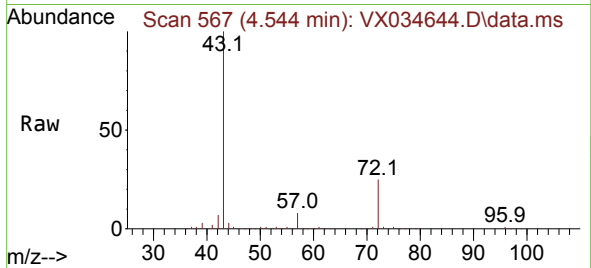




#25
2-Butanone
Concen: 215.763 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

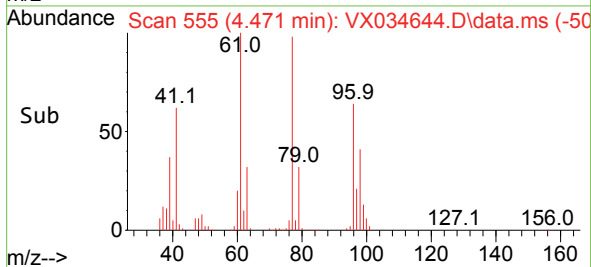
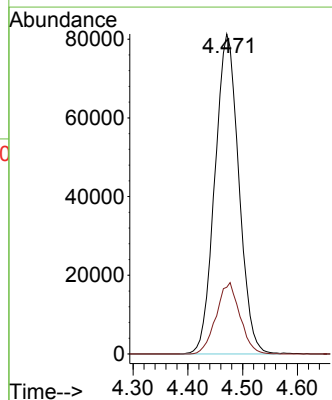
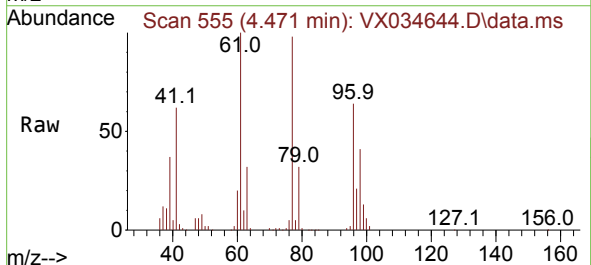
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

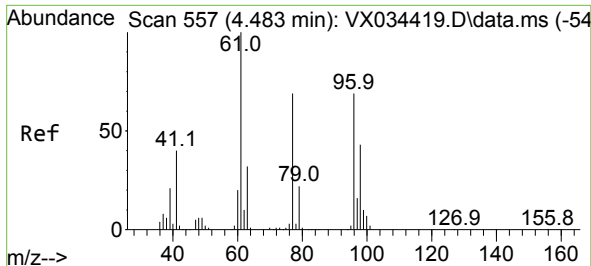
Tgt Ion: 43 Resp: 626376
Ion Ratio Lower Upper
43 100
72 25.0 19.3 28.9



#26
2,2-Dichloropropane
Concen: 42.137 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 77 Resp: 246670
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 43.978 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

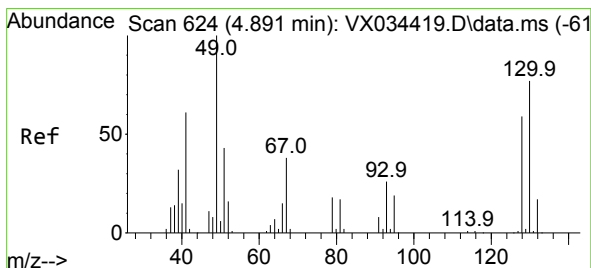
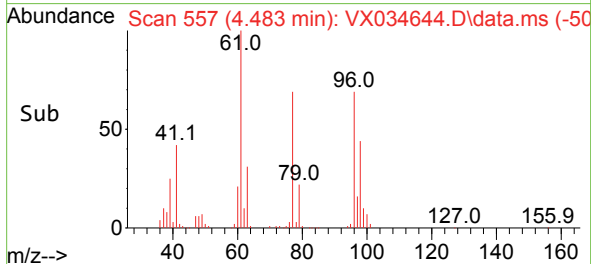
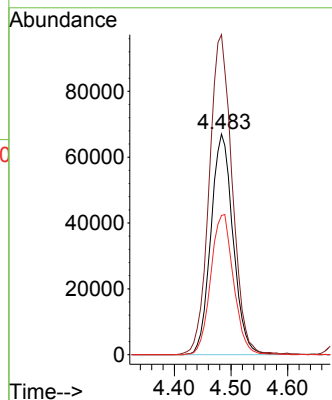
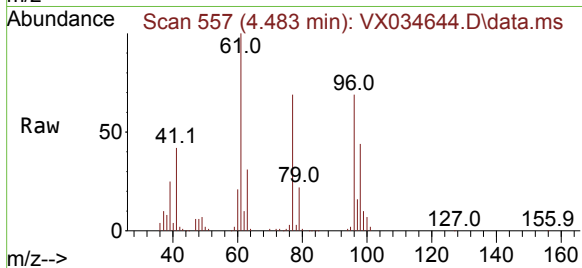
Tgt Ion: 96 Resp: 182230

Ion Ratio Lower Upper

96 100

61 150.0 0.0 300.4

98 65.3 0.0 129.0



#28

Bromochloromethane

Concen: 45.988 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

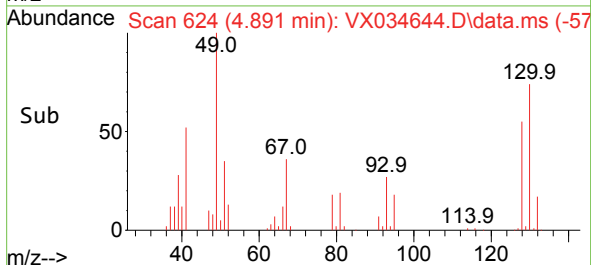
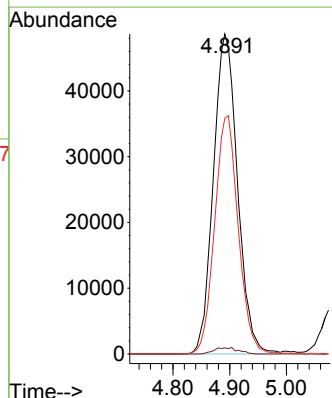
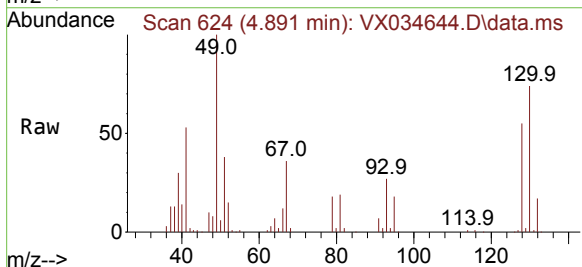
Tgt Ion: 49 Resp: 144005

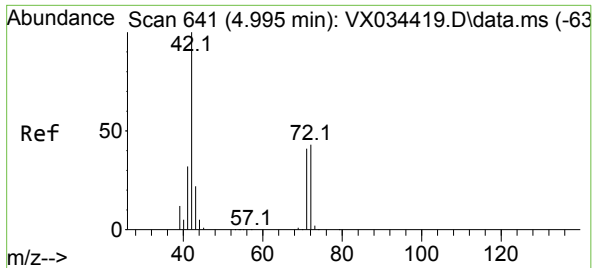
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 72.8 58.2 87.2

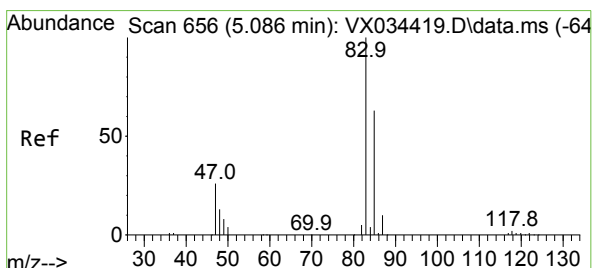
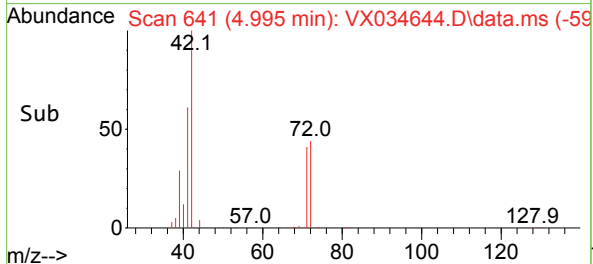
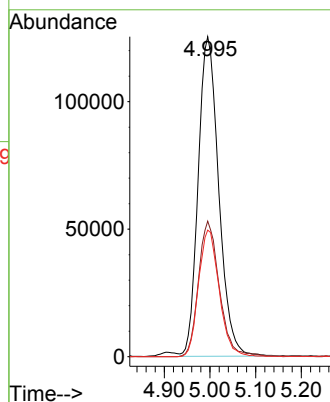
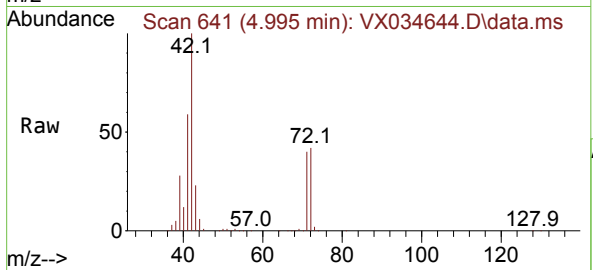




#29
Tetrahydrofuran
Concen: 218.659 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

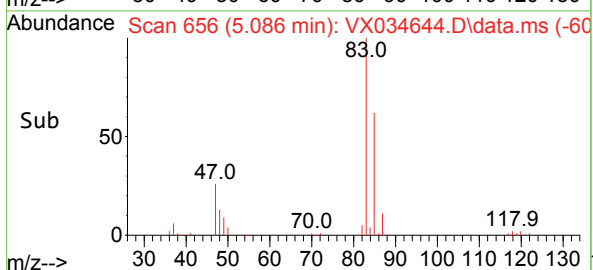
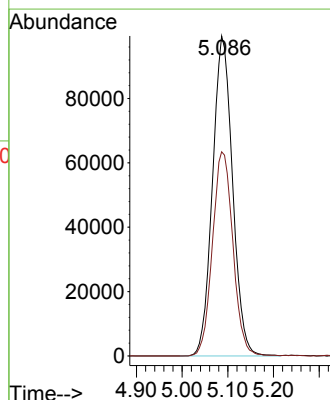
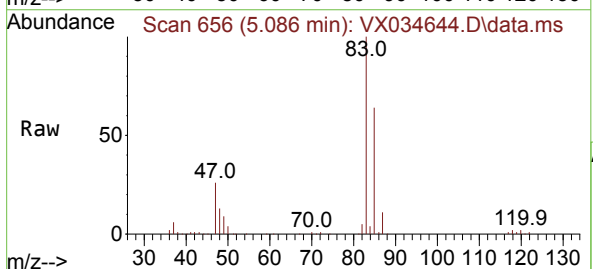
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

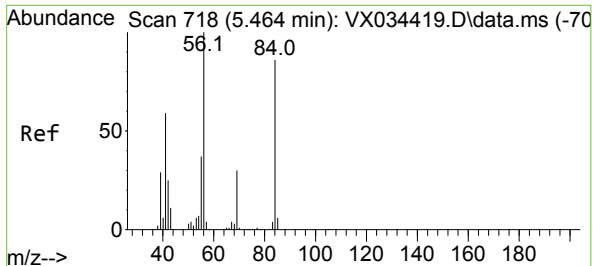
Tgt Ion: 42 Resp: 391699
Ion Ratio Lower Upper
42 100
72 43.1 34.5 51.7
71 39.8 32.1 48.1



#30
Chloroform
Concen: 45.862 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 83 Resp: 302758
Ion Ratio Lower Upper
83 100
85 63.8 50.6 76.0

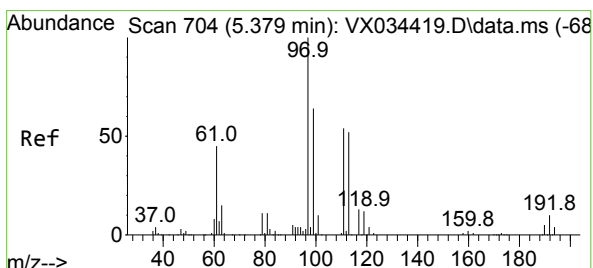
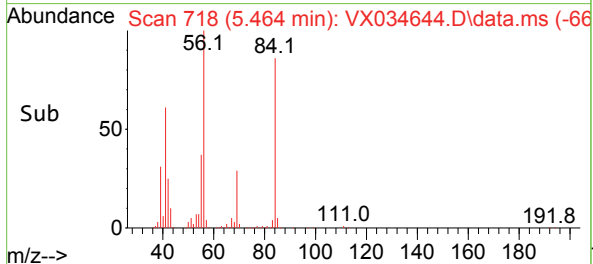
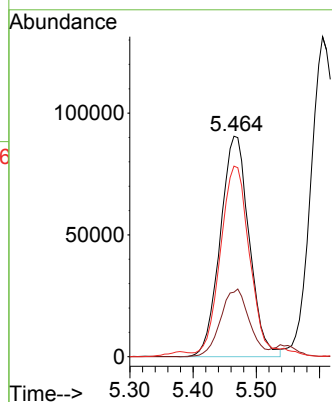
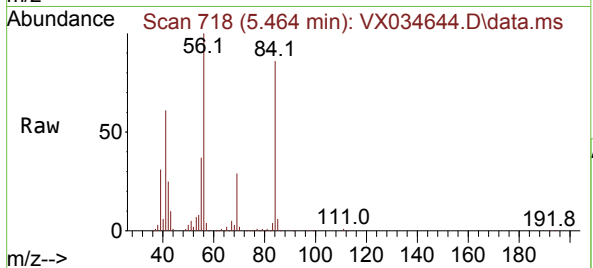




#31
Cyclohexane
Concen: 47.639 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

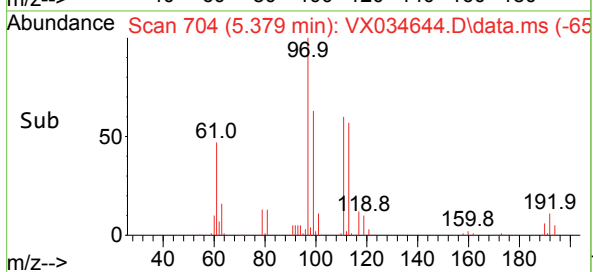
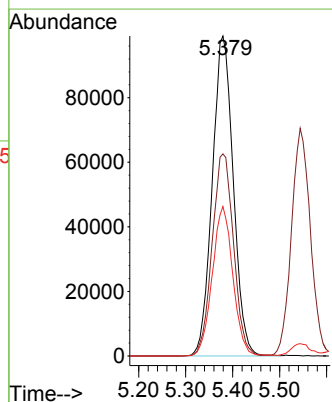
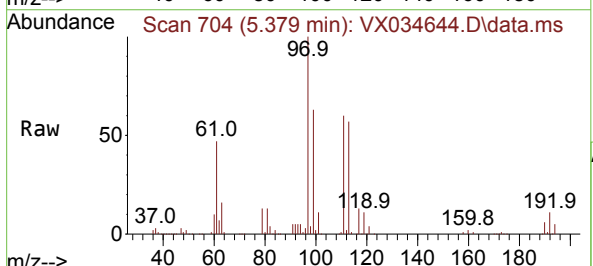
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

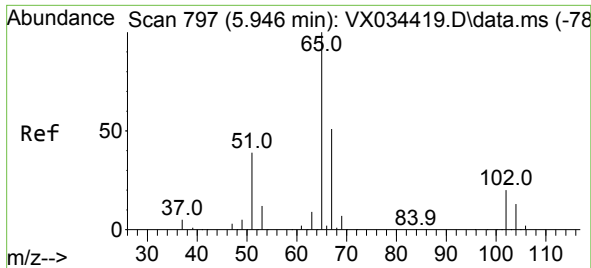
Tgt Ion: 56 Resp: 287770
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 84.1 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 52.604 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 97 Resp: 307425
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 45.8 36.5 54.7

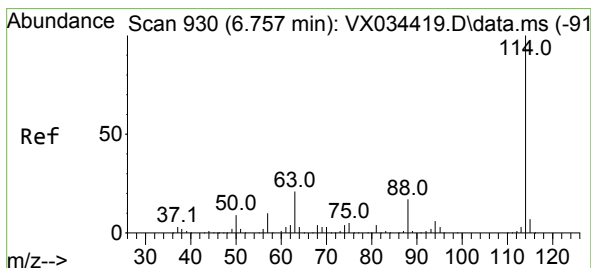
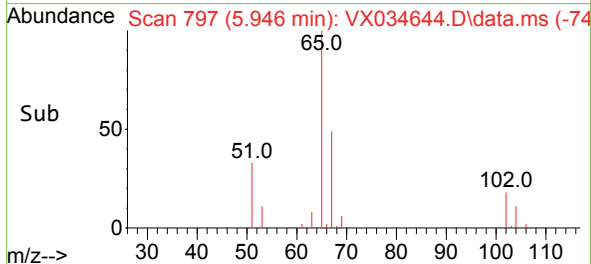
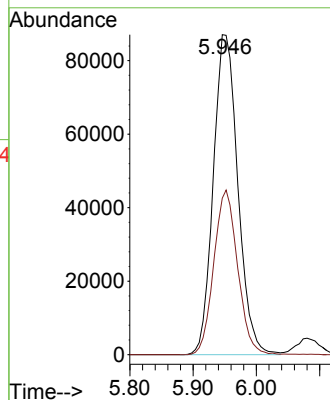
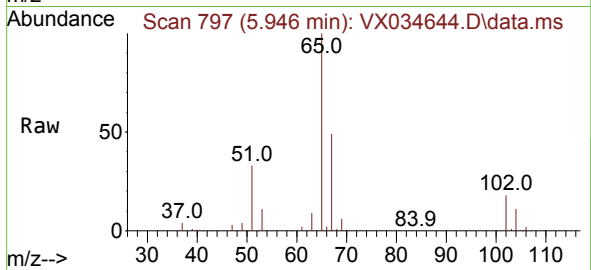




#33
 1,2-Dichloroethane-d4
 Concen: 54.556 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX034644.D
 Acq: 21 Mar 2023 09:15

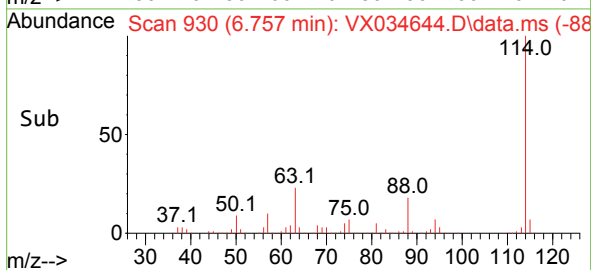
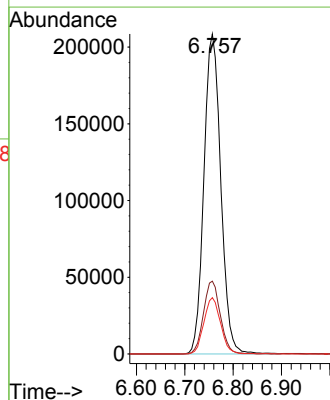
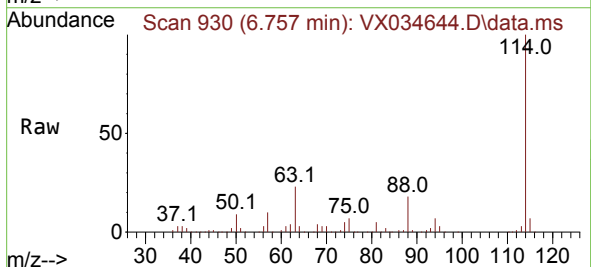
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

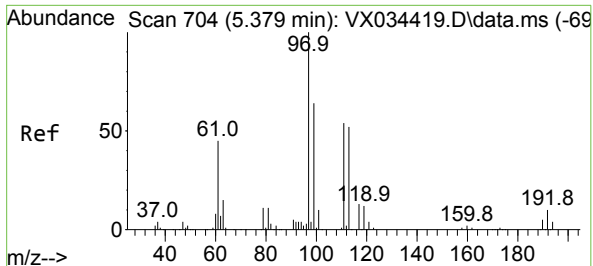
Tgt Ion: 65 Resp: 234981
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034644.D
 Acq: 21 Mar 2023 09:15

Tgt Ion: 114 Resp: 506070
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 42.2
 88 17.6 0.0 33.2

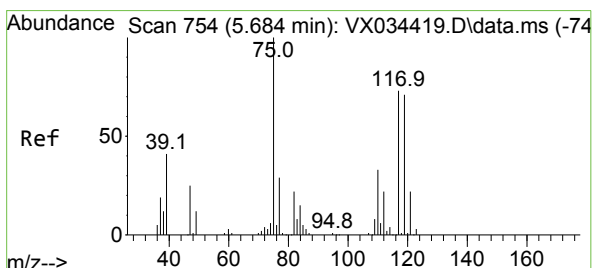
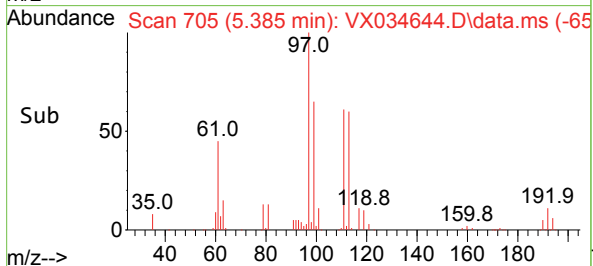
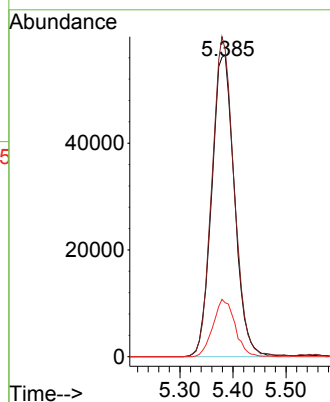
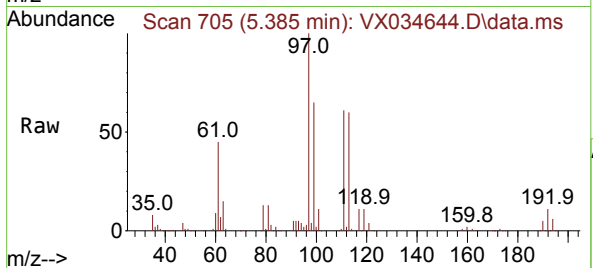




#35
Dibromofluoromethane
Concen: 50.348 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

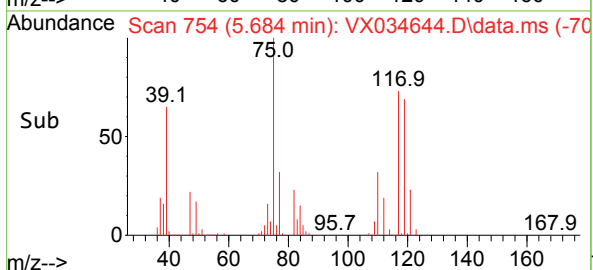
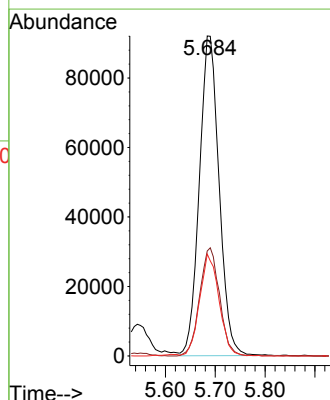
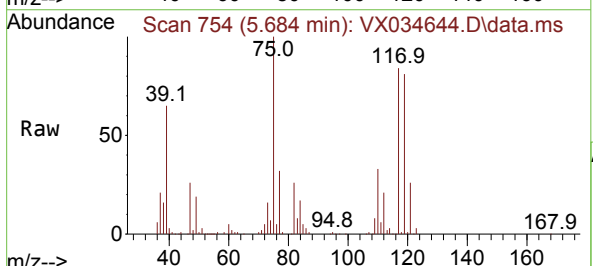
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

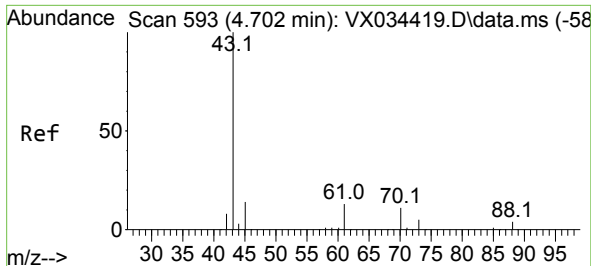
Tgt Ion:113 Resp: 168228
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 18.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 49.327 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 75 Resp: 253150
Ion Ratio Lower Upper
75 100
110 34.1 17.5 52.5
77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 42.352 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

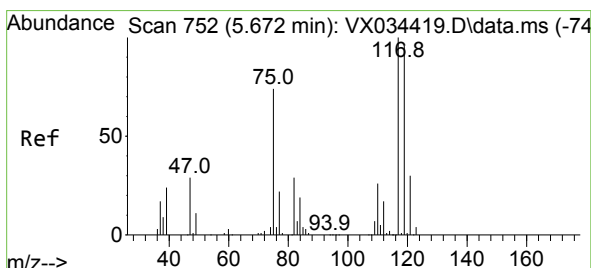
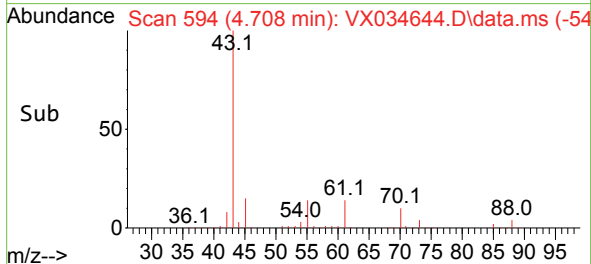
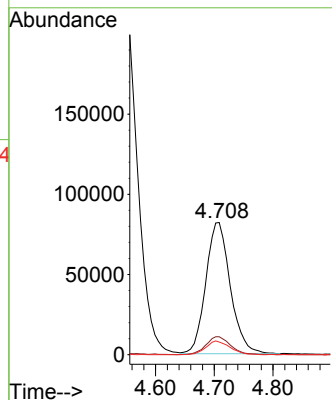
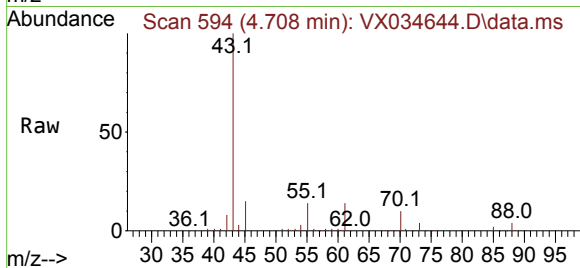
Tgt Ion: 43 Resp: 237452

Ion Ratio Lower Upper

43 100

61 13.8 10.2 15.4

70 10.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 52.004 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

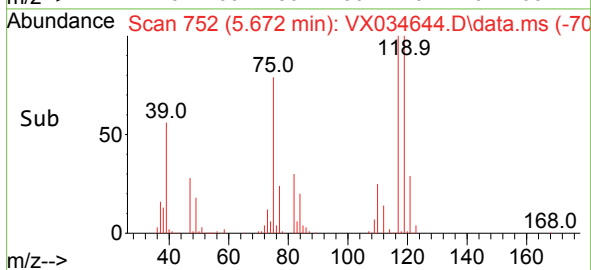
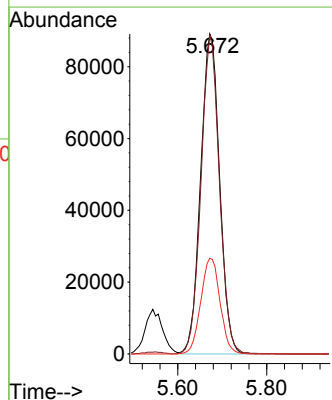
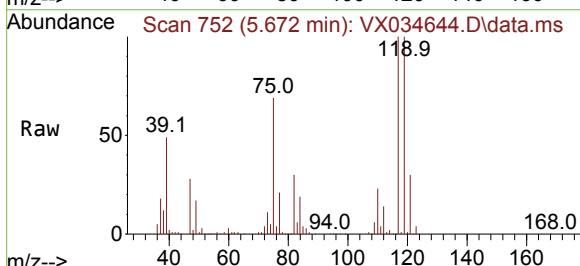
Tgt Ion: 117 Resp: 265502

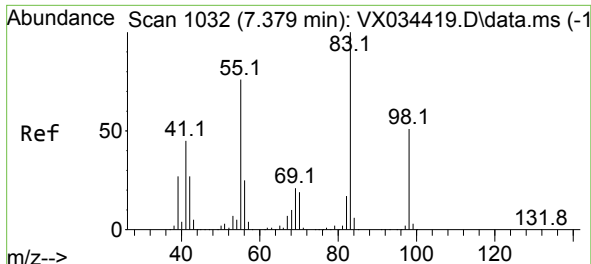
Ion Ratio Lower Upper

117 100

119 99.6 76.6 114.8

121 29.9 23.8 35.6





#39

Methylcyclohexane

Concen: 45.457 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

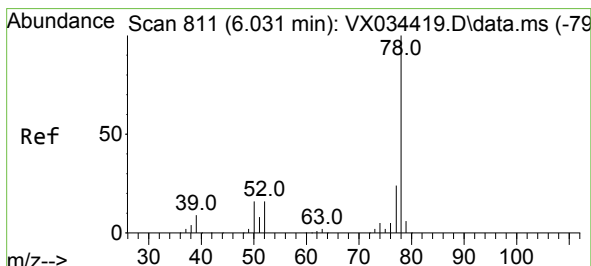
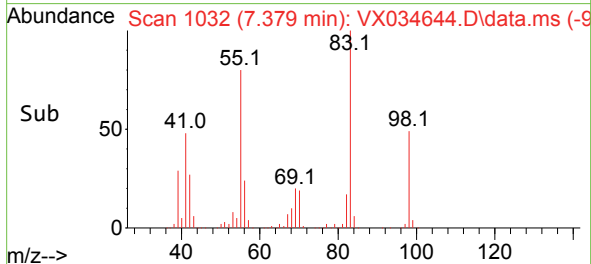
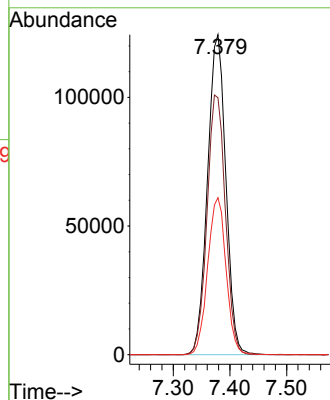
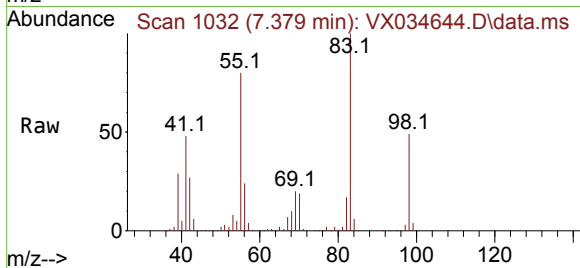
Tgt Ion: 83 Resp: 279178

Ion Ratio Lower Upper

83 100

55 80.3 60.5 90.7

98 49.1 40.4 60.6



#40

Benzene

Concen: 48.170 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX034644.D

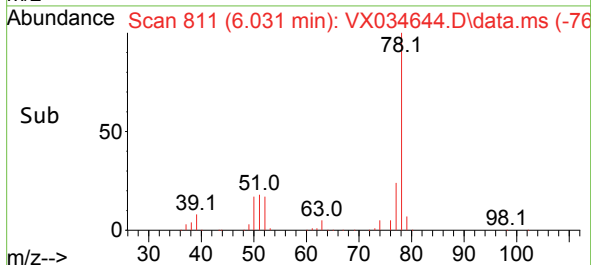
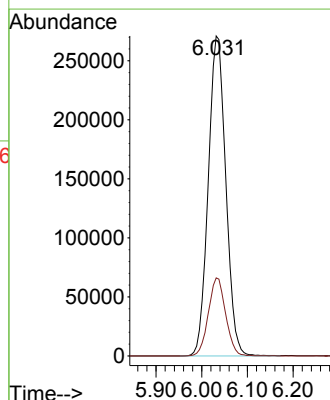
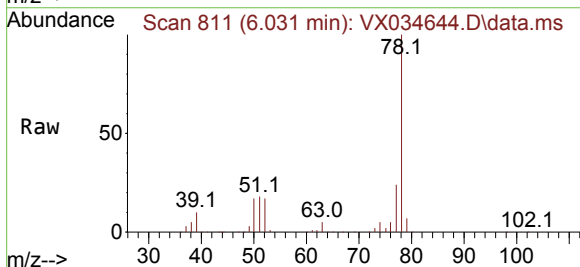
Acq: 21 Mar 2023 09:15

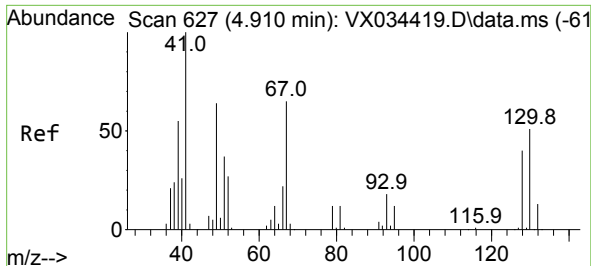
Tgt Ion: 78 Resp: 723179

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4

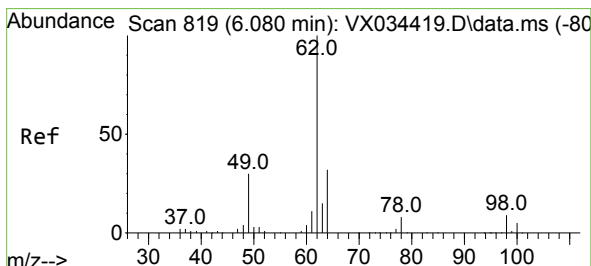
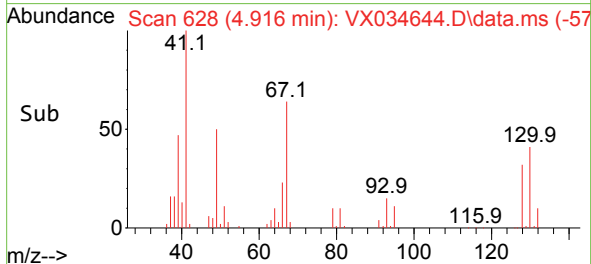
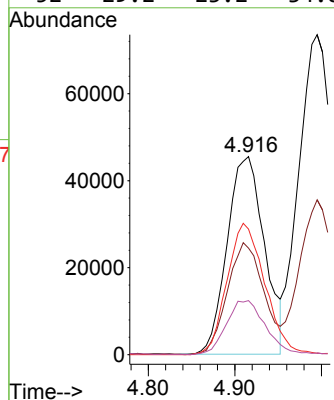
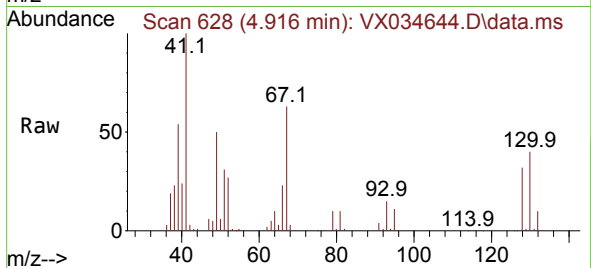




#41
Methacrylonitrile
Concen: 44.318 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

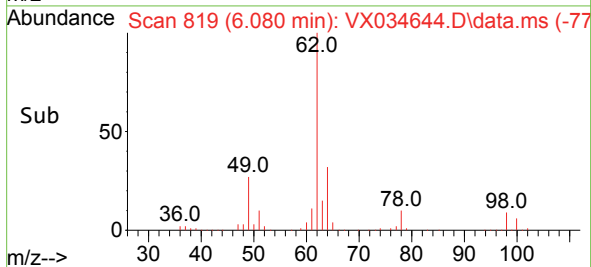
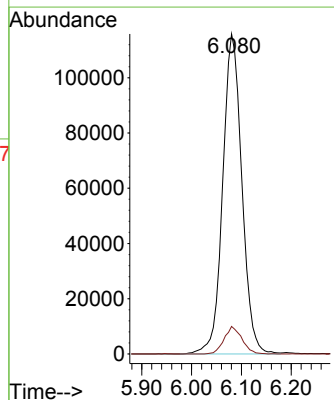
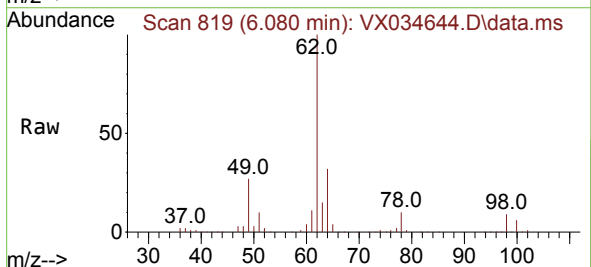
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

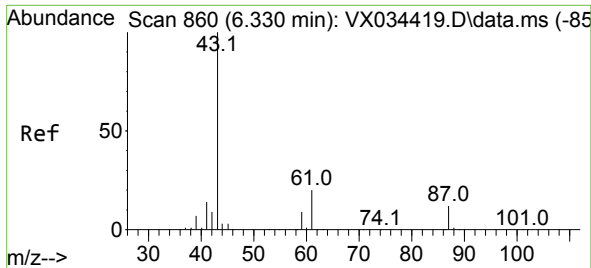
Tgt Ion:	41	Resp:	136172
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.0	67.6
67	67.4	55.6	83.4
52	29.2	23.2	34.8



#42
1,2-Dichloroethane
Concen: 56.033 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion:	62	Resp:	309170
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.0

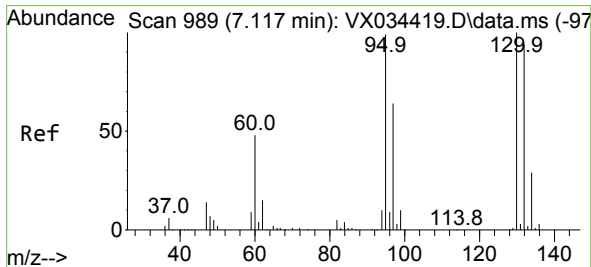
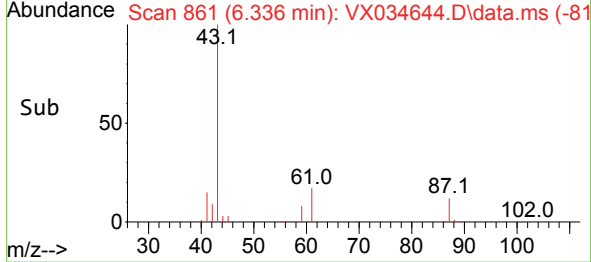
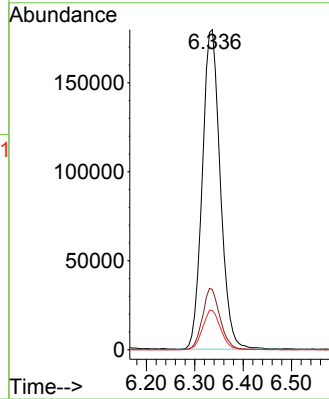
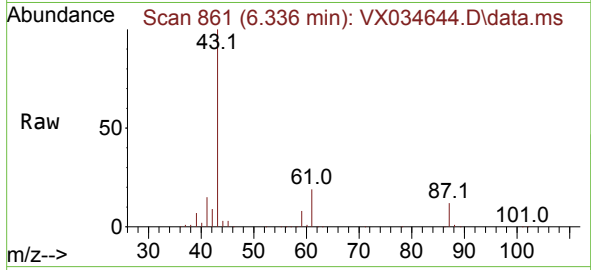




#43
Isopropyl Acetate
Concen: 48.798 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

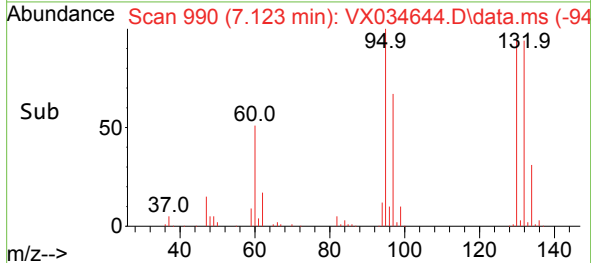
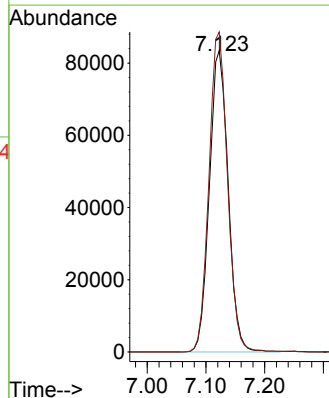
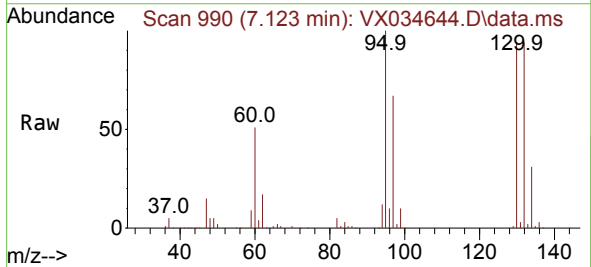
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

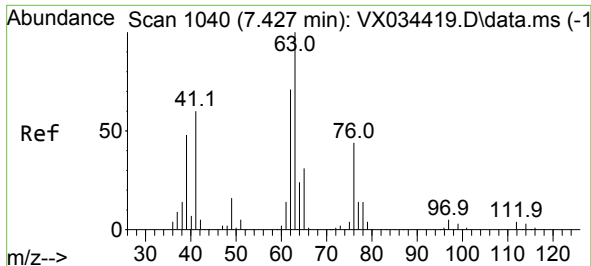
Tgt Ion: 43 Resp: 463480
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.4 9.8 14.8



#44
Trichloroethene
Concen: 47.458 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion:130 Resp: 185123
Ion Ratio Lower Upper
130 100
95 106.2 0.0 198.4

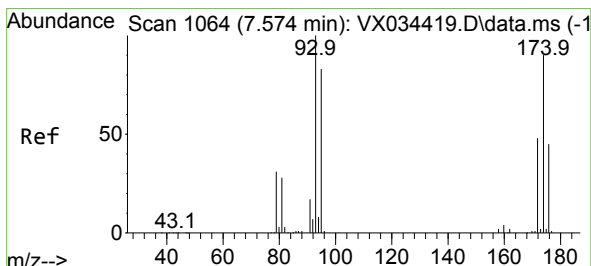
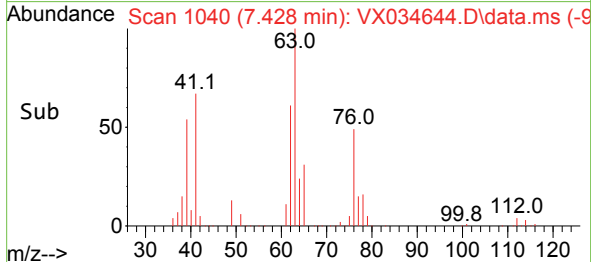
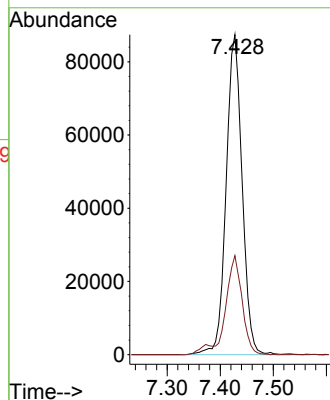
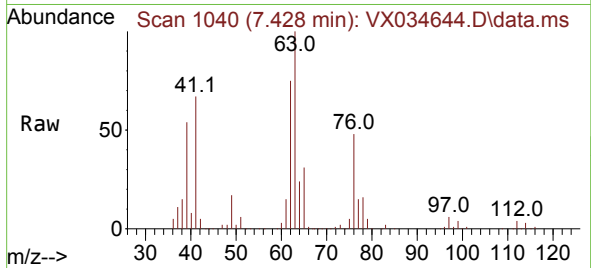




#45
1,2-Dichloropropane
Concen: 46.634 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

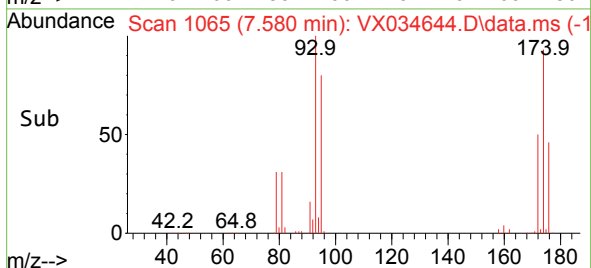
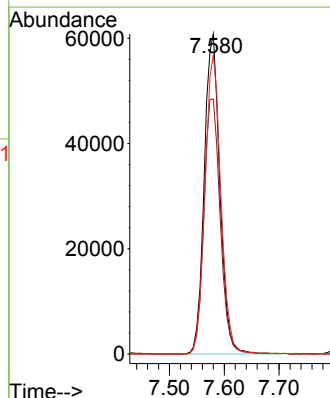
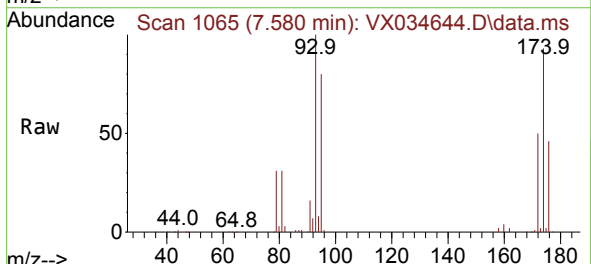
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

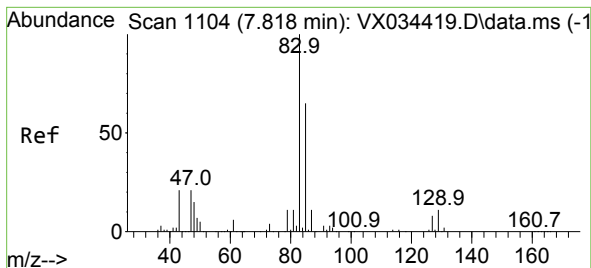
Tgt Ion: 63 Resp: 182808
Ion Ratio Lower Upper
63 100
65 30.9 24.6 37.0



#46
Dibromomethane
Concen: 45.144 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 93 Resp: 120311
Ion Ratio Lower Upper
93 100
95 83.2 66.9 100.3
174 94.5 75.4 113.0





#47

Bromodichloromethane

Concen: 44.888 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

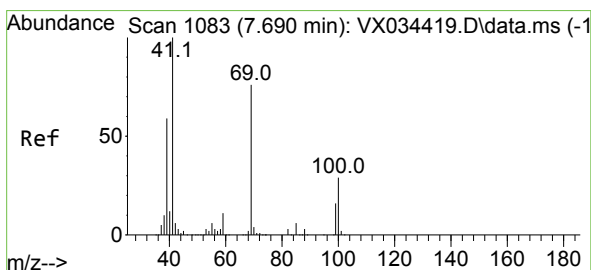
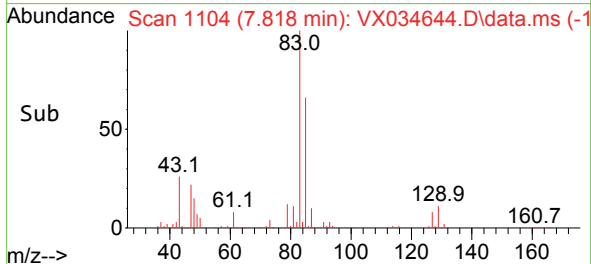
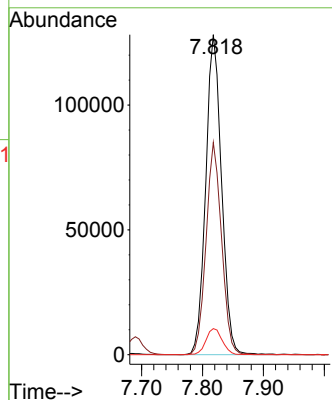
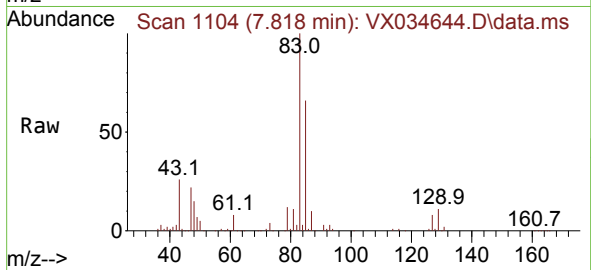
Tgt Ion: 83 Resp: 231527

Ion Ratio Lower Upper

83 100

85 66.3 52.2 78.4

127 8.1 6.6 9.8



#48

Methyl methacrylate

Concen: 44.934 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

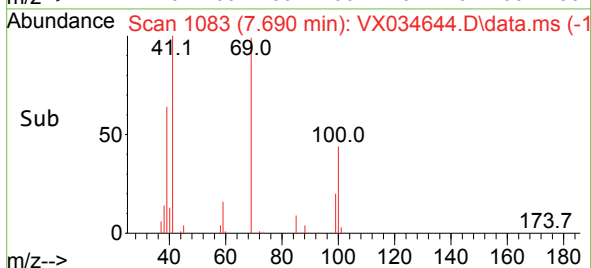
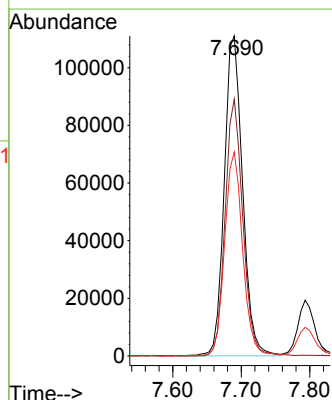
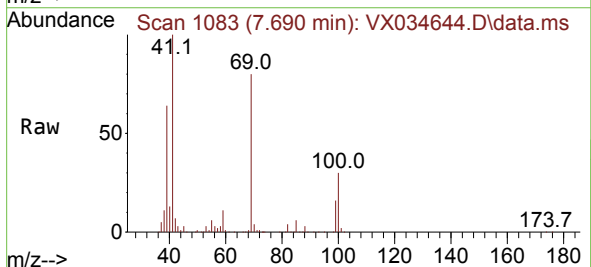
Tgt Ion: 41 Resp: 205261

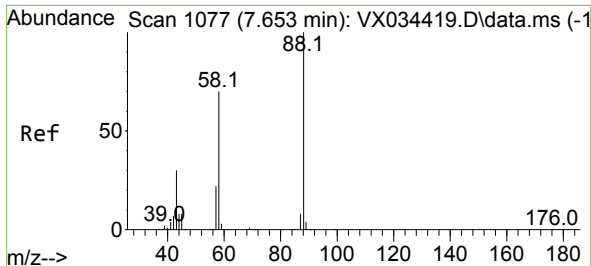
Ion Ratio Lower Upper

41 100

69 77.8 62.2 93.4

39 62.7 47.7 71.5

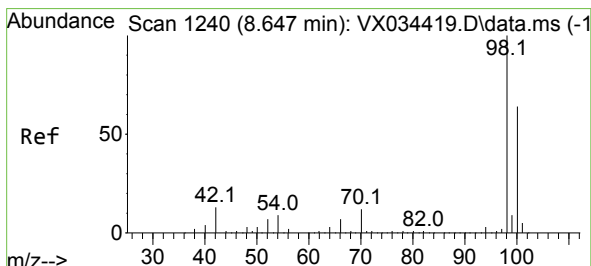
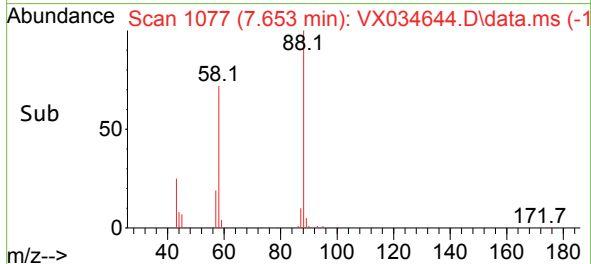
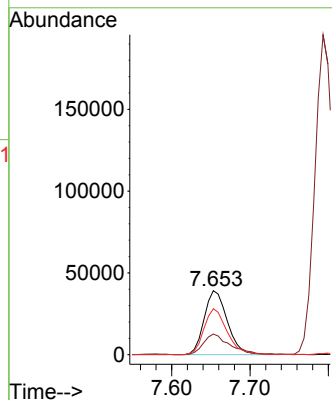
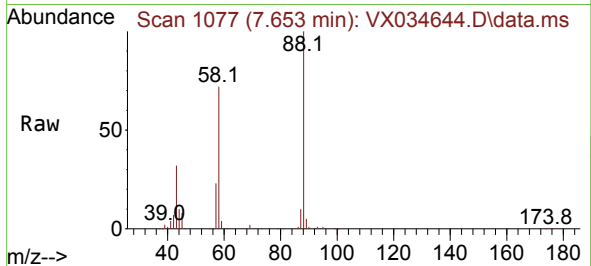




#49
1,4-Dioxane
Concen: 834.356 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

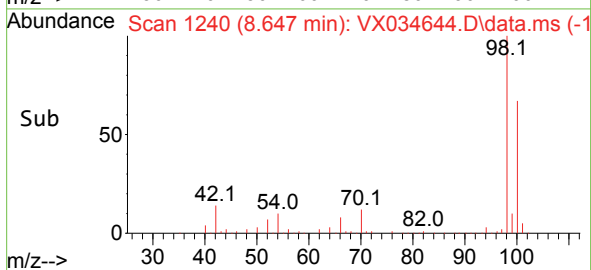
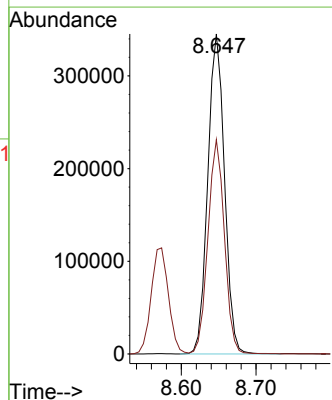
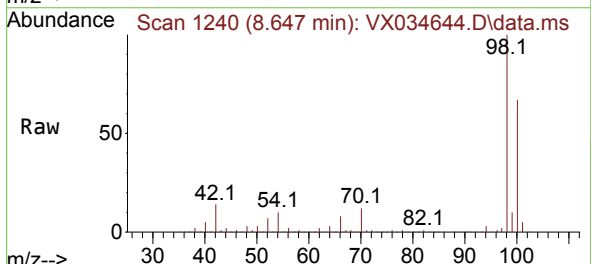
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

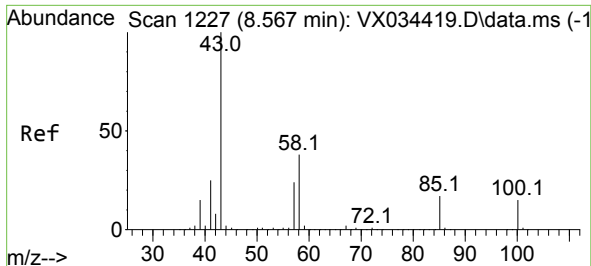
Tgt Ion: 88 Resp: 80053
Ion Ratio Lower Upper
88 100
43 36.6 27.7 41.5
58 72.0 56.8 85.2



#50
Toluene-d8
Concen: 43.066 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 98 Resp: 537171
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

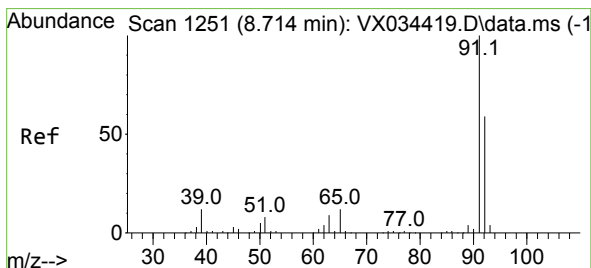
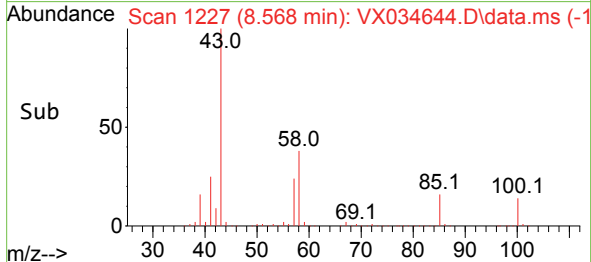
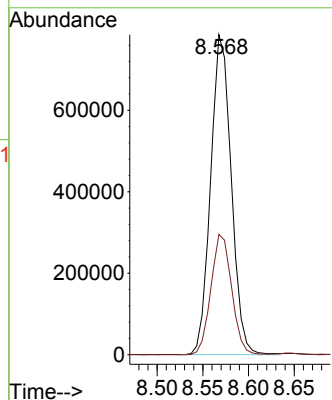
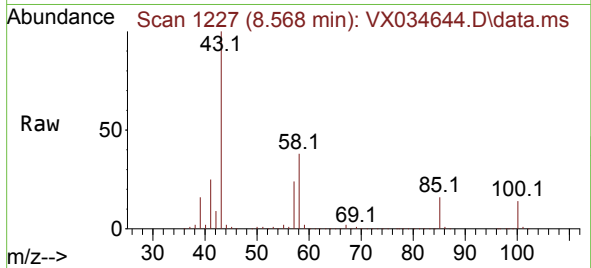




#51
4-Methyl-2-Pentanone
Concen: 223.189 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

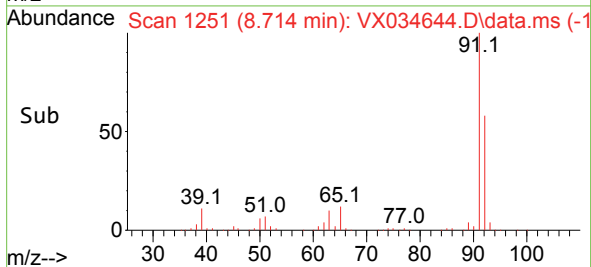
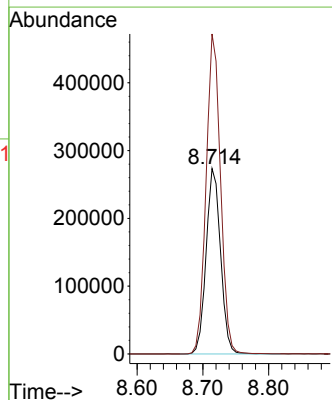
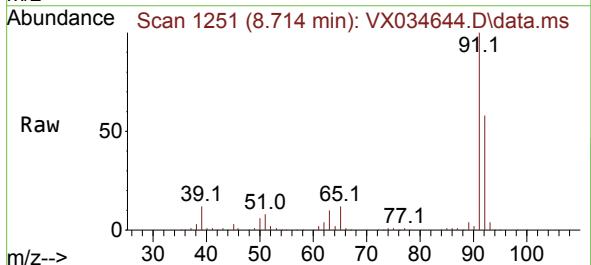
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

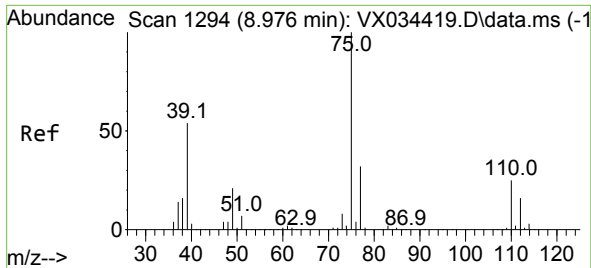
Tgt Ion: 43 Resp: 1229741
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0



#52
Toluene
Concen: 44.921 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 92 Resp: 417526
Ion Ratio Lower Upper
92 100
91 172.2 136.8 205.2

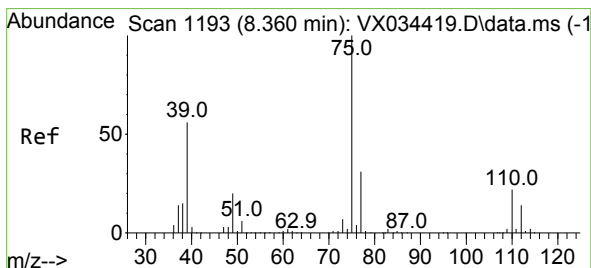
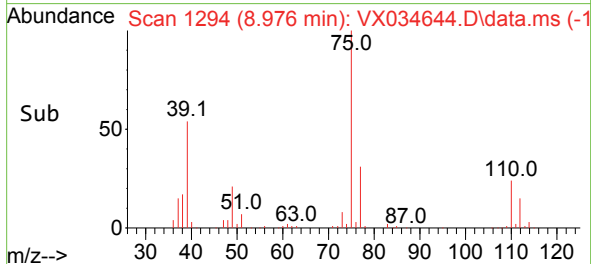
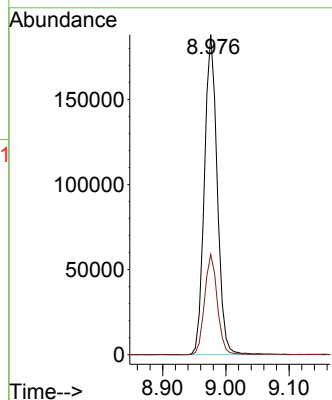
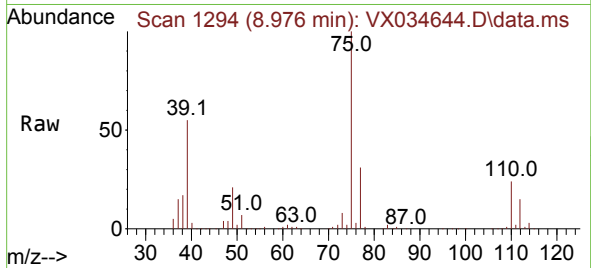




#53
 t-1,3-Dichloropropene
 Concen: 45.758 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX034644.D
 Acq: 21 Mar 2023 09:15

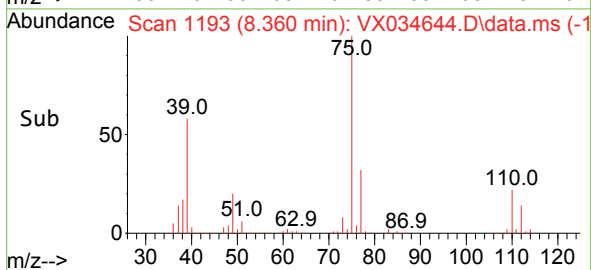
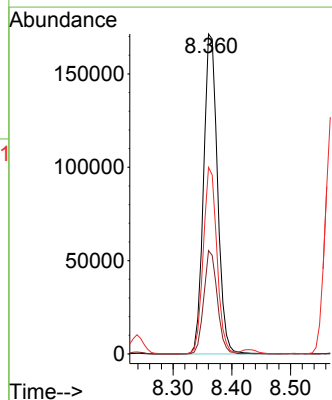
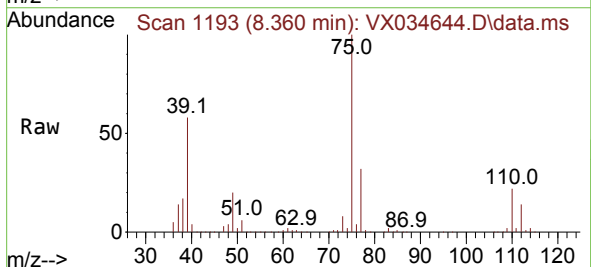
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

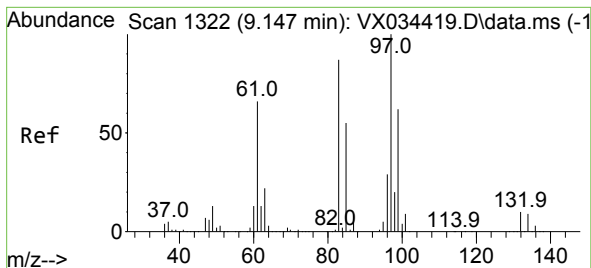
Tgt Ion: 75 Resp: 265891
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 44.984 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX034644.D
 Acq: 21 Mar 2023 09:15

Tgt Ion: 75 Resp: 282804
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4
 39 58.2 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 45.806 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 168969

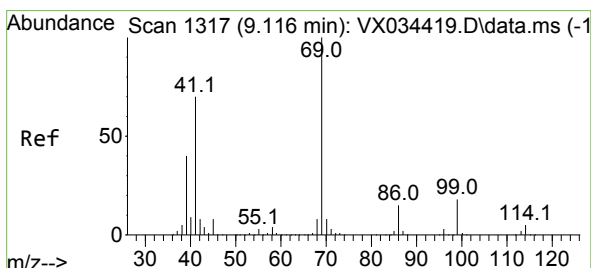
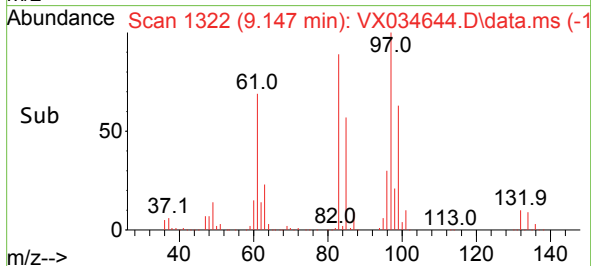
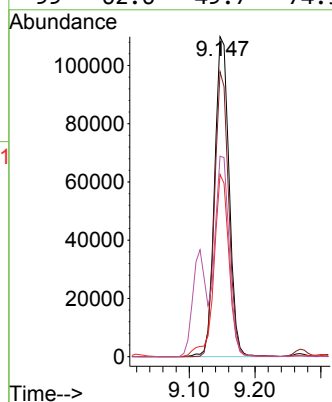
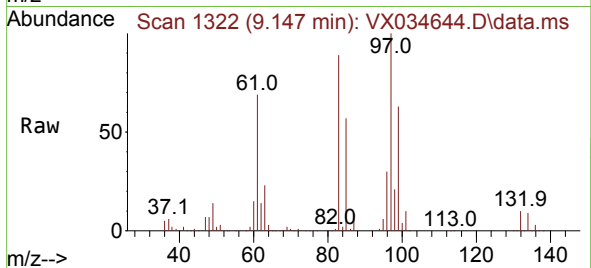
Ion Ratio Lower Upper

97 100

83 89.0 69.7 104.5

85 56.9 43.7 65.5

99 62.6 49.7 74.5



#56

Ethyl methacrylate

Concen: 45.617 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

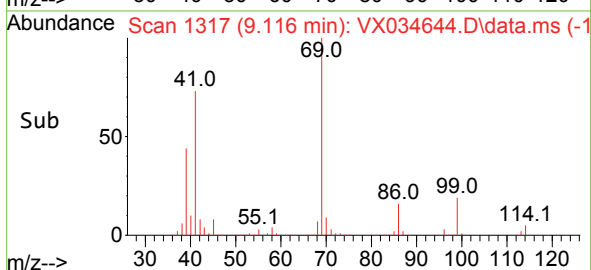
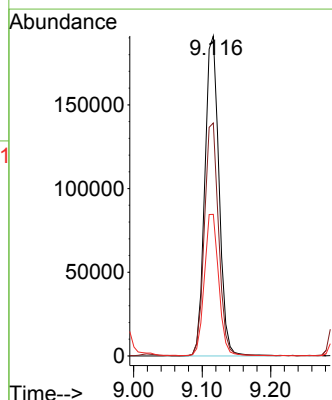
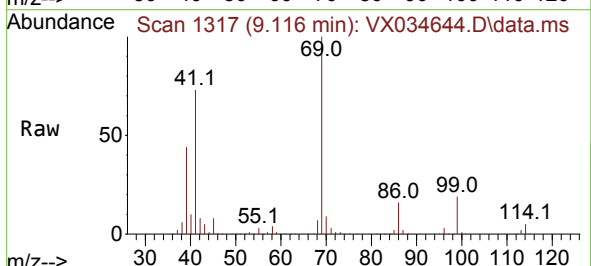
Tgt Ion: 69 Resp: 276281

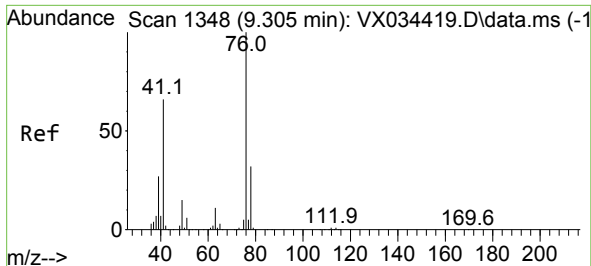
Ion Ratio Lower Upper

69 100

41 72.7 57.4 86.0

39 44.7 33.7 50.5





#57

1,3-Dichloropropane

Concen: 45.033 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

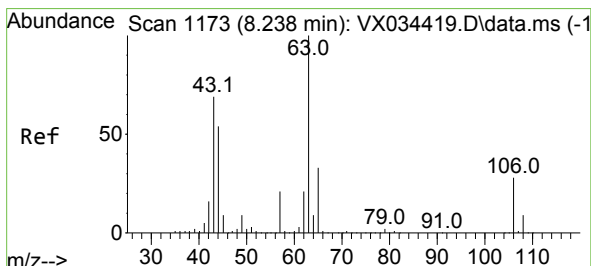
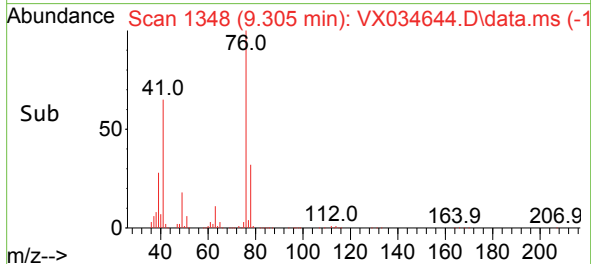
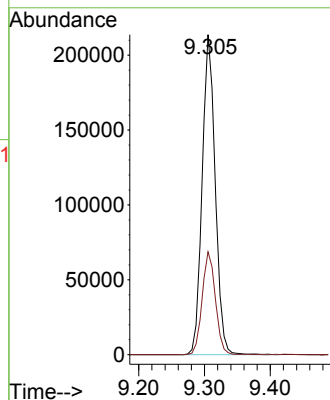
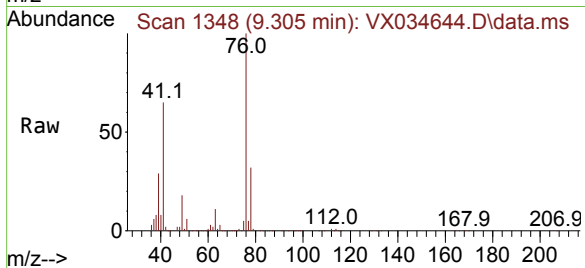
VSTDCCC050

Tgt Ion: 76 Resp: 295235

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 205.028 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034644.D

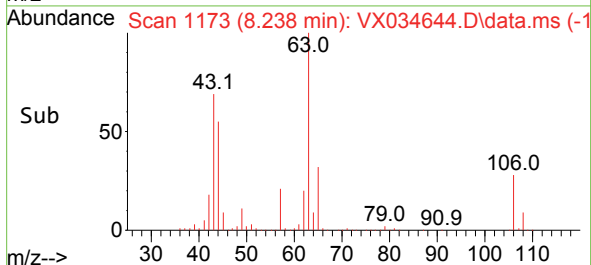
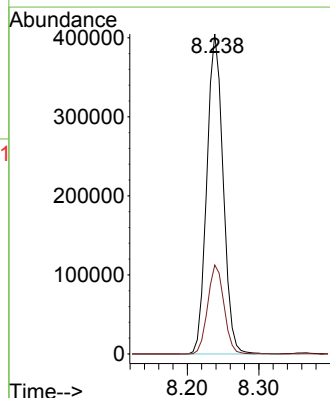
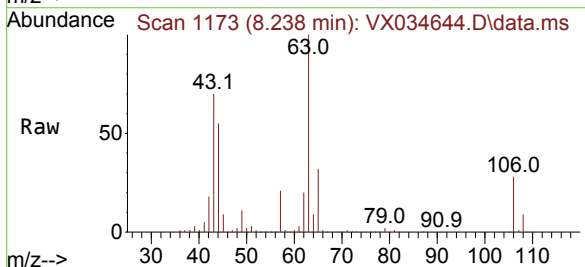
Acq: 21 Mar 2023 09:15

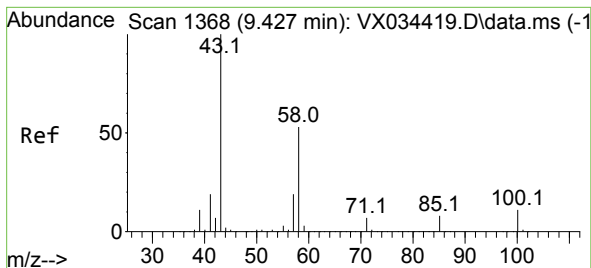
Tgt Ion: 63 Resp: 639950

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.2

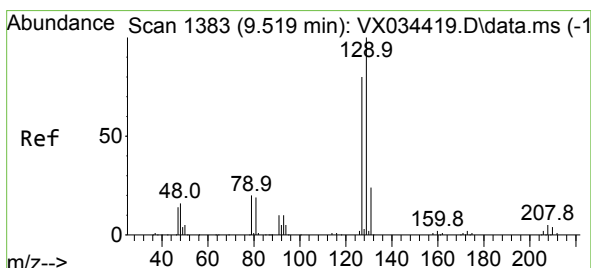
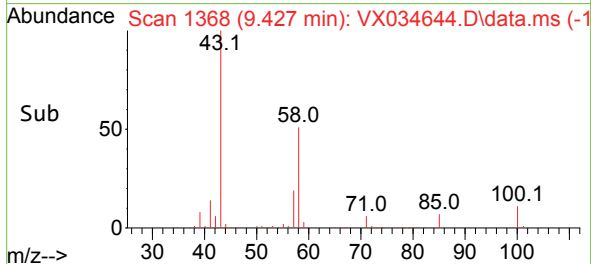
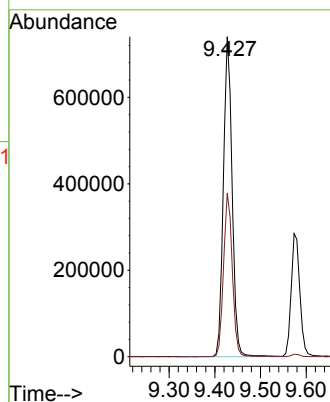
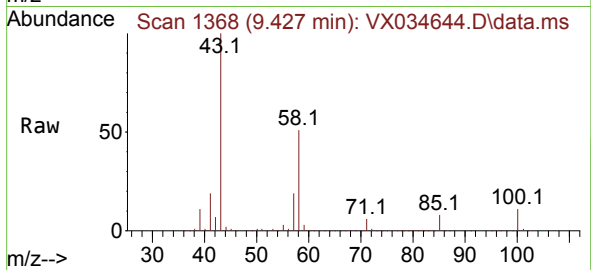




#59
2-Hexanone
Concen: 230.108 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

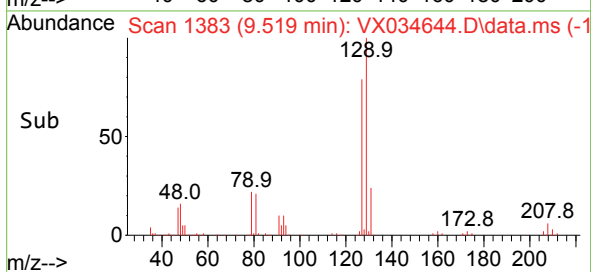
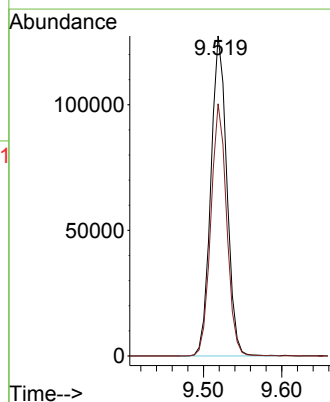
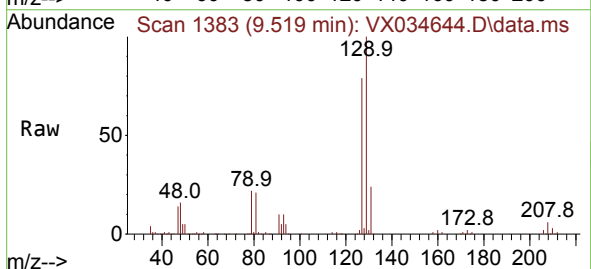
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

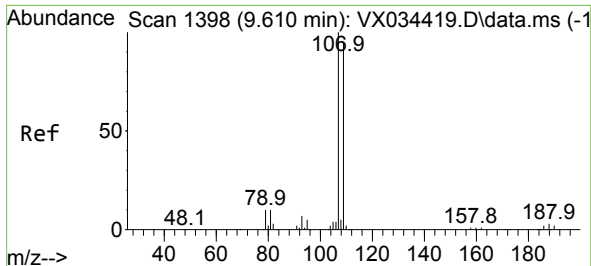
Tgt Ion: 43 Resp: 980077
Ion Ratio Lower Upper
43 100
58 51.3 26.3 78.9



#60
Dibromochloromethane
Concen: 46.561 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 129 Resp: 180133
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

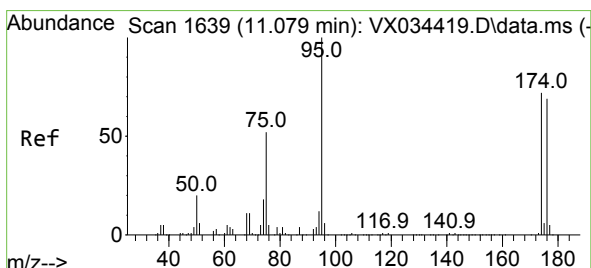
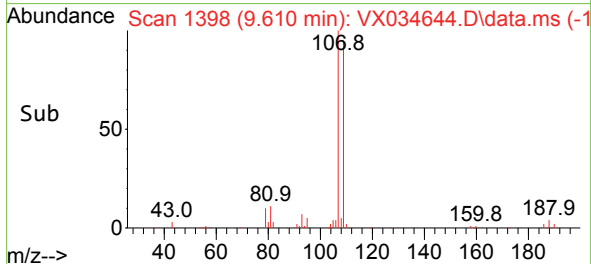
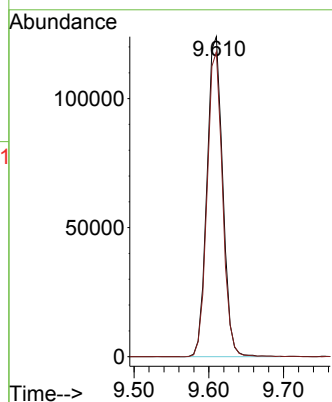
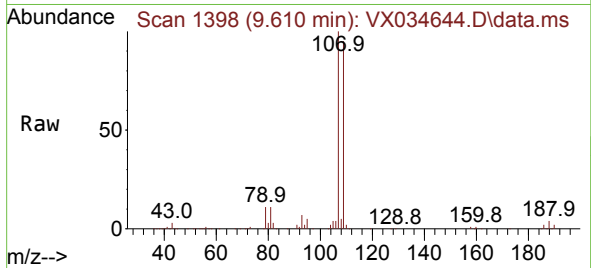




#61
1,2-Dibromoethane
Concen: 45.537 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

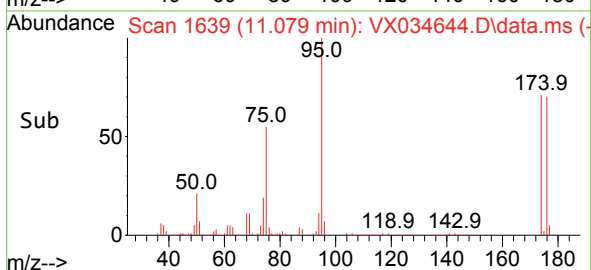
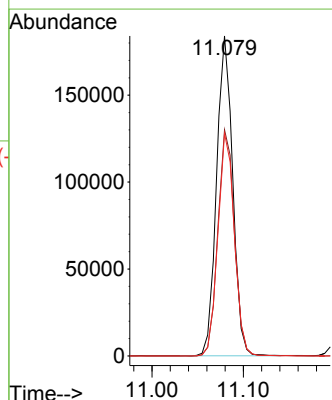
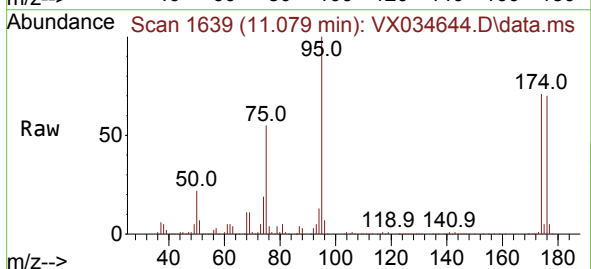
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

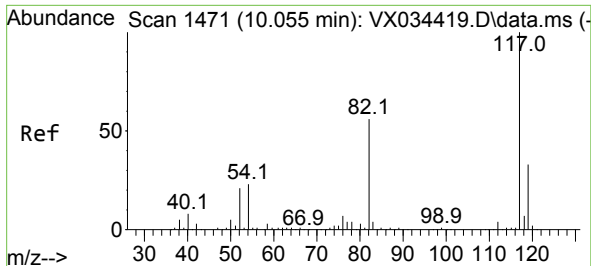
Tgt Ion:107 Resp: 181265
Ion Ratio Lower Upper
107 100
109 93.4 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 44.737 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 95 Resp: 225398
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 71.1 0.0 140.6

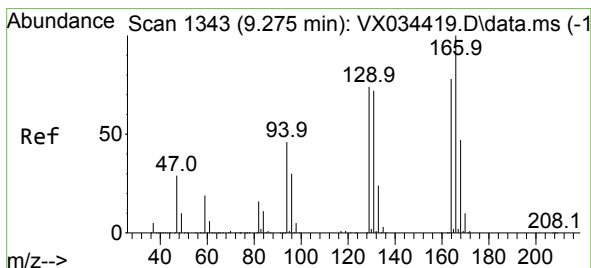
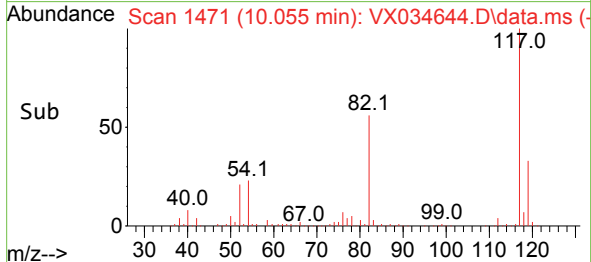
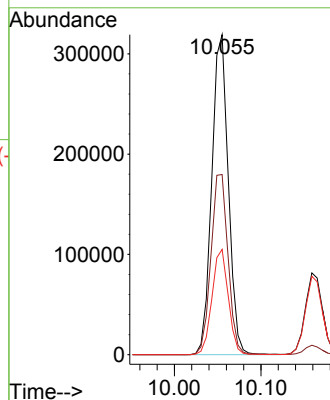
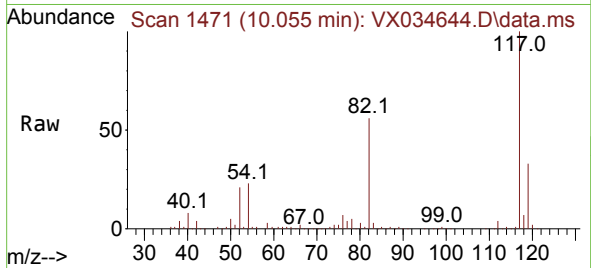




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

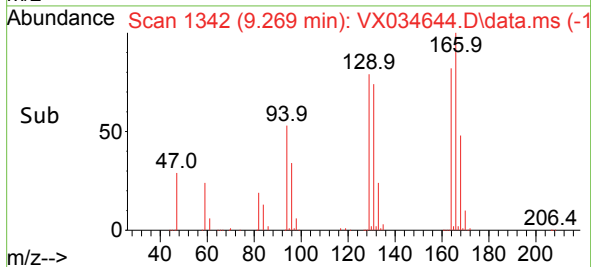
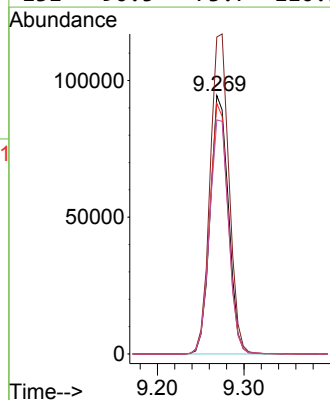
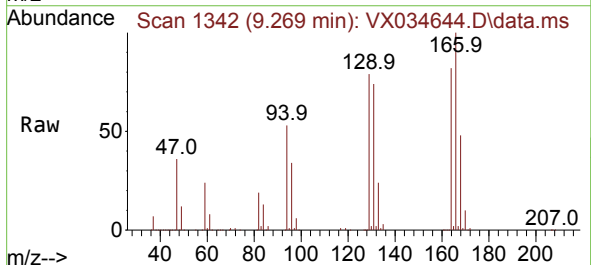
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

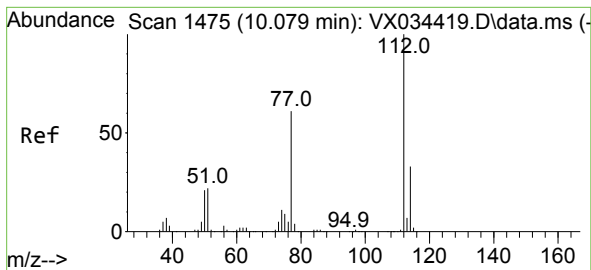
Tgt Ion:117 Resp: 423672
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 32.9 26.0 39.0



#64
Tetrachloroethene
Concen: 48.692 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion:164 Resp: 138576
Ion Ratio Lower Upper
164 100
166 122.7 102.7 154.1
129 96.9 75.6 113.4
131 90.5 73.7 110.5

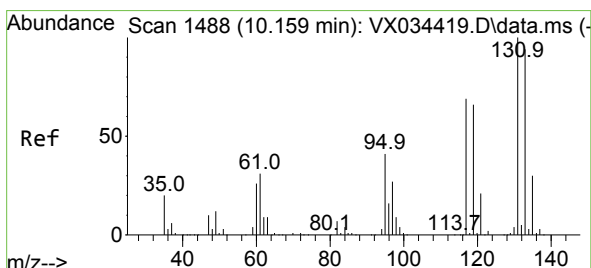
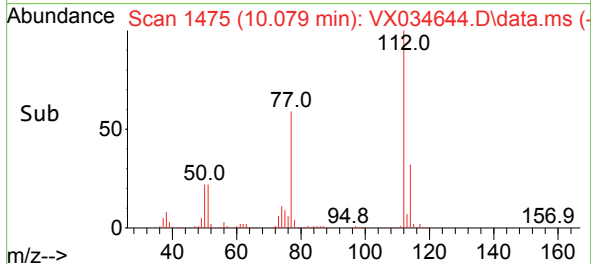
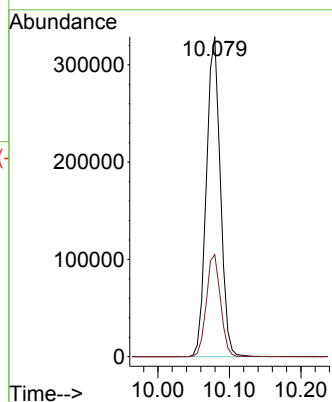
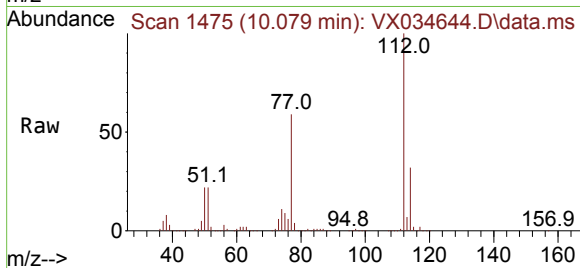




#65
Chlorobenzene
Concen: 48.040 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

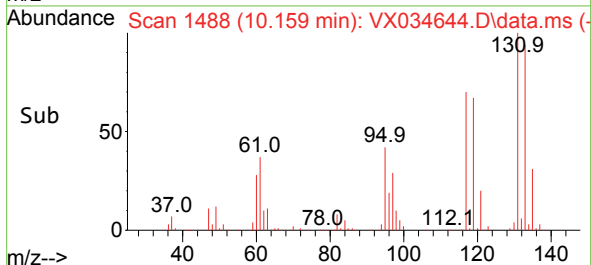
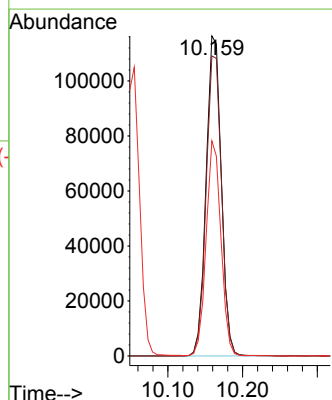
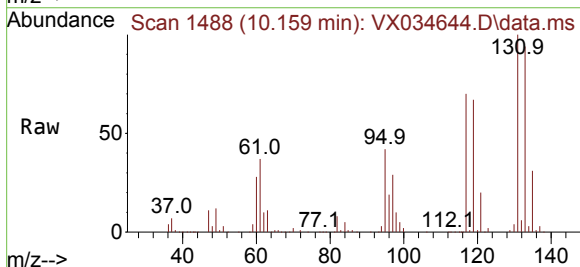
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

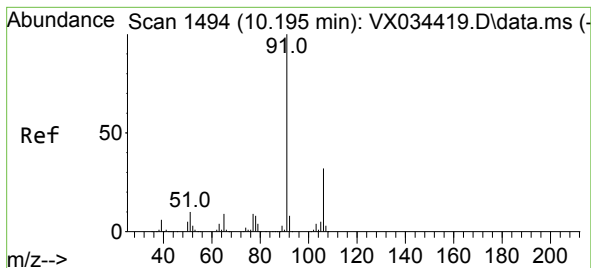
Tgt Ion:112 Resp: 446568
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.656 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion:131 Resp: 164729
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 65.4 32.6 98.0

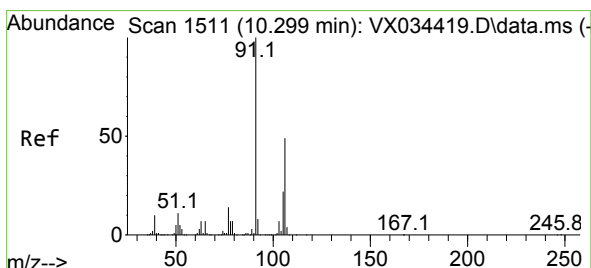
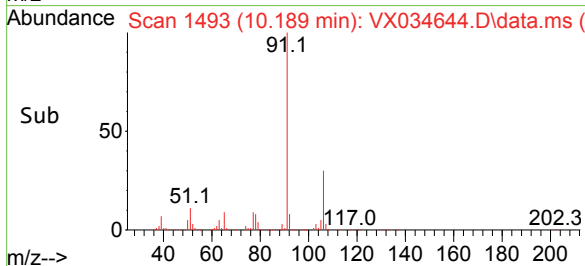
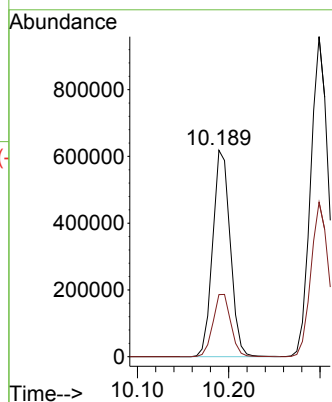
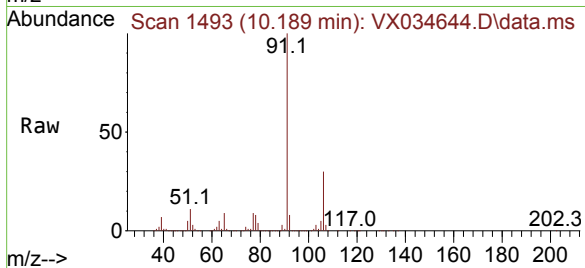




#67
Ethyl Benzene
Concen: 49.438 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

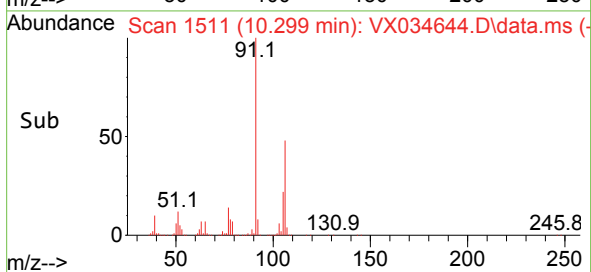
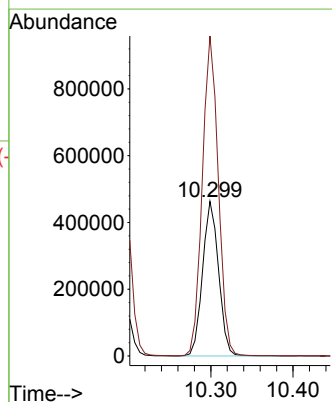
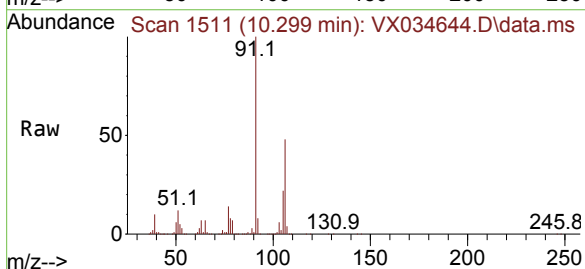
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

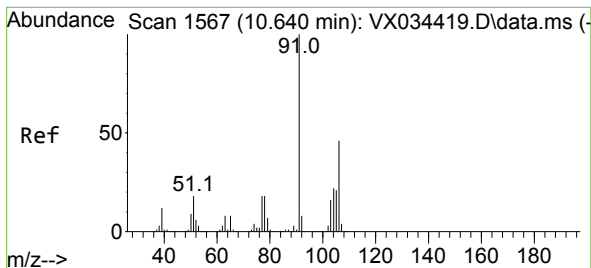
Tgt Ion: 91 Resp: 822720
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4



#68
m/p-Xylenes
Concen: 97.948 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 106 Resp: 626148
Ion Ratio Lower Upper
106 100
91 207.2 164.0 246.0





#69

o-Xylene

Concen: 48.440 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

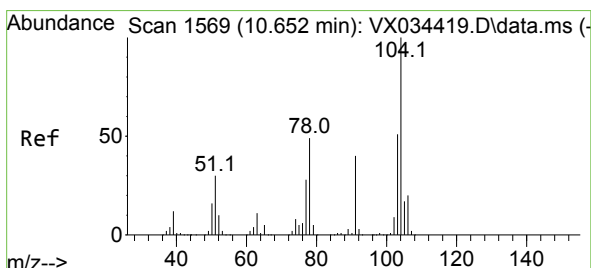
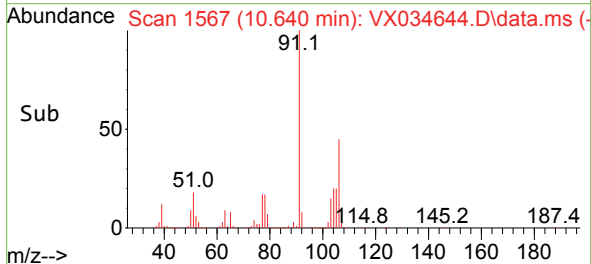
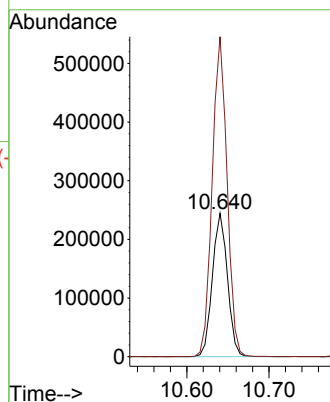
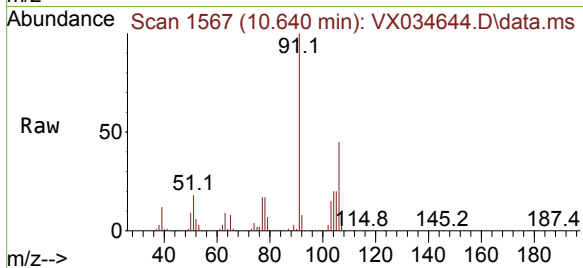
VSTDCCC050

Tgt Ion:106 Resp: 310757

Ion Ratio Lower Upper

106 100

91 220.2 108.5 325.3



#70

Styrene

Concen: 50.622 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

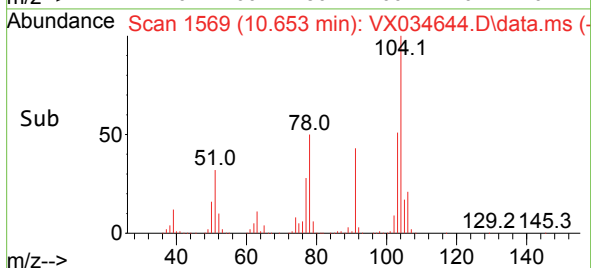
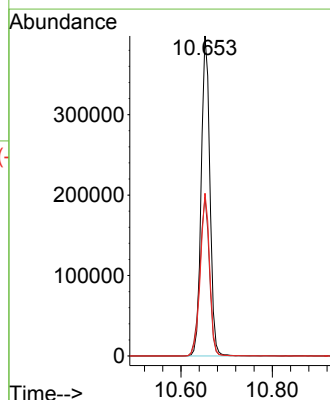
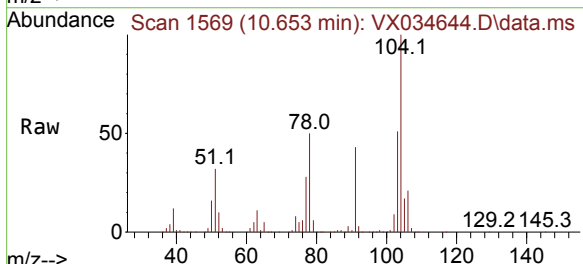
Tgt Ion:104 Resp: 523962

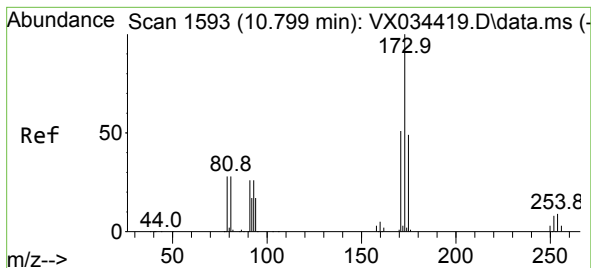
Ion Ratio Lower Upper

104 100

78 54.5 43.4 65.2

103 54.5 44.2 66.2





#71

Bromoform

Concen: 48.059 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

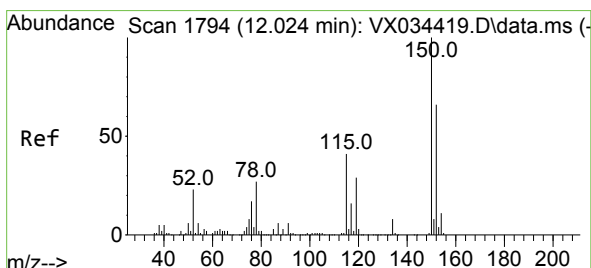
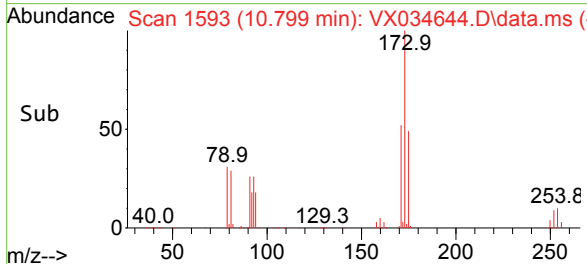
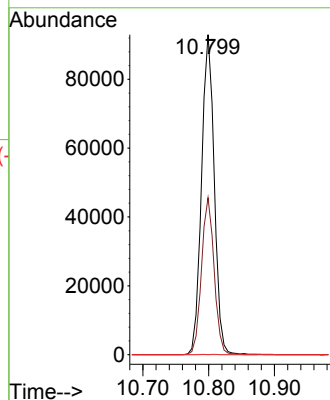
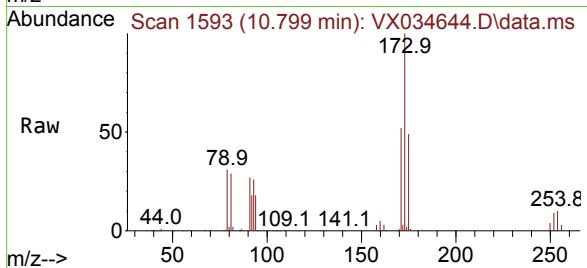
Tgt Ion:173 Resp: 125246

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

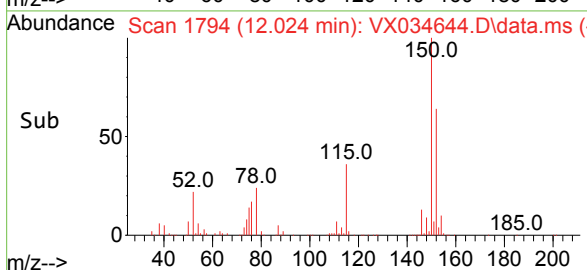
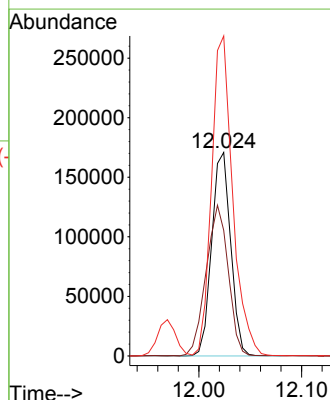
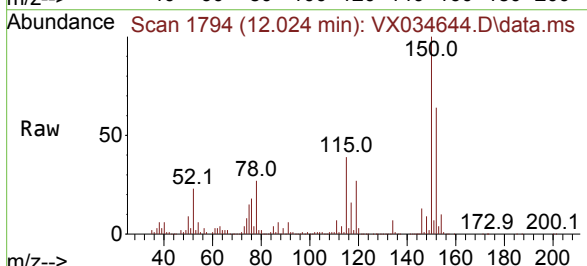
Tgt Ion:152 Resp: 219469

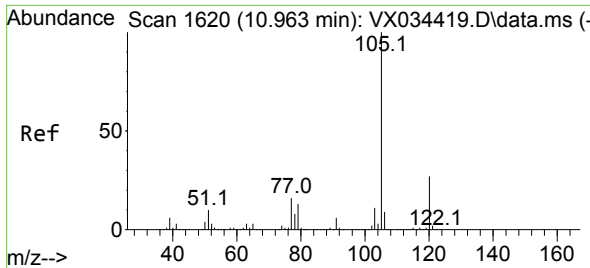
Ion Ratio Lower Upper

152 100

115 86.3 45.0 135.0

150 175.0 0.0 352.4

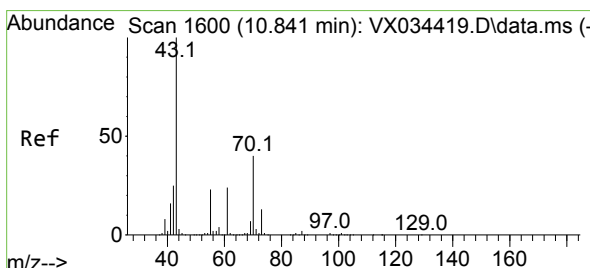
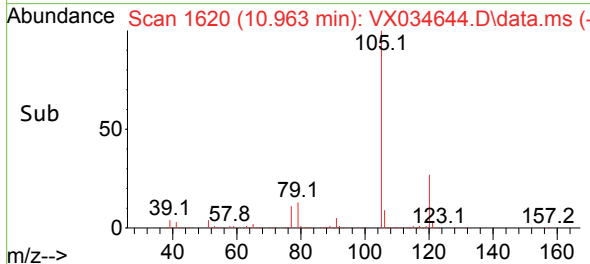
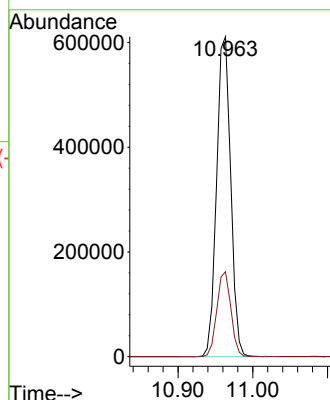
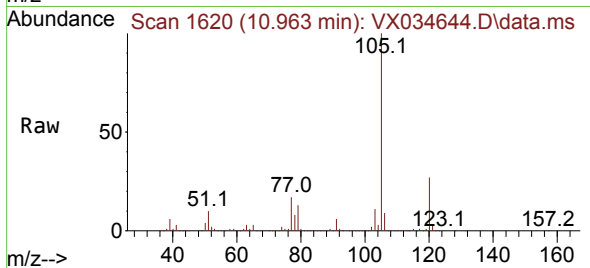




#73
Isopropylbenzene
Concen: 47.125 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

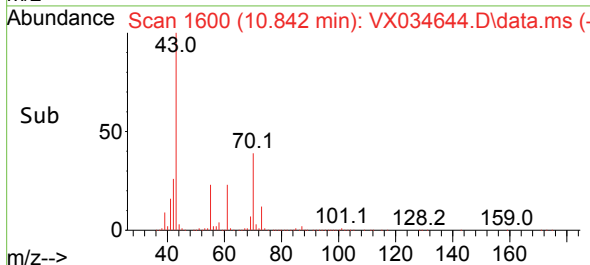
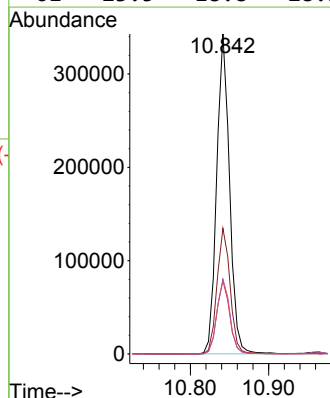
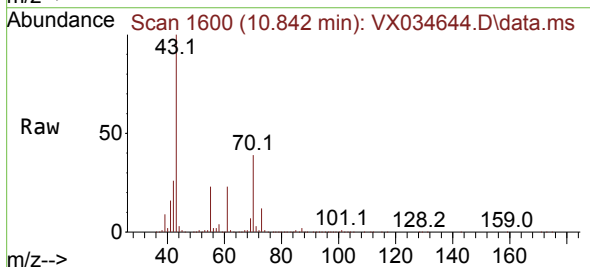
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

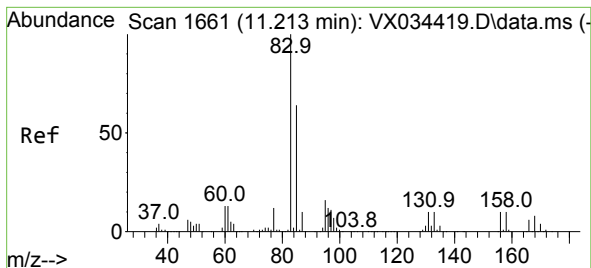
Tgt Ion:105 Resp: 799345
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 48.085 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 43 Resp: 390662
Ion Ratio Lower Upper
43 100
70 40.3 32.1 48.1
55 23.0 18.3 27.5
61 23.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.979 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

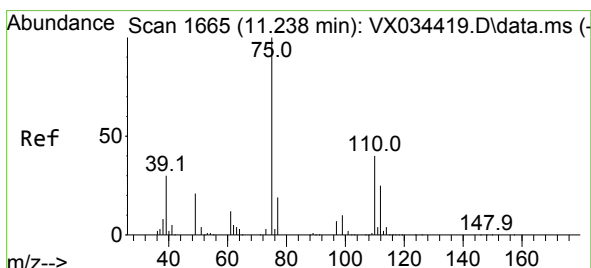
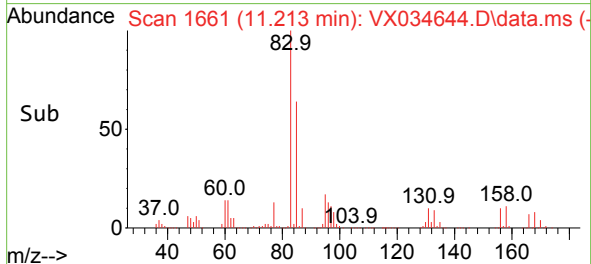
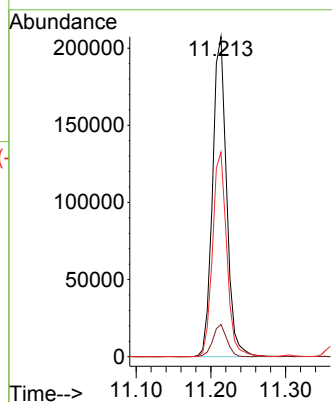
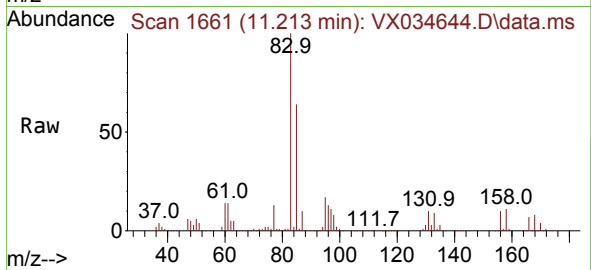
Tgt Ion: 83 Resp: 271573

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.3

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 59.524 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX034644.D

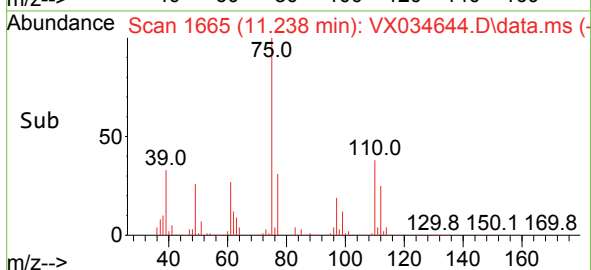
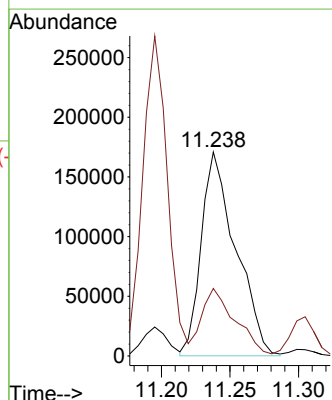
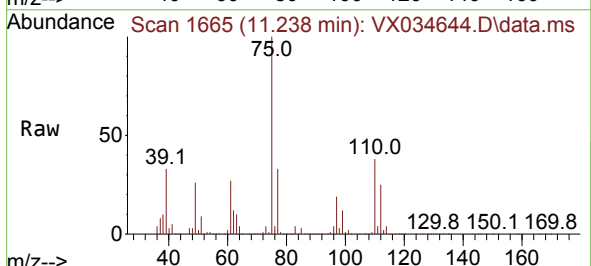
Acq: 21 Mar 2023 09:15

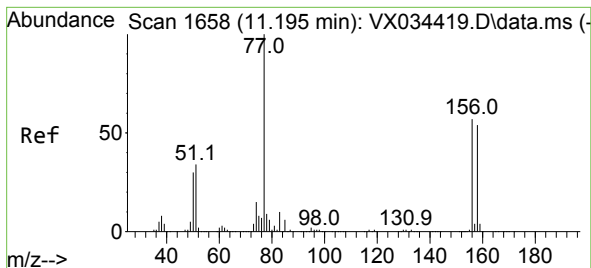
Tgt Ion: 75 Resp: 299959

Ion Ratio Lower Upper

75 100

77 32.2 21.6 64.8





#77

Bromobenzene

Concen: 48.259 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

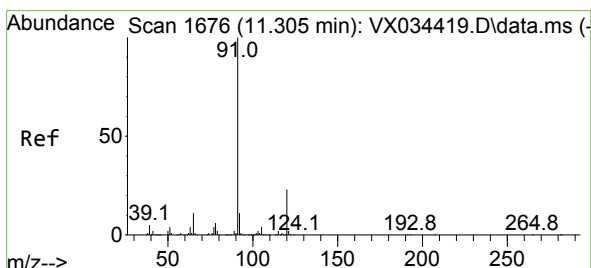
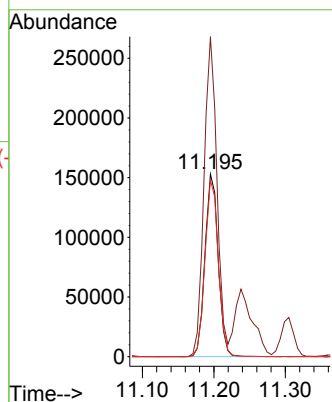
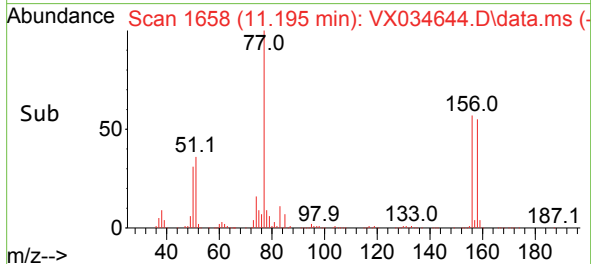
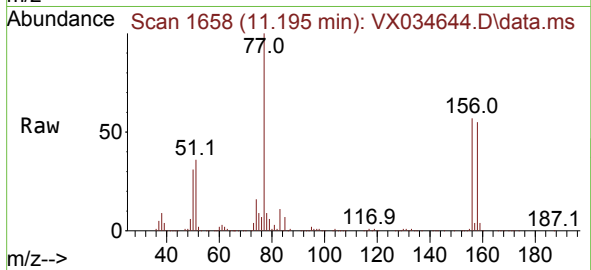
Tgt Ion:156 Resp: 196395

Ion Ratio Lower Upper

156 100

77 171.5 86.7 259.9

158 97.6 48.0 144.0



#78

n-propylbenzene

Concen: 48.341 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034644.D

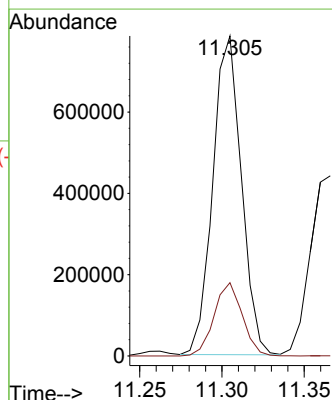
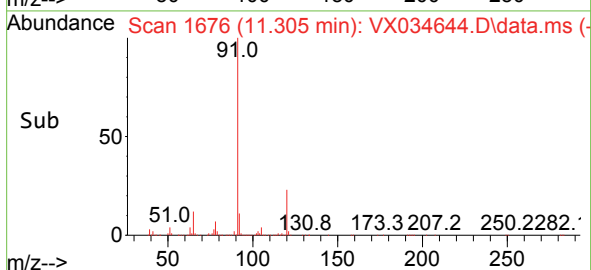
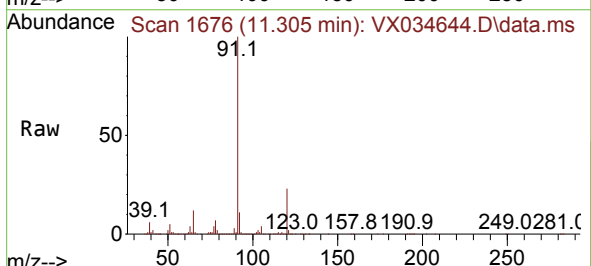
Acq: 21 Mar 2023 09:15

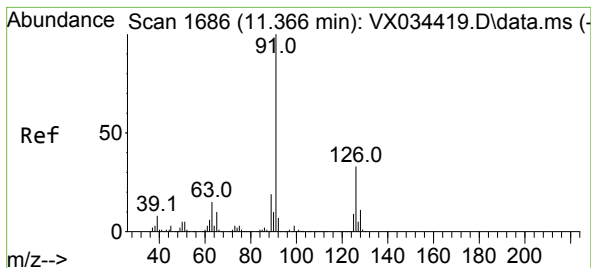
Tgt Ion: 91 Resp: 946984

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5

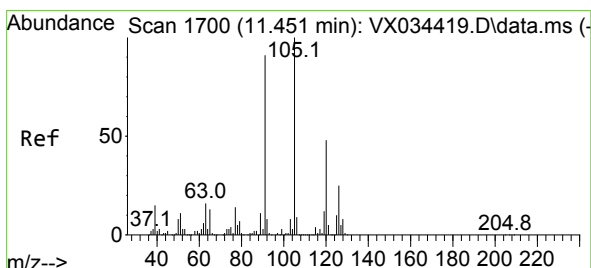
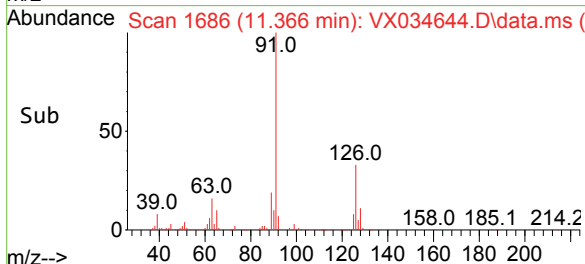
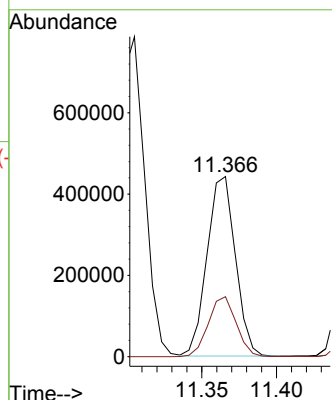
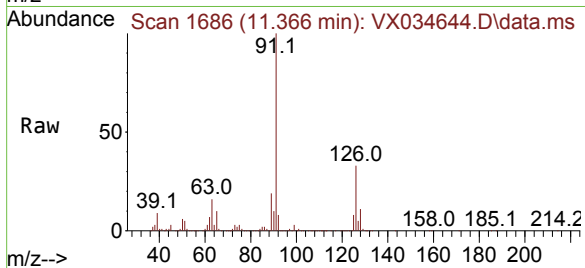




#79
2-Chlorotoluene
Concen: 48.259 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

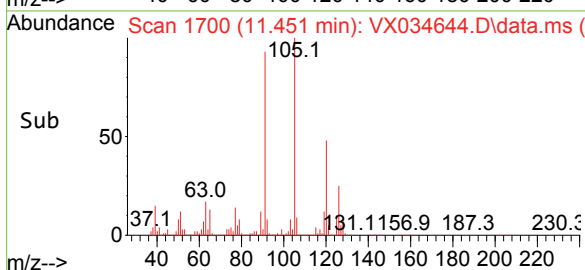
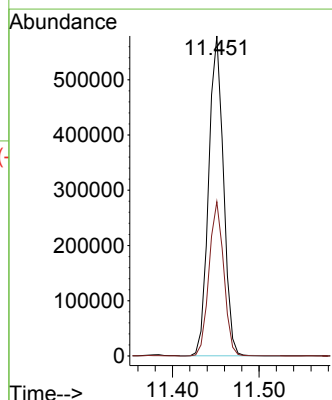
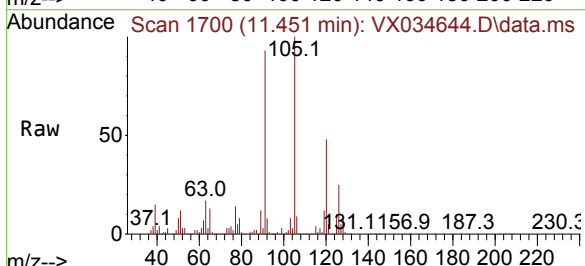
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

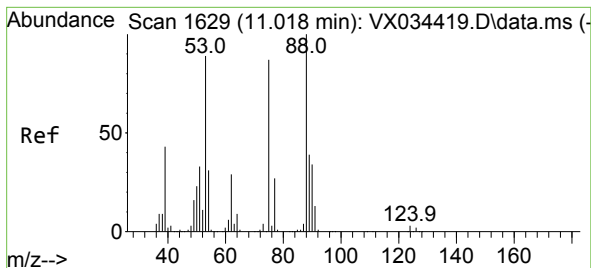
Tgt Ion: 91 Resp: 583866
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 48.325 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 105 Resp: 687541
Ion Ratio Lower Upper
105 100
120 48.0 23.7 71.1

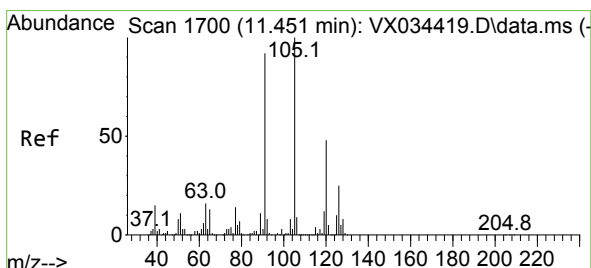
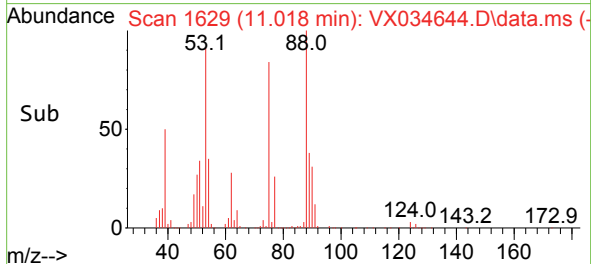
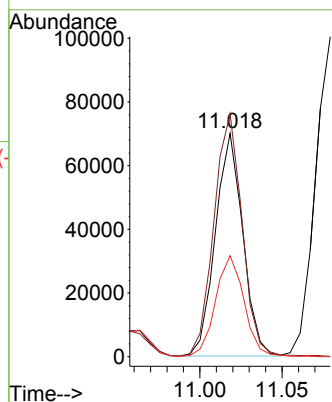
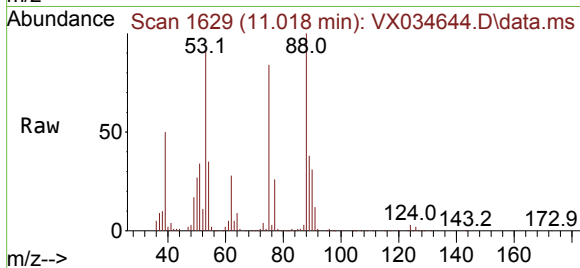




#81
trans-1,4-Dichloro-2-butene
Concen: 43.530 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

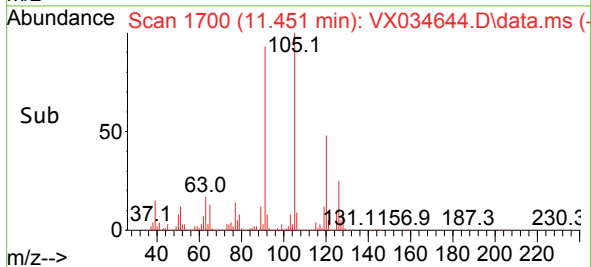
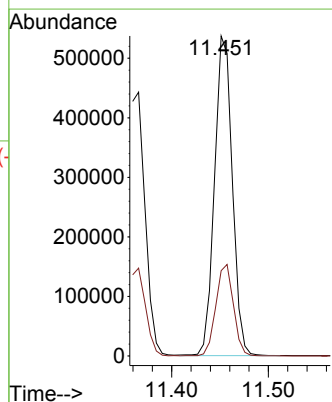
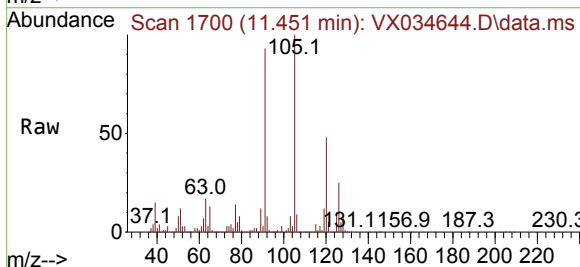
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

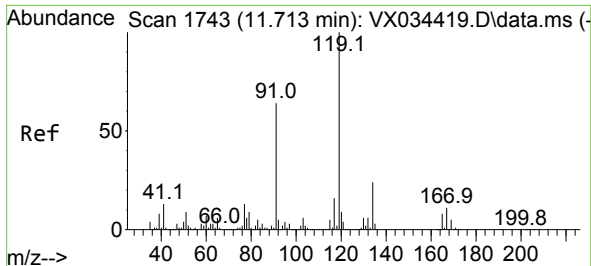
Tgt Ion: 75 Resp: 81085
Ion Ratio Lower Upper
75 100
53 112.4 82.6 124.0
89 47.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.212 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion: 91 Resp: 685802
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6

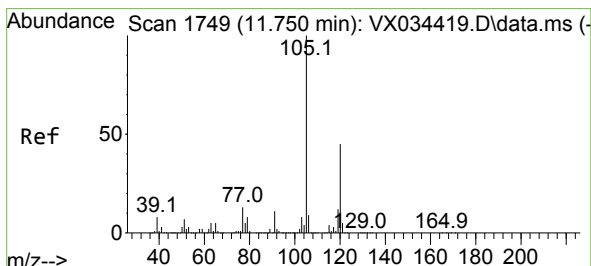
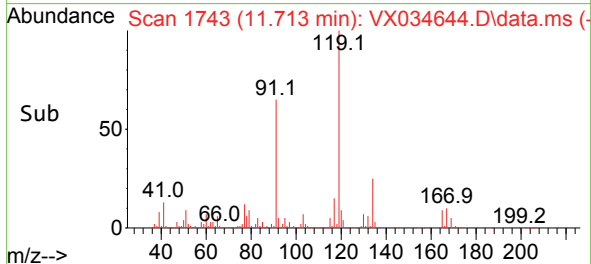
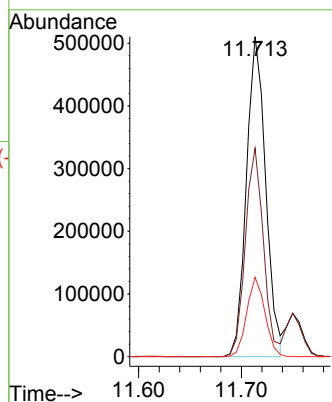
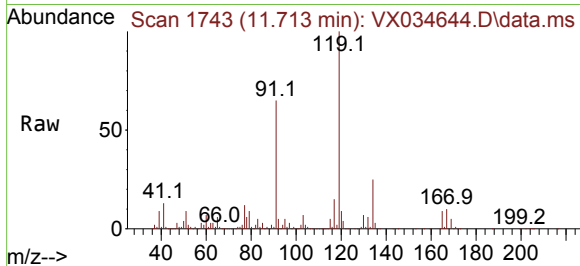




#83
tert-Butylbenzene
Concen: 46.212 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

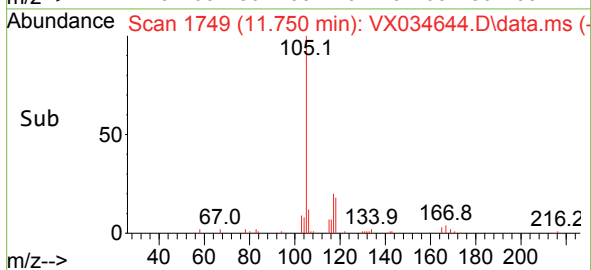
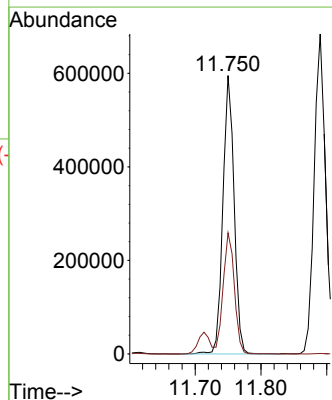
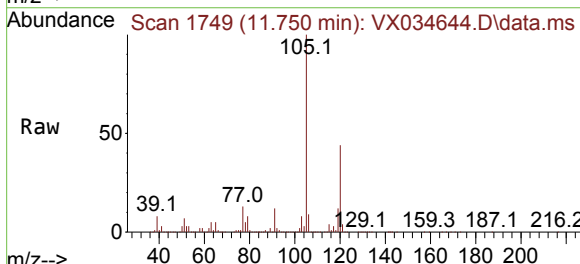
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

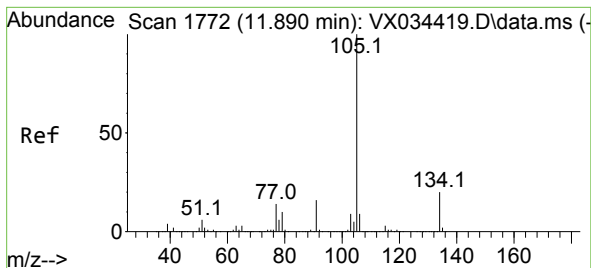
Tgt Ion:119 Resp: 662907
Ion Ratio Lower Upper
119 100
91 61.7 30.6 92.0
134 23.5 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 48.512 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion:105 Resp: 705388
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 46.360 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

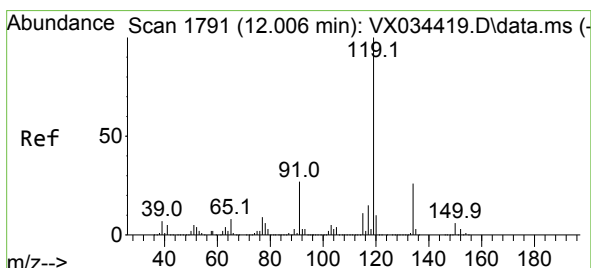
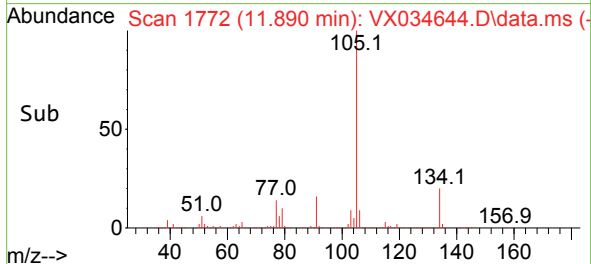
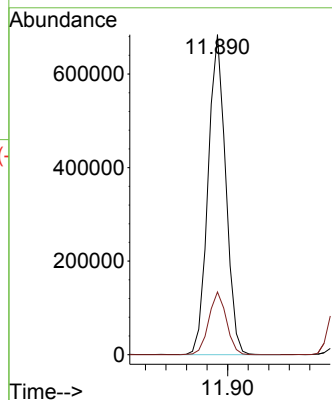
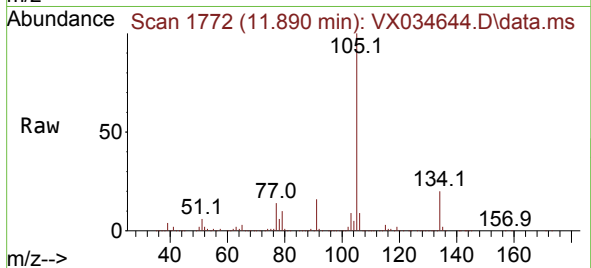
VSTDCCC050

Tgt Ion:105 Resp: 813023

Ion Ratio Lower Upper

105 100

134 19.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 46.468 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

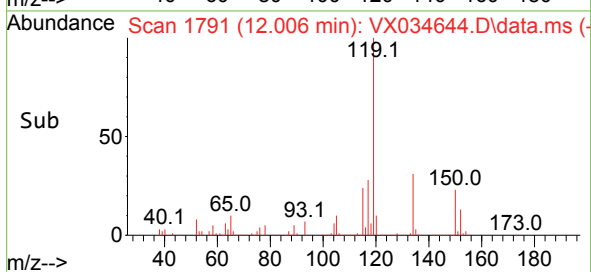
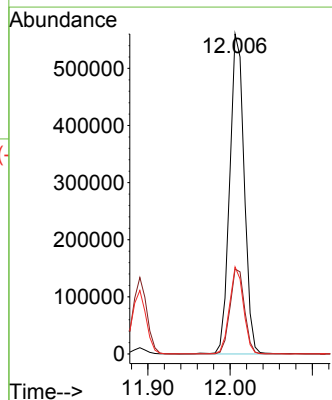
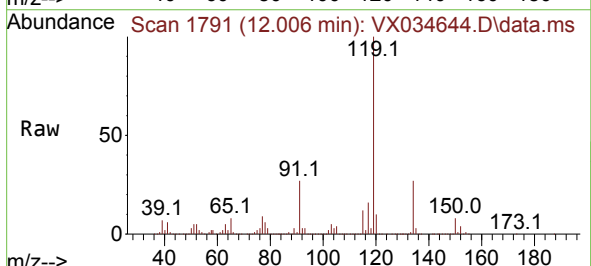
Tgt Ion:119 Resp: 684887

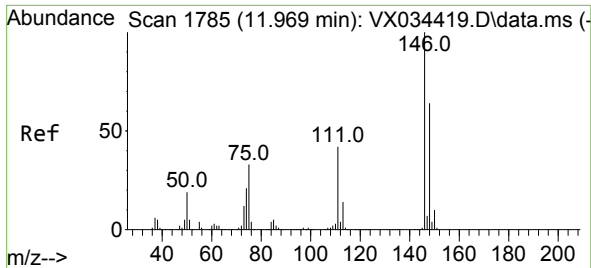
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 26.4 12.9 38.7

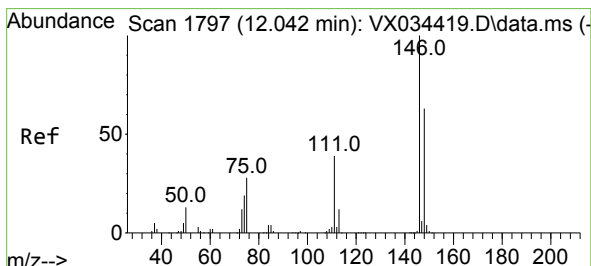
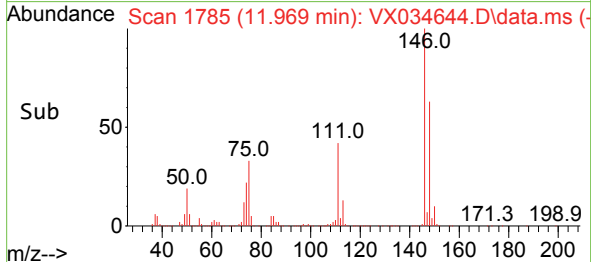
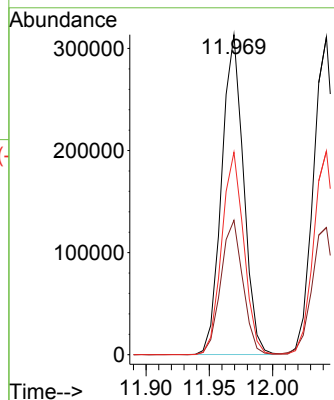
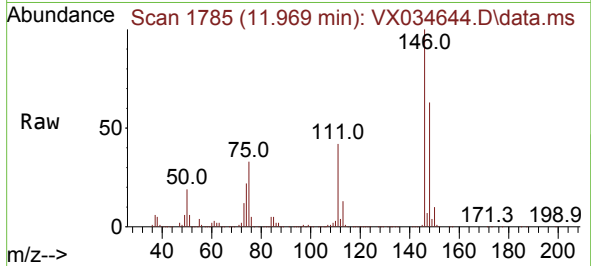




#87
1,3-Dichlorobenzene
Concen: 47.248 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

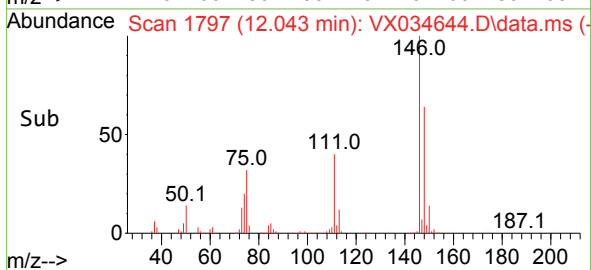
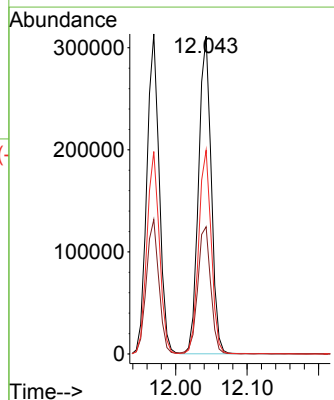
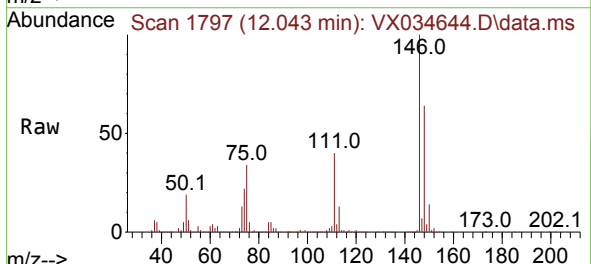
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

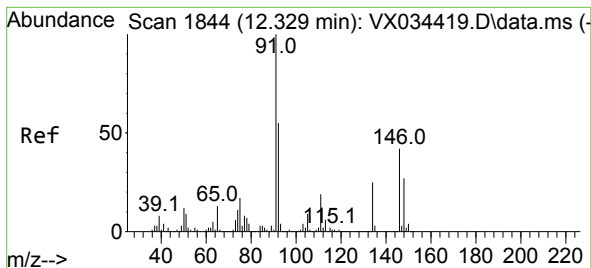
Tgt Ion:146 Resp: 376745
Ion Ratio Lower Upper
146 100
111 42.4 20.9 62.8
148 63.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 47.378 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034644.D
Acq: 21 Mar 2023 09:15

Tgt Ion:146 Resp: 381998
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.9
148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 50.699 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

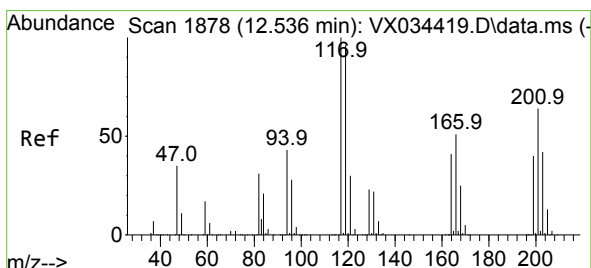
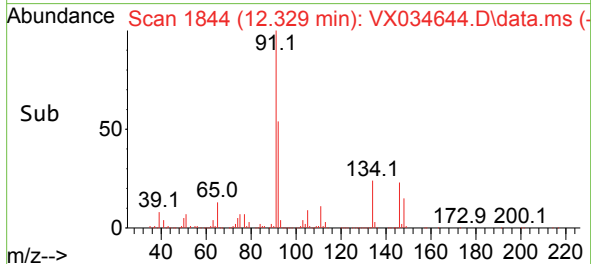
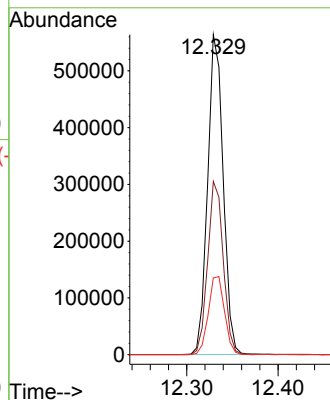
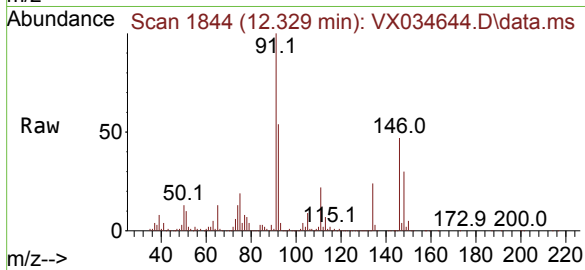
Tgt Ion: 91 Resp: 664295

Ion Ratio Lower Upper

91 100

92 54.4 27.7 83.0

134 25.5 13.0 38.9



#90

Hexachloroethane

Concen: 47.474 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034644.D

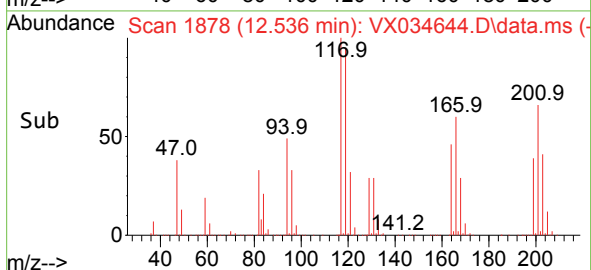
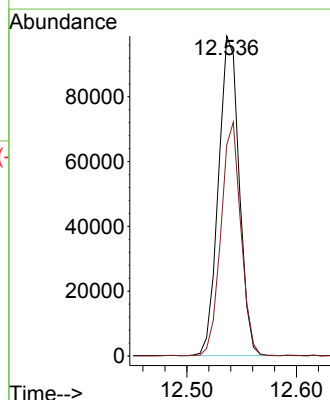
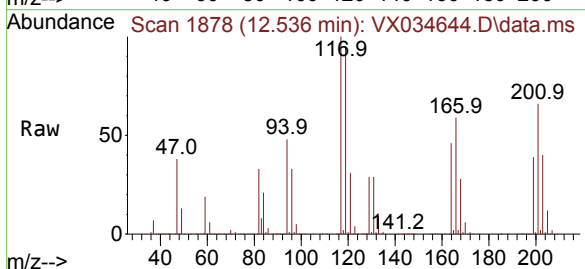
Acq: 21 Mar 2023 09:15

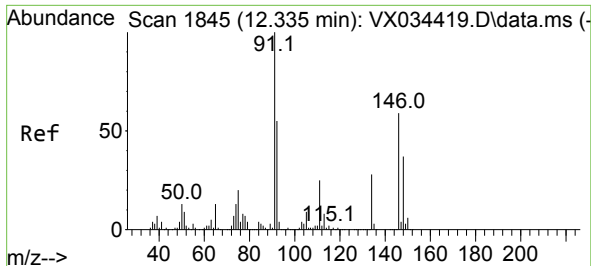
Tgt Ion: 117 Resp: 129474

Ion Ratio Lower Upper

117 100

201 70.1 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 52.264 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

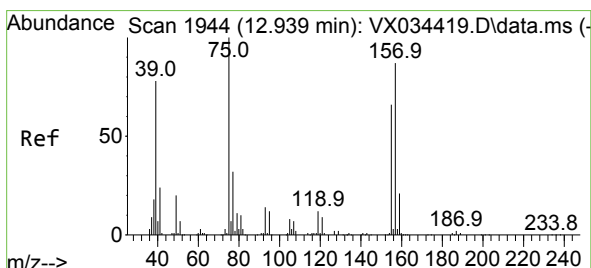
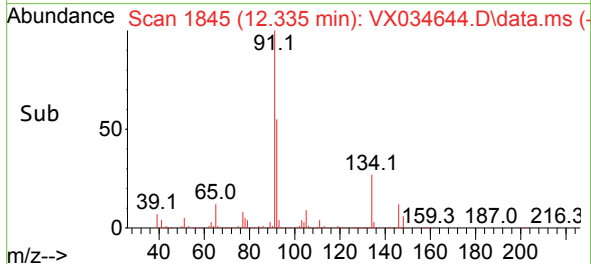
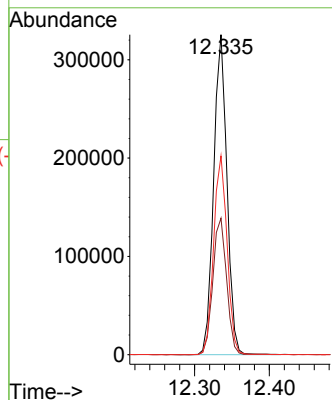
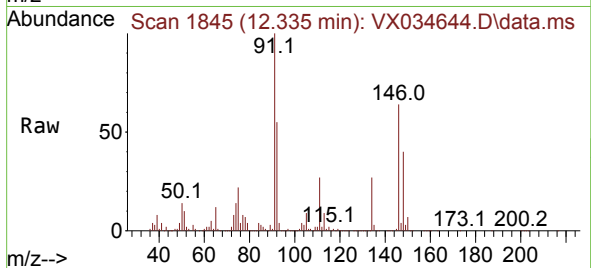
Tgt Ion:146 Resp: 402742

Ion Ratio Lower Upper

146 100

111 44.3 22.0 66.0

148 63.4 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.966 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

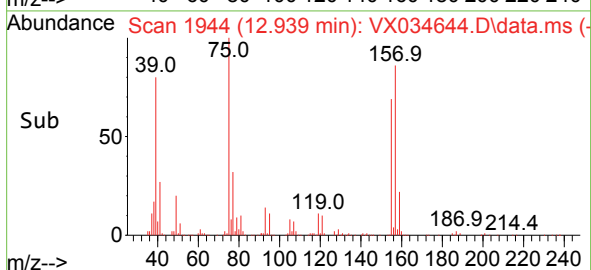
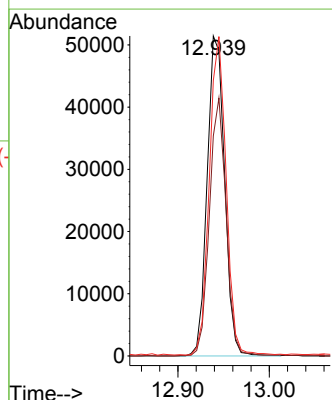
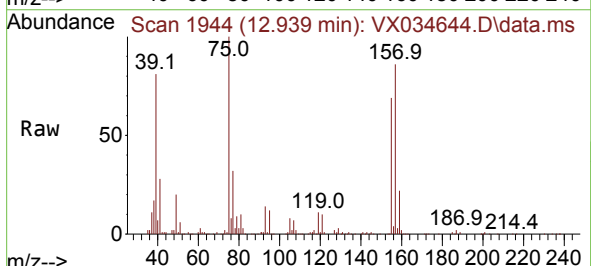
Tgt Ion: 75 Resp: 68114

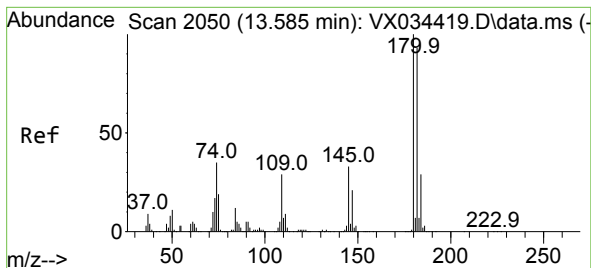
Ion Ratio Lower Upper

75 100

155 77.3 38.4 115.1

157 95.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 50.255 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

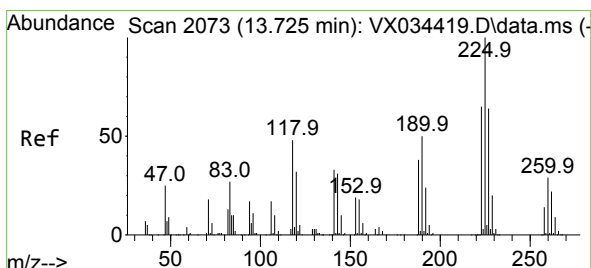
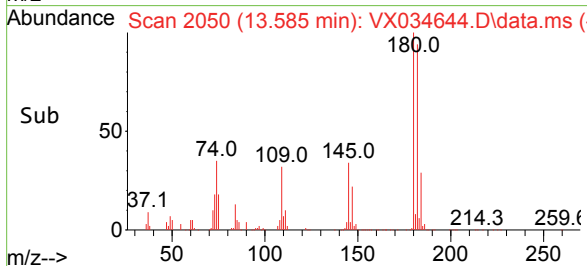
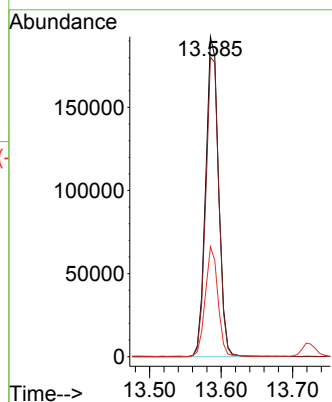
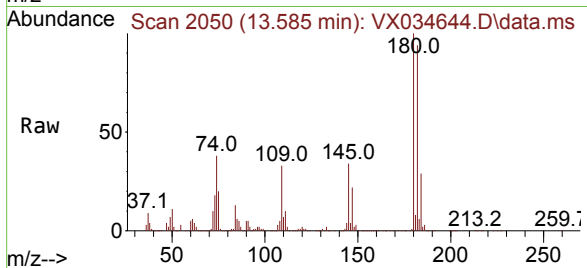
Tgt Ion:180 Resp: 242175

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.0

145 33.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.809 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

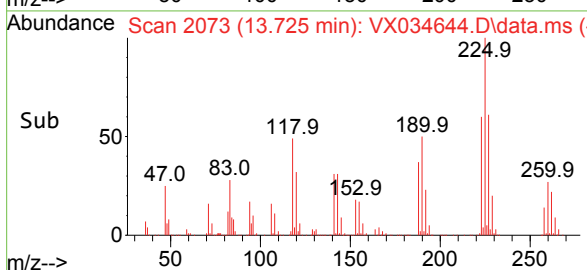
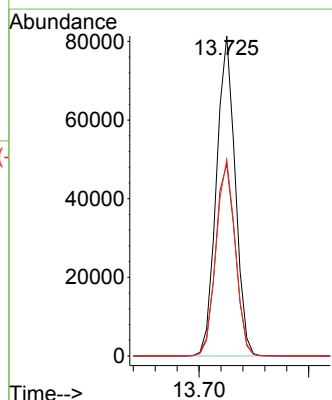
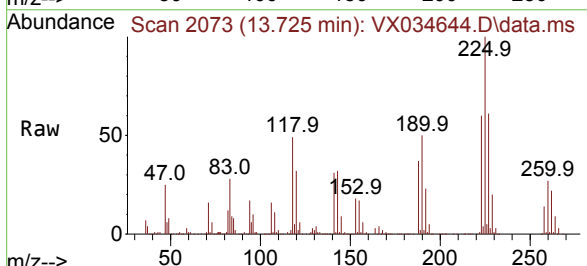
Tgt Ion:225 Resp: 96698

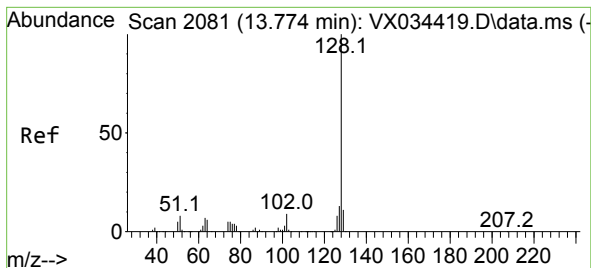
Ion Ratio Lower Upper

225 100

223 62.8 32.1 96.5

227 62.6 31.8 95.4





#95

Naphthalene

Concen: 53.300 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

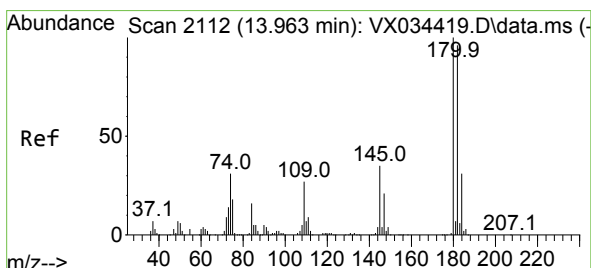
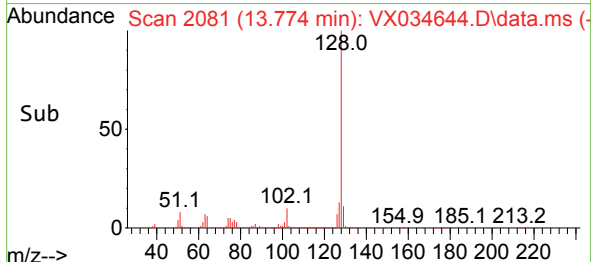
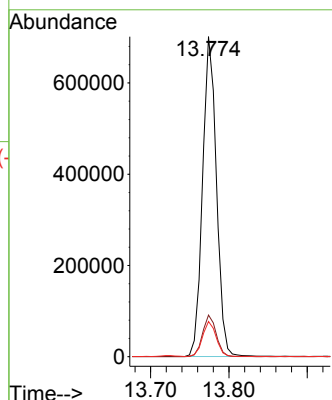
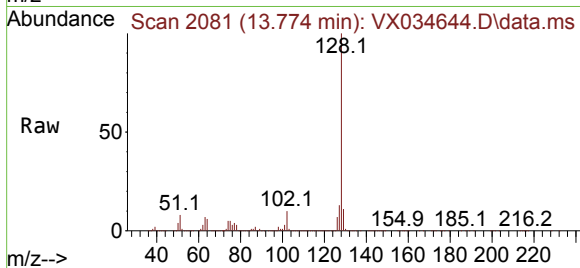
Tgt Ion:128 Resp: 861299

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.424 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034644.D

Acq: 21 Mar 2023 09:15

Tgt Ion:180 Resp: 246945

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.2

145 35.5 17.7 53.1

