

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038830.D
 Acq On : 16 Nov 2023 10:11
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 16 22:40:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	186628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	355264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	17046	5.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	11.340%#
35) Dibromofluoromethane	5.379	113	14525	5.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	11.320%#
50) Toluene-d8	8.647	98	56050	5.710	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	11.420%#
62) 4-Bromofluorobenzene	11.079	95	22110	5.626	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	11.260%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9665	4.438	ug/l	99
3) Chloromethane	1.294	50	13696	4.819	ug/l	94
4) Vinyl Chloride	1.374	62	13854	5.060	ug/l	98
5) Bromomethane	1.599	94	6318	5.581	ug/l	95
6) Chloroethane	1.685	64	7815	5.002	ug/l	93
7) Trichlorofluoromethane	1.886	101	17668	5.085	ug/l	96
8) Diethyl Ether	2.130	74	7897	5.219	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	11502	4.992	ug/l	98
10) Methyl Iodide	2.453	142	14019	4.999	ug/l	90
11) Tert butyl alcohol	2.959	59	21984	26.284	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	12152	5.224	ug/l	87
13) Acrolein	2.233	56	13880	31.367	ug/l	98
14) Allyl chloride	2.660	41	23808	5.112	ug/l	93
15) Acrylonitrile	3.062	53	44773	25.334	ug/l	97
16) Acetone	2.373	43	39551	24.706	ug/l #	89
17) Carbon Disulfide	2.508	76	36646	5.086	ug/l	96
18) Methyl Acetate	2.703	43	36964	4.861	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	41053	5.018	ug/l	96
20) Methylene Chloride	2.788	84	14683	5.088	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	12595	4.907	ug/l #	89
22) Diisopropyl ether	3.757	45	42777	5.007	ug/l #	88
23) Vinyl Acetate	3.721	43	153154	24.890	ug/l	98
24) 1,1-Dichloroethane	3.611	63	24332	5.093	ug/l	99
25) 2-Butanone	4.556	43	66182	25.494	ug/l	93
26) 2,2-Dichloropropane	4.471	77	20442	4.933	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	14603	4.881	ug/l	99
28) Bromochloromethane	4.897	49	11828	5.156	ug/l	100
29) Tetrahydrofuran	5.007	42	41681	25.287	ug/l	96
30) Chloroform	5.092	83	23638	5.067	ug/l	96
31) Cyclohexane	5.470	56	22475	5.235	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	20606	5.099	ug/l	97
36) 1,1-Dichloropropene	5.690	75	18084	4.918	ug/l	91
37) Ethyl Acetate	4.708	43	22499	4.696	ug/l #	93
38) Carbon Tetrachloride	5.672	117	16715	4.918	ug/l	97
39) Methylcyclohexane	7.373	83	24837	5.178	ug/l	90
40) Benzene	6.037	78	54023	4.967	ug/l	99

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11672	4.697	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	18485	5.130	ug/l	89
43) Isopropyl Acetate	6.342	43	38137	4.981	ug/l	98
44) Trichloroethene	7.123	130	12967	4.898	ug/l	95
45) 1,2-Dichloropropane	7.433	63	13770	4.704	ug/l	92
46) Dibromomethane	7.586	93	9549	4.892	ug/l	95
47) Bromodichloromethane	7.824	83	19427	5.015	ug/l	96
48) Methyl methacrylate	7.696	41	17509	4.713	ug/l	89
49) 1,4-Dioxane	7.665	88	7075	98.439	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	121235	24.777	ug/l	98
52) Toluene	8.720	92	32643	4.836	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	22517	4.891	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	23816	5.008	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	13626	4.838	ug/l	93
56) Ethyl methacrylate	9.116	69	23845	5.004	ug/l	95
57) 1,3-Dichloropropane	9.311	76	23123	4.965	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	58947	26.556	ug/l	96
59) 2-Hexanone	9.427	43	100185	25.544	ug/l	98
60) Dibromochloromethane	9.518	129	13937	4.867	ug/l	98
61) 1,2-Dibromoethane	9.610	107	14148	4.787	ug/l	96
64) Tetrachloroethene	9.275	164	10121	5.038	ug/l	90
65) Chlorobenzene	10.079	112	35804	5.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	12161	4.856	ug/l	90
67) Ethyl Benzene	10.195	91	65484	5.120	ug/l	99
68) m/p-Xylenes	10.299	106	49660	10.264	ug/l	100
69) o-Xylene	10.640	106	24060	5.026	ug/l	98
70) Styrene	10.652	104	41048	5.077	ug/l	98
71) Bromoform	10.799	173	10344	4.955	ug/l #	99
73) Isopropylbenzene	10.963	105	62699	5.198	ug/l	100
74) N-amyl acetate	10.841	43	30168	4.731	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	23492	4.989	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	26440	7.028	ug/l	96
77) Bromobenzene	11.195	156	14052	5.185	ug/l	97
78) n-propylbenzene	11.305	91	75510	5.086	ug/l	99
79) 2-Chlorotoluene	11.366	91	45592	5.174	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	52129	5.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8555	4.913	ug/l #	79
82) 4-Chlorotoluene	11.451	91	51517	5.071	ug/l	98
83) tert-Butylbenzene	11.713	119	51628	5.169	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	52534	5.118	ug/l	96
85) sec-Butylbenzene	11.890	105	67442	5.162	ug/l	99
86) p-Isopropyltoluene	12.006	119	54494	5.196	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	27140	5.114	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	27473	5.058	ug/l	94
89) n-Butylbenzene	12.329	91	53711	5.076	ug/l	97
90) Hexachloroethane	12.536	117	10549	5.037	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	25859	5.137	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	5977	5.181	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	17572	5.209	ug/l	95
94) Hexachlorobutadiene	13.725	225	6039	5.055	ug/l	98
95) Naphthalene	13.774	128	64036	5.097	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15958	4.991	ug/l	99

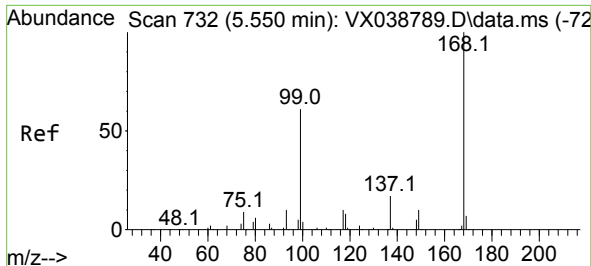
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
Data File : VX038830.D
Acq On : 16 Nov 2023 10:11
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Nov 16 22:40:26 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 16 15:22:11 2023
Response via : Initial Calibration

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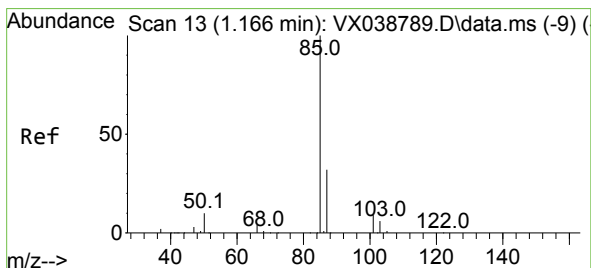
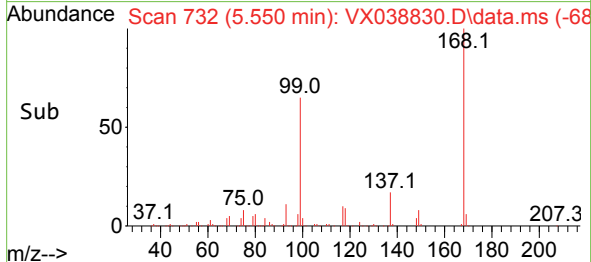
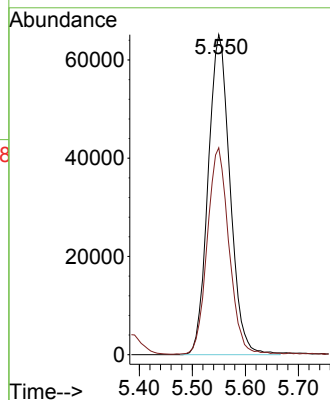
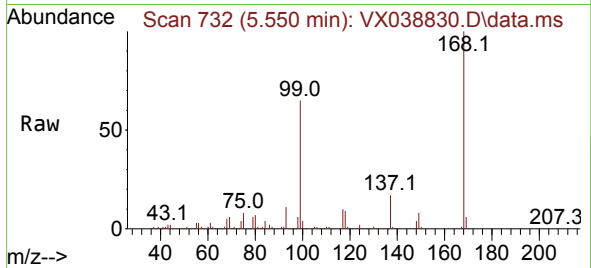
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038830.D
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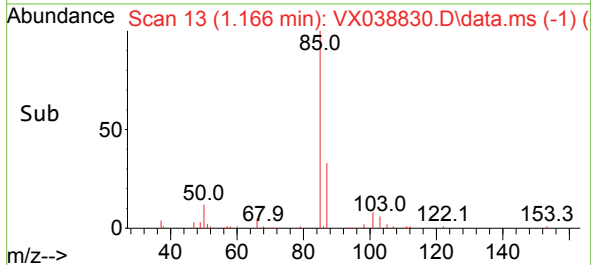
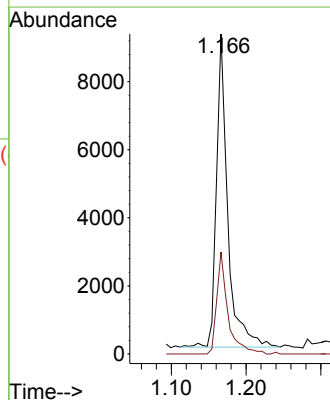
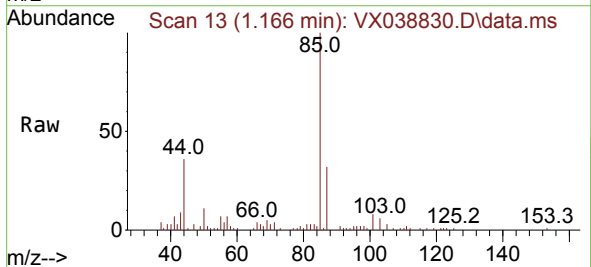
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MSVOA_X
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VSTDICC005

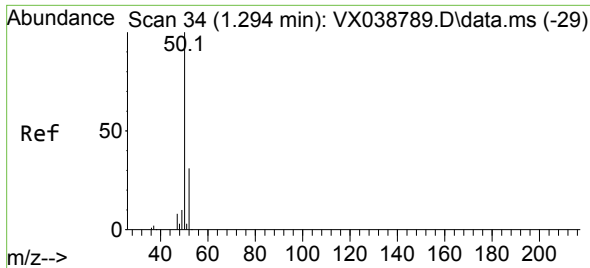
Tgt Ion:168 Resp: 186628
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 4.438 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 85 Resp: 9665
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1

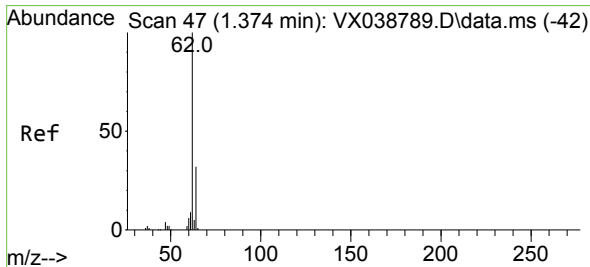
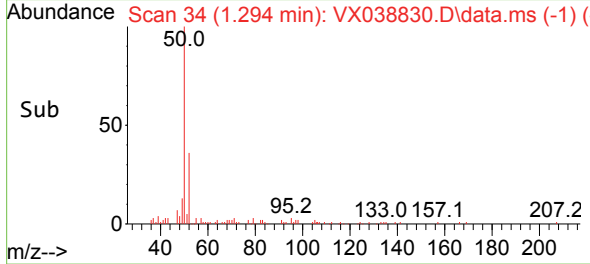
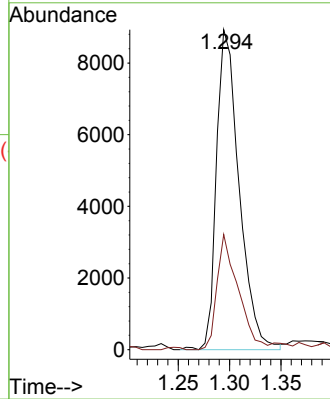
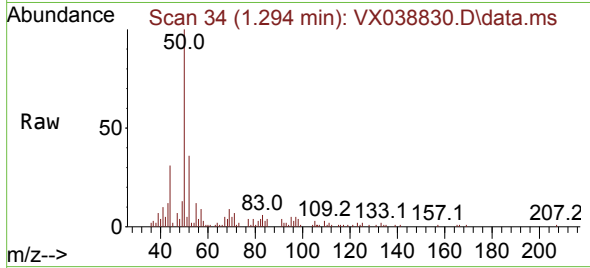




#3
Chloromethane
Concen: 4.819 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

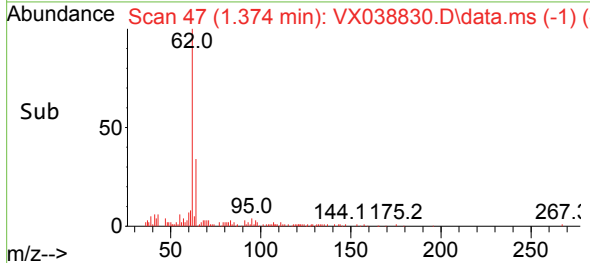
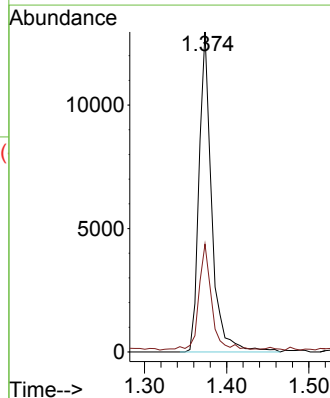
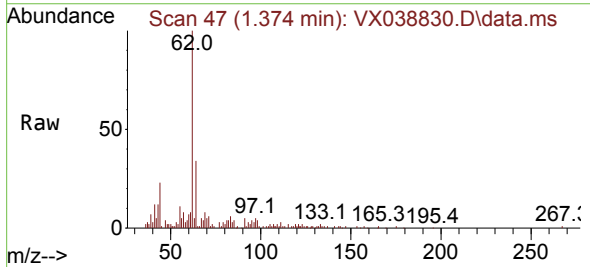
Instrument :
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ClientSampleId :
VSTDICC005

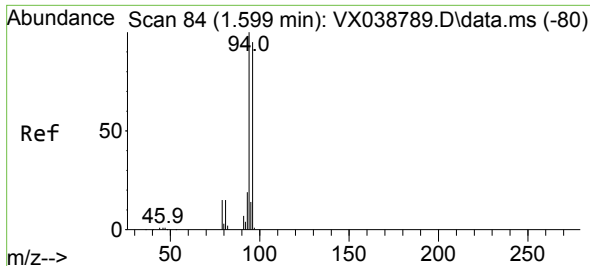
Tgt Ion: 50 Resp: 13696
Ion Ratio Lower Upper
50 100
52 35.3 25.5 38.3



#4
Vinyl Chloride
Concen: 5.060 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 62 Resp: 13854
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

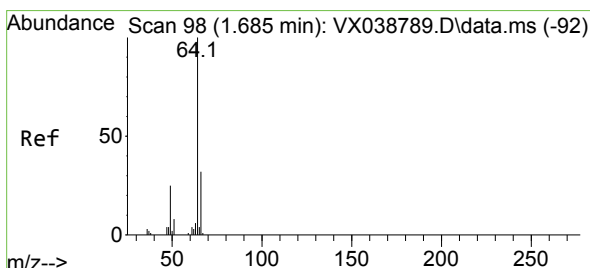
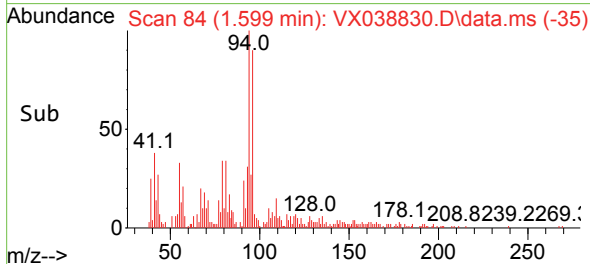
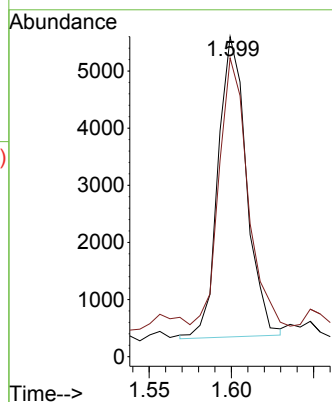
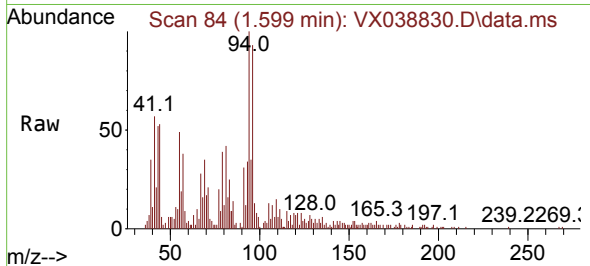




#5
Bromomethane
Concen: 5.581 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

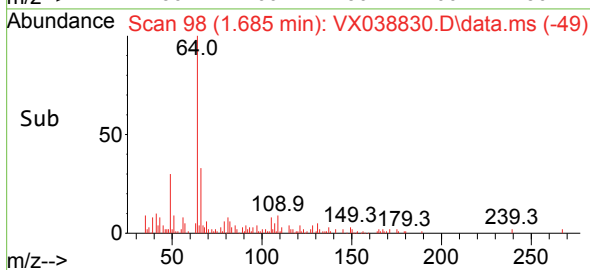
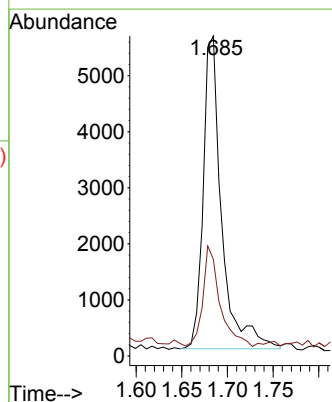
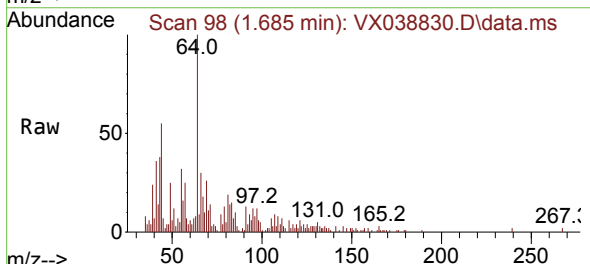
Instrument :
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ClientSampleId :
VSTDICC005

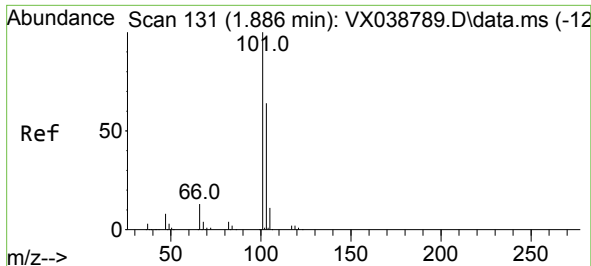
Tgt Ion: 94 Resp: 6318
Ion Ratio Lower Upper
94 100
96 88.5 74.6 111.8



#6
Chloroethane
Concen: 5.002 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 64 Resp: 7815
Ion Ratio Lower Upper
64 100
66 27.7 25.1 37.7

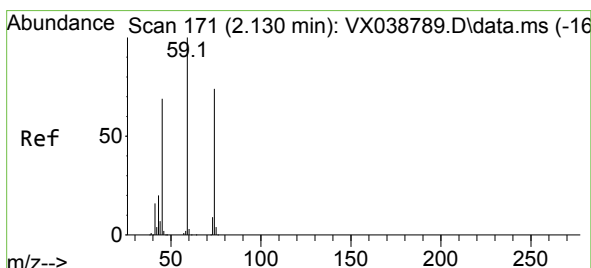
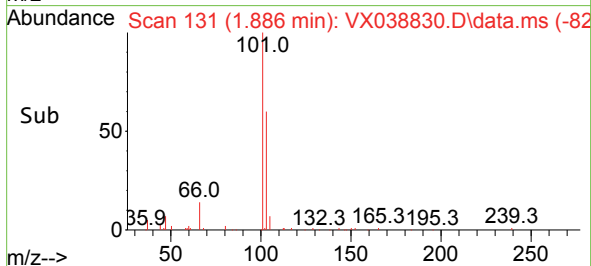
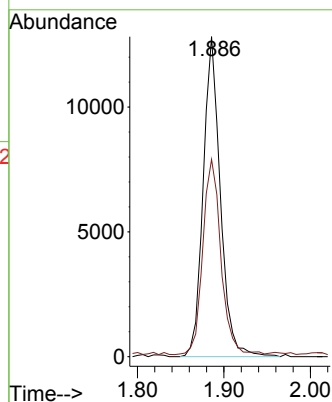
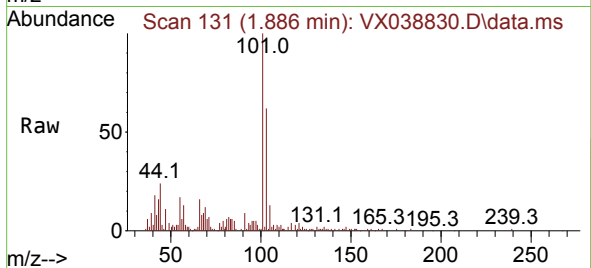




#7
Trichlorofluoromethane
Concen: 5.085 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

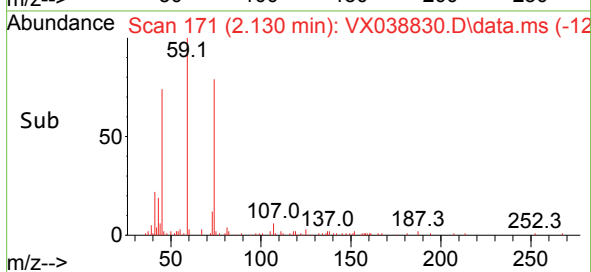
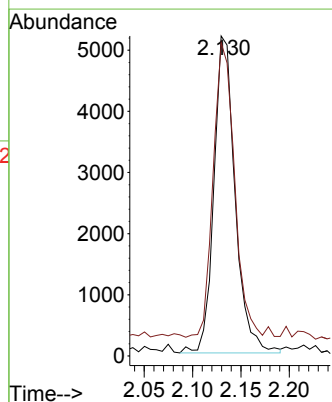
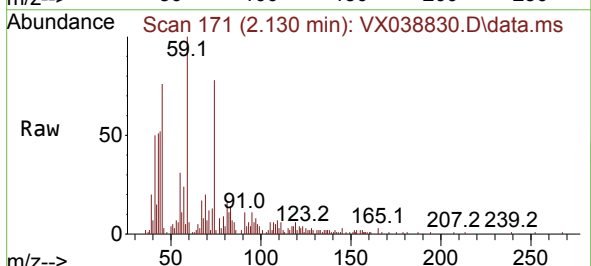
Instrument :
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VSTDIC005

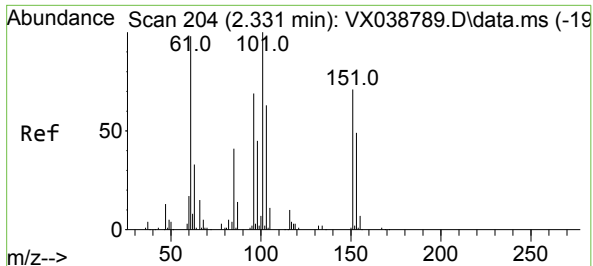
Tgt Ion:101 Resp: 17668
Ion Ratio Lower Upper
101 100
103 60.8 51.4 77.2



#8
Diethyl Ether
Concen: 5.219 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 74 Resp: 7897
Ion Ratio Lower Upper
74 100
45 94.0 53.3 159.8

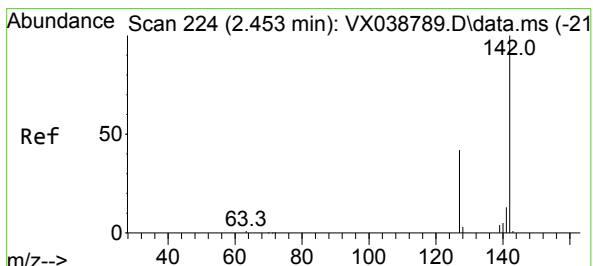
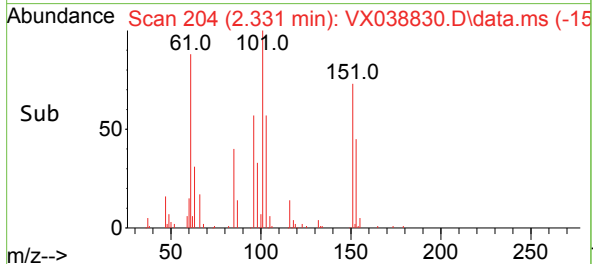
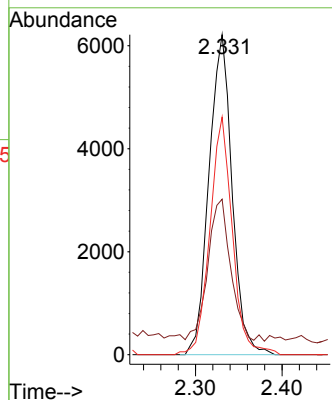
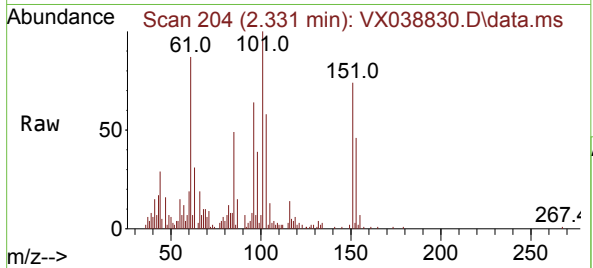




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.992 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038830.D
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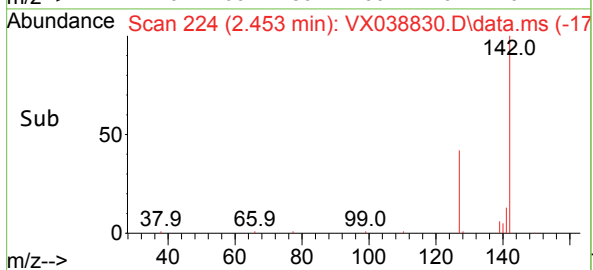
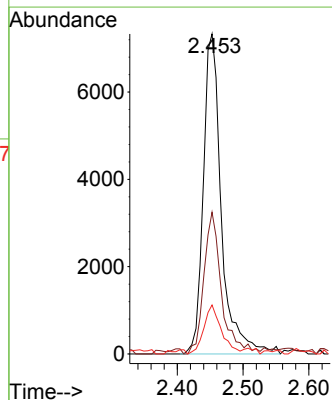
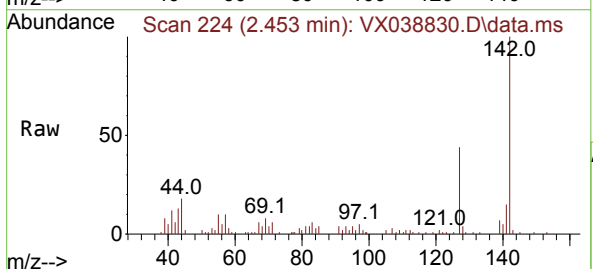
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

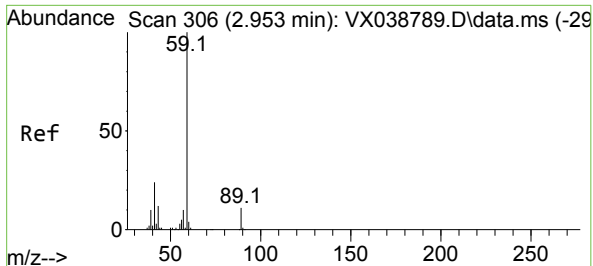
Tgt Ion:101 Resp: 11502
Ion Ratio Lower Upper
101 100
85 43.3 37.0 55.6
151 72.5 58.6 87.8



#10
Methyl Iodide
Concen: 4.999 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion:142 Resp: 14019
Ion Ratio Lower Upper
142 100
127 43.3 41.6 62.4
141 14.8 11.6 17.4

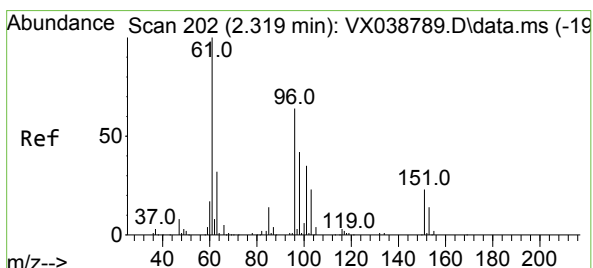
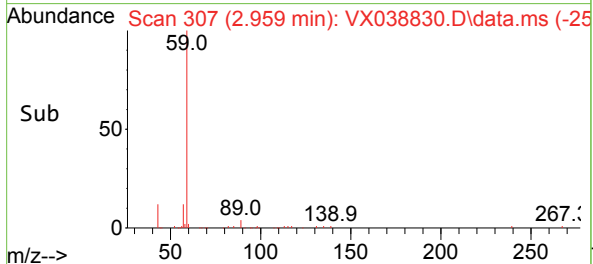
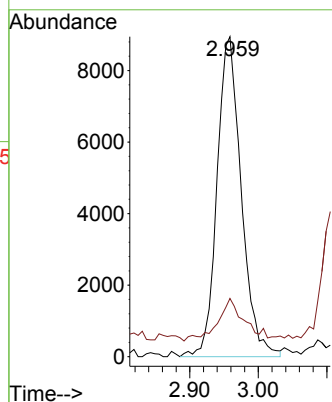
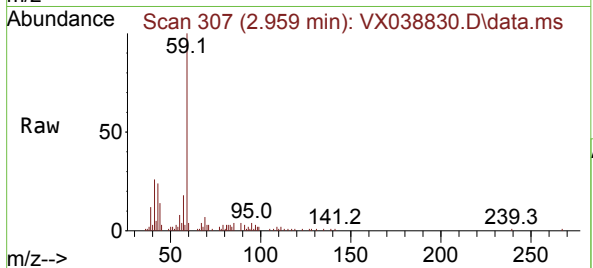




#11
Tert butyl alcohol
Concen: 26.284 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

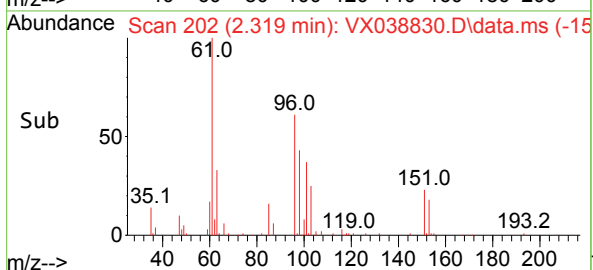
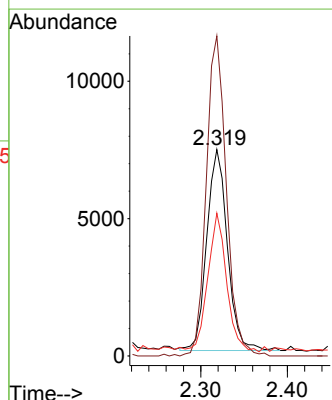
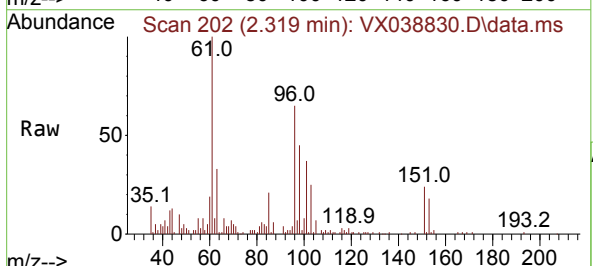
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

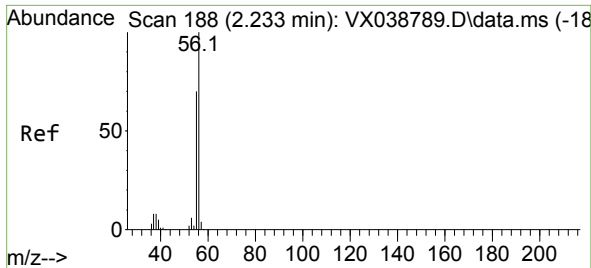
Tgt Ion: 59 Resp: 21984
Ion Ratio Lower Upper
59 100
57 15.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 5.224 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 96 Resp: 12152
Ion Ratio Lower Upper
96 100
61 159.2 144.6 216.8
98 67.3 50.4 75.6

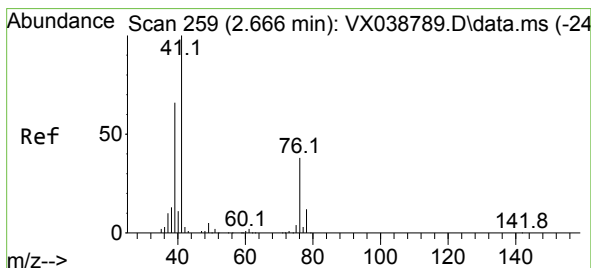
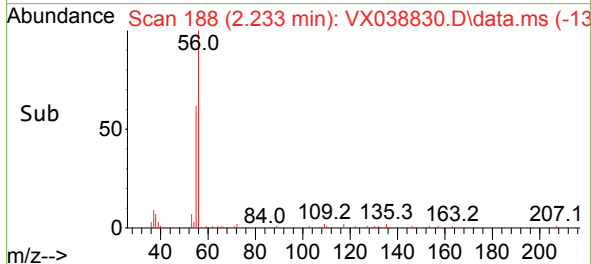
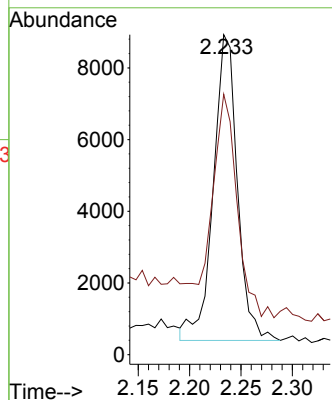
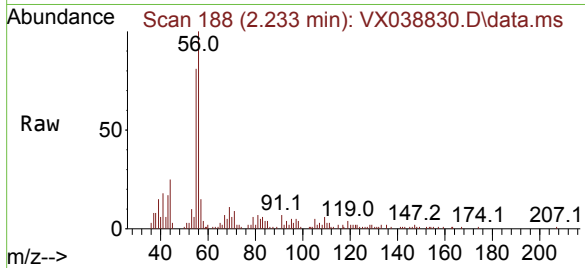




#13
Acrolein
Concen: 31.367 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

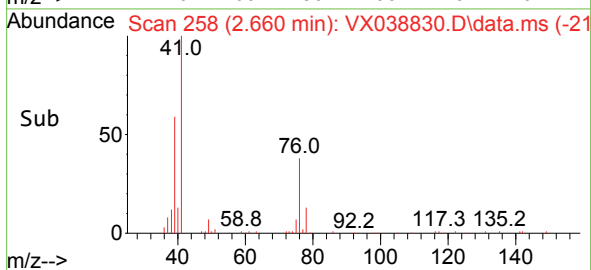
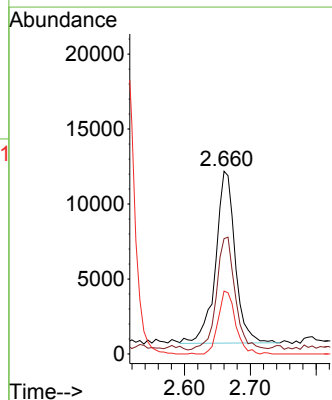
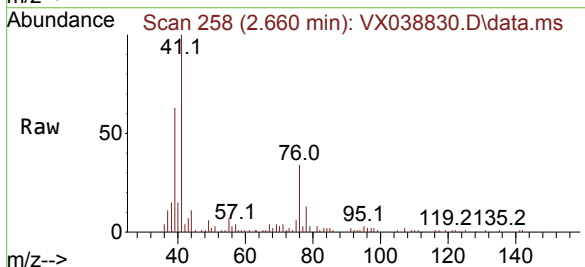
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

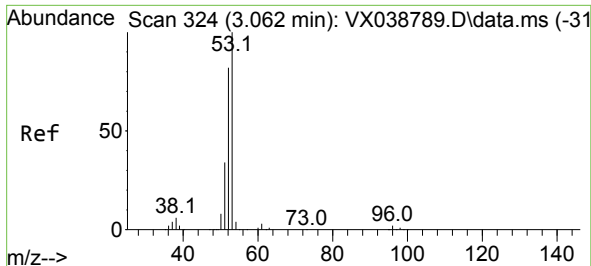
Tgt Ion: 56 Resp: 13880
Ion Ratio Lower Upper
56 100
55 73.0 57.1 85.7



#14
Allyl chloride
Concen: 5.112 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 41 Resp: 23808
Ion Ratio Lower Upper
41 100
39 63.0 55.8 83.6
76 32.1 24.3 36.5

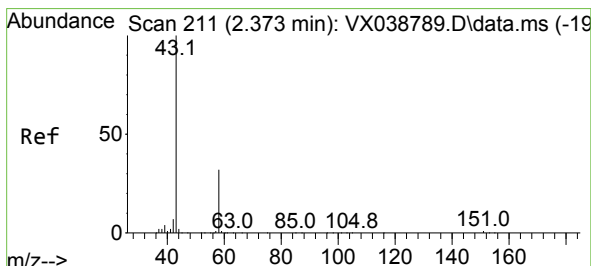
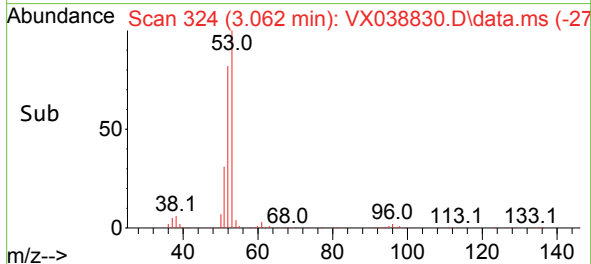
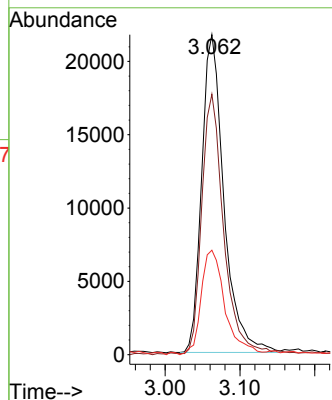
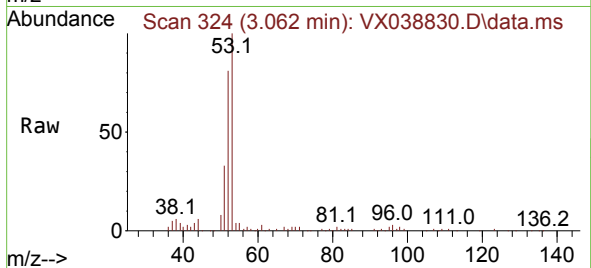




#15
Acrylonitrile
Concen: 25.334 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

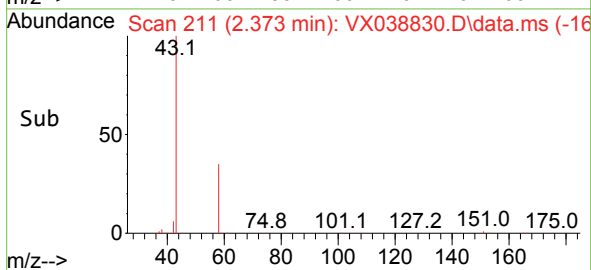
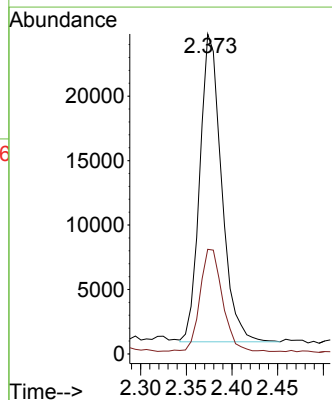
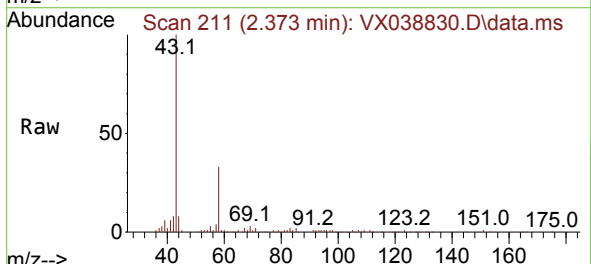
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

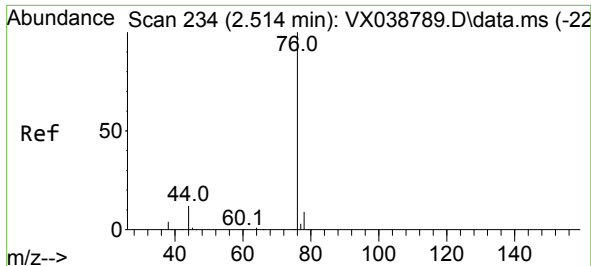
Tgt Ion: 53 Resp: 44773
Ion Ratio Lower Upper
53 100
52 79.9 66.0 99.0
51 35.3 29.8 44.6



#16
Acetone
Concen: 24.706 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 43 Resp: 39551
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#

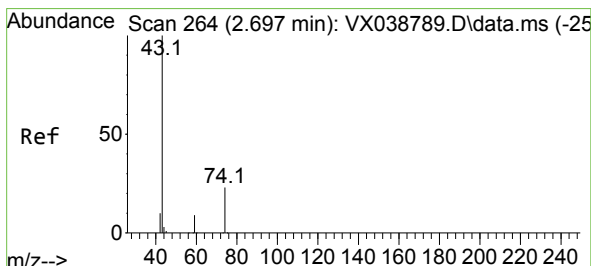
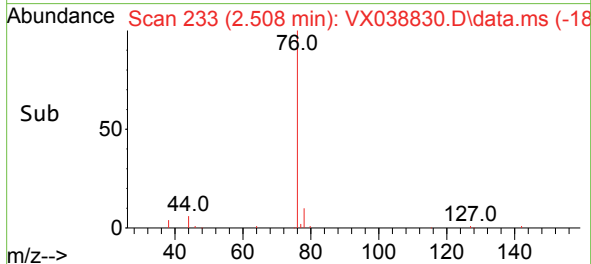
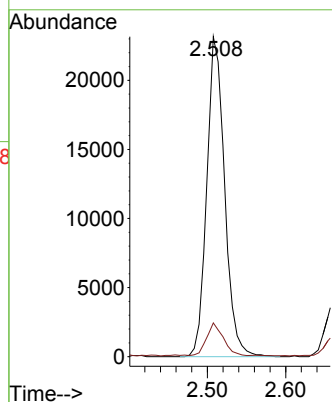
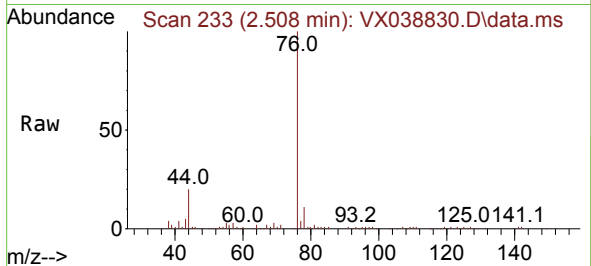




#17
Carbon Disulfide
Concen: 5.086 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

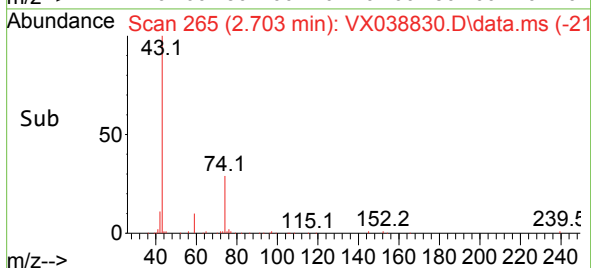
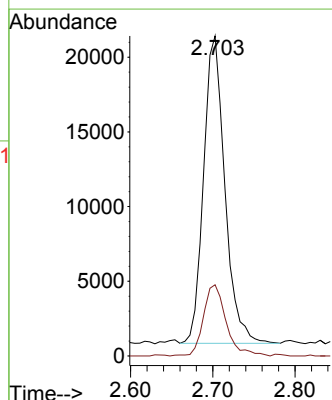
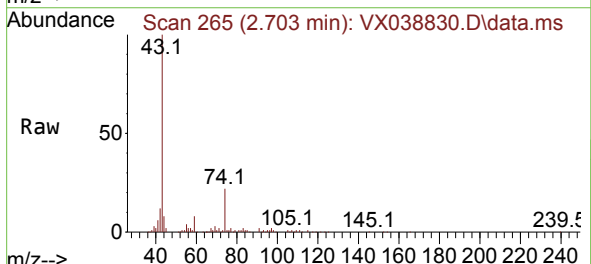
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

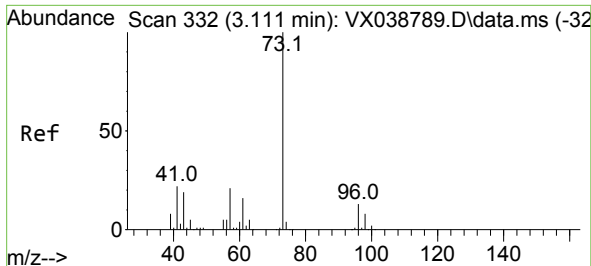
Tgt Ion: 76 Resp: 36646
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6



#18
Methyl Acetate
Concen: 4.861 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 43 Resp: 36964
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.8

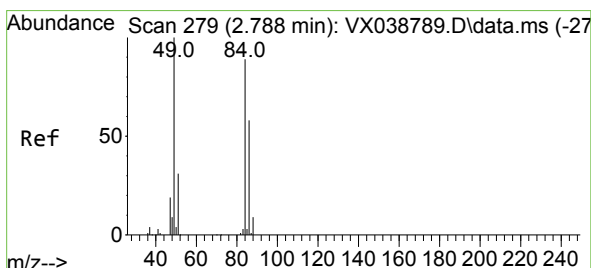
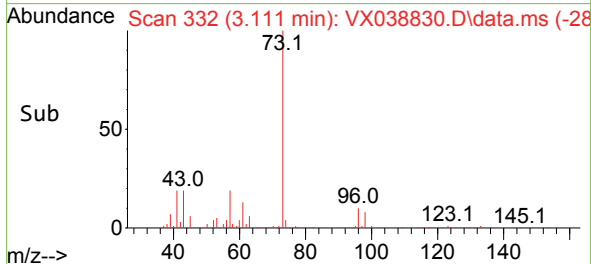
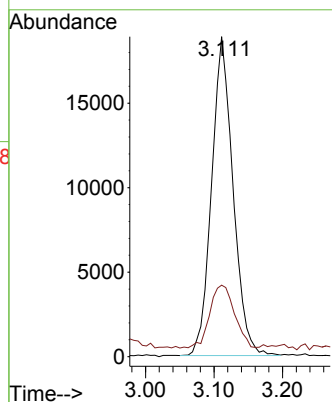
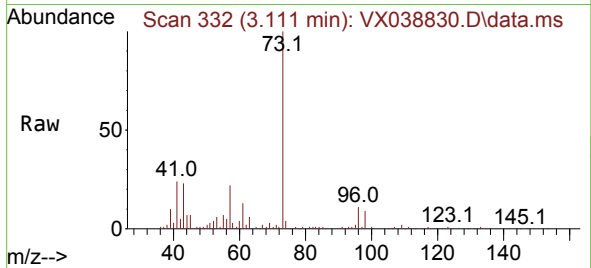




#19
Methyl tert-butyl Ether
Concen: 5.018 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

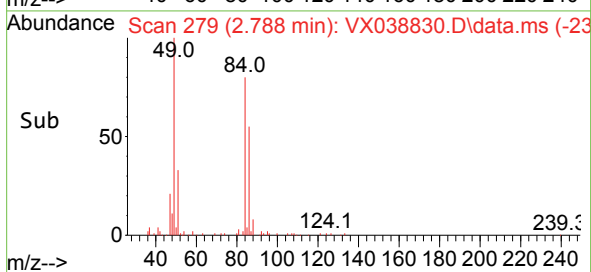
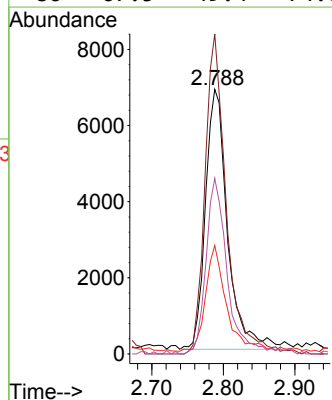
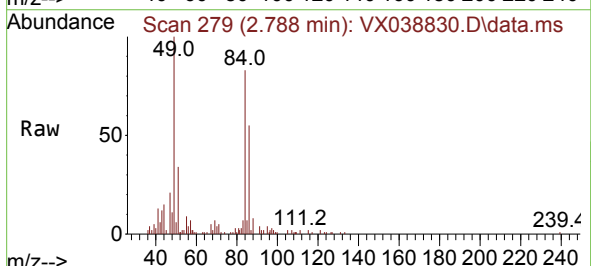
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

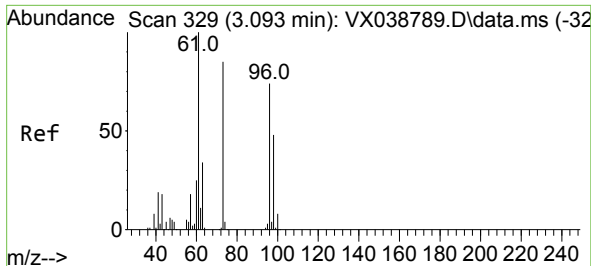
Tgt Ion: 73 Resp: 41053
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9



#20
Methylene Chloride
Concen: 5.088 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 84 Resp: 14683
Ion Ratio Lower Upper
84 100
49 123.1 103.6 155.4
51 40.7 33.8 50.6
86 67.5 49.4 74.0

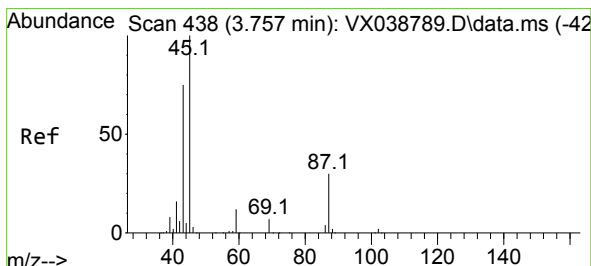
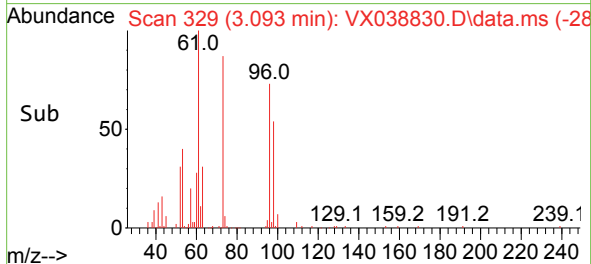
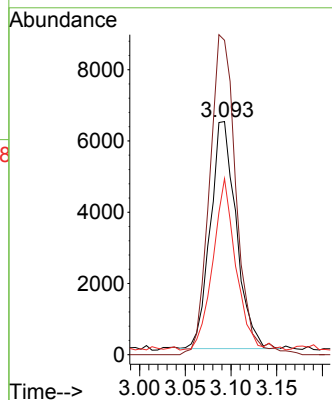
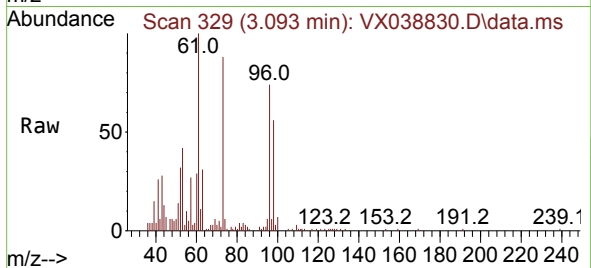




#21
trans-1,2-Dichloroethene
Concen: 4.907 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

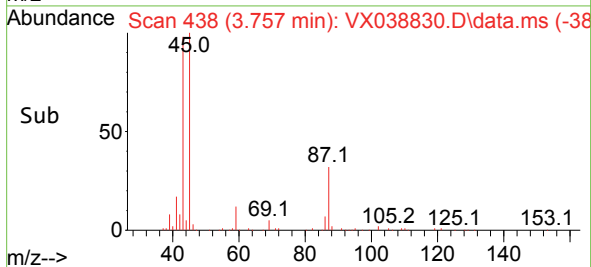
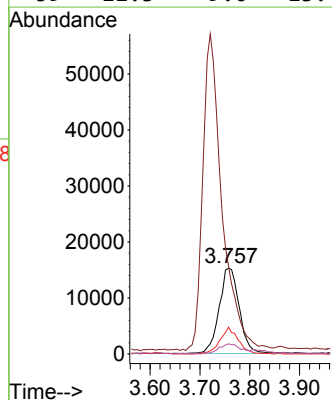
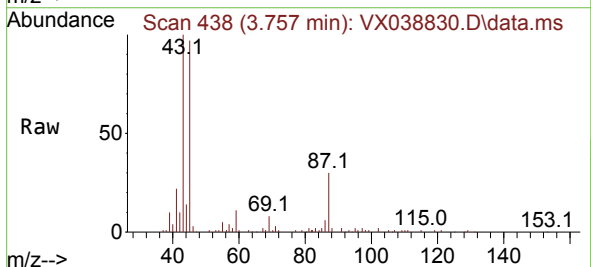
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

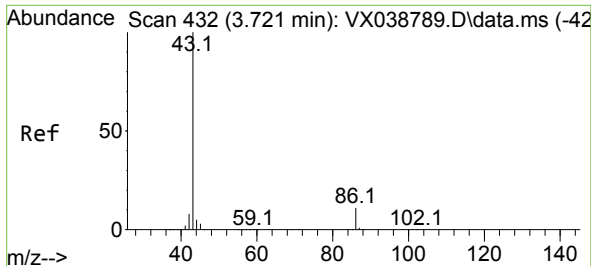
Tgt Ion: 96 Resp: 12595
Ion Ratio Lower Upper
96 100
61 138.5 119.2 178.8
98 75.5 48.7 73.1#



#22
Diisopropyl ether
Concen: 5.007 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 45 Resp: 42777
Ion Ratio Lower Upper
45 100
43 99.3 69.7 104.5
87 31.5 20.8 31.2#
59 11.3 9.0 13.4

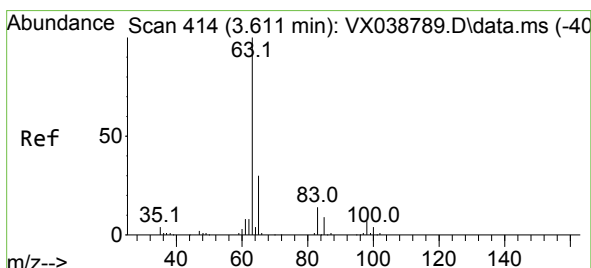
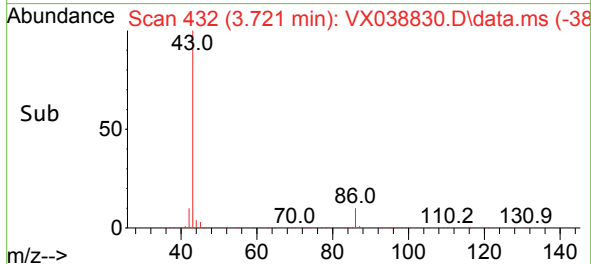
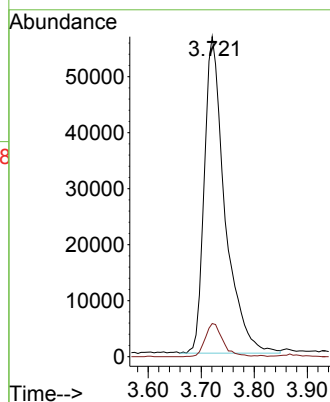
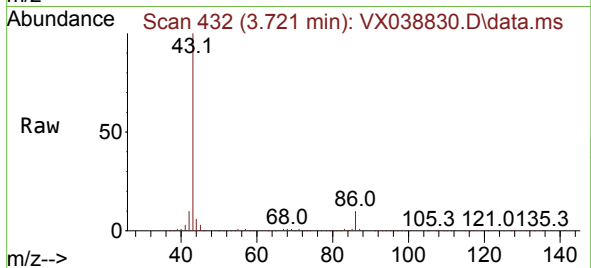




#23
 Vinyl Acetate
 Concen: 24.890 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038830.D
 Acq: 16 Nov 2023 10:11

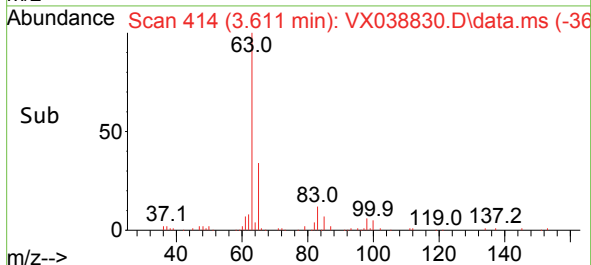
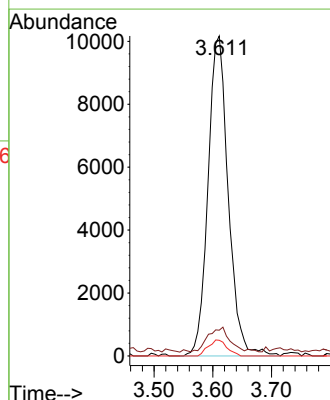
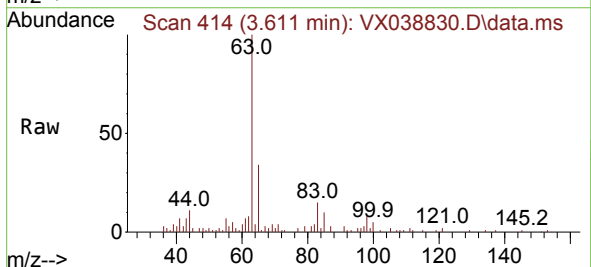
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

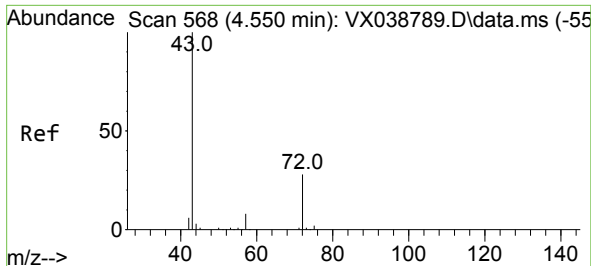
Tgt Ion: 43 Resp: 153154
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 5.093 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038830.D
 Acq: 16 Nov 2023 10:11

Tgt Ion: 63 Resp: 24332
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.9 2.1 6.5

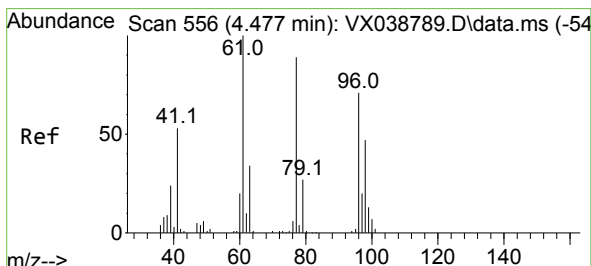
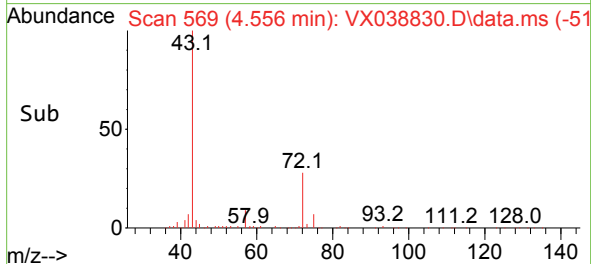
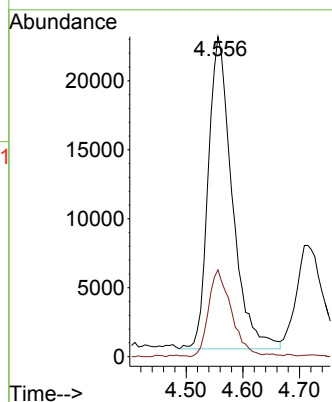
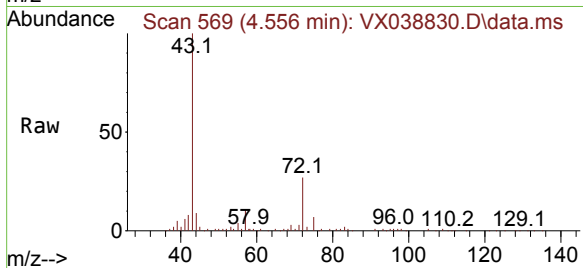




#25
2-Butanone
Concen: 25.494 ug/l
RT: 4.556 min Scan# 501
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

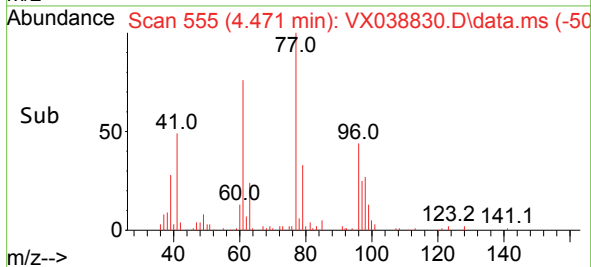
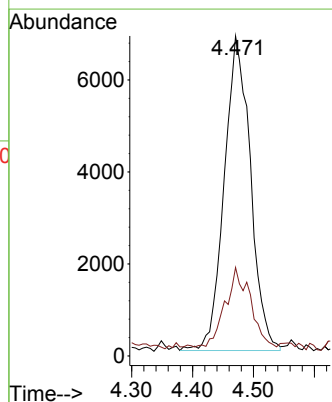
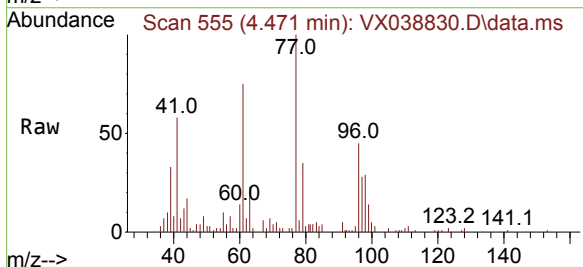
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

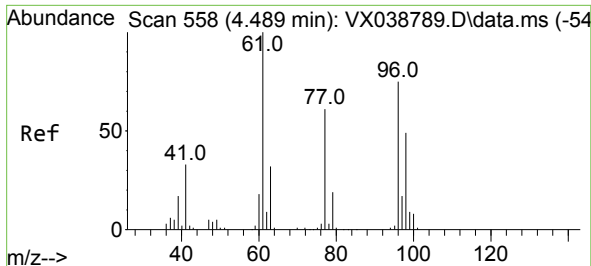
Tgt Ion: 43 Resp: 66182
Ion Ratio Lower Upper
43 100
72 27.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 4.933 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 77 Resp: 20442
Ion Ratio Lower Upper
77 100
97 24.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 4.881 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

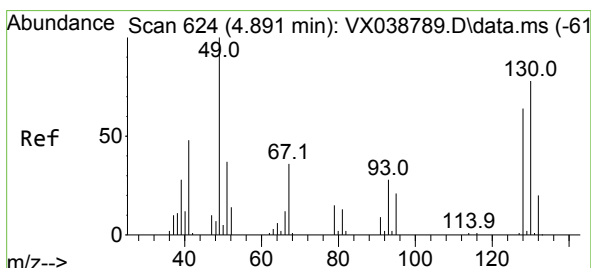
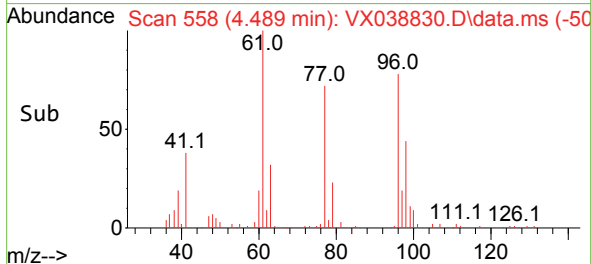
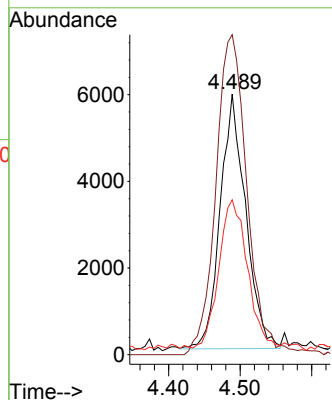
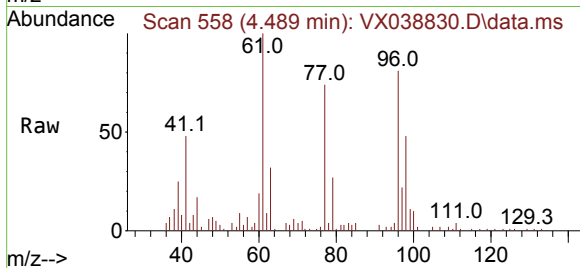
Tgt Ion: 96 Resp: 14603

Ion Ratio Lower Upper

96 100

61 153.7 0.0 312.2

98 64.7 0.0 129.0



#28

Bromochloromethane

Concen: 5.156 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

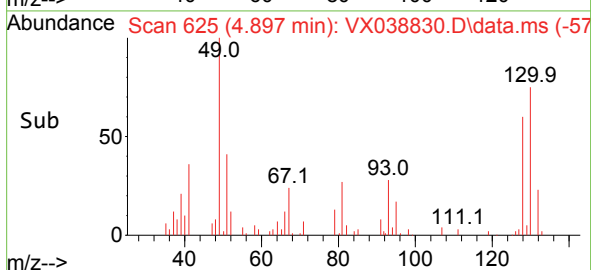
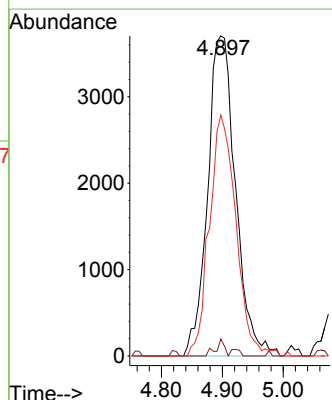
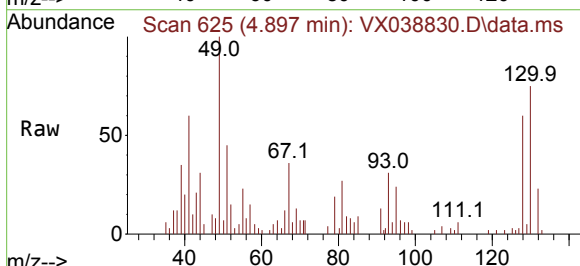
Tgt Ion: 49 Resp: 11828

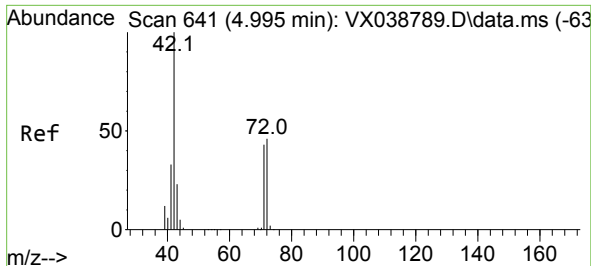
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 71.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 25.287 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

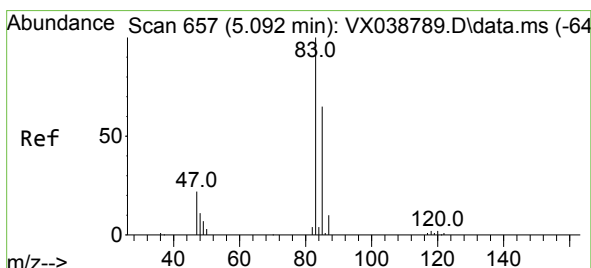
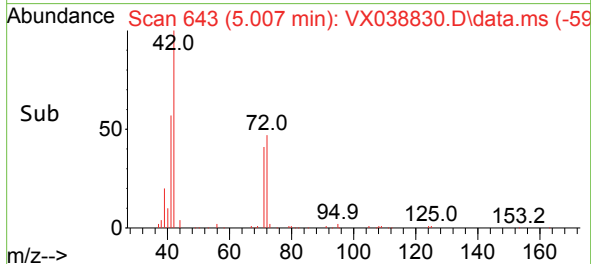
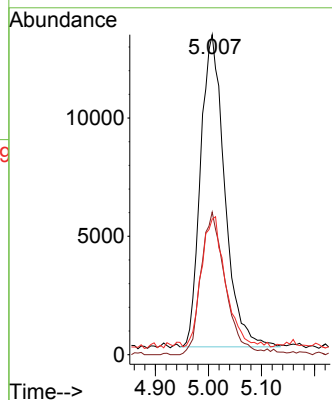
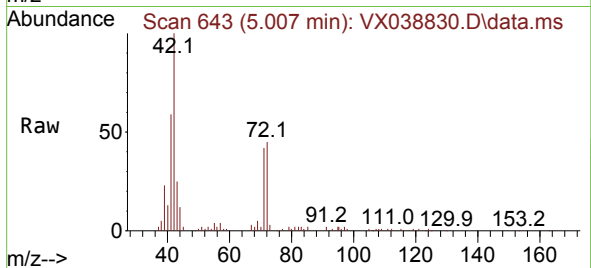
Tgt Ion: 42 Resp: 41681

Ion Ratio Lower Upper

42 100

72 46.0 34.2 51.4

71 41.7 32.2 48.2



#30

Chloroform

Concen: 5.067 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX038830.D

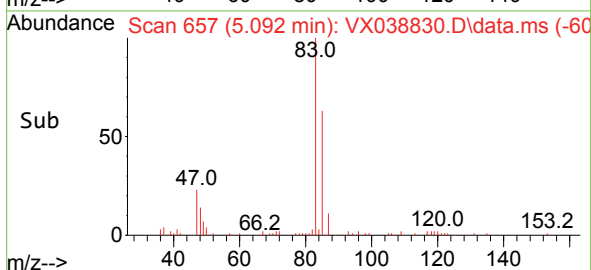
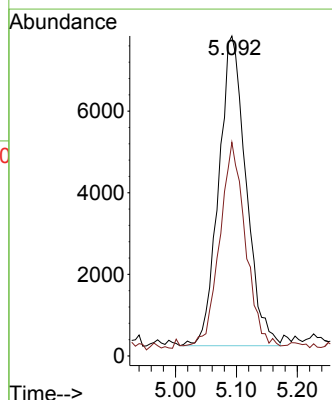
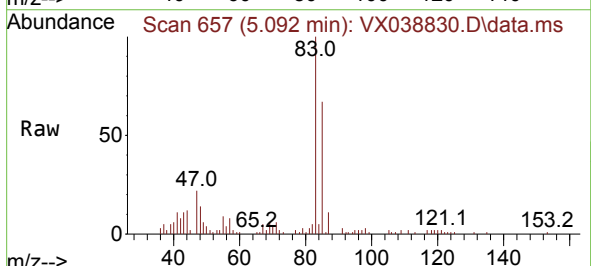
Acq: 16 Nov 2023 10:11

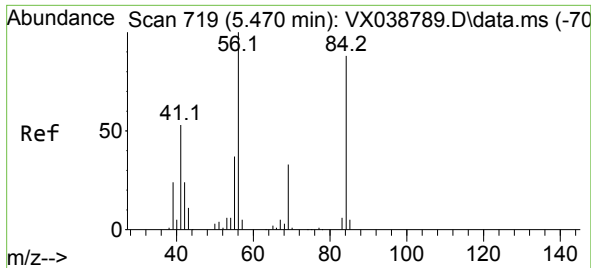
Tgt Ion: 83 Resp: 23638

Ion Ratio Lower Upper

83 100

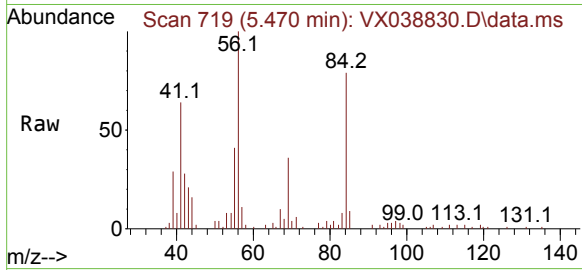
85 65.7 50.3 75.5



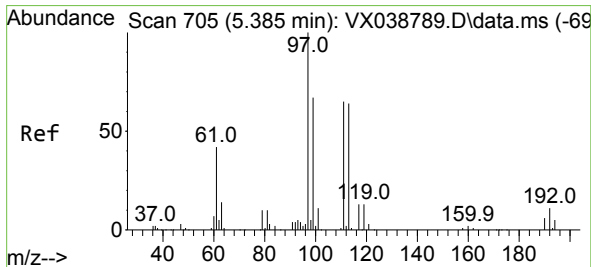
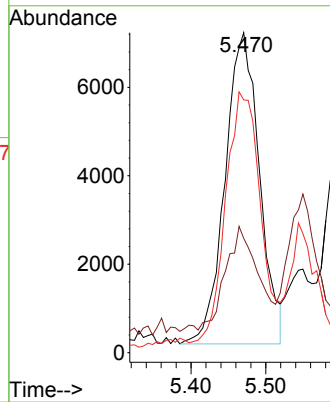
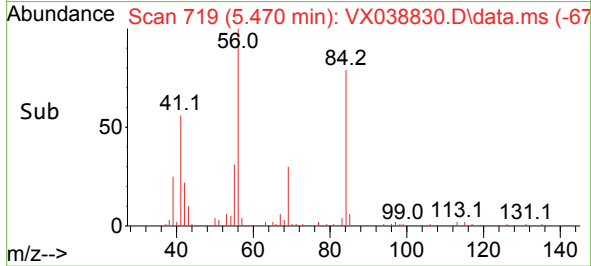


#31
Cyclohexane
Concen: 5.235 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

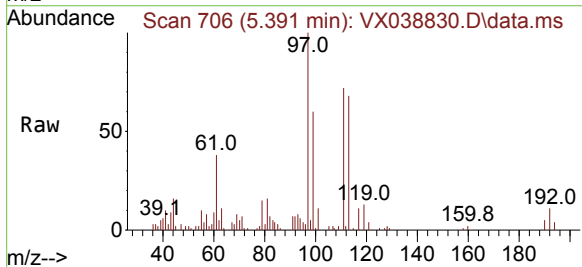
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



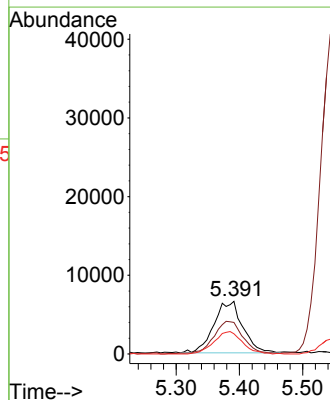
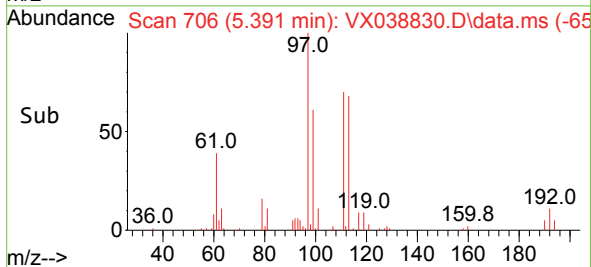
Tgt Ion: 56 Resp: 22475
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 76.5 65.9 98.9

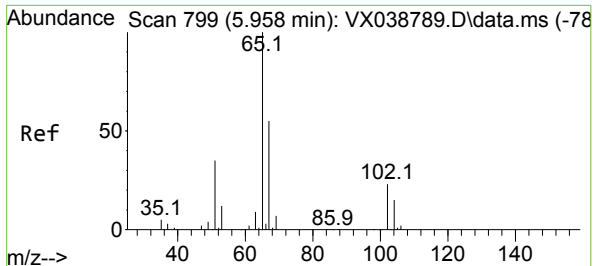


#32
1,1,1-Trichloroethane
Concen: 5.099 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11



Tgt Ion: 97 Resp: 20606
Ion Ratio Lower Upper
97 100
99 65.6 51.1 76.7
61 43.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.668 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

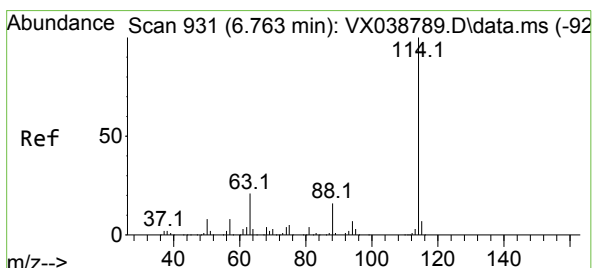
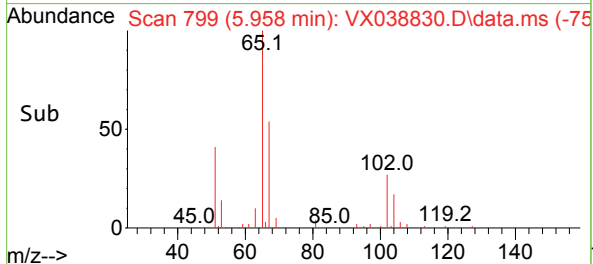
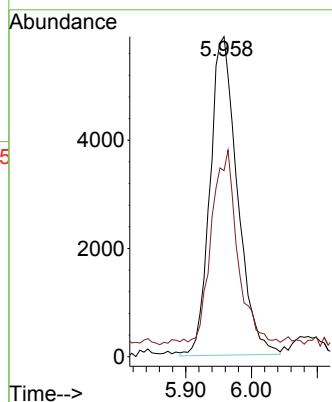
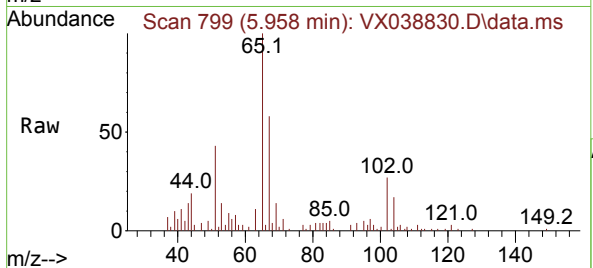
VSTDIC005

Tgt Ion: 65 Resp: 17046

Ion Ratio Lower Upper

65 100

67 57.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

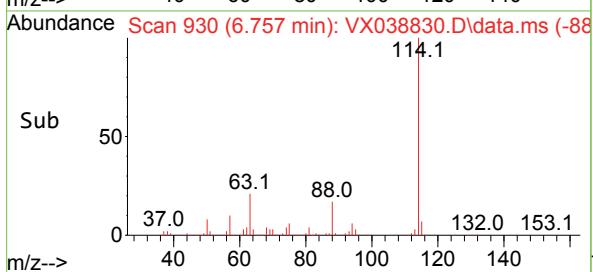
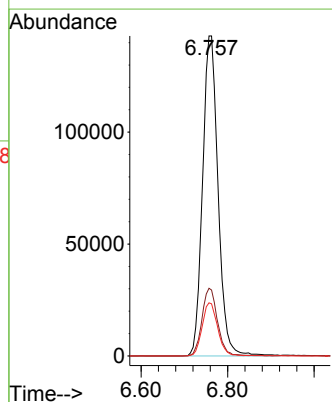
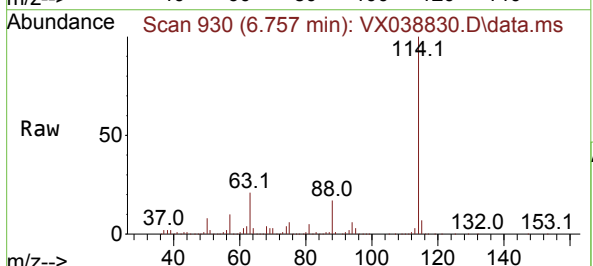
Tgt Ion: 114 Resp: 355264

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.661 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

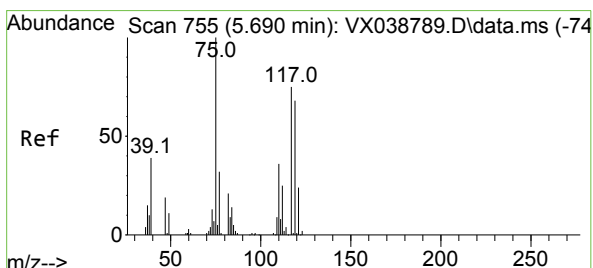
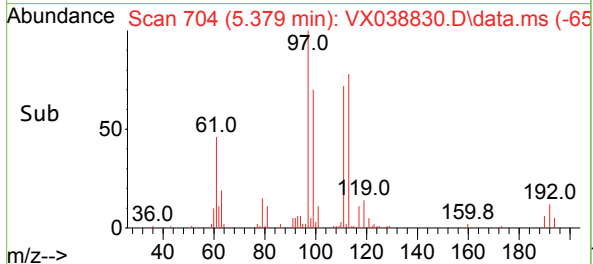
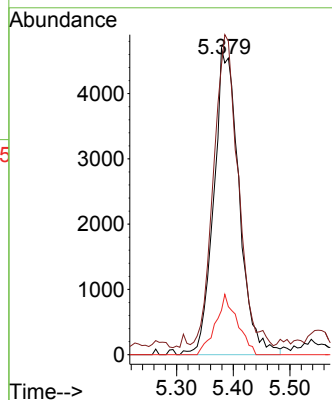
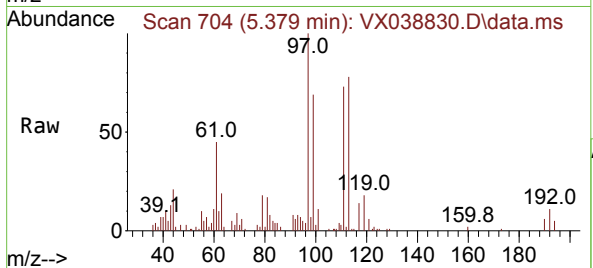
Tgt Ion:113 Resp: 14525

Ion Ratio Lower Upper

113 100

111 99.0 82.9 124.3

192 16.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.918 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

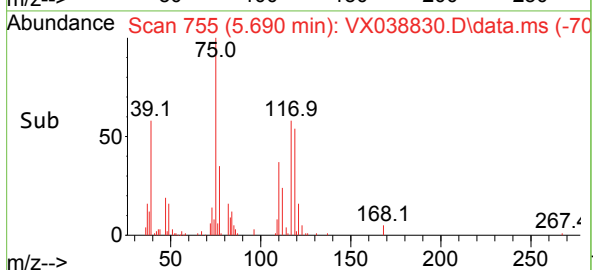
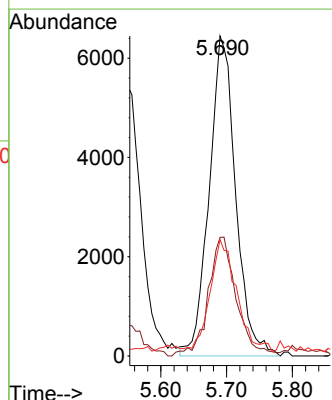
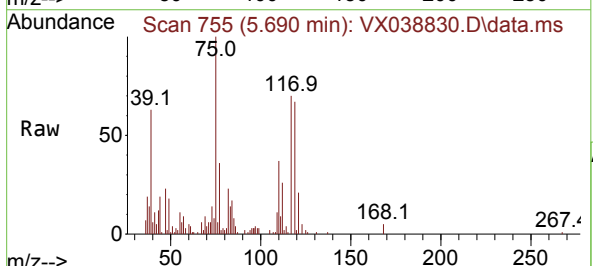
Tgt Ion: 75 Resp: 18084

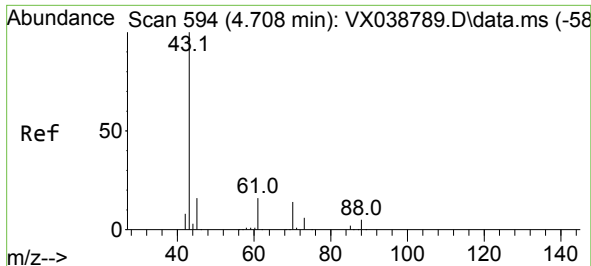
Ion Ratio Lower Upper

75 100

110 39.3 17.0 50.9

77 35.1 24.7 37.1





#37

Ethyl Acetate

Concen: 4.696 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

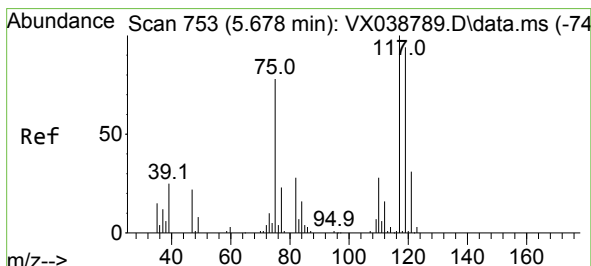
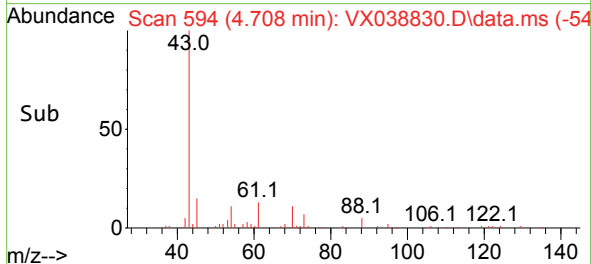
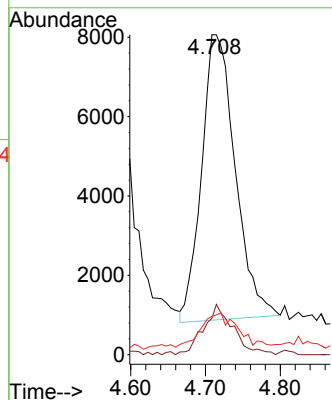
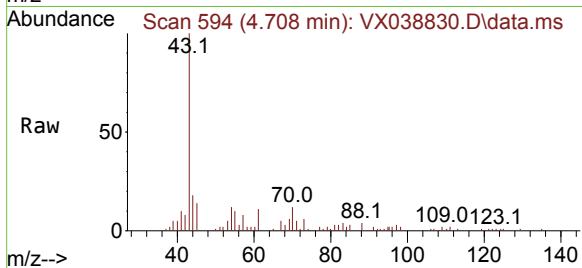
Tgt Ion: 43 Resp: 22499

Ion Ratio Lower Upper

43 100

61 15.4 10.6 16.0

70 13.8 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 4.918 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

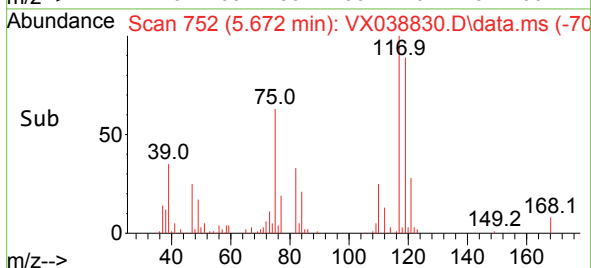
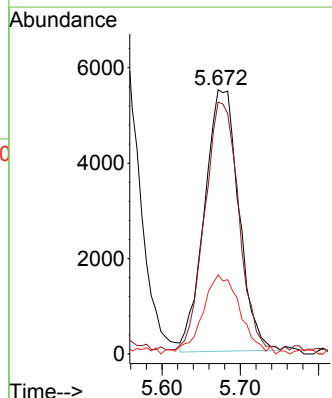
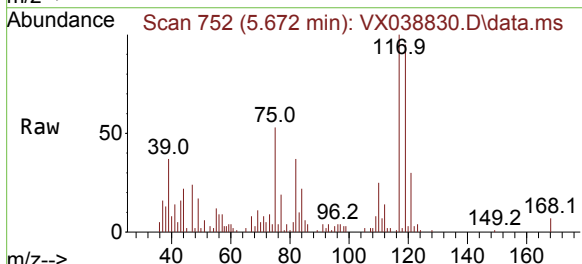
Tgt Ion: 117 Resp: 16715

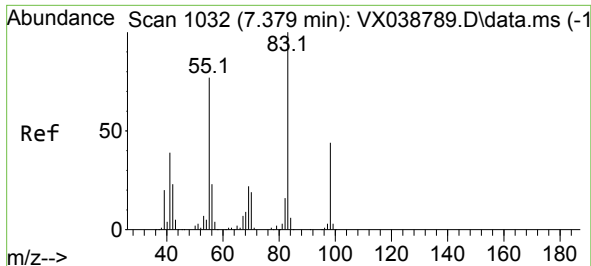
Ion Ratio Lower Upper

117 100

119 95.1 78.2 117.2

121 29.2 24.4 36.6





#39

Methylcyclohexane

Concen: 5.178 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

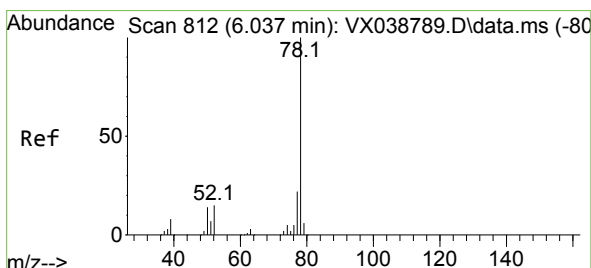
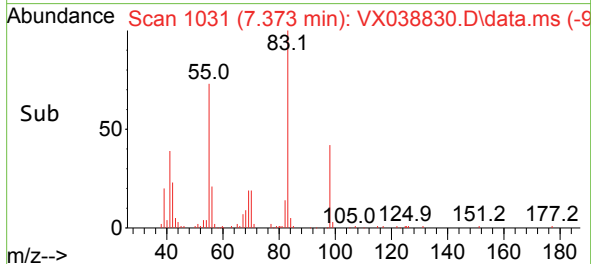
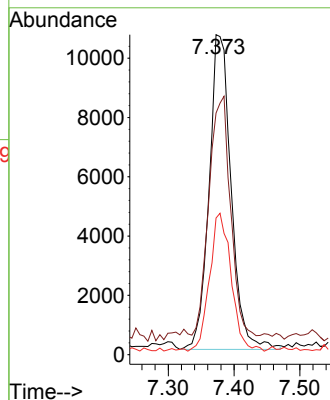
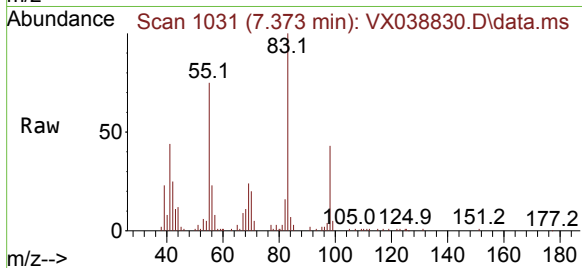
Tgt Ion: 83 Resp: 24837

Ion Ratio Lower Upper

83 100

55 70.6 64.6 97.0

98 41.8 36.7 55.1



#40

Benzene

Concen: 4.967 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX038830.D

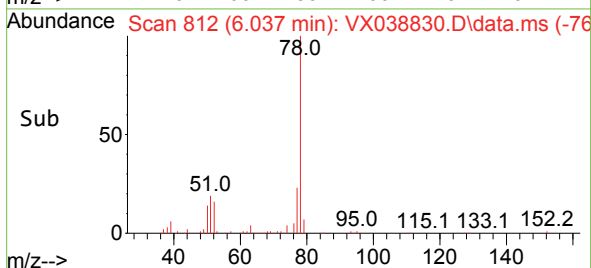
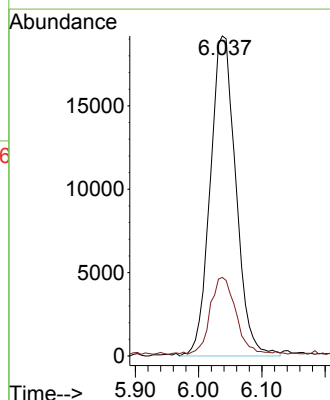
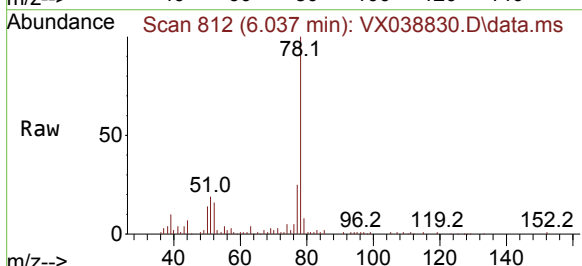
Acq: 16 Nov 2023 10:11

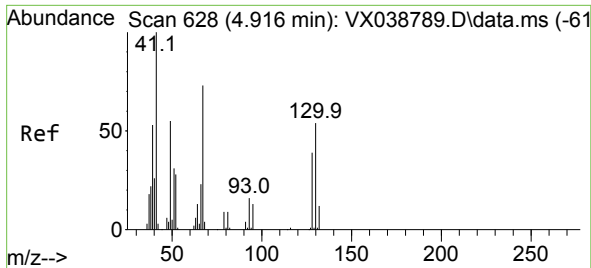
Tgt Ion: 78 Resp: 54023

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

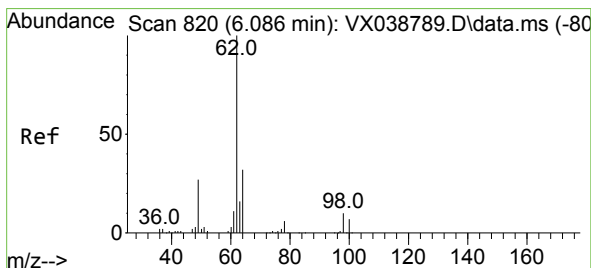
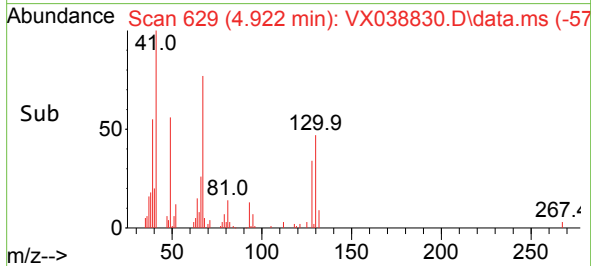
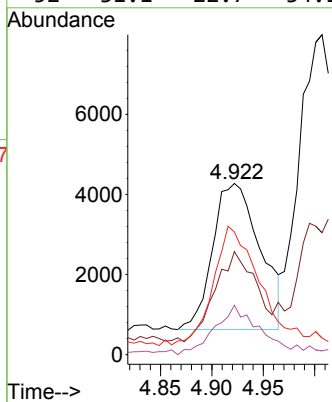
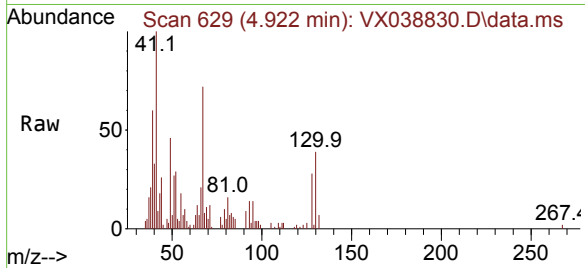




#41
Methacrylonitrile
Concen: 4.697 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

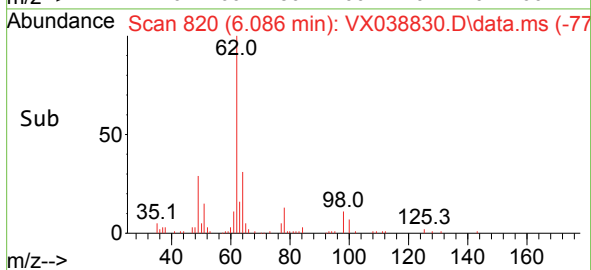
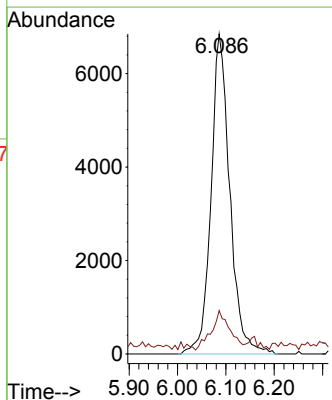
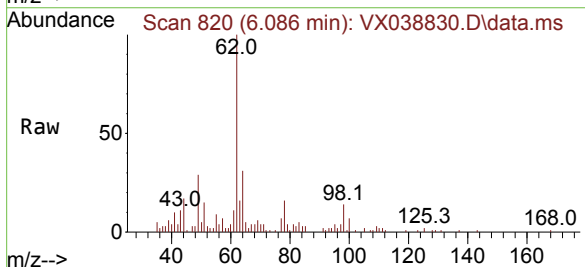
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

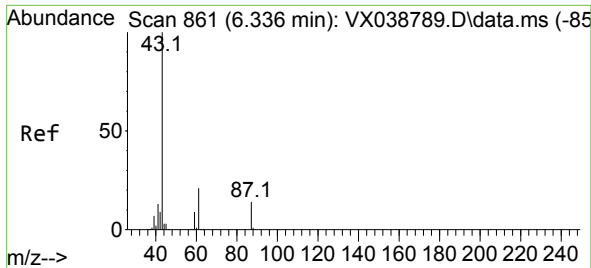
Tgt Ion:	41	Resp:	11672
Ion	Ratio	Lower	Upper
41	100		
39	53.2	45.2	67.8
67	79.3	52.6	78.8
52	31.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 5.130 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion:	62	Resp:	18485
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	16.0

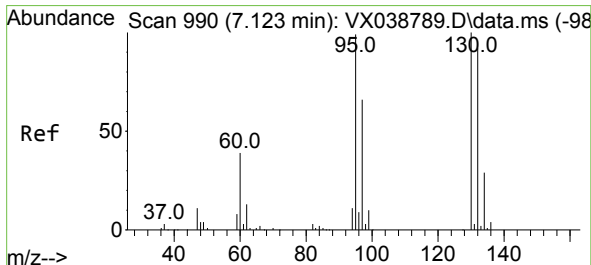
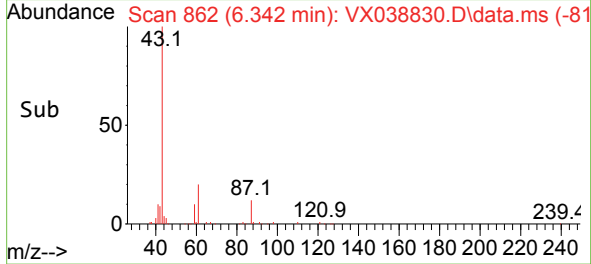
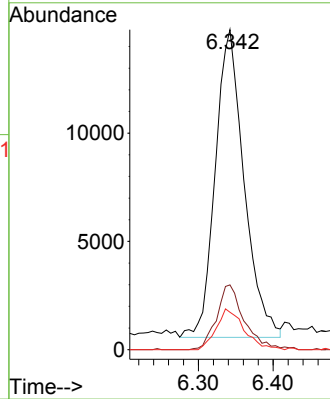
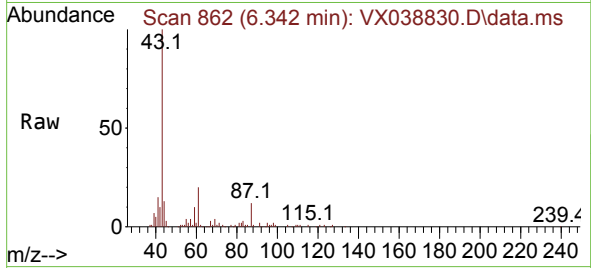




#43
Isopropyl Acetate
Concen: 4.981 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

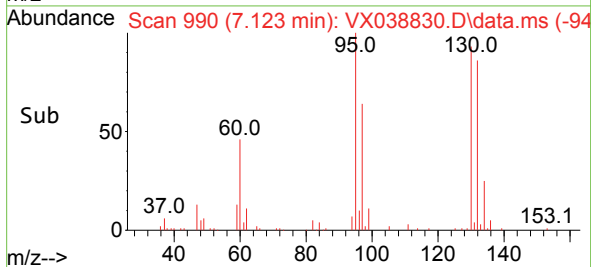
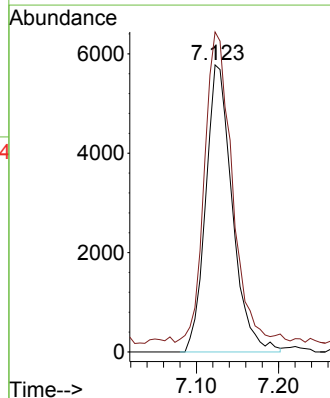
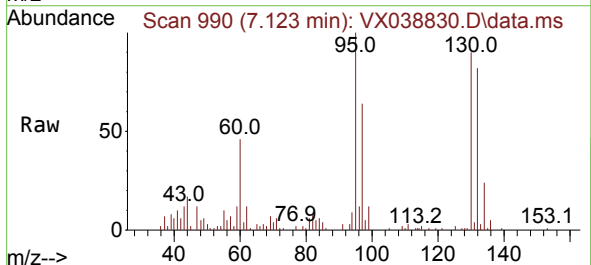
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

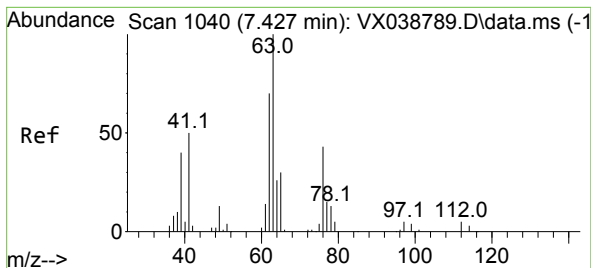
Tgt Ion: 43 Resp: 38137
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 12.8 9.8 14.6



#44
Trichloroethene
Concen: 4.898 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion:130 Resp: 12967
Ion Ratio Lower Upper
130 100
95 107.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.704 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

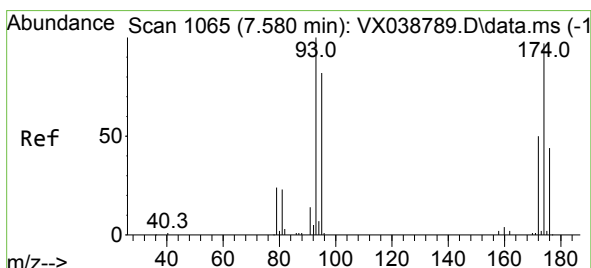
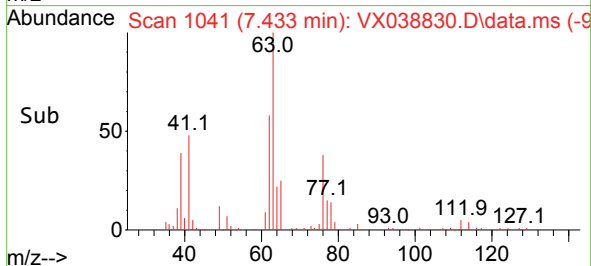
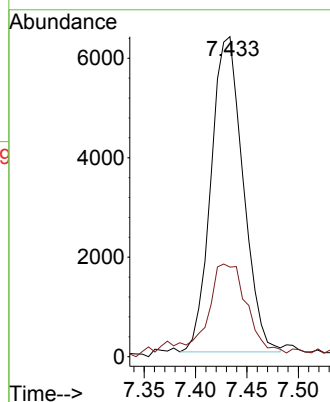
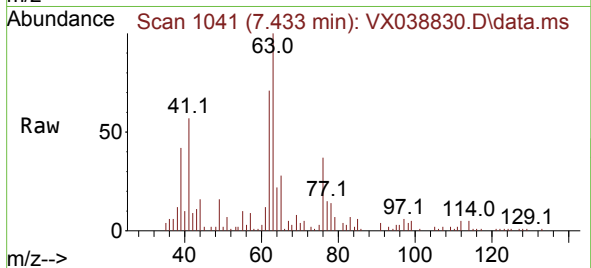
VSTDIC005

Tgt Ion: 63 Resp: 13770

Ion Ratio Lower Upper

63 100

65 26.1 24.3 36.5



#46

Dibromomethane

Concen: 4.892 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

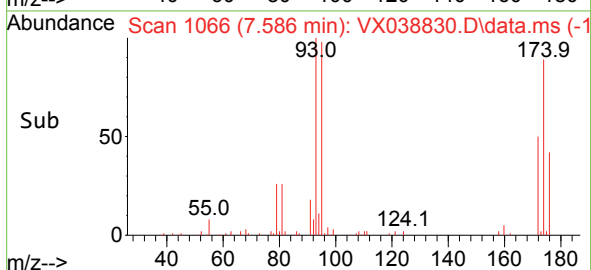
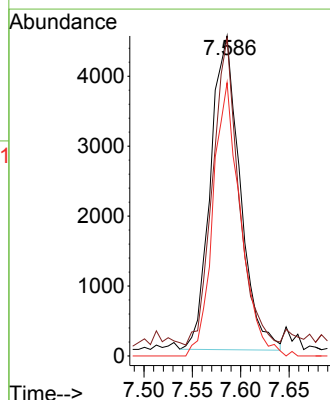
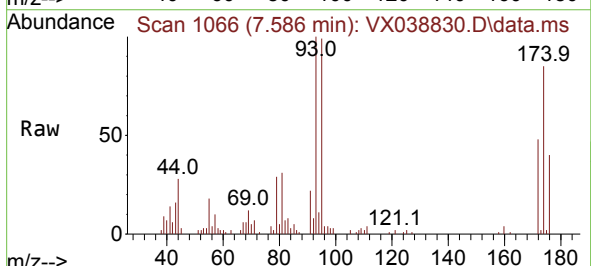
Tgt Ion: 93 Resp: 9549

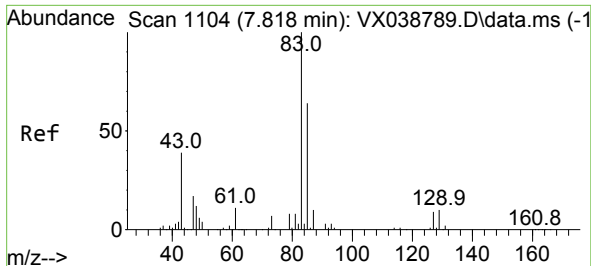
Ion Ratio Lower Upper

93 100

95 86.2 66.6 100.0

174 81.1 69.4 104.0

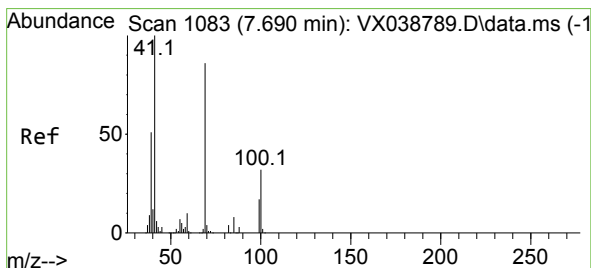
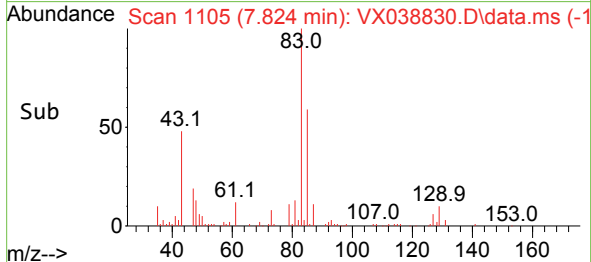
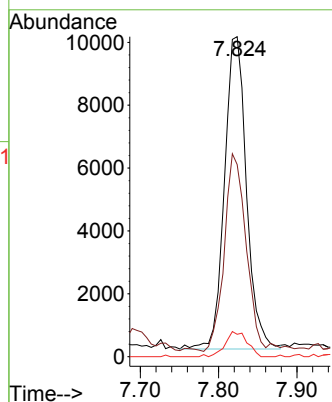
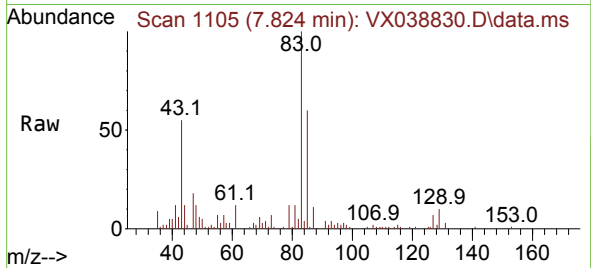




#47
Bromodichloromethane
Concen: 5.015 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

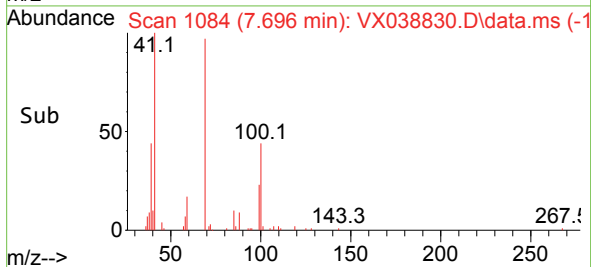
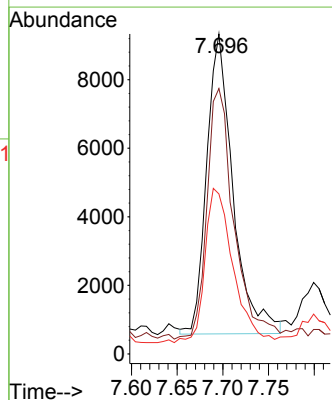
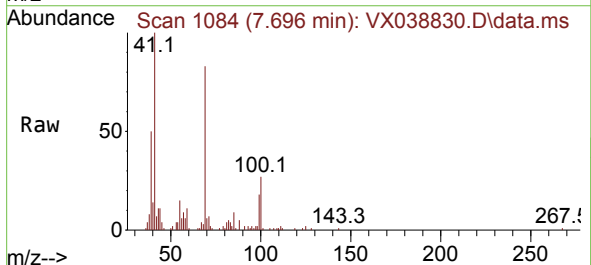
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

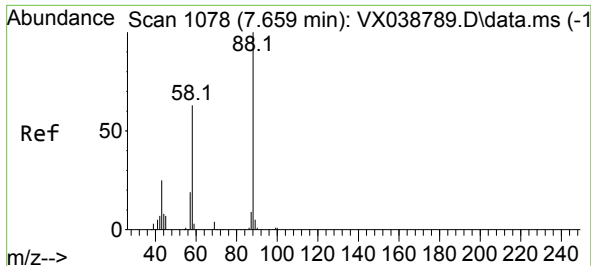
Tgt Ion: 83 Resp: 19427
Ion Ratio Lower Upper
83 100
85 59.6 49.8 74.6
127 7.2 7.1 10.7



#48
Methyl methacrylate
Concen: 4.713 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 41 Resp: 17509
Ion Ratio Lower Upper
41 100
69 86.7 59.2 88.8
39 54.9 47.7 71.5

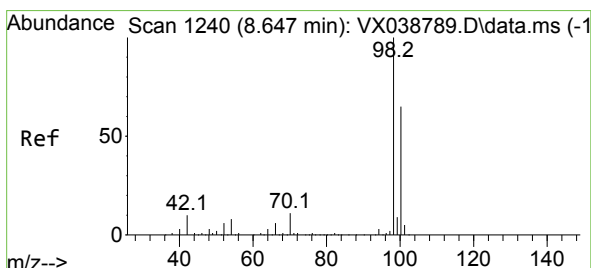
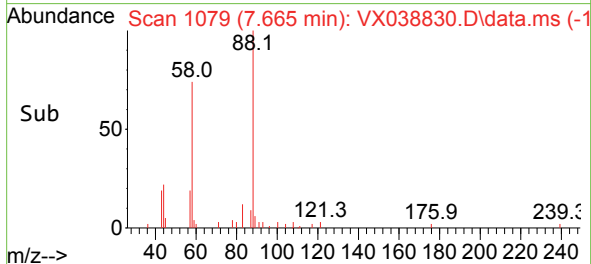
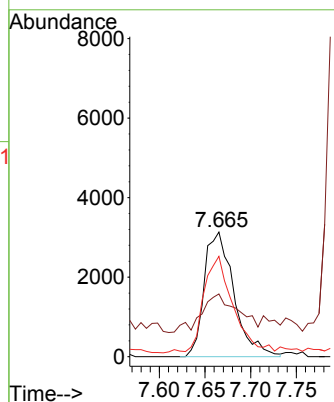
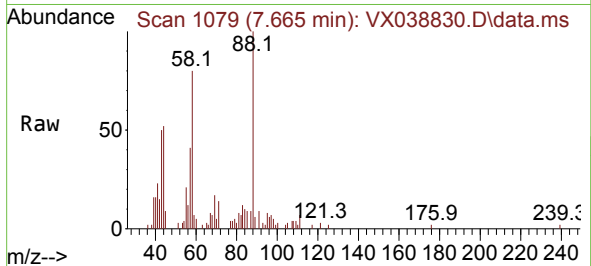




#49
1,4-Dioxane
Concen: 98.439 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

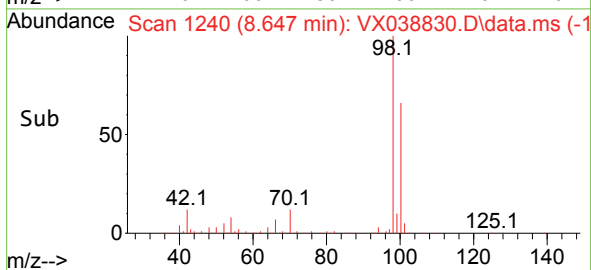
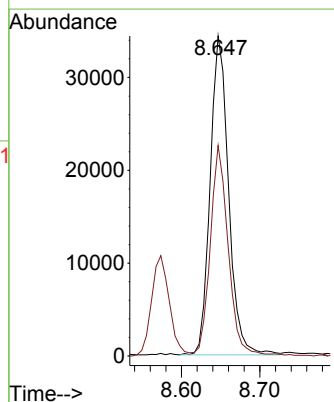
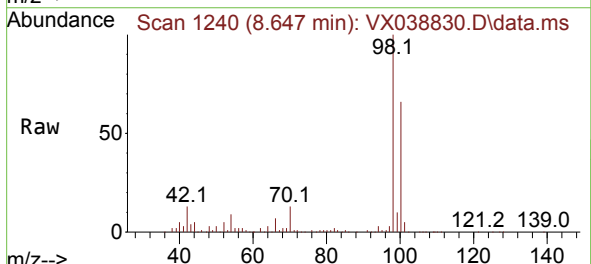
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

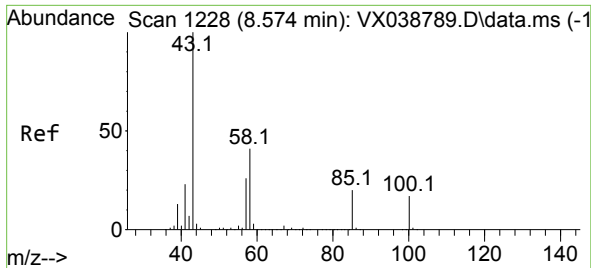
Tgt Ion: 88 Resp: 7075
Ion Ratio Lower Upper
88 100
43 38.2 0.0 0.0#
58 76.5 60.1 90.1



#50
Toluene-d8
Concen: 5.710 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 98 Resp: 56050
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

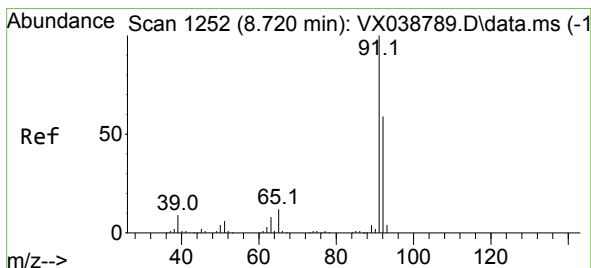
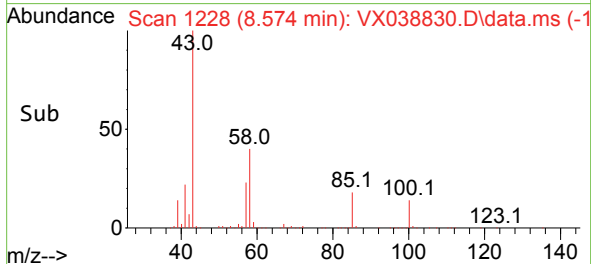
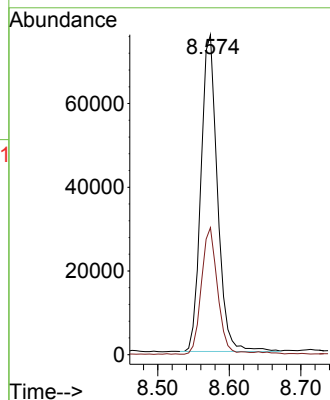
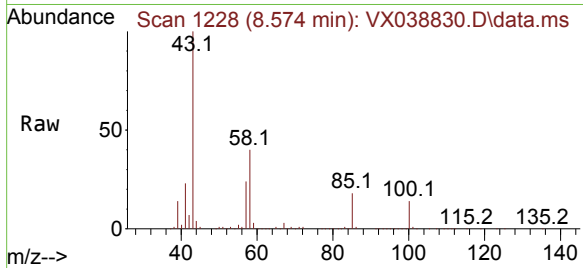




#51
4-Methyl-2-Pentanone
Concen: 24.777 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

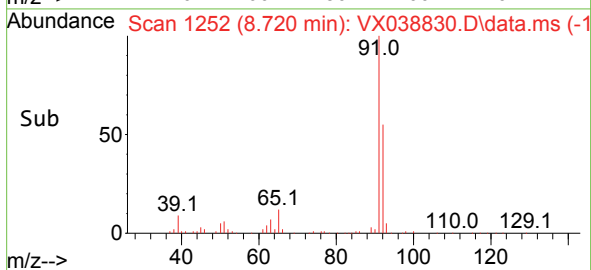
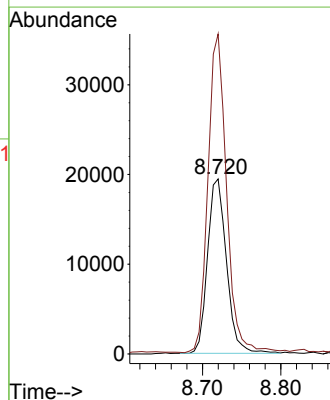
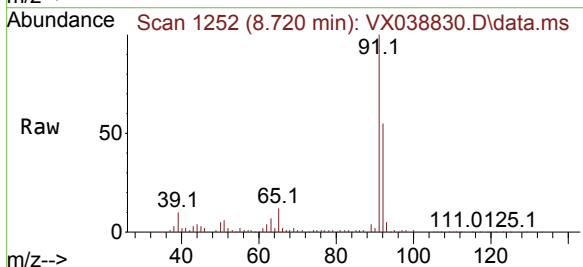
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

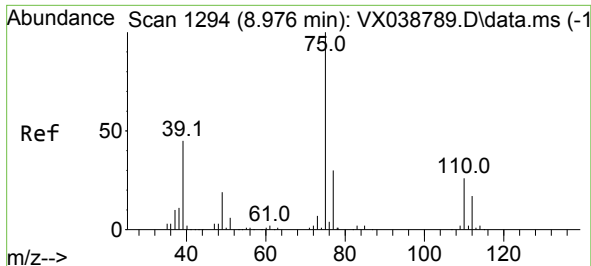
Tgt Ion: 43 Resp: 121235
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6



#52
Toluene
Concen: 4.836 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 92 Resp: 32643
Ion Ratio Lower Upper
92 100
91 179.4 134.2 201.2

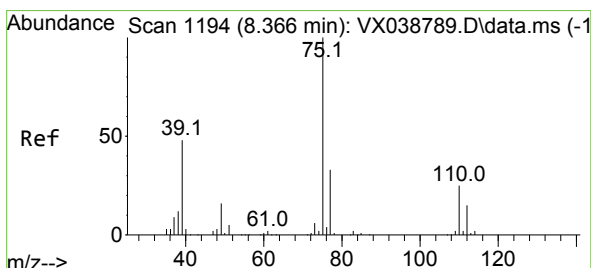
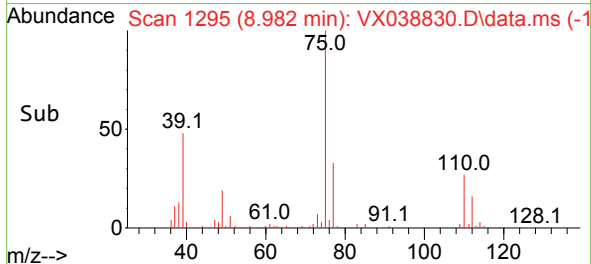
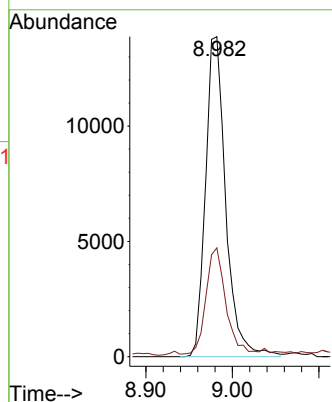
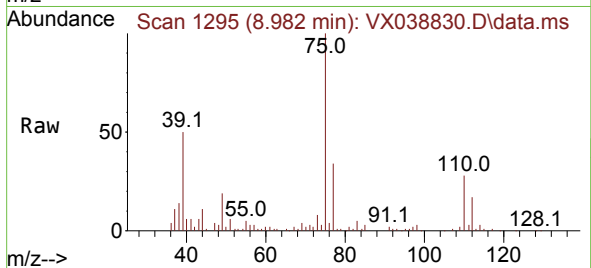




#53
t-1,3-Dichloropropene
Concen: 4.891 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

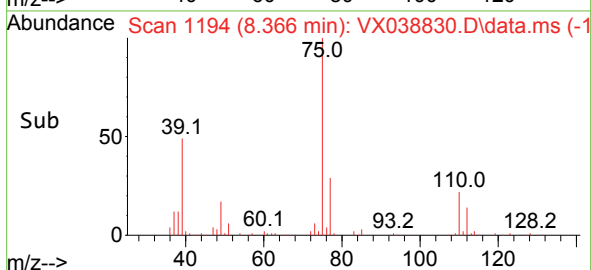
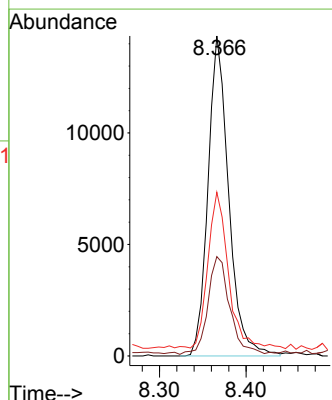
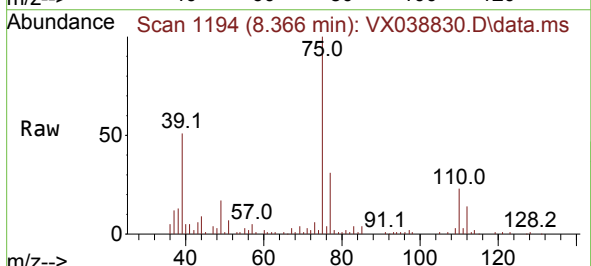
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

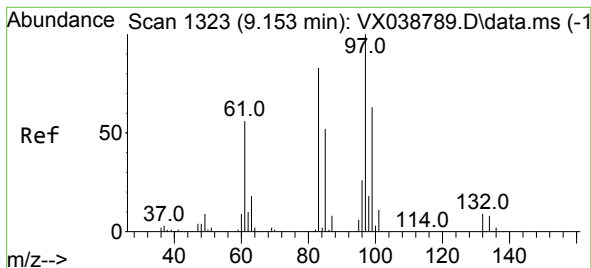
Tgt Ion: 75 Resp: 22517
Ion Ratio Lower Upper
75 100
77 33.2 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 5.008 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 75 Resp: 23816
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 48.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 4.838 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 97 Resp: 13626

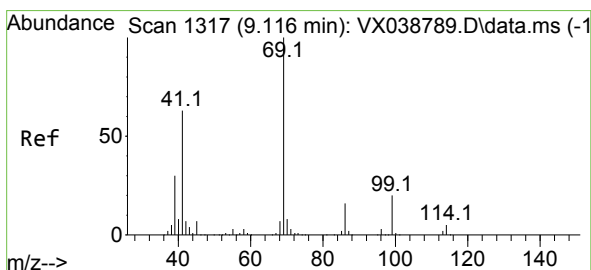
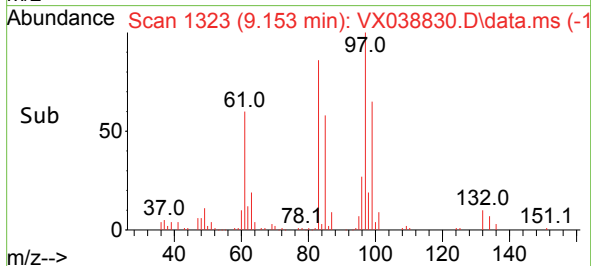
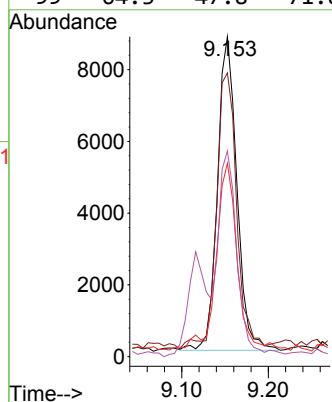
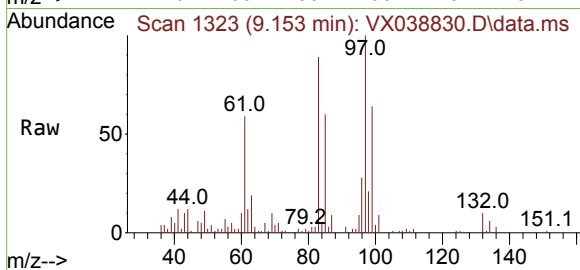
Ion Ratio Lower Upper

97 100

83 88.0 65.8 98.8

85 58.9 41.6 62.4

99 64.3 47.8 71.8



#56

Ethyl methacrylate

Concen: 5.004 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

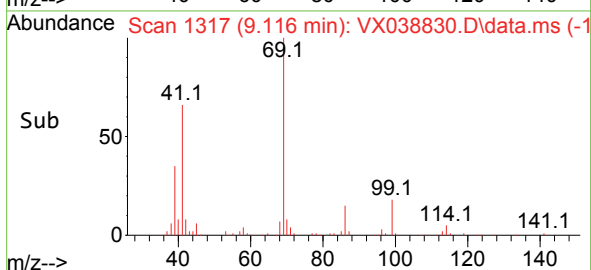
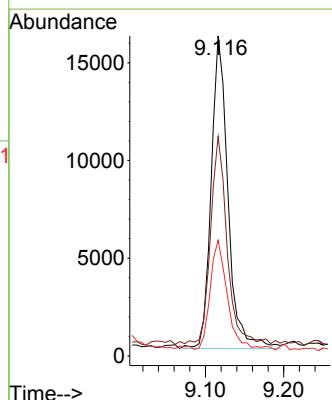
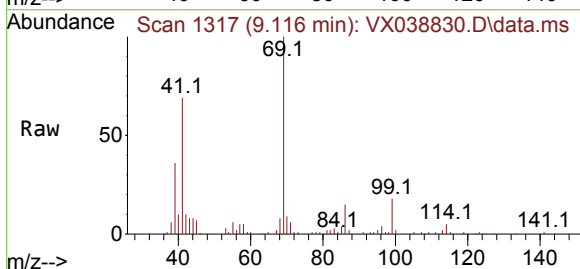
Tgt Ion: 69 Resp: 23845

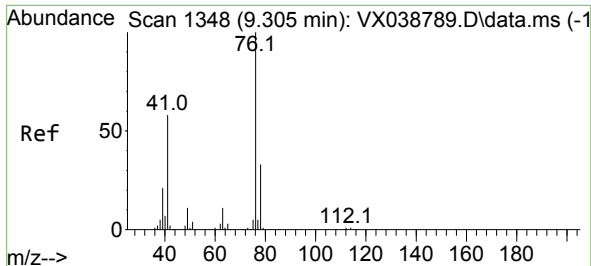
Ion Ratio Lower Upper

69 100

41 67.7 56.8 85.2

39 36.4 32.0 48.0





#57

1,3-Dichloropropane

Concen: 4.965 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

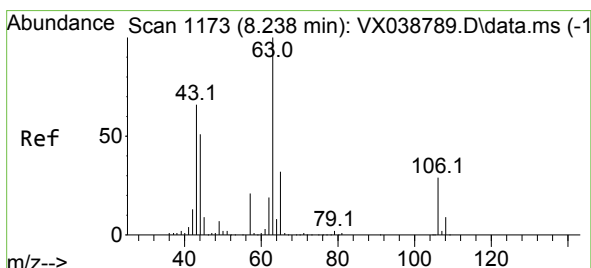
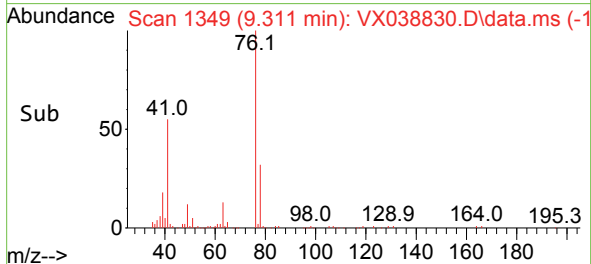
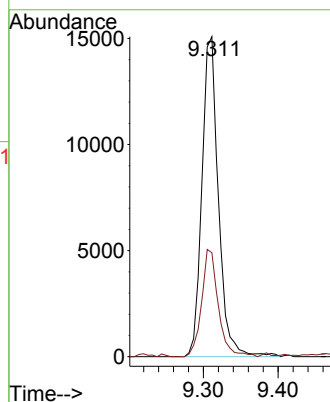
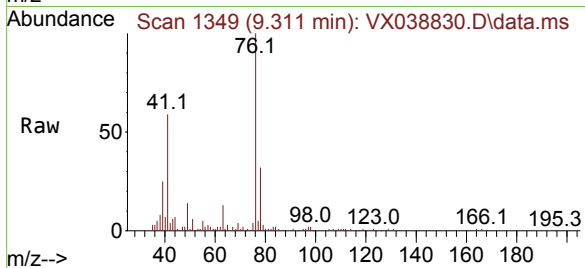
VSTDIC005

Tgt Ion: 76 Resp: 23123

Ion Ratio Lower Upper

76 100

78 33.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 26.556 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX038830.D

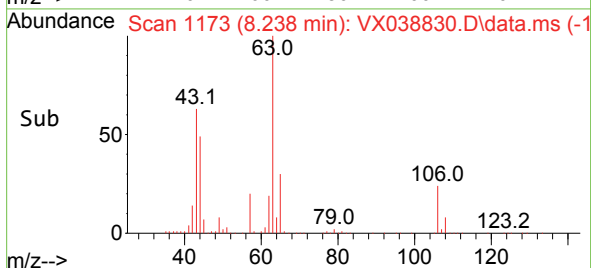
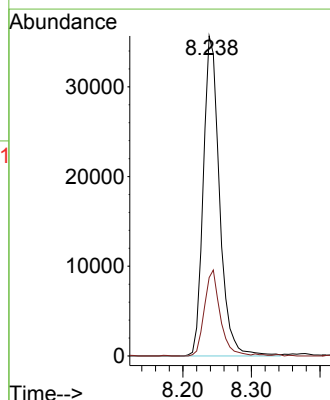
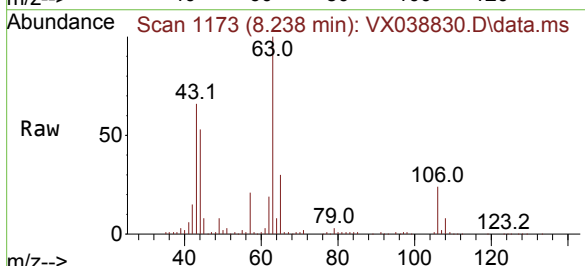
Acq: 16 Nov 2023 10:11

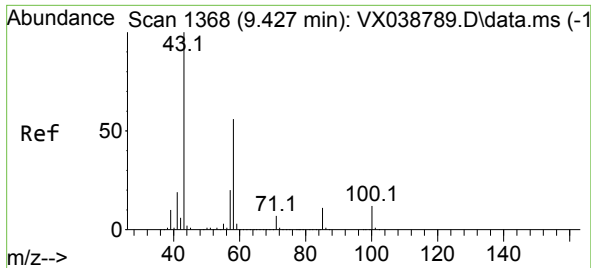
Tgt Ion: 63 Resp: 58947

Ion Ratio Lower Upper

63 100

106 26.0 22.5 33.7

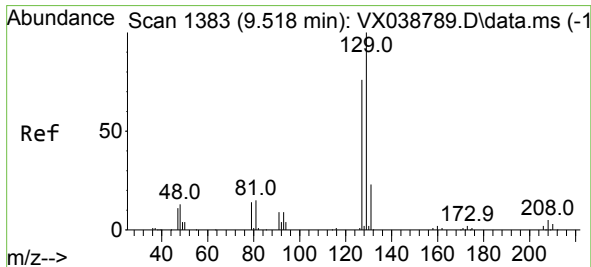
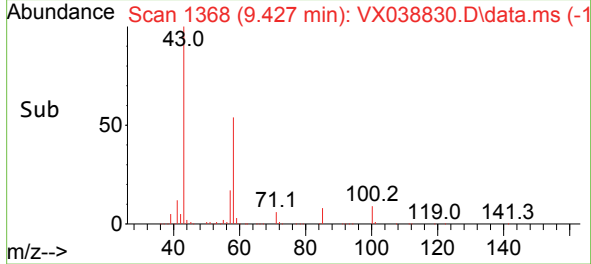
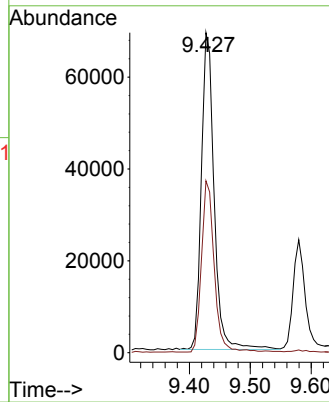
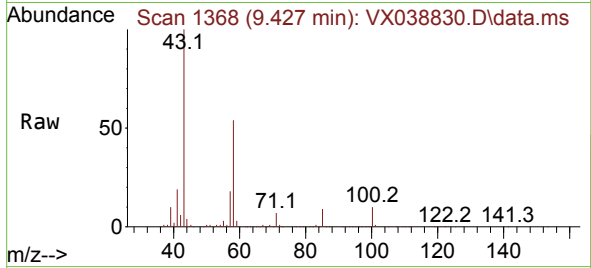




#59
2-Hexanone
Concen: 25.544 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

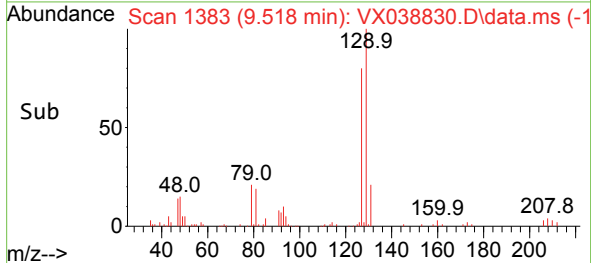
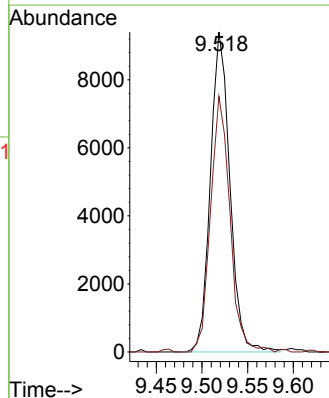
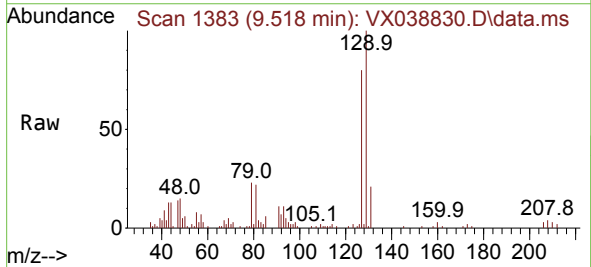
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

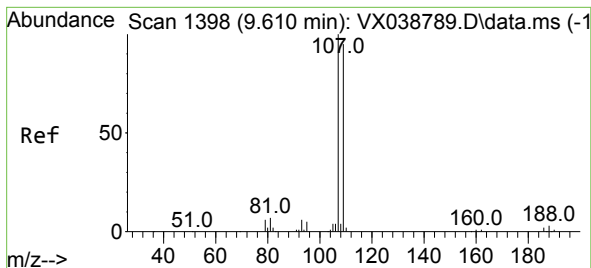
Tgt Ion: 43 Resp: 100185
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 4.867 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 129 Resp: 13937
Ion Ratio Lower Upper
129 100
127 79.3 38.8 116.4

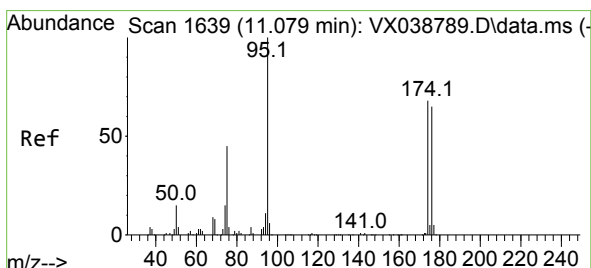
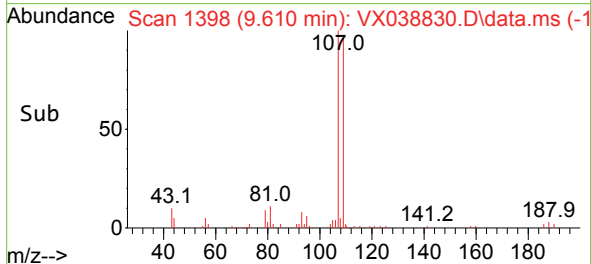
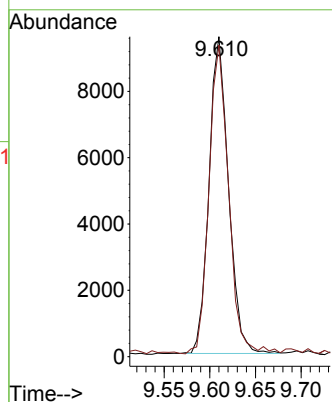
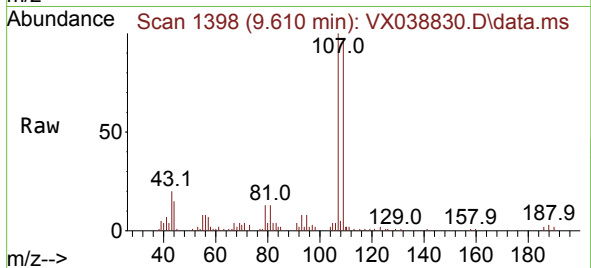




#61
1,2-Dibromoethane
Concen: 4.787 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

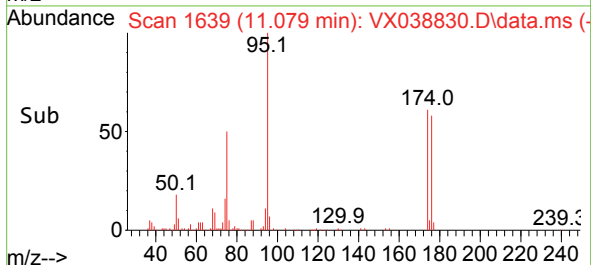
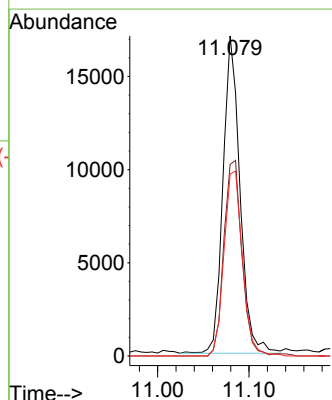
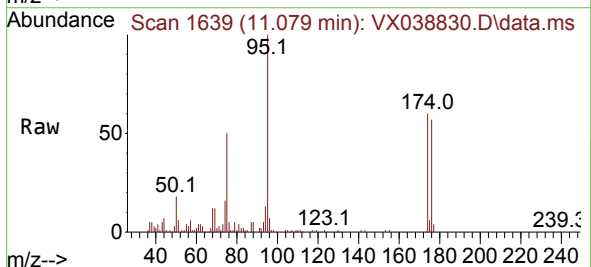
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

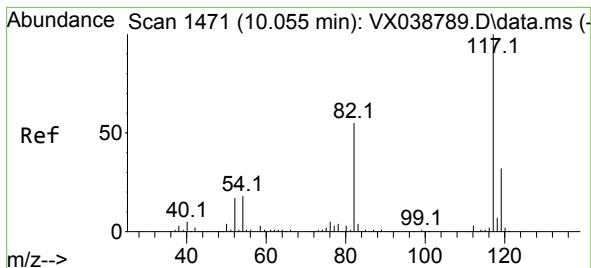
Tgt Ion:107 Resp: 14148
Ion Ratio Lower Upper
107 100
109 98.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 5.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 95 Resp: 22110
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.6
176 63.2 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

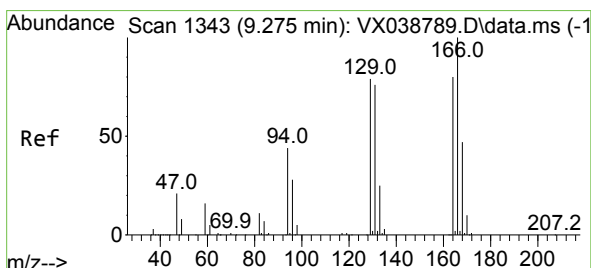
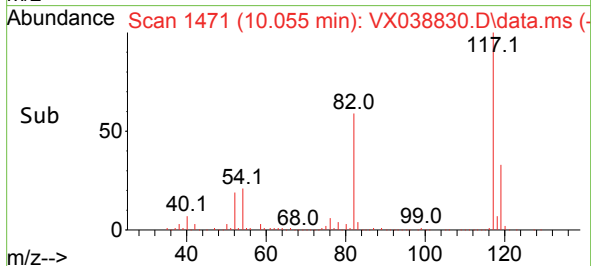
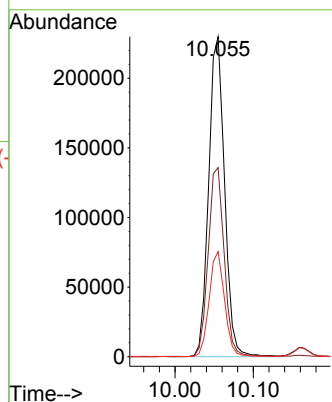
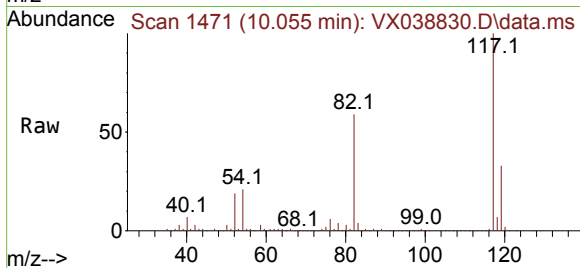
Tgt Ion:117 Resp: 323170

Ion Ratio Lower Upper

117 100

82 59.0 46.2 69.4

119 32.8 25.5 38.3



#64

Tetrachloroethene

Concen: 5.038 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Tgt Ion:164 Resp: 10121

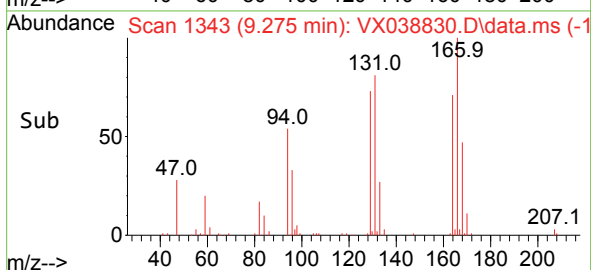
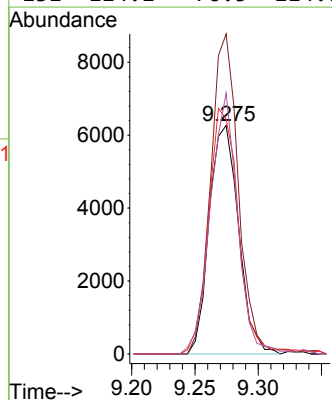
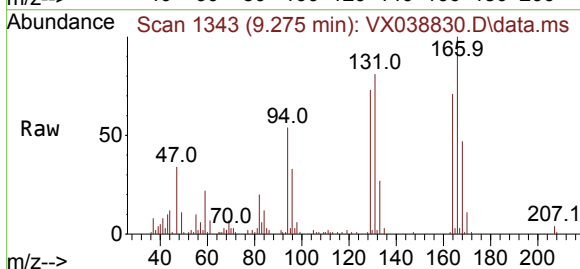
Ion Ratio Lower Upper

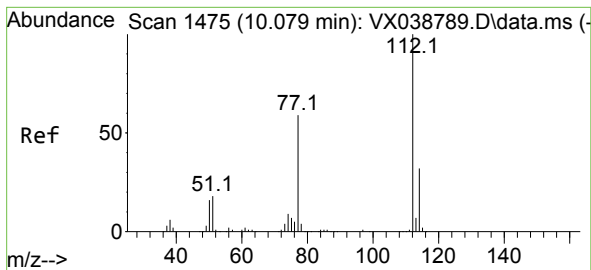
164 100

166 140.0 102.7 154.1

129 102.7 80.4 120.6

131 114.1 76.5 114.7

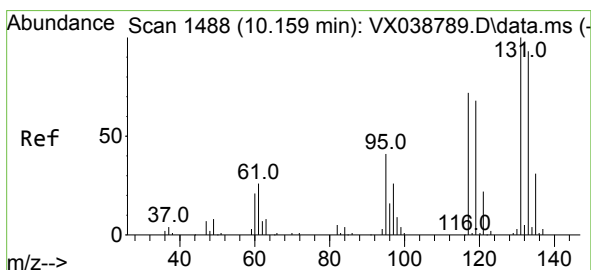
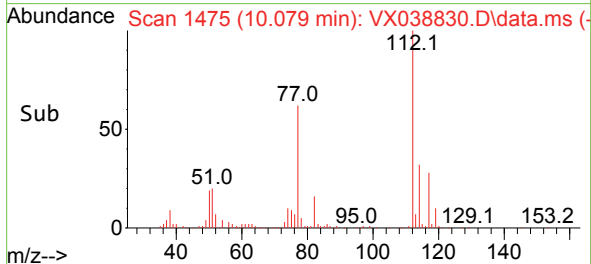
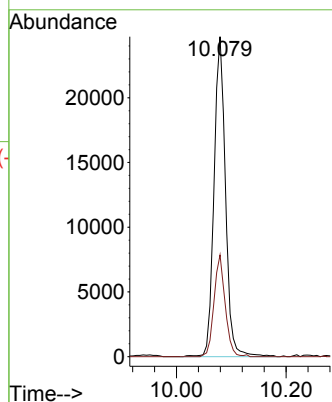
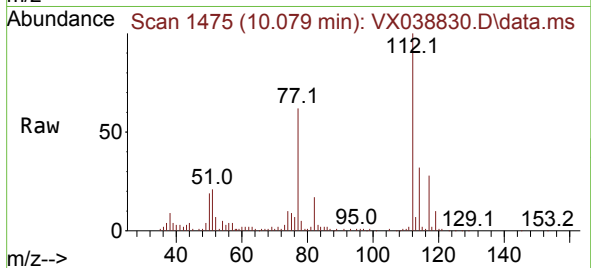




#65
Chlorobenzene
Concen: 5.143 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

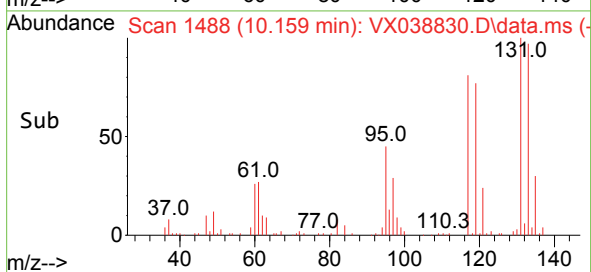
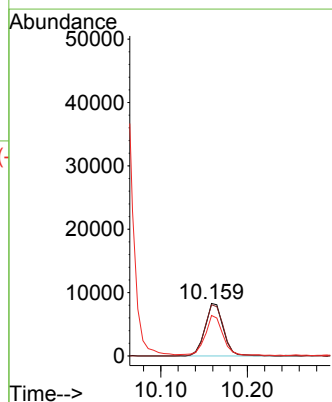
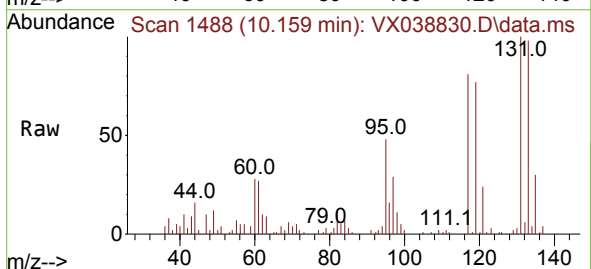
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

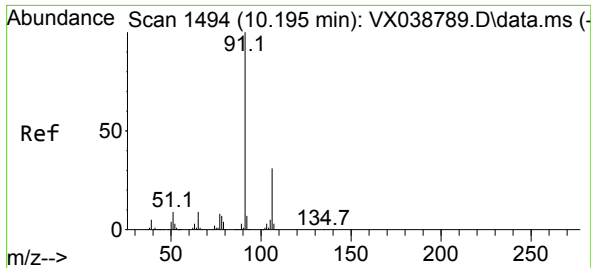
Tgt Ion:112 Resp: 35804
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.856 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion:131 Resp: 12161
Ion Ratio Lower Upper
131 100
133 99.7 47.1 141.4
119 76.4 32.2 96.6

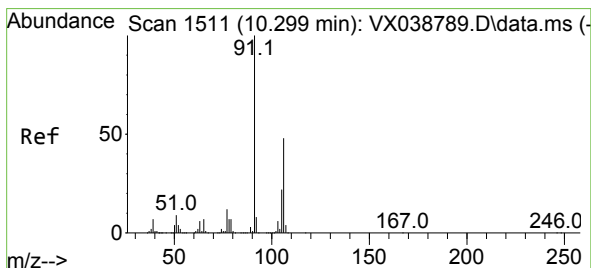
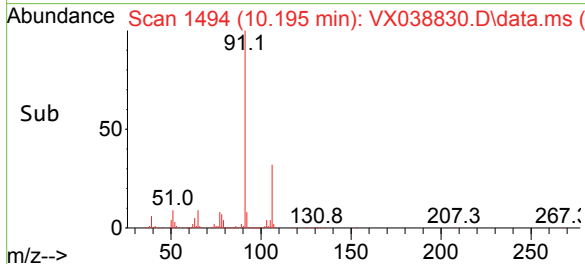
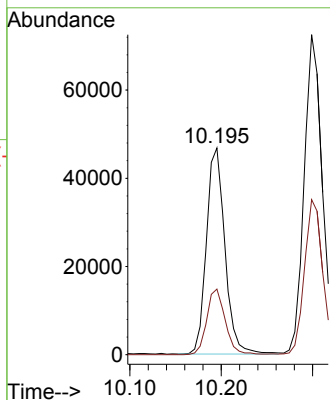
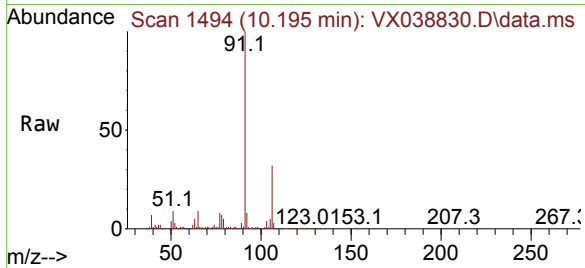




#67
Ethyl Benzene
Concen: 5.120 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

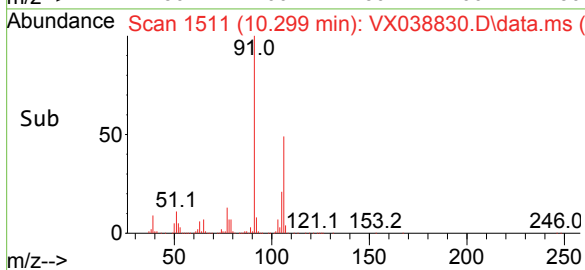
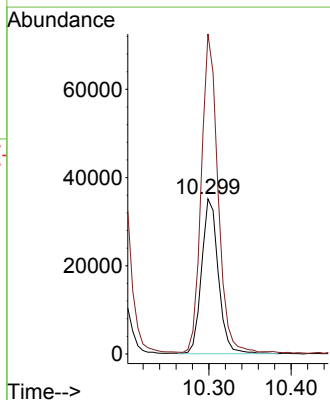
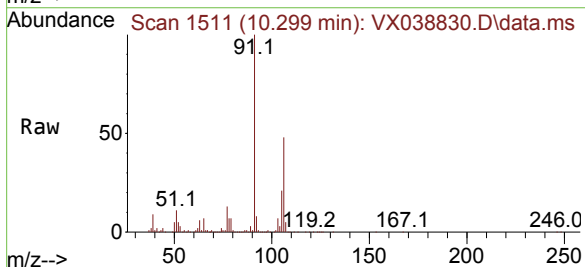
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

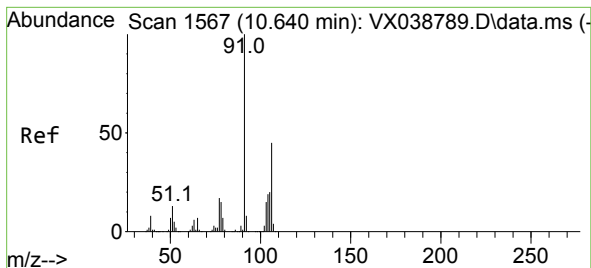
Tgt Ion: 91 Resp: 65484
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 10.264 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 106 Resp: 49660
Ion Ratio Lower Upper
106 100
91 206.6 165.5 248.3





#69

o-Xylene

Concen: 5.026 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

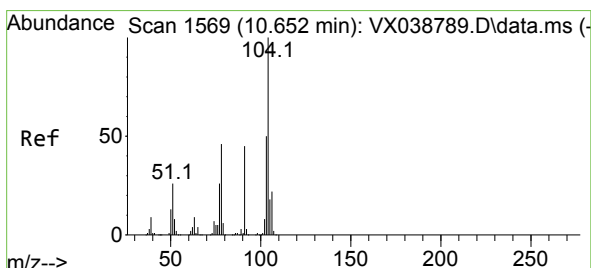
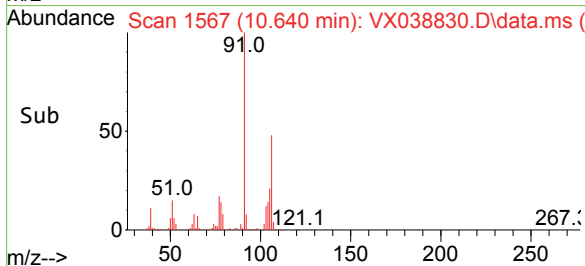
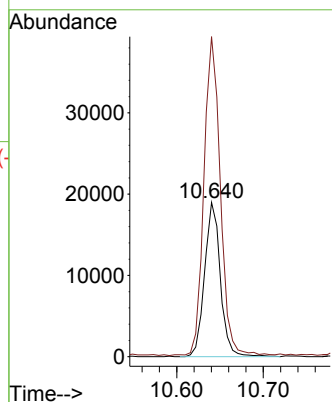
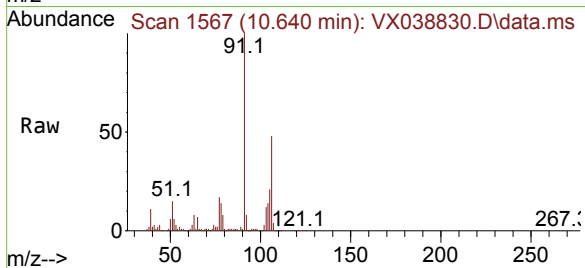
VSTDIC005

Tgt Ion:106 Resp: 24060

Ion Ratio Lower Upper

106 100

91 214.7 108.9 326.8



#70

Styrene

Concen: 5.077 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

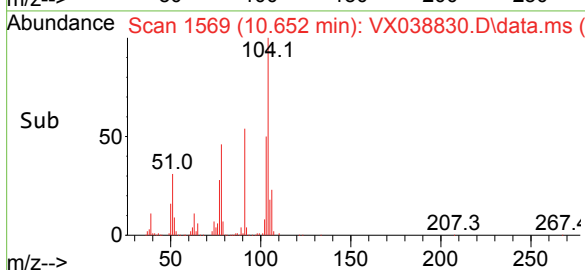
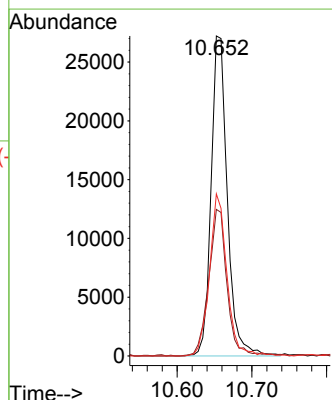
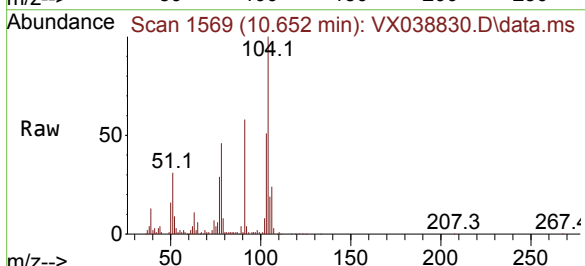
Tgt Ion:104 Resp: 41048

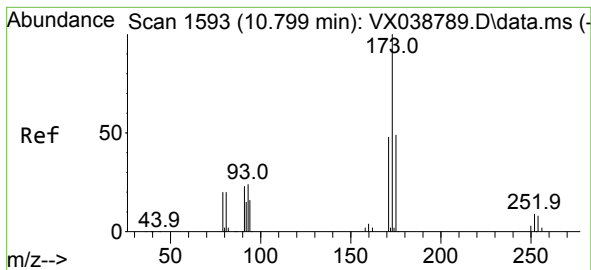
Ion Ratio Lower Upper

104 100

78 51.7 43.6 65.4

103 54.6 43.6 65.4





#71

Bromoform

Concen: 4.955 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

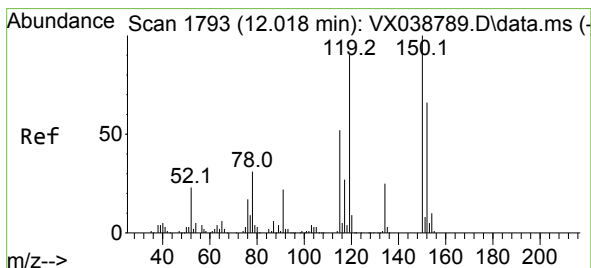
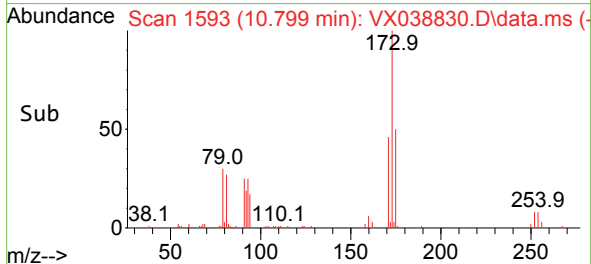
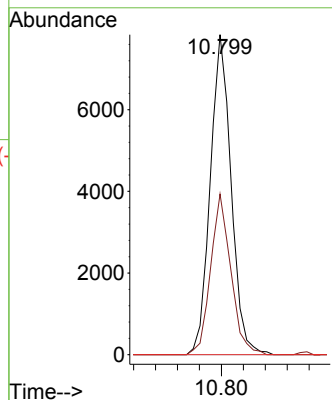
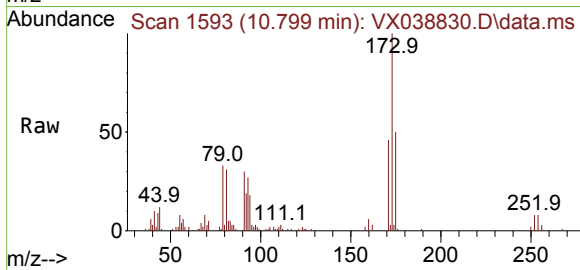
Tgt Ion:173 Resp: 10344

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

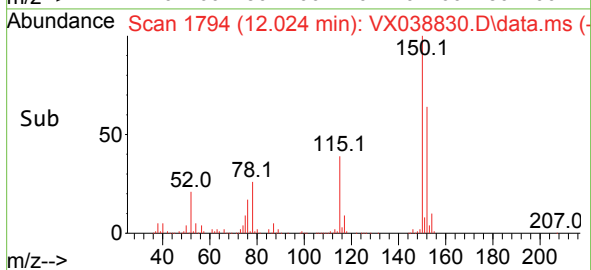
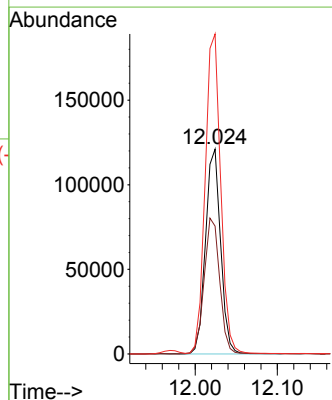
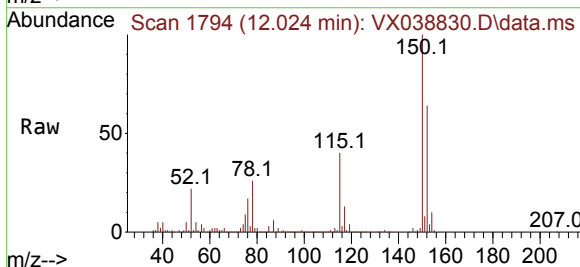
Tgt Ion:152 Resp: 154807

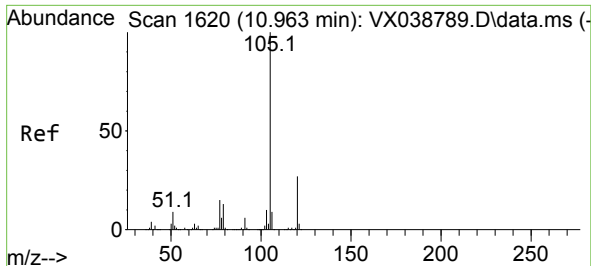
Ion Ratio Lower Upper

152 100

115 68.5 43.3 129.9

150 159.3 0.0 345.0

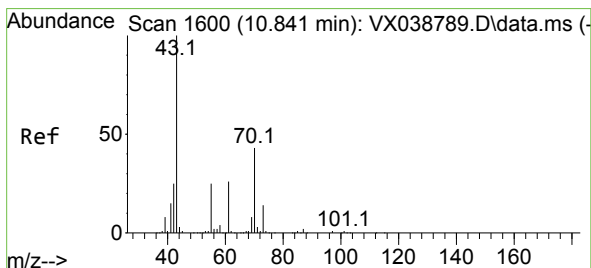
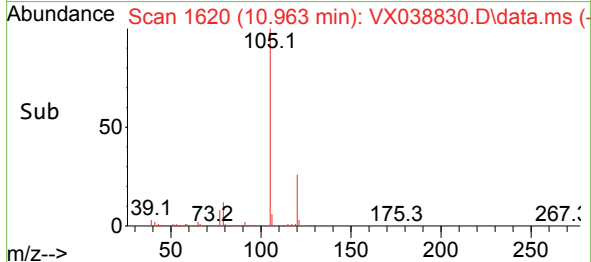
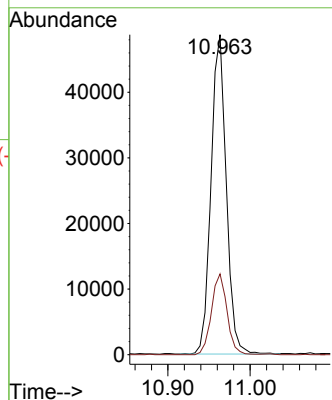
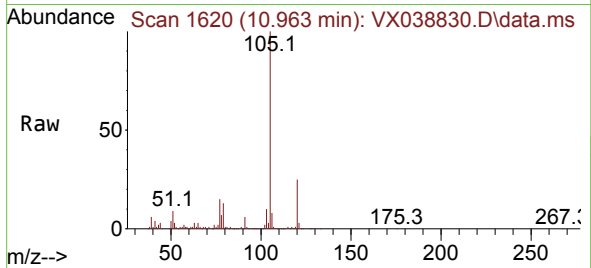




#73
Isopropylbenzene
Concen: 5.198 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

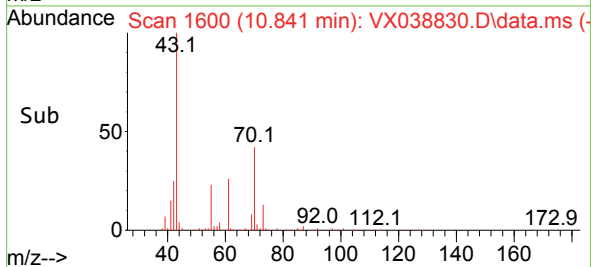
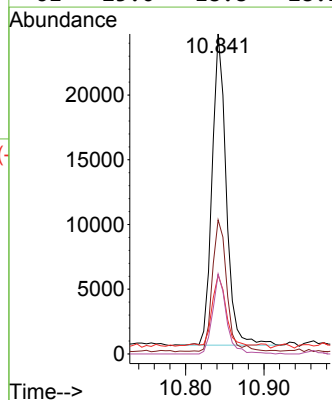
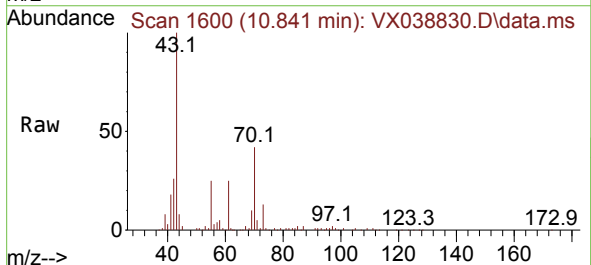
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

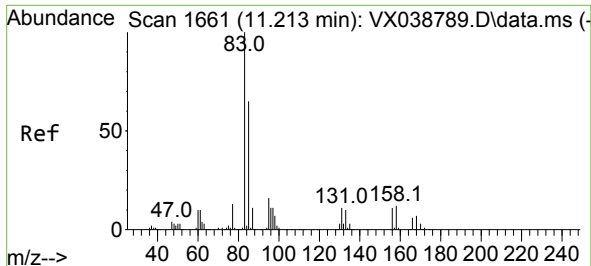
Tgt Ion:105 Resp: 62699
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 4.731 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 43 Resp: 30168
Ion Ratio Lower Upper
43 100
70 42.9 32.9 49.3
55 21.9 19.3 28.9
61 25.0 18.8 28.2

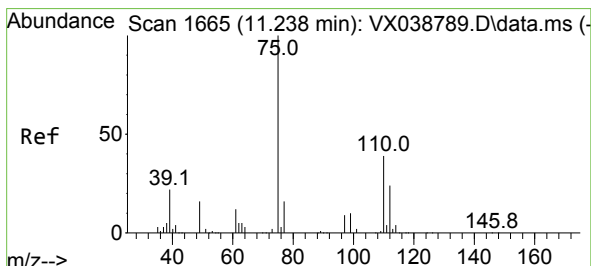
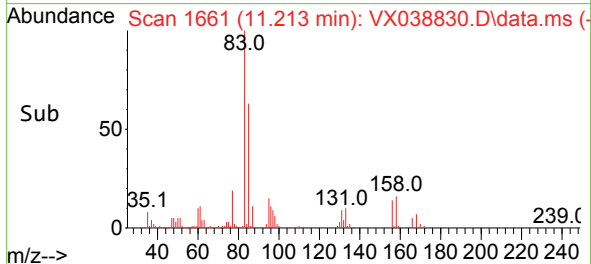
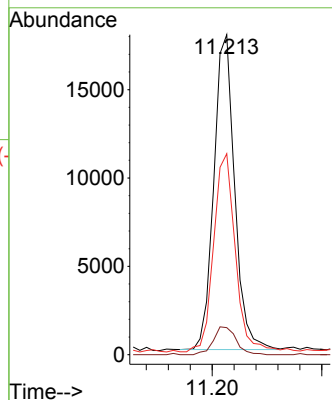
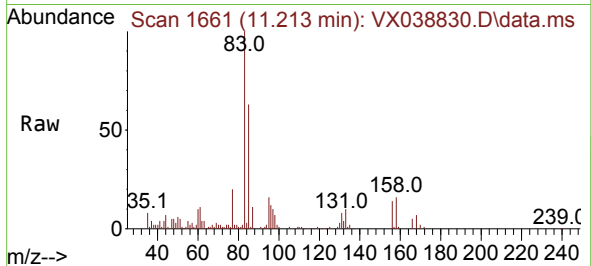




#75
1,1,2,2-Tetrachloroethane
Concen: 4.989 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

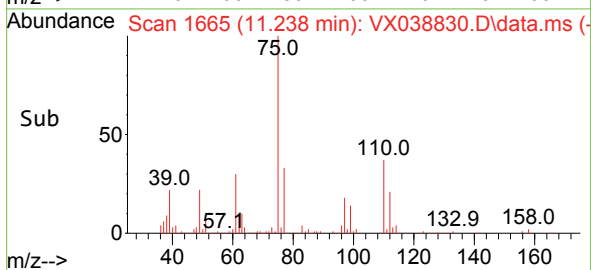
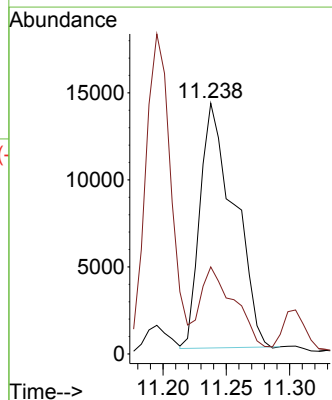
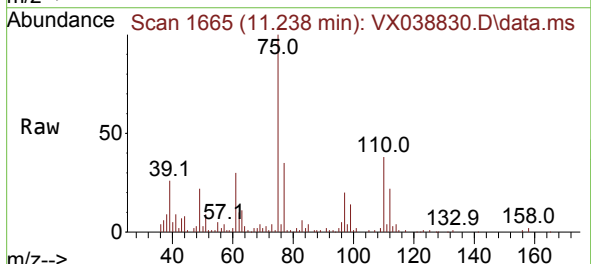
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

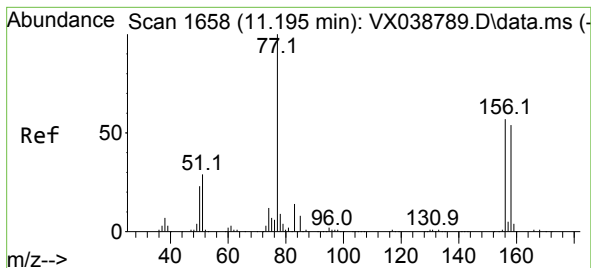
Tgt Ion: 83 Resp: 23492
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 66.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 7.028 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 75 Resp: 26440
Ion Ratio Lower Upper
75 100
77 36.0 19.1 57.5





#77

Bromobenzene

Concen: 5.185 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

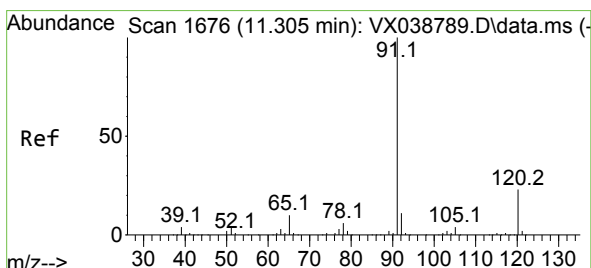
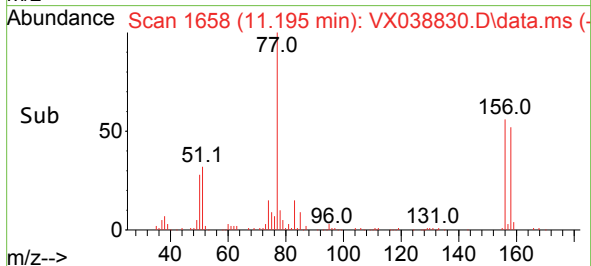
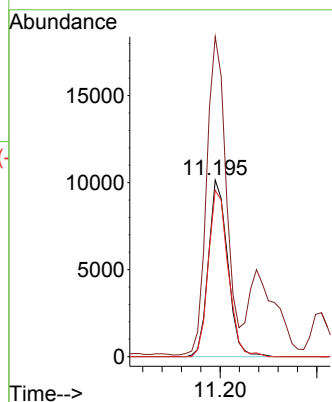
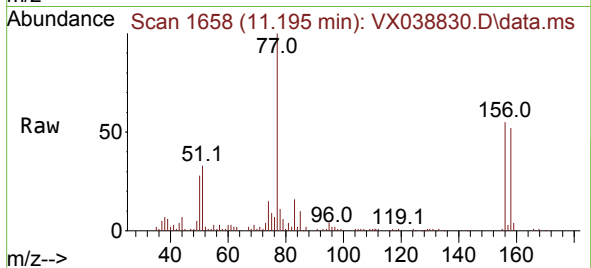
Tgt Ion:156 Resp: 14052

Ion Ratio Lower Upper

156 100

77 181.8 88.4 265.3

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 5.086 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038830.D

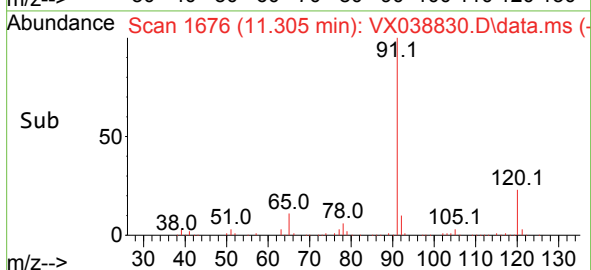
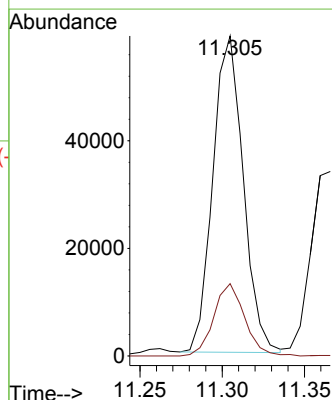
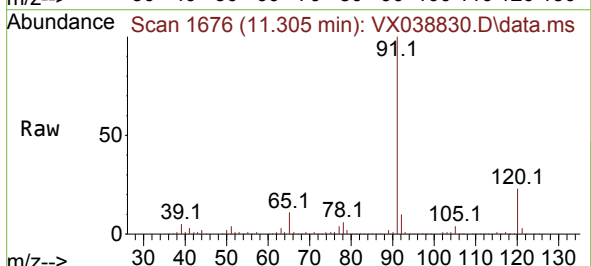
Acq: 16 Nov 2023 10:11

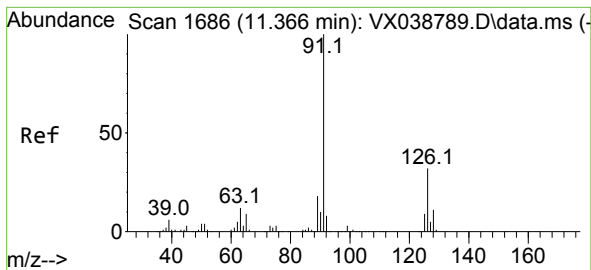
Tgt Ion: 91 Resp: 75510

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

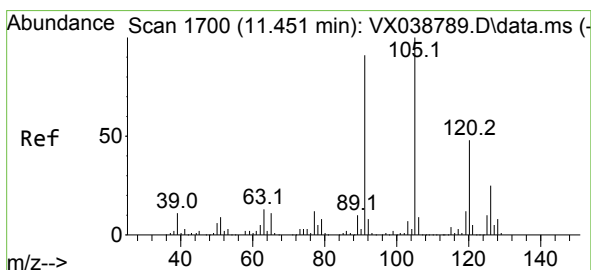
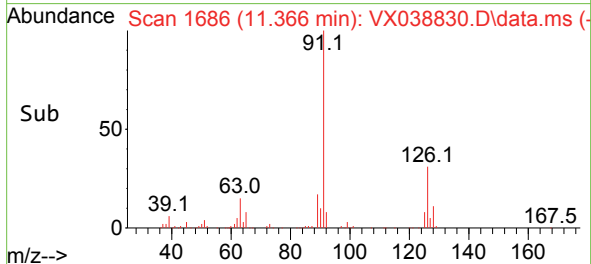
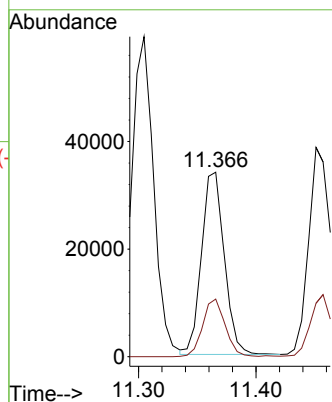
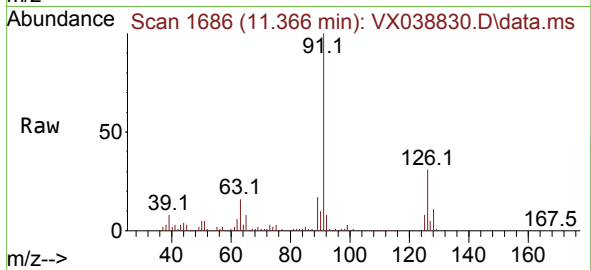




#79
2-Chlorotoluene
Concen: 5.174 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

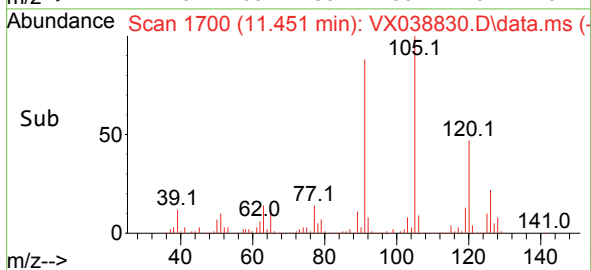
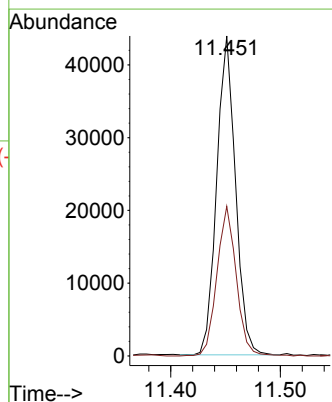
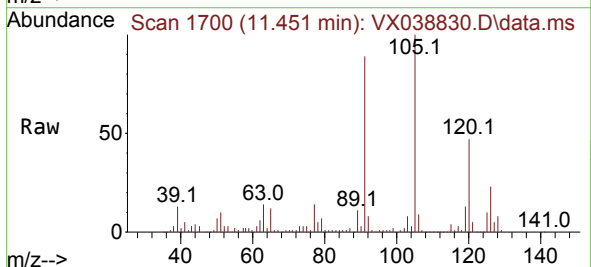
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

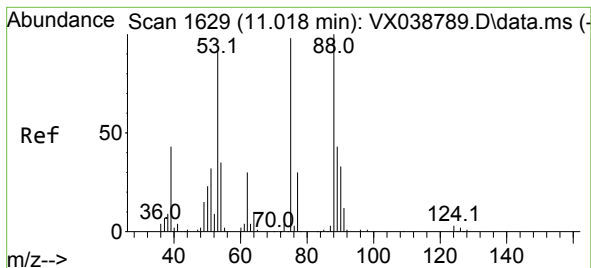
Tgt Ion: 91 Resp: 45592
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 5.140 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 105 Resp: 52129
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

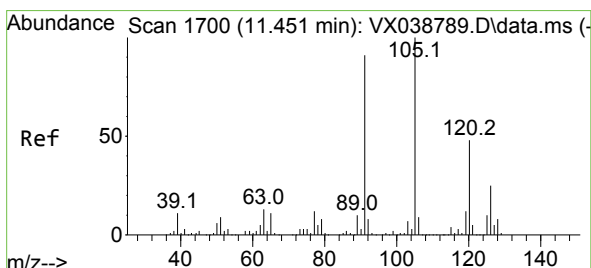
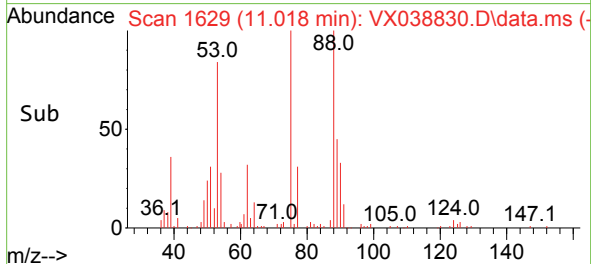
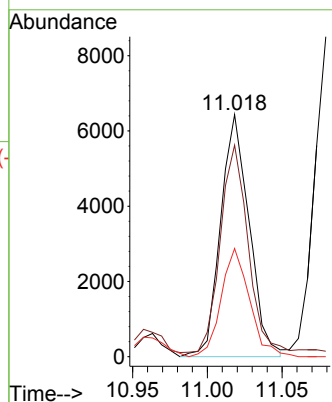
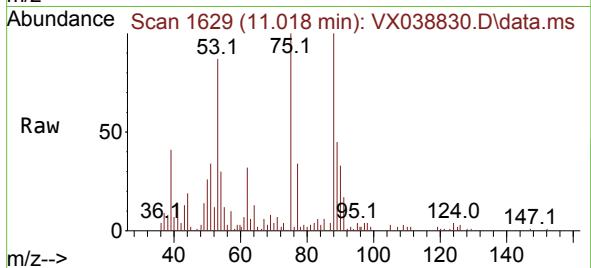




#81
trans-1,4-Dichloro-2-butene
Concen: 4.913 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

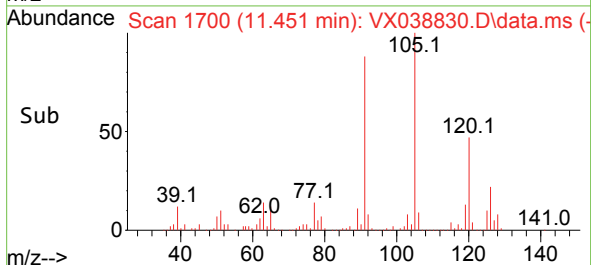
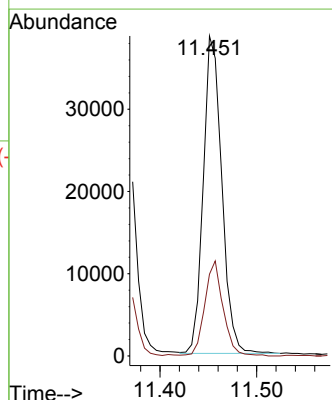
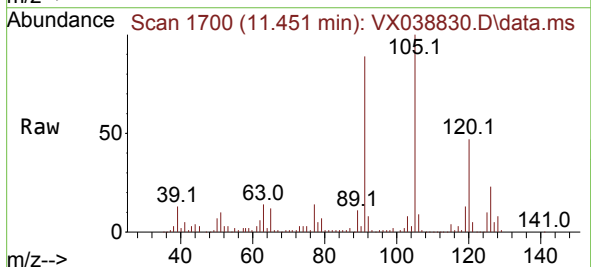
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

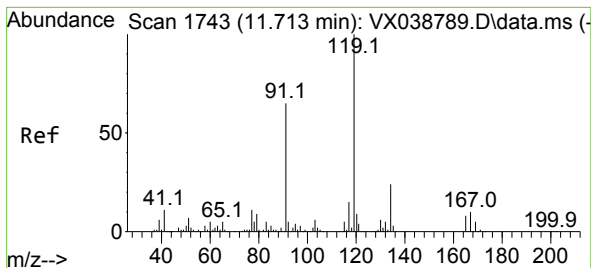
Tgt Ion: 75 Resp: 8555
Ion Ratio Lower Upper
75 100
53 82.9 90.5 135.7#
89 44.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 5.071 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 91 Resp: 51517
Ion Ratio Lower Upper
91 100
126 29.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.169 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

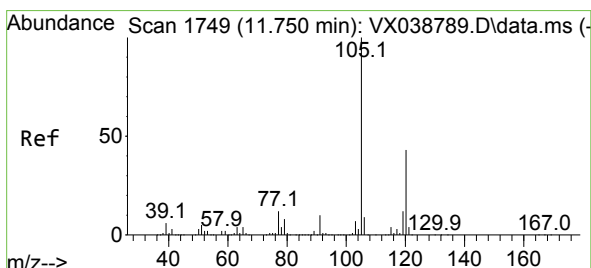
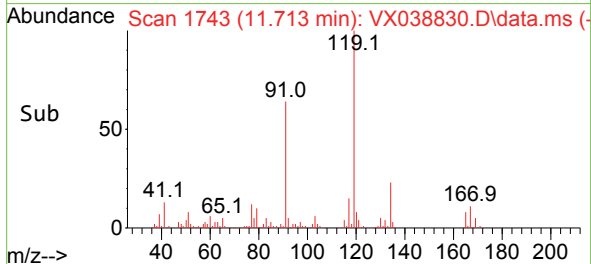
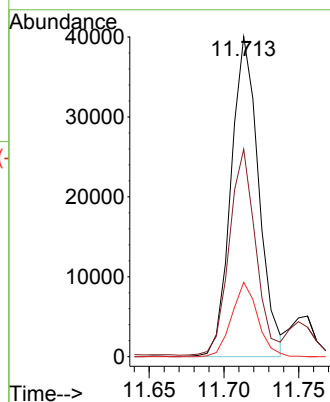
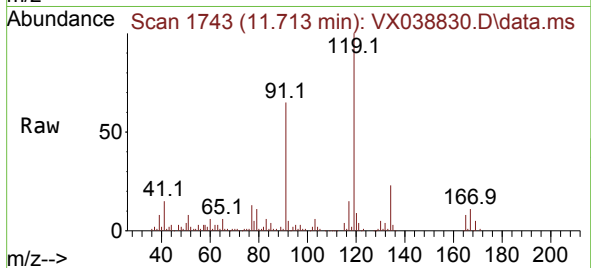
Tgt Ion:119 Resp: 51628

Ion Ratio Lower Upper

119 100

91 61.6 31.2 93.6

134 21.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 5.118 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038830.D

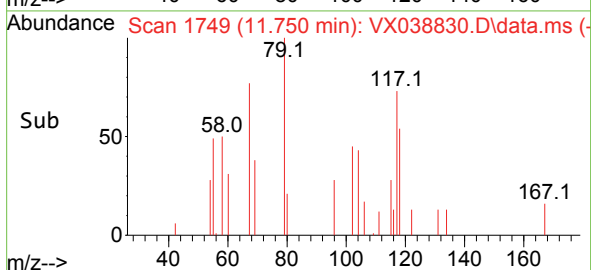
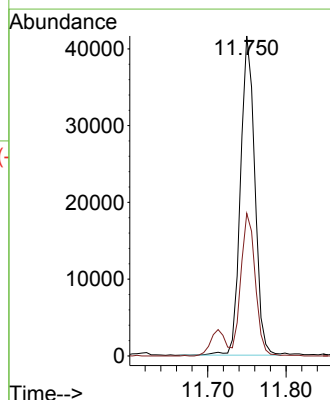
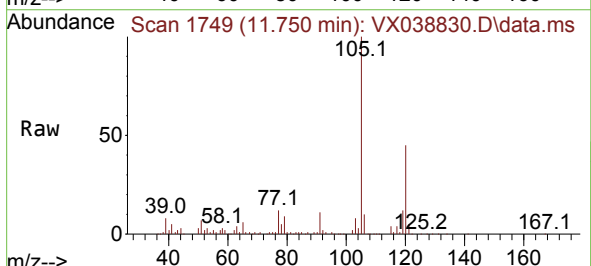
Acq: 16 Nov 2023 10:11

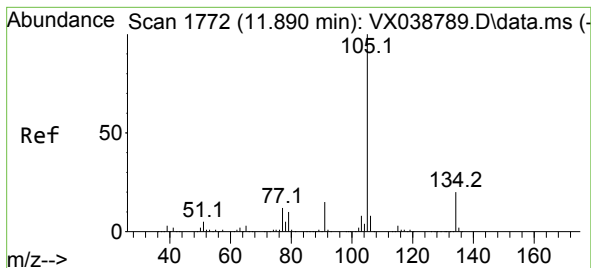
Tgt Ion:105 Resp: 52534

Ion Ratio Lower Upper

105 100

120 44.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 5.162 ug/l

RT: 11.890 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

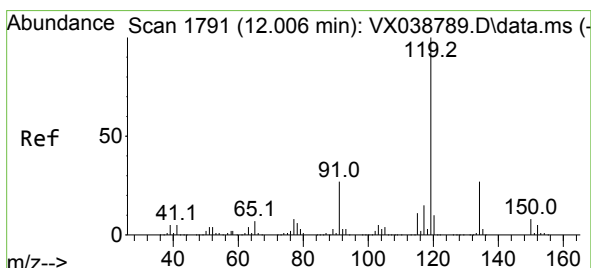
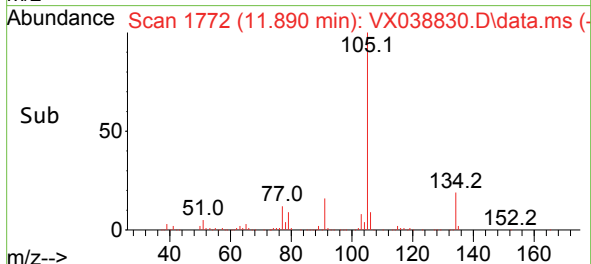
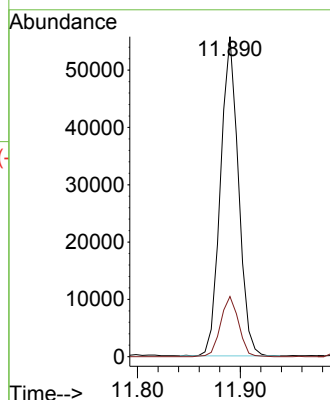
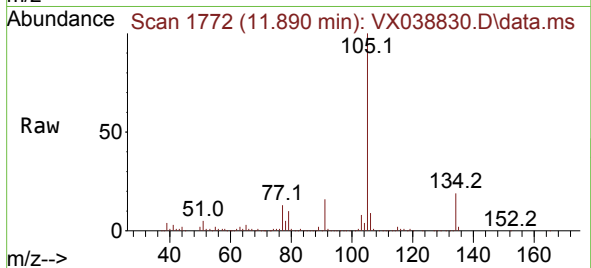
VSTDICC005

Tgt Ion:105 Resp: 67442

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 5.196 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

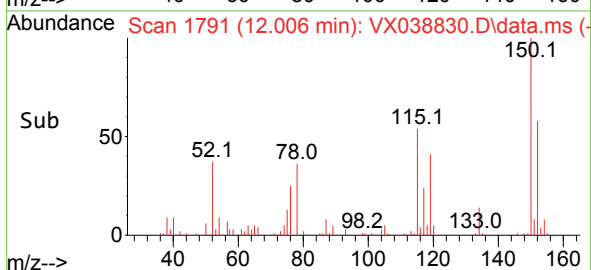
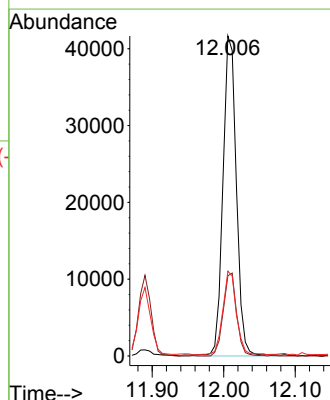
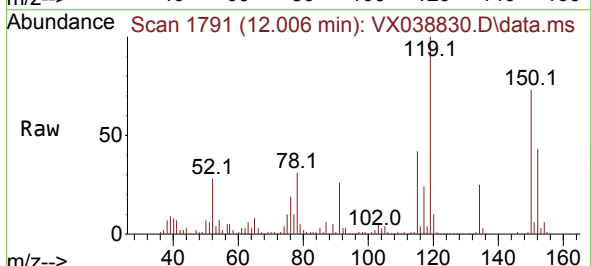
Tgt Ion:119 Resp: 54494

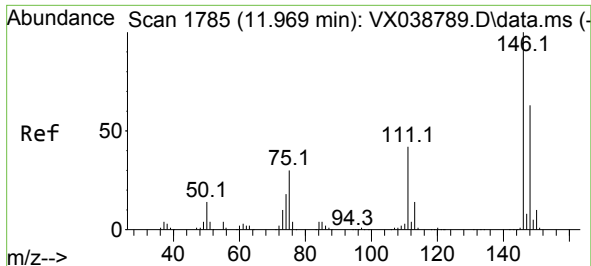
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 26.3 13.1 39.3

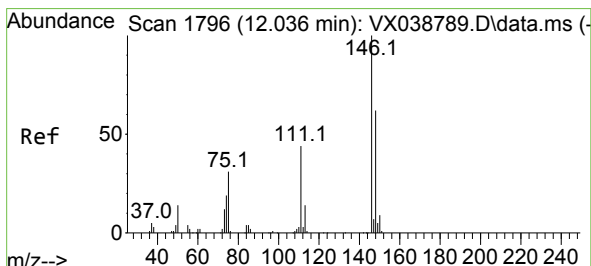
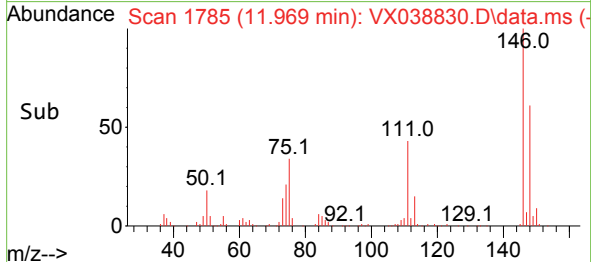
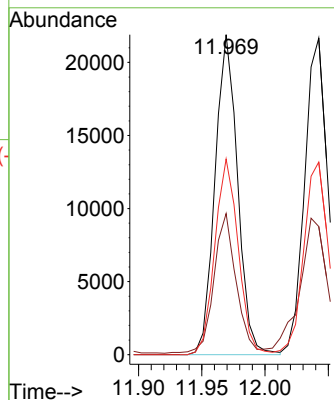
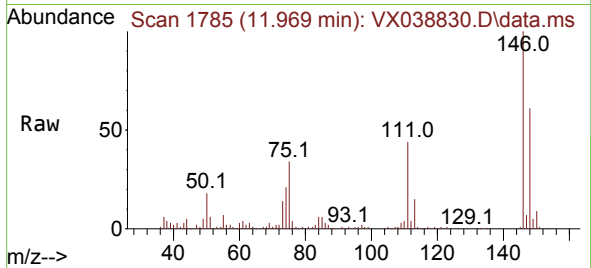




#87
1,3-Dichlorobenzene
Concen: 5.114 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

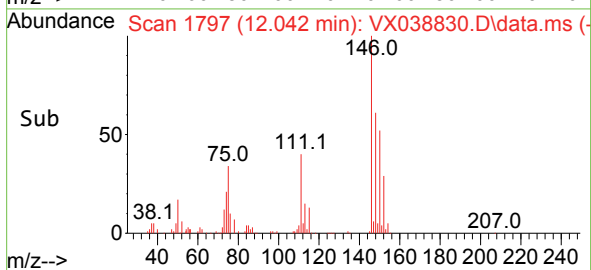
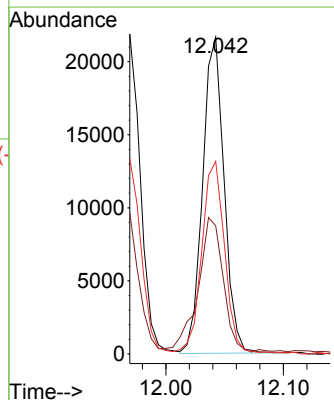
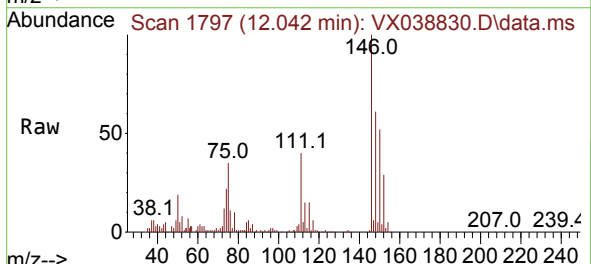
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

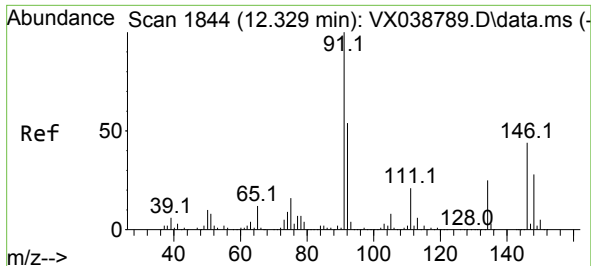
Tgt Ion:146 Resp: 27140
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.1
148 63.4 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 5.058 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion:146 Resp: 27473
Ion Ratio Lower Upper
146 100
111 49.7 21.3 63.7
148 65.6 31.8 95.4

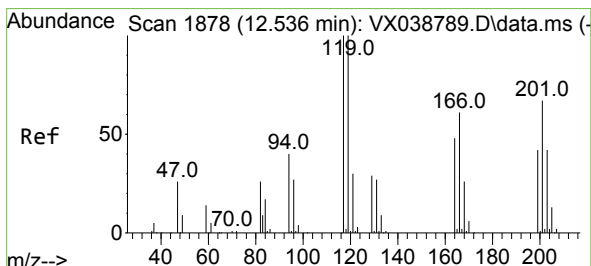
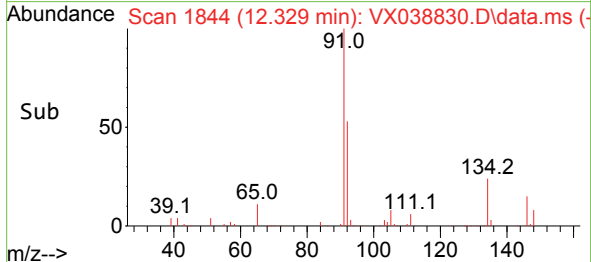
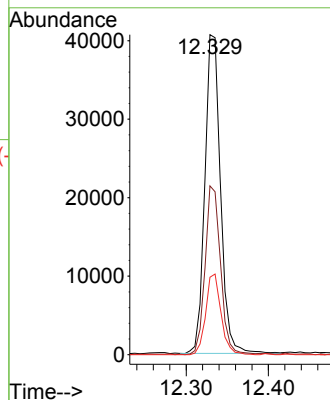
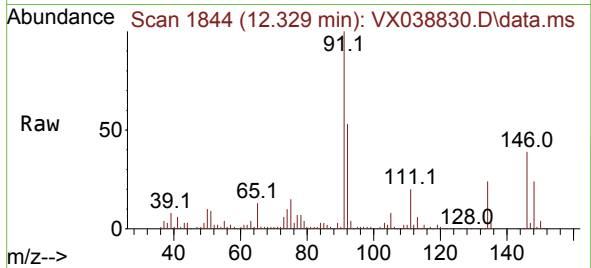




#89
n-Butylbenzene
Concen: 5.076 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

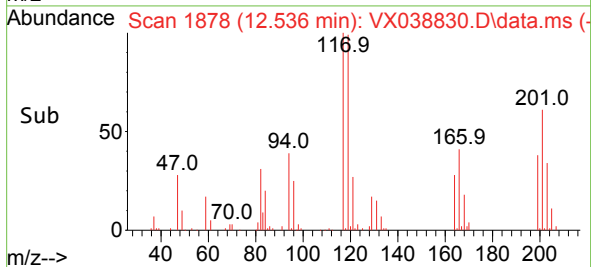
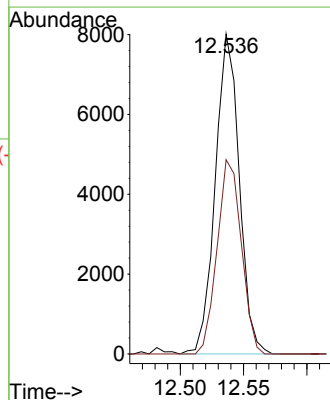
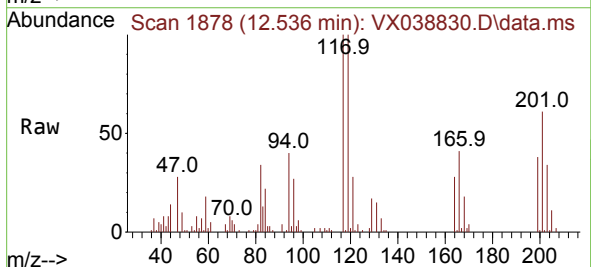
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

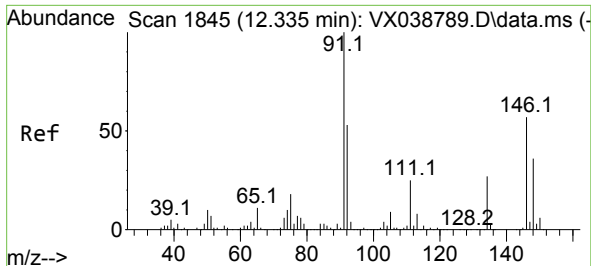
Tgt Ion: 91 Resp: 53711
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 24.7 12.6 37.8



#90
Hexachloroethane
Concen: 5.037 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 117 Resp: 10549
Ion Ratio Lower Upper
117 100
201 61.2 32.9 98.6

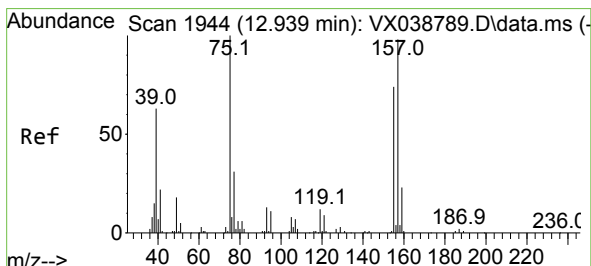
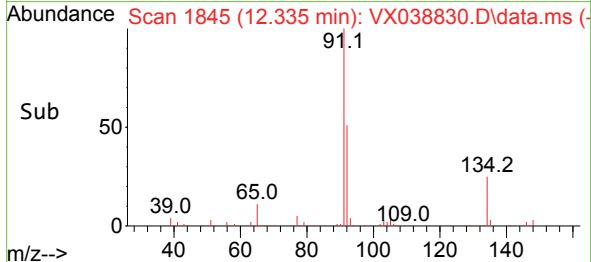
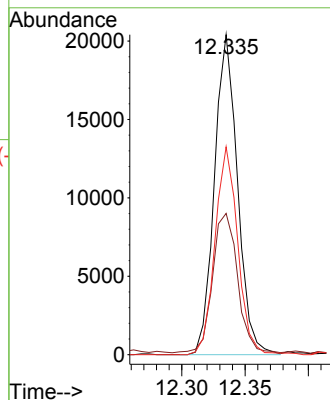
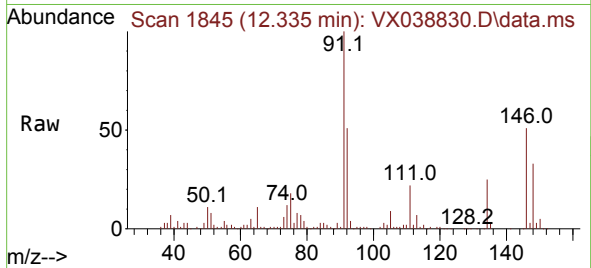




#91
1,2-Dichlorobenzene
Concen: 5.137 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

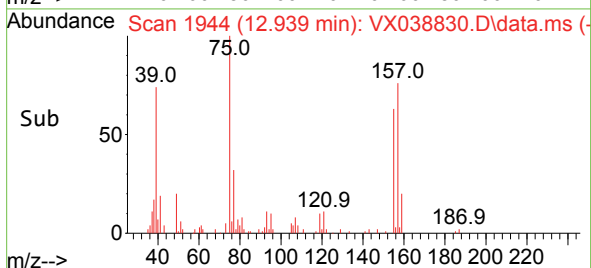
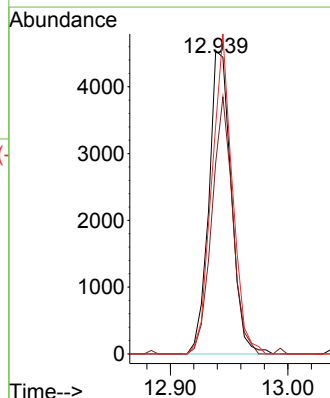
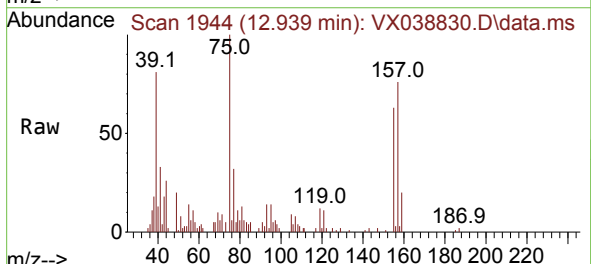
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

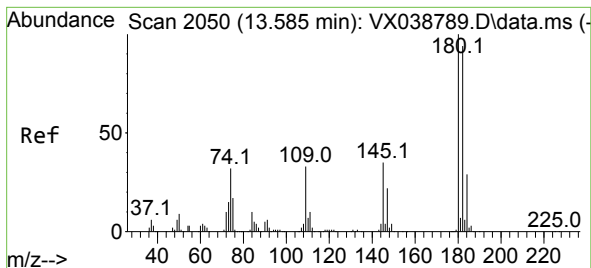
Tgt Ion:146 Resp: 25859
Ion Ratio Lower Upper
146 100
111 47.1 22.4 67.0
148 64.1 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.181 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX038830.D
Acq: 16 Nov 2023 10:11

Tgt Ion: 75 Resp: 5977
Ion Ratio Lower Upper
75 100
155 79.1 36.1 108.5
157 97.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 5.209 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

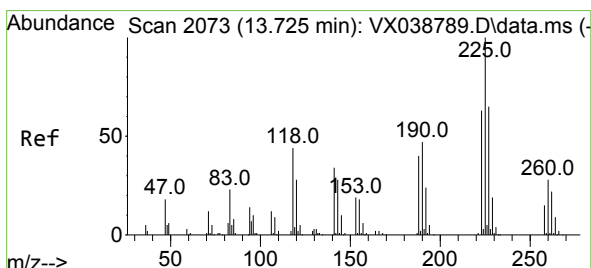
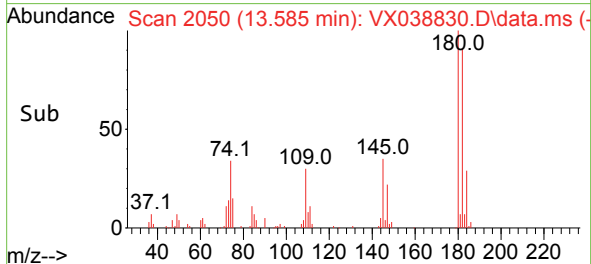
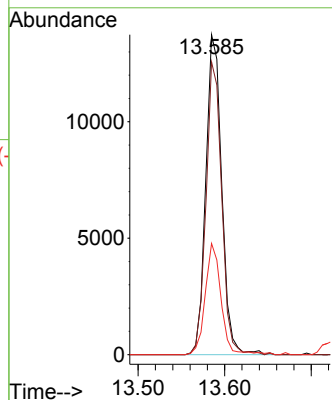
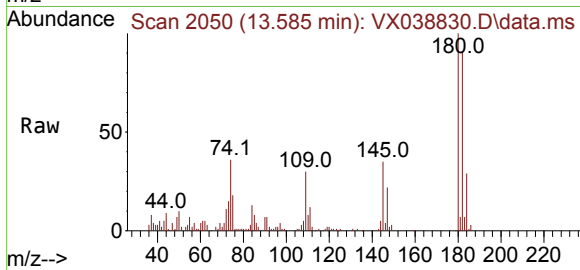
Tgt Ion:180 Resp: 17572

Ion Ratio Lower Upper

180 100

182 90.2 48.3 144.8

145 34.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 5.055 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

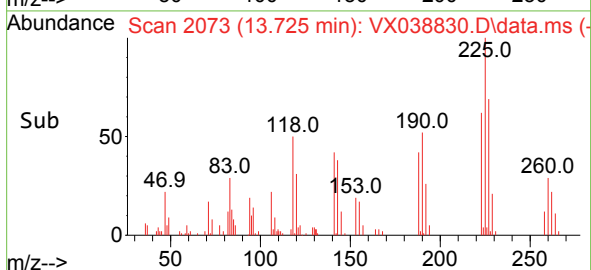
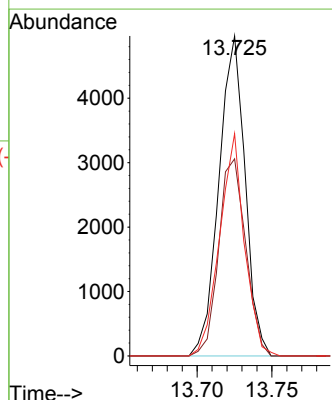
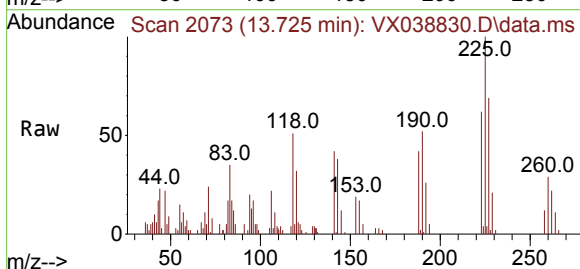
Tgt Ion:225 Resp: 6039

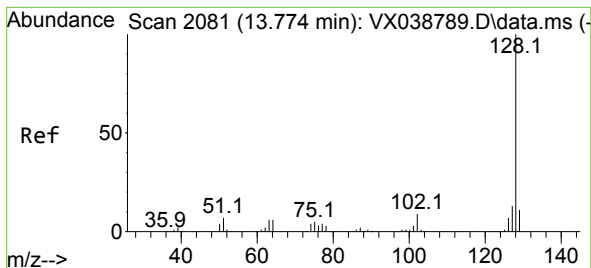
Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.2

227 65.9 32.5 97.5





#95

Naphthalene

Concen: 5.097 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

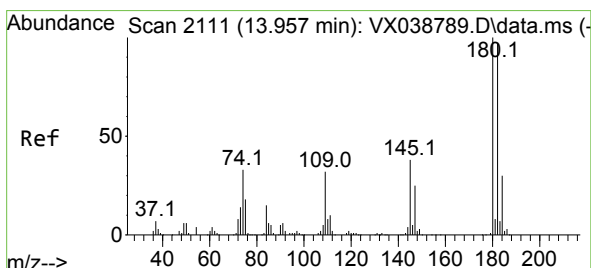
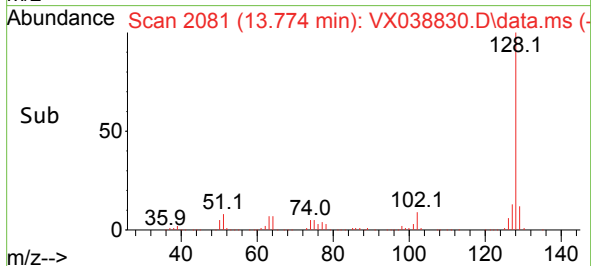
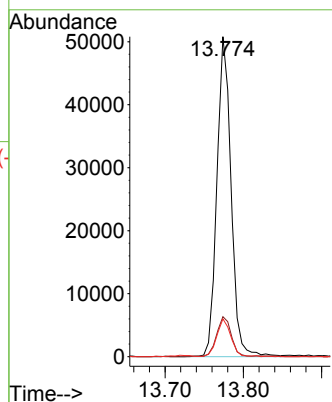
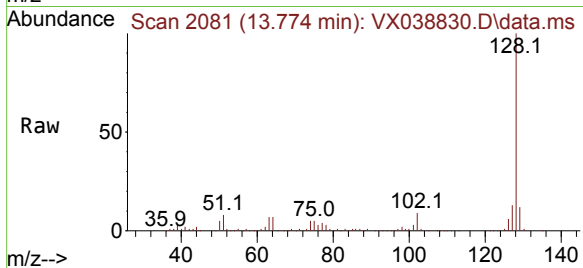
Tgt Ion:128 Resp: 64036

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.991 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX038830.D

Acq: 16 Nov 2023 10:11

Tgt Ion:180 Resp: 15958

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.6

145 37.0 17.8 53.5

