

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037744.D
 Acq On : 15 Sep 2023 09:25
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 16 04:27:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:24:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	230663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	385483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	17068	5.632	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	11.260%#
35) Dibromofluoromethane	5.385	113	13849	5.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.740%#
50) Toluene-d8	8.647	98	51081	5.330	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.660%#
62) 4-Bromofluorobenzene	11.079	95	16842	4.836	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.680%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12755	5.246	ug/l	95
3) Chloromethane	1.300	50	14208	5.371	ug/l	98
4) Vinyl Chloride	1.374	62	15185	5.321	ug/l	99
5) Bromomethane	1.599	94	11619	5.687	ug/l	100
6) Chloroethane	1.678	64	11131	5.662	ug/l	95
7) Trichlorofluoromethane	1.886	101	24003	5.232	ug/l	98
8) Diethyl Ether	2.136	74	9025	5.077	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	12396	5.324	ug/l	99
10) Methyl Iodide	2.453	142	14892	4.833	ug/l	96
11) Tert butyl alcohol	2.965	59	17820	27.394	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	11640	5.173	ug/l	88
13) Acrolein	2.239	56	17996	28.003	ug/l	96
14) Allyl chloride	2.660	41	18274	4.876	ug/l	95
15) Acrylonitrile	3.068	53	37486	25.918	ug/l	98
16) Acetone	2.379	43	36084	24.751	ug/l	96
17) Carbon Disulfide	2.514	76	27542	4.882	ug/l	98
18) Methyl Acetate	2.703	43	26630	5.064	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	41239	4.982	ug/l	99
20) Methylene Chloride	2.788	84	14928	5.516	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	12932	5.175	ug/l	90
22) Diisopropyl ether	3.757	45	39733	5.089	ug/l	90
23) Vinyl Acetate	3.727	43	138801	24.171	ug/l	97
24) 1,1-Dichloroethane	3.611	63	23663	5.058	ug/l	99
25) 2-Butanone	4.562	43	51403	24.992	ug/l	90
26) 2,2-Dichloropropane	4.477	77	18404	4.869	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	15622	5.100	ug/l	90
28) Bromochloromethane	4.903	49	11834	5.422	ug/l	87
29) Tetrahydrofuran	5.013	42	32082	25.072	ug/l	88
30) Chloroform	5.098	83	26068	5.173	ug/l	100
31) Cyclohexane	5.470	56	21018	5.403	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	20946	4.909	ug/l	98
36) 1,1-Dichloropropene	5.690	75	17175	4.834	ug/l	96
37) Ethyl Acetate	4.721	43	19394	5.084	ug/l	96
38) Carbon Tetrachloride	5.672	117	18195	4.894	ug/l	87
39) Methylcyclohexane	7.379	83	22623	5.017	ug/l	96
40) Benzene	6.037	78	55395	5.070	ug/l	98

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 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 16 04:27:40 2023
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	9904	4.973	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	20305	5.126	ug/l	99
43) Isopropyl Acetate	6.348	43	29617	4.742	ug/l	97
44) Trichloroethene	7.129	130	15170	4.986	ug/l	97
45) 1,2-Dichloropropane	7.433	63	14511	5.114	ug/l	95
46) Dibromomethane	7.586	93	10046	4.922	ug/l	92
47) Bromodichloromethane	7.824	83	17486	4.652	ug/l	98
48) Methyl methacrylate	7.696	41	13914	4.660	ug/l #	85
49) 1,4-Dioxane	7.665	88	8115	103.670	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	100502	25.361	ug/l	98
52) Toluene	8.720	92	35390	5.026	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	16691	4.266	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	19230	4.421	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	14425	4.859	ug/l	94
56) Ethyl methacrylate	9.116	69	20968	4.731	ug/l	95
57) 1,3-Dichloropropane	9.311	76	24170	5.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	50403	24.354	ug/l	99
59) 2-Hexanone	9.433	43	77265	25.042	ug/l	96
60) Dibromochloromethane	9.518	129	12934	4.373	ug/l	98
61) 1,2-Dibromoethane	9.610	107	15264	4.856	ug/l	98
64) Tetrachloroethene	9.275	164	12459	5.140	ug/l	98
65) Chlorobenzene	10.079	112	38141	4.975	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	12850	4.730	ug/l	98
67) Ethyl Benzene	10.195	91	66799	5.026	ug/l	100
68) m/p-Xylenes	10.305	106	51407	10.009	ug/l	94
69) o-Xylene	10.640	106	25530	4.957	ug/l	100
70) Styrene	10.658	104	39479	4.775	ug/l	98
71) Bromoform	10.799	173	9165	4.276	ug/l #	95
73) Isopropylbenzene	10.963	105	66009	5.183	ug/l	100
74) N-amyl acetate	10.841	43	24833	4.815	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	23455	5.237	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	23618	5.560	ug/l	91
77) Bromobenzene	11.201	156	15488	4.913	ug/l	90
78) n-propylbenzene	11.305	91	72601	5.048	ug/l	100
79) 2-Chlorotoluene	11.366	91	45876	5.173	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	54841	5.099	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	4909	3.917	ug/l	95
82) 4-Chlorotoluene	11.457	91	50042	5.012	ug/l	97
83) tert-Butylbenzene	11.713	119	54681	5.031	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	54337	5.078	ug/l	97
85) sec-Butylbenzene	11.890	105	66893	5.073	ug/l	100
86) p-Isopropyltoluene	12.012	119	54475	4.966	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	28865	4.912	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	29932	4.993	ug/l	98
89) n-Butylbenzene	12.335	91	45218	4.698	ug/l	96
90) Hexachloroethane	12.536	117	8445	4.537	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	30185	5.032	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4192	4.695	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	15835	4.481	ug/l	98
94) Hexachlorobutadiene	13.725	225	7809	4.735	ug/l	96
95) Naphthalene	13.774	128	56531	4.730	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	16959	4.663	ug/l	97

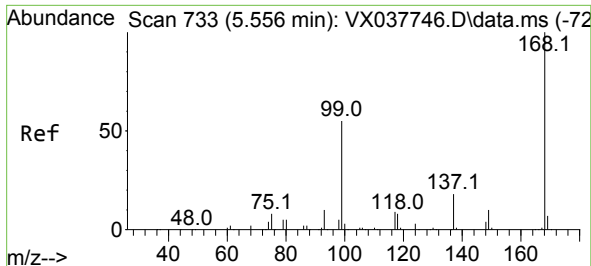
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
Data File : VX037744.D
Acq On : 15 Sep 2023 09:25
Operator : JC/MD
Sample : VSTDICC005
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
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Response via : Initial Calibration

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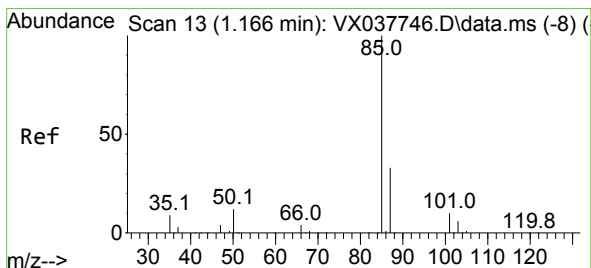
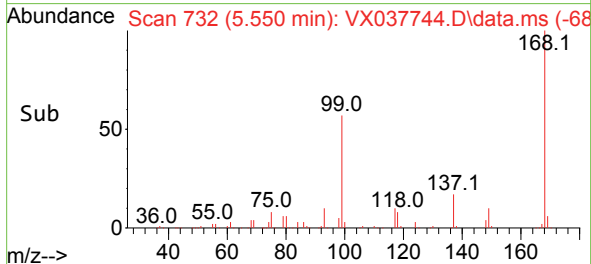
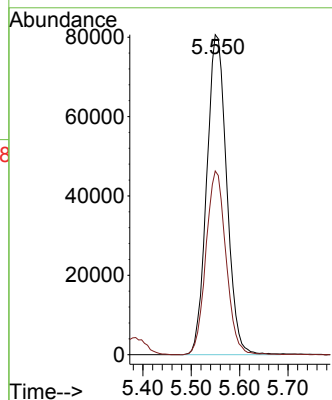
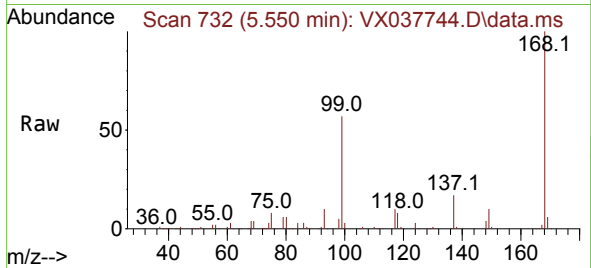
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037744.D
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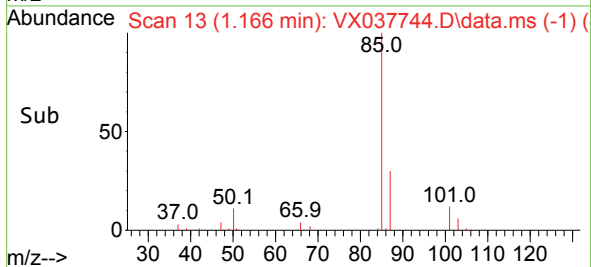
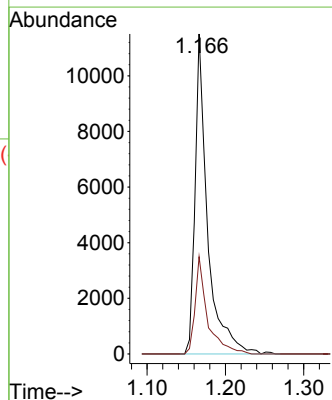
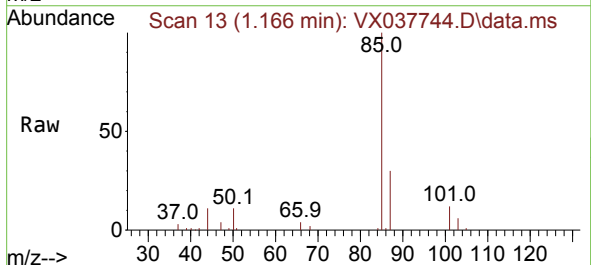
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

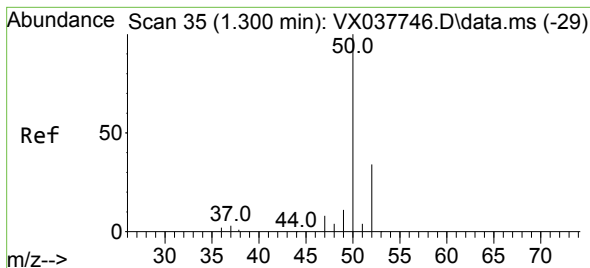
Tgt Ion:168 Resp: 230663
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 5.246 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 85 Resp: 12755
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.1





#3

Chloromethane

Concen: 5.371 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

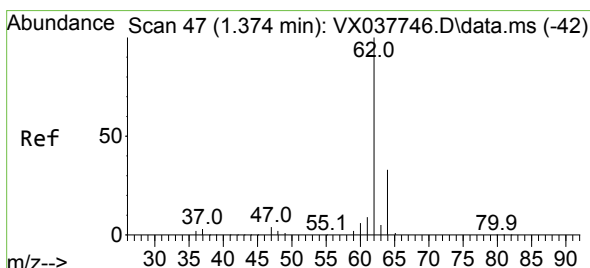
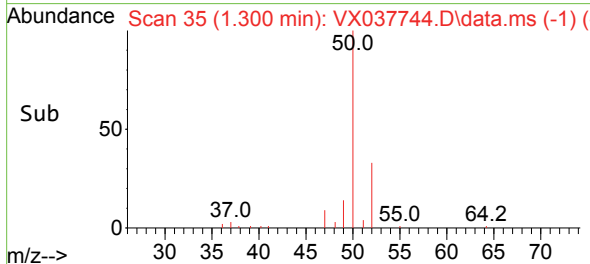
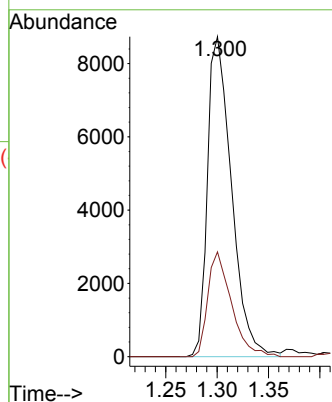
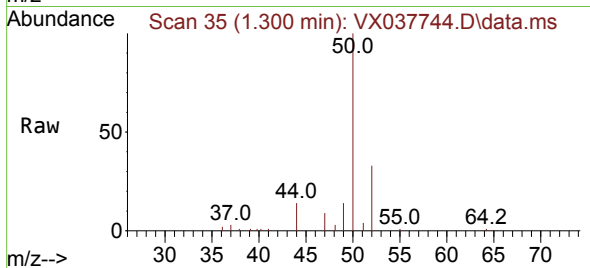
VSTDICC005

Tgt Ion: 50 Resp: 14208

Ion Ratio Lower Upper

50 100

52 32.7 25.5 38.3



#4

Vinyl Chloride

Concen: 5.321 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX037744.D

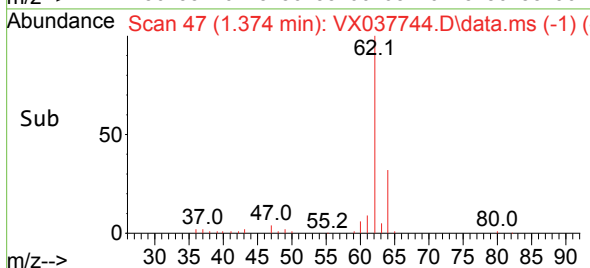
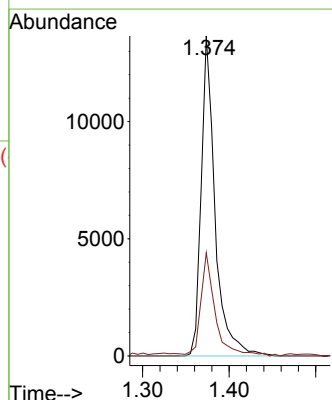
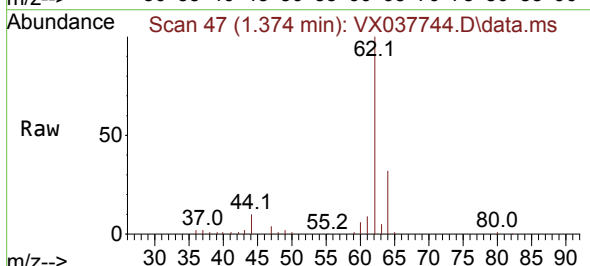
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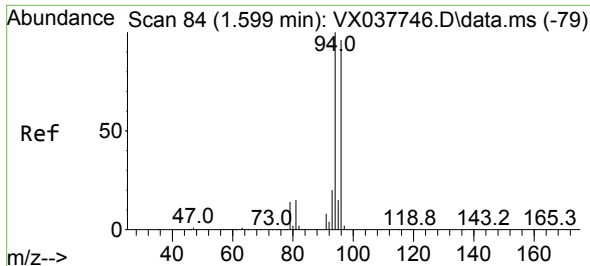
Tgt Ion: 62 Resp: 15185

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0

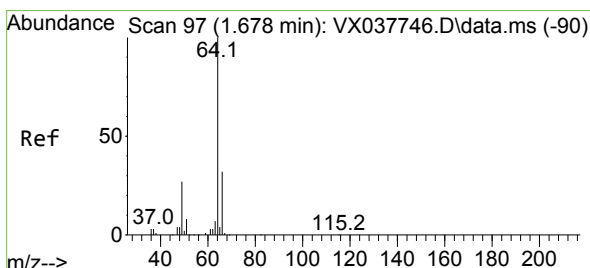
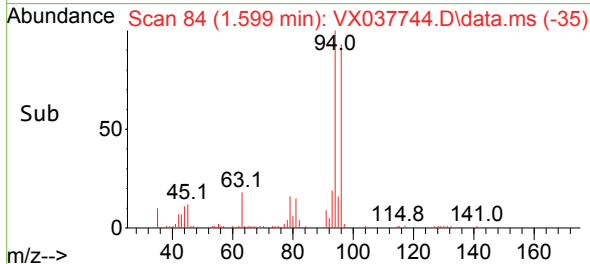
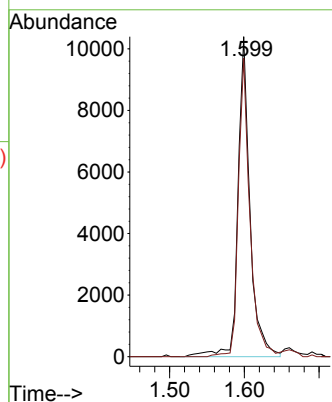
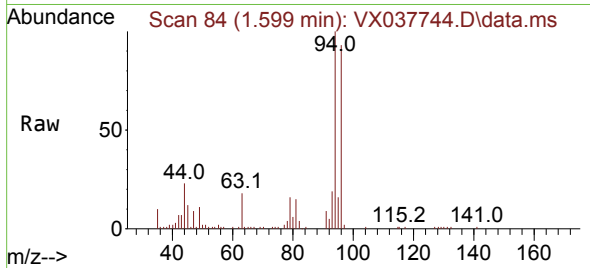




#5
Bromomethane
Concen: 5.687 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

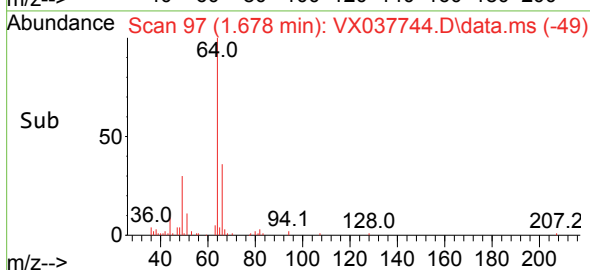
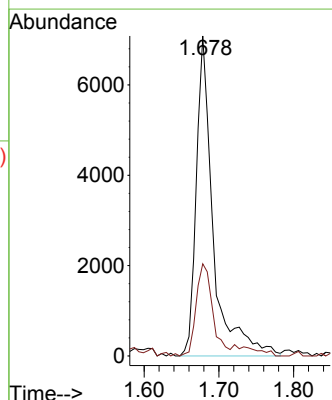
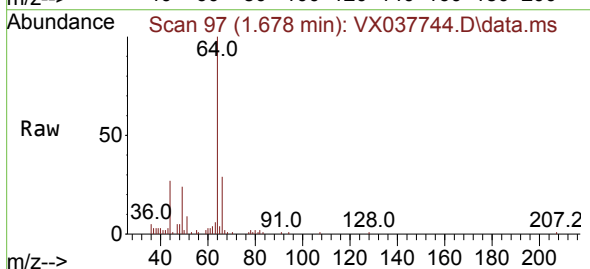
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

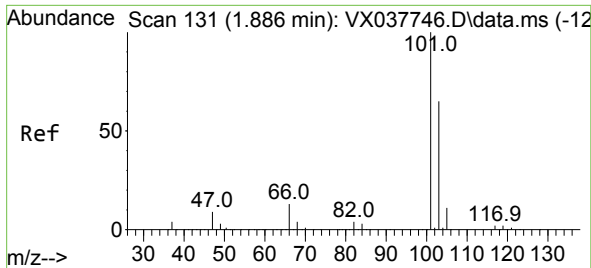
Tgt Ion: 94 Resp: 11619
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8



#6
Chloroethane
Concen: 5.662 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 64 Resp: 11131
Ion Ratio Lower Upper
64 100
66 28.8 25.1 37.7

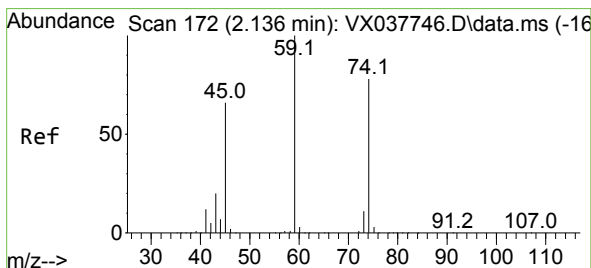
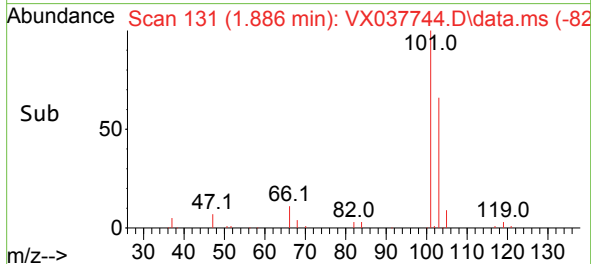
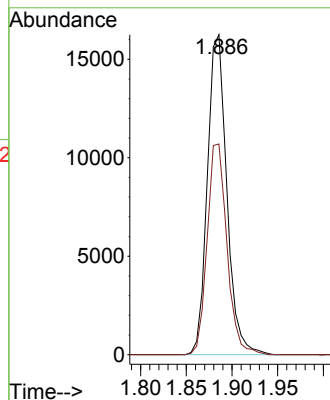
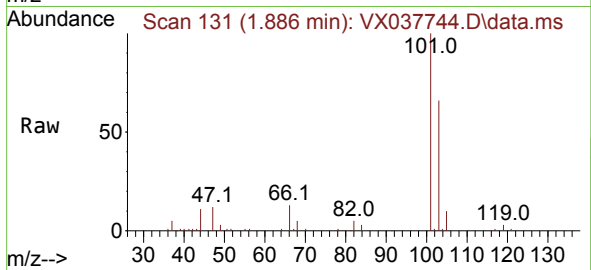




#7
 Trichlorofluoromethane
 Concen: 5.232 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037744.D
 Acq: 15 Sep 2023 09:25

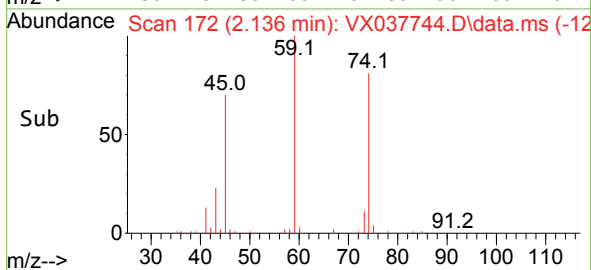
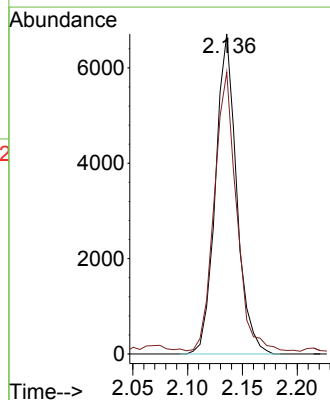
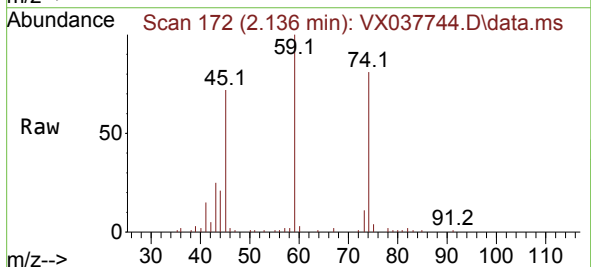
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

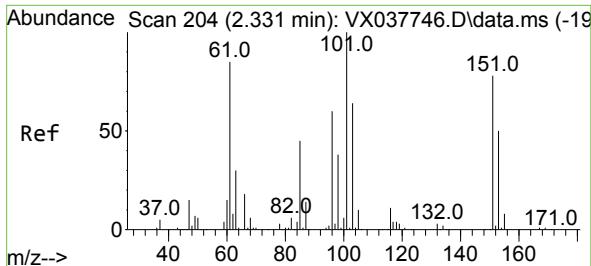
Tgt Ion:101 Resp: 24003
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 5.077 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX037744.D
 Acq: 15 Sep 2023 09:25

Tgt Ion: 74 Resp: 9025
 Ion Ratio Lower Upper
 74 100
 45 92.3 53.3 159.8

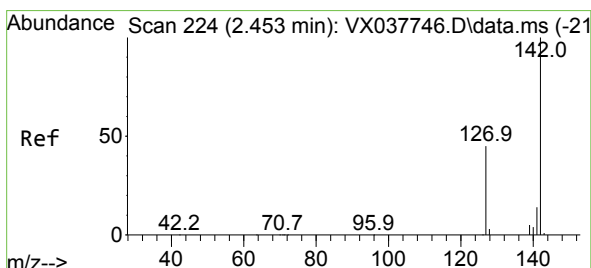
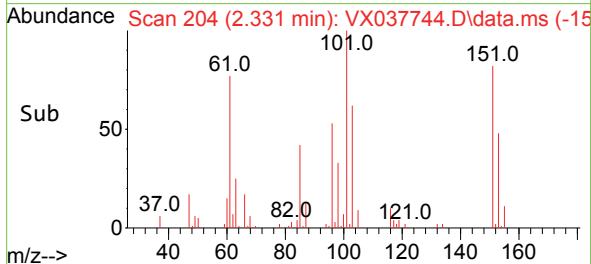
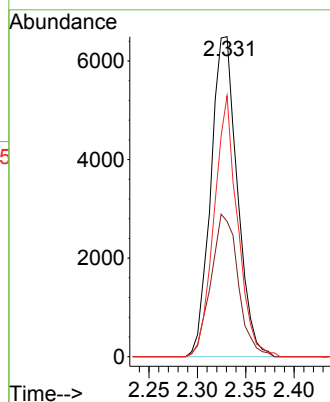
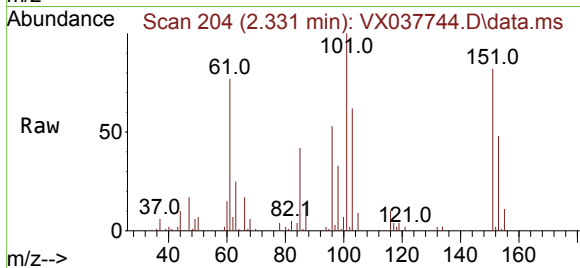




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.324 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

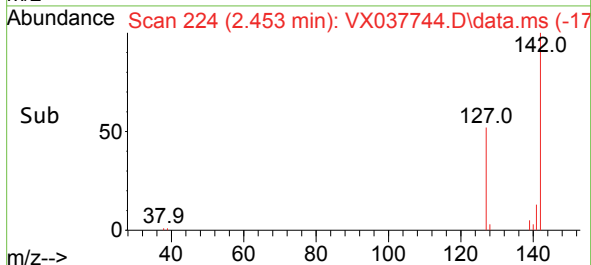
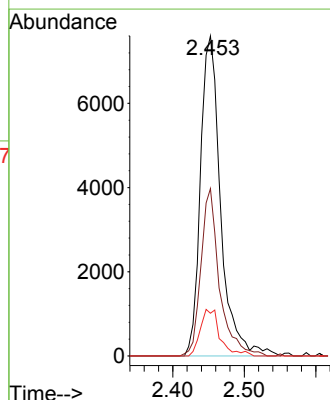
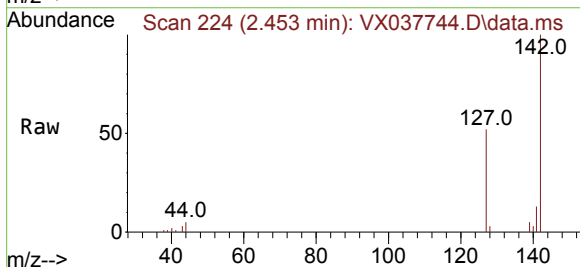
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

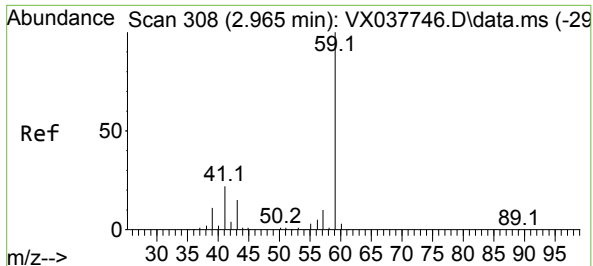
Tgt Ion:101 Resp: 12396
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 72.3 58.6 87.8



#10
Methyl Iodide
Concen: 4.833 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion:142 Resp: 14892
Ion Ratio Lower Upper
142 100
127 48.1 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 27.394 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

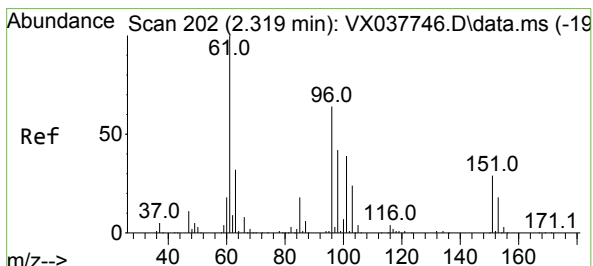
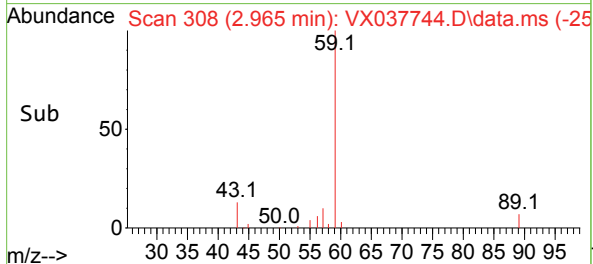
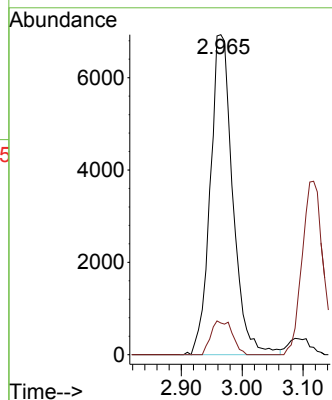
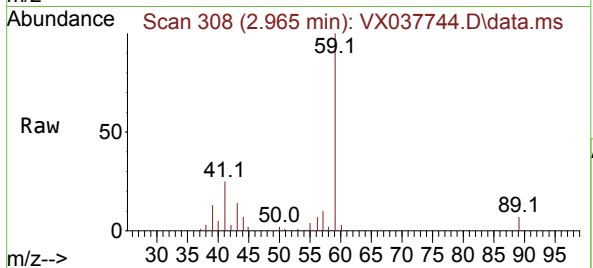
VSTDIC005

Tgt Ion: 59 Resp: 17820

Ion Ratio Lower Upper

59 100

57 10.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 5.173 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

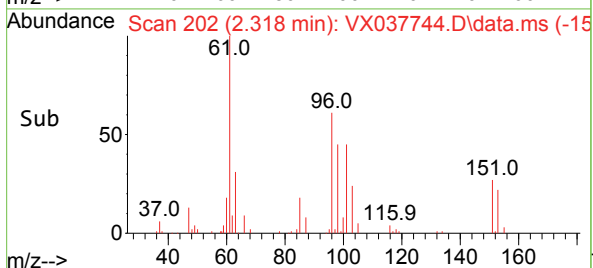
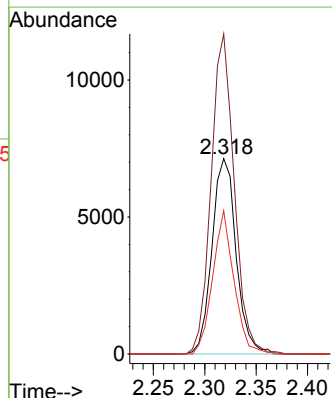
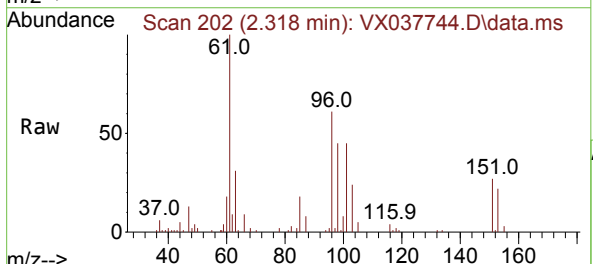
Tgt Ion: 96 Resp: 11640

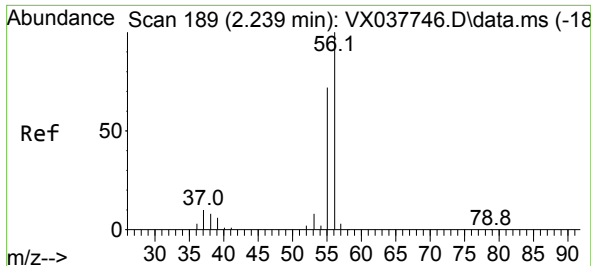
Ion Ratio Lower Upper

96 100

61 163.8 144.6 216.8

98 73.3 50.4 75.6





#13

Acrolein

Concen: 28.003 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

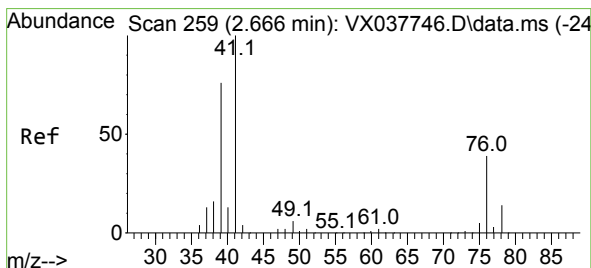
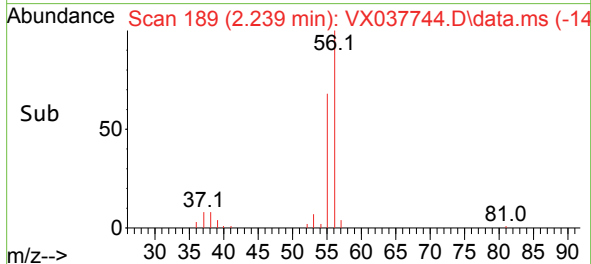
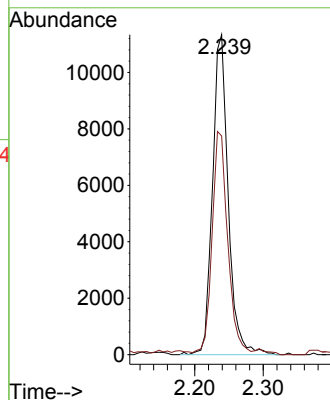
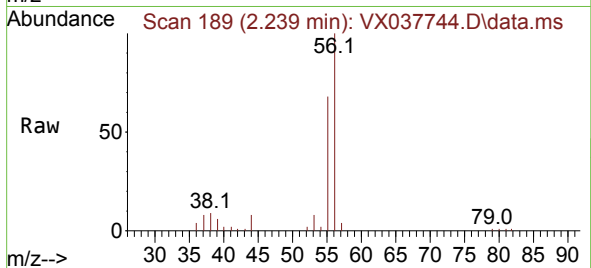
VSTDICC005

Tgt Ion: 56 Resp: 17996

Ion Ratio Lower Upper

56 100

55 67.8 57.1 85.7



#14

Allyl chloride

Concen: 4.876 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

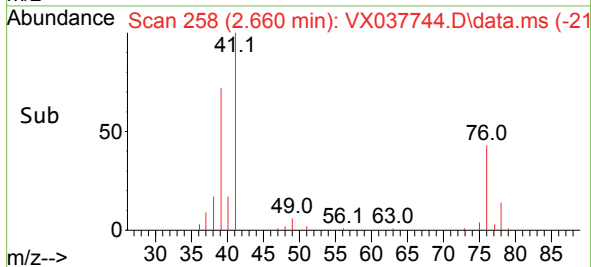
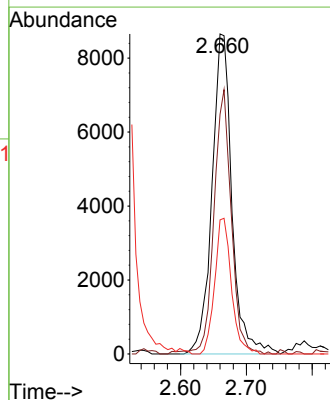
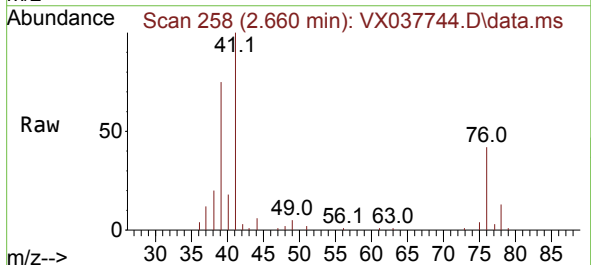
Tgt Ion: 41 Resp: 18274

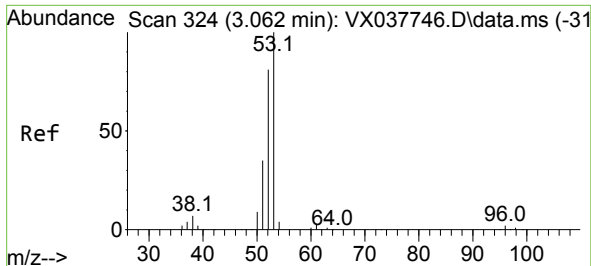
Ion Ratio Lower Upper

41 100

39 72.0 55.8 83.6

76 35.7 24.3 36.5

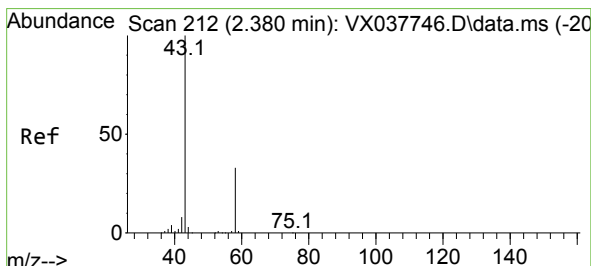
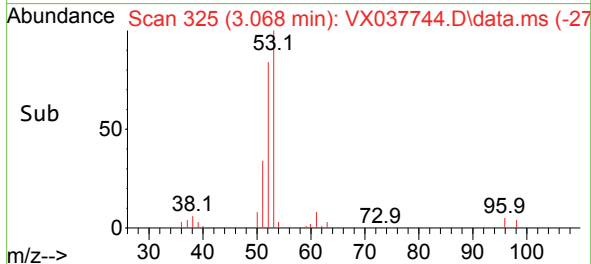
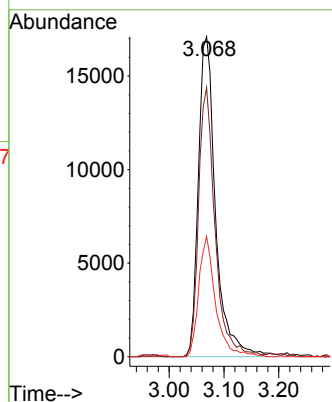
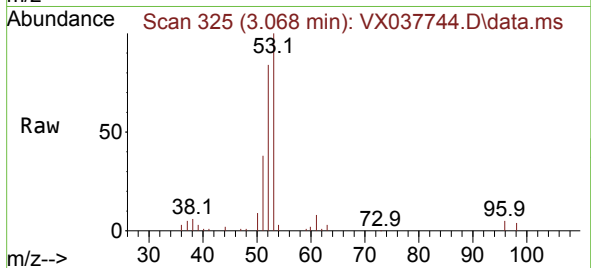




#15
Acrylonitrile
Concen: 25.918 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

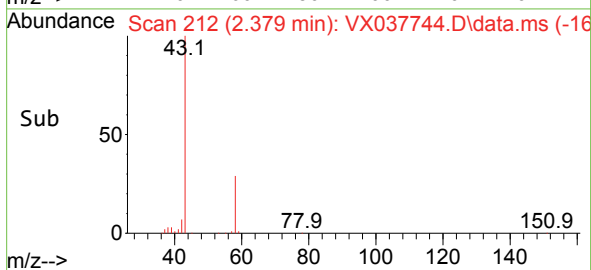
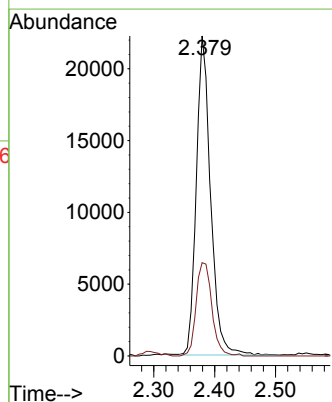
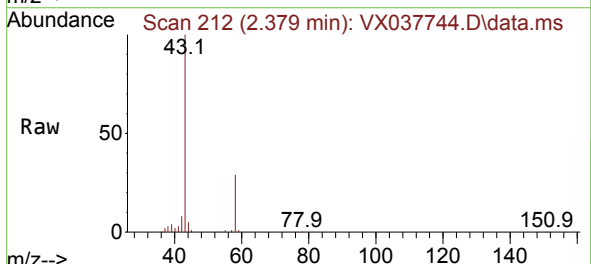
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

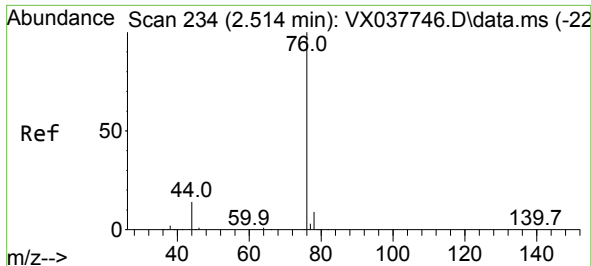
Tgt Ion: 53 Resp: 37486
Ion Ratio Lower Upper
53 100
52 80.4 66.0 99.0
51 36.6 29.8 44.6



#16
Acetone
Concen: 24.751 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 43 Resp: 36084
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9





#17

Carbon Disulfide

Concen: 4.882 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

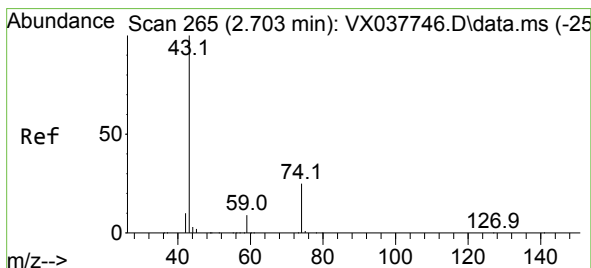
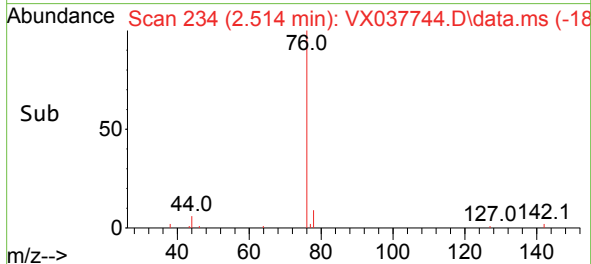
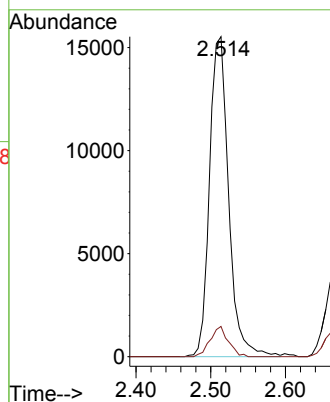
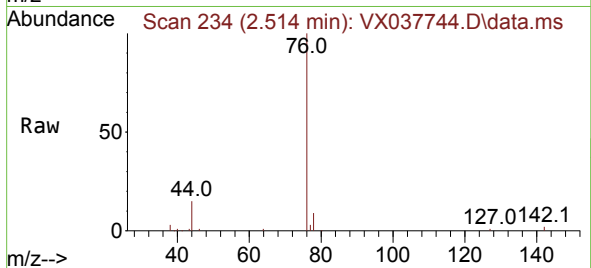
VSTDIC005

Tgt Ion: 76 Resp: 27542

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



#18

Methyl Acetate

Concen: 5.064 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037744.D

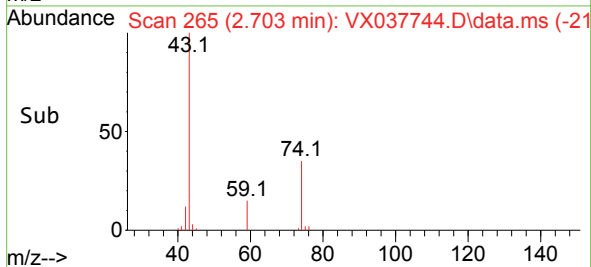
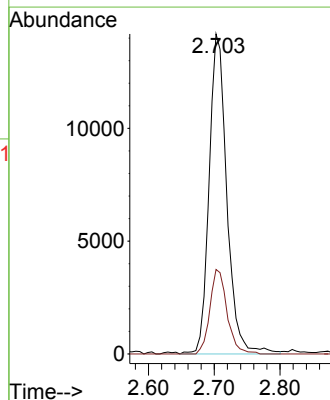
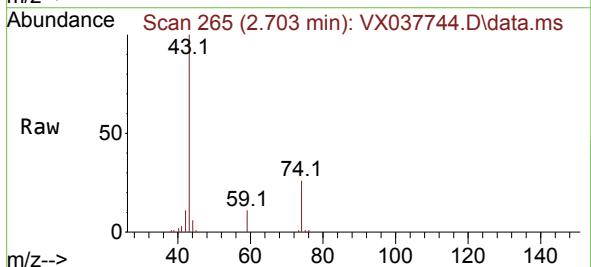
Acq: 15 Sep 2023 09:25

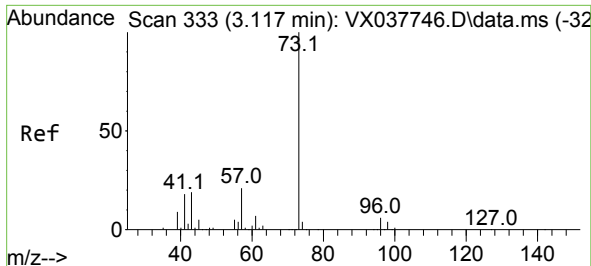
Tgt Ion: 43 Resp: 26630

Ion Ratio Lower Upper

43 100

74 25.5 17.8 26.8

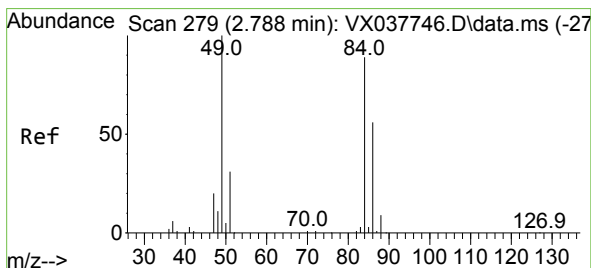
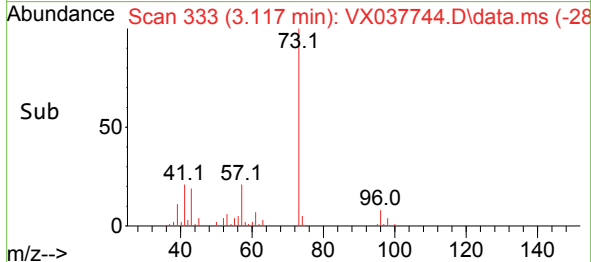
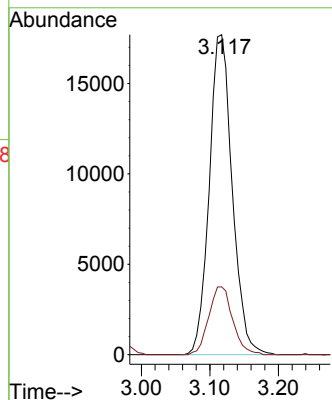
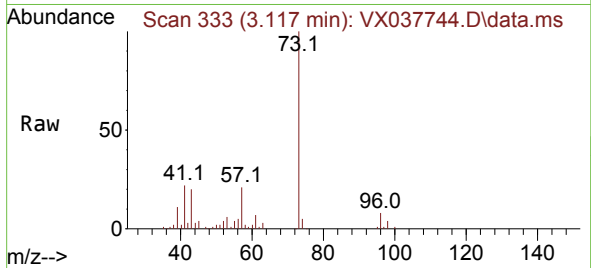




#19
Methyl tert-butyl Ether
Concen: 4.982 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

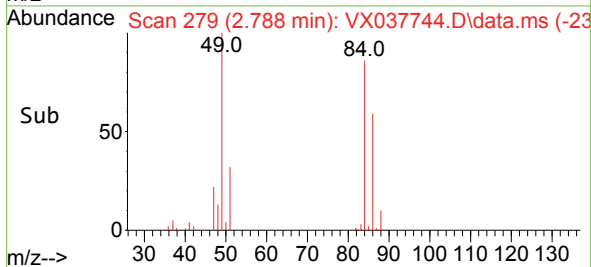
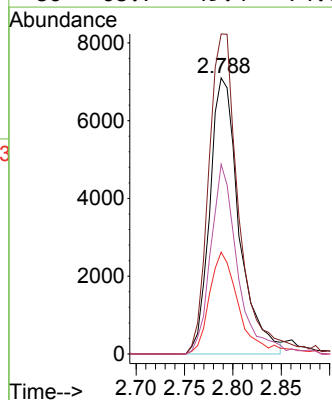
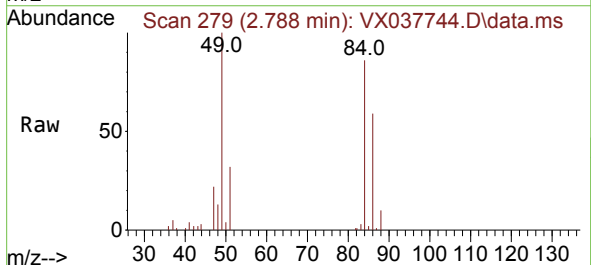
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

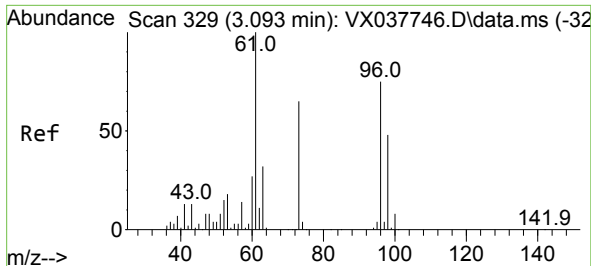
Tgt Ion: 73 Resp: 41239
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 5.516 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 84 Resp: 14928
Ion Ratio Lower Upper
84 100
49 116.0 103.6 155.4
51 36.8 33.8 50.6
86 68.7 49.4 74.0

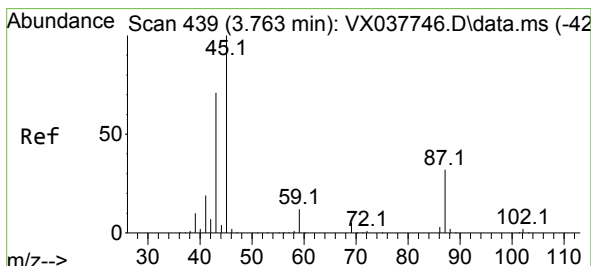
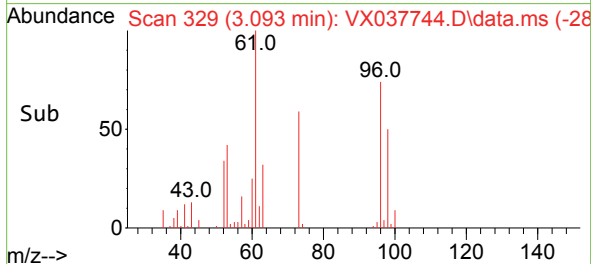
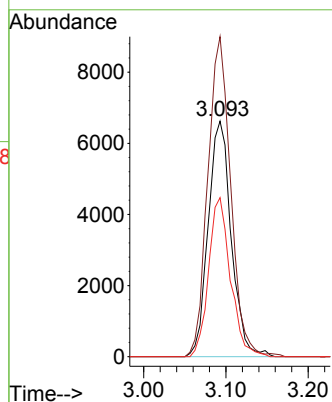
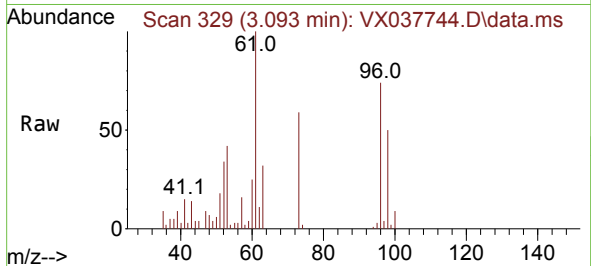




#21
trans-1,2-Dichloroethene
Concen: 5.175 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

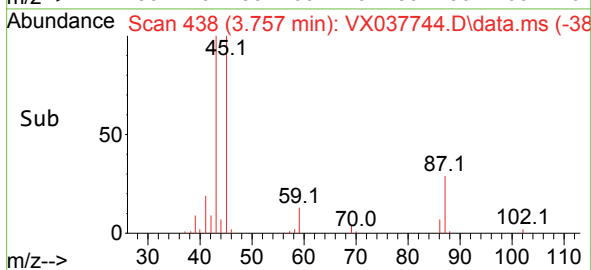
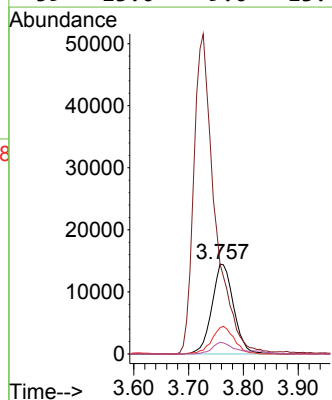
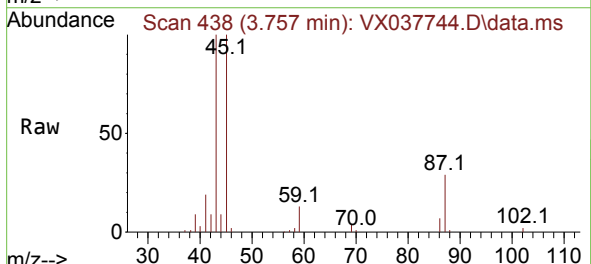
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

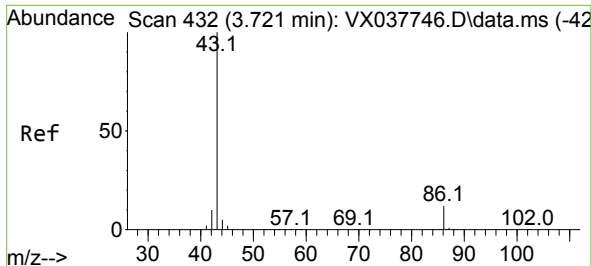
Tgt Ion: 96 Resp: 12932
Ion Ratio Lower Upper
96 100
61 135.9 119.2 178.8
98 67.6 48.7 73.1



#22
Diisopropyl ether
Concen: 5.089 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 45 Resp: 39733
Ion Ratio Lower Upper
45 100
43 98.2 69.7 104.5
87 29.3 20.8 31.2
59 13.0 9.0 13.4

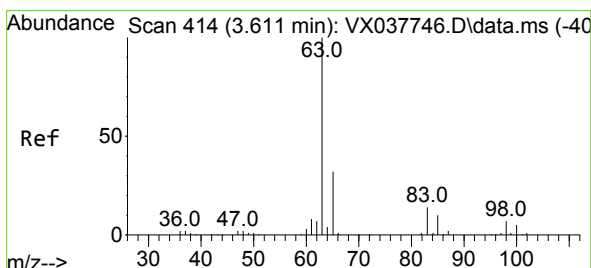
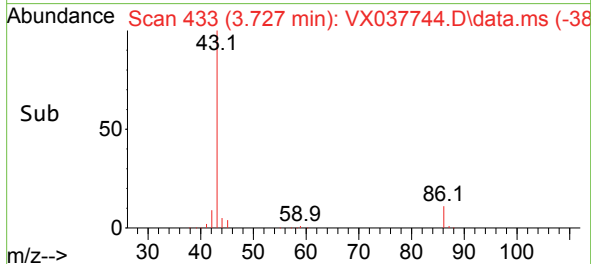
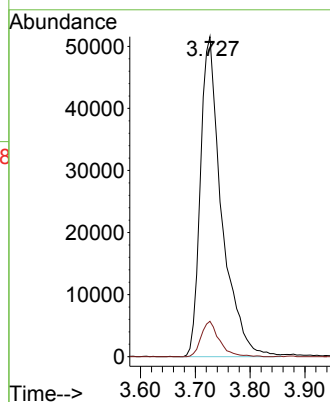
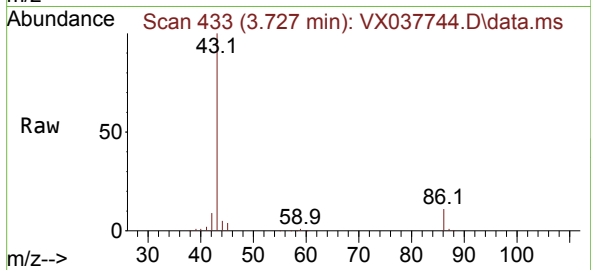




#23
 Vinyl Acetate
 Concen: 24.171 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037744.D
 Acq: 15 Sep 2023 09:25

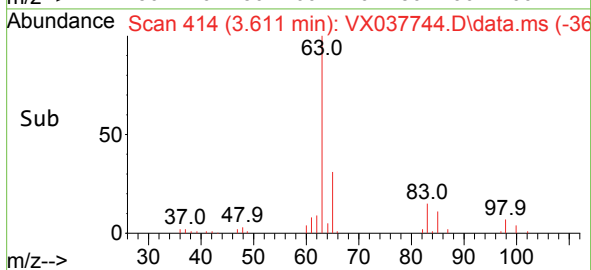
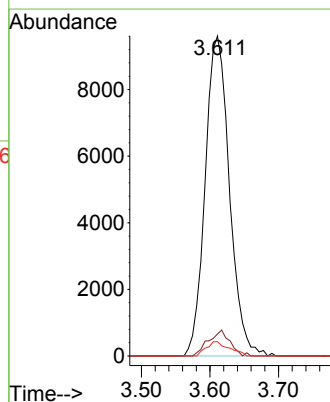
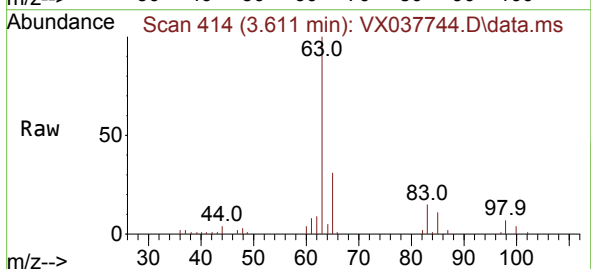
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

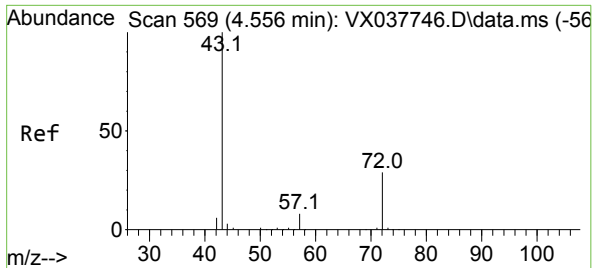
Tgt Ion: 43 Resp: 138801
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 5.058 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037744.D
 Acq: 15 Sep 2023 09:25

Tgt Ion: 63 Resp: 23663
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 24.992 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

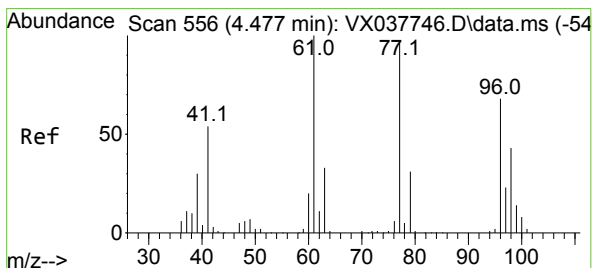
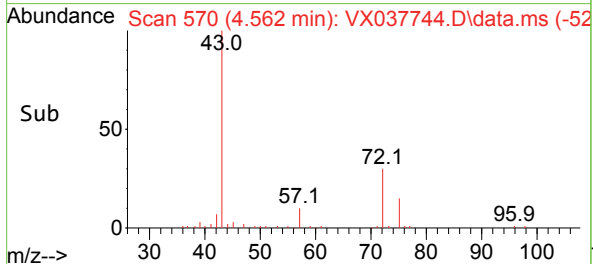
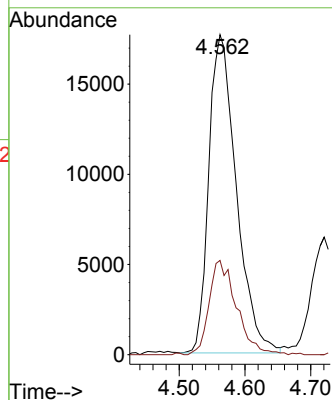
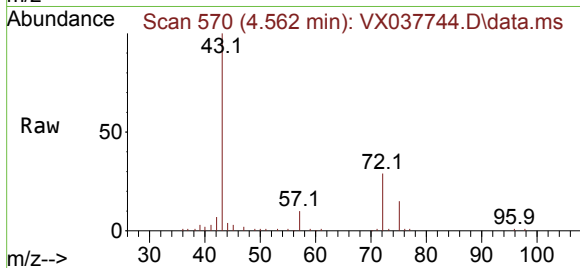
VSTDIC005

Tgt Ion: 43 Resp: 51403

Ion Ratio Lower Upper

43 100

72 29.2 19.4 29.2



#26

2,2-Dichloropropane

Concen: 4.869 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037744.D

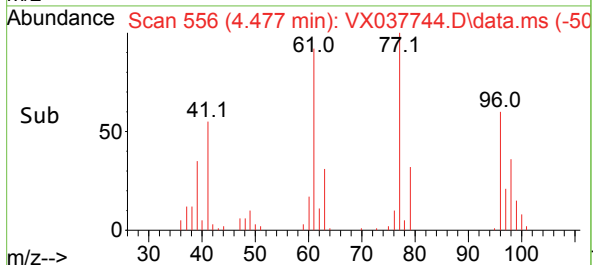
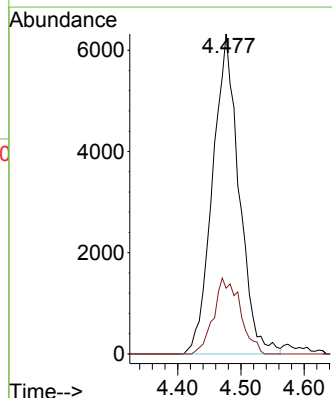
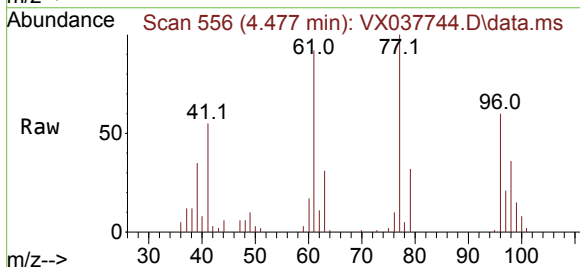
Acq: 15 Sep 2023 09:25

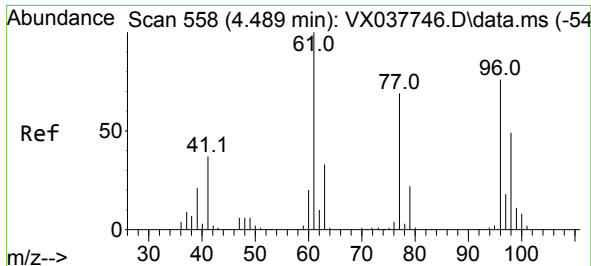
Tgt Ion: 77 Resp: 18404

Ion Ratio Lower Upper

77 100

97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.100 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

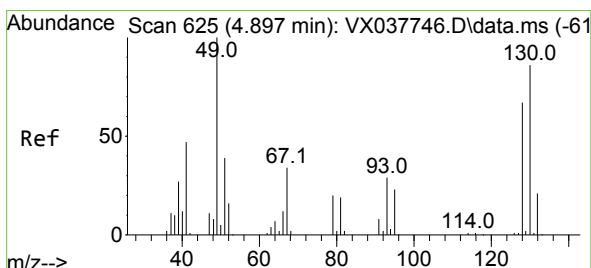
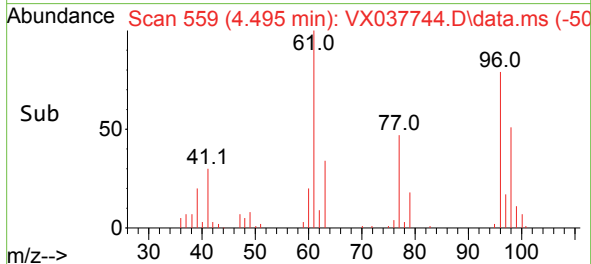
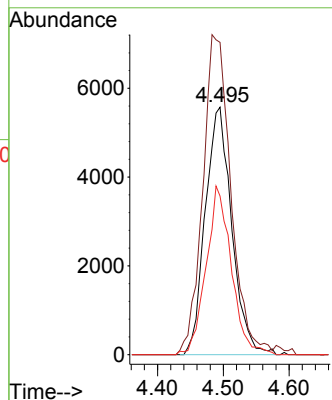
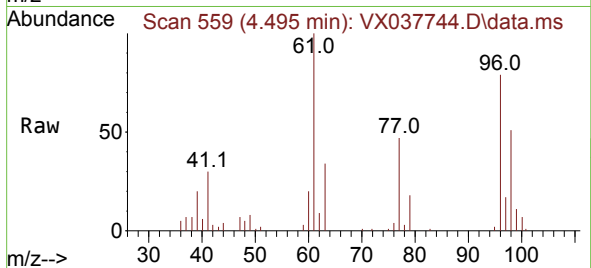
Tgt Ion: 96 Resp: 15622

Ion Ratio Lower Upper

96 100

61 137.2 0.0 312.2

98 64.9 0.0 129.0



#28

Bromochloromethane

Concen: 5.422 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

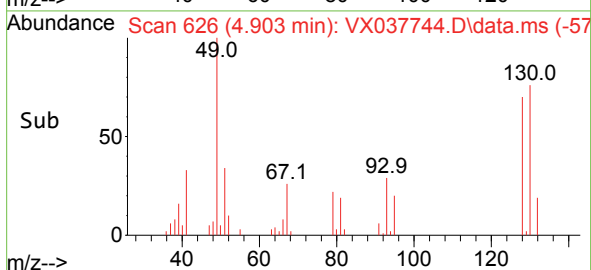
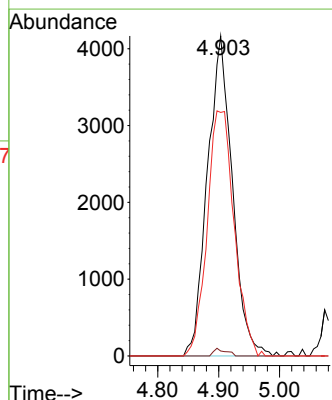
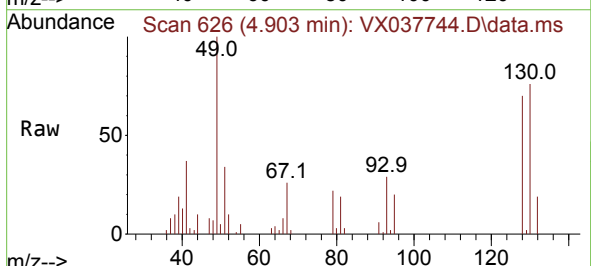
Tgt Ion: 49 Resp: 11834

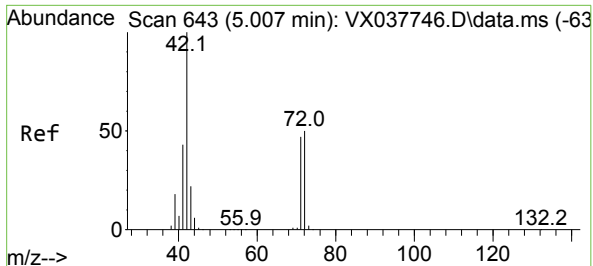
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

130 83.0 57.5 86.3

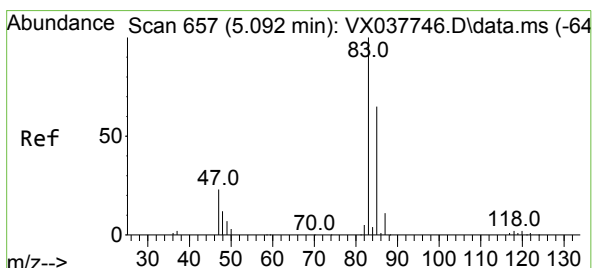
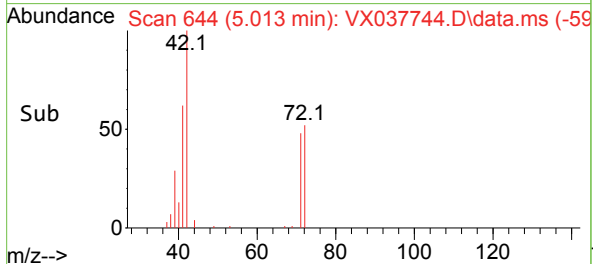
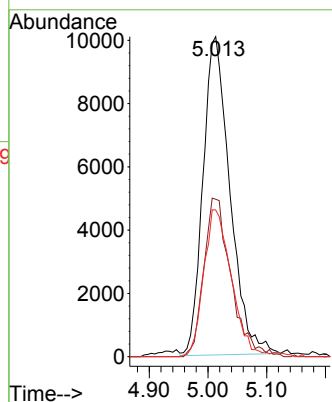
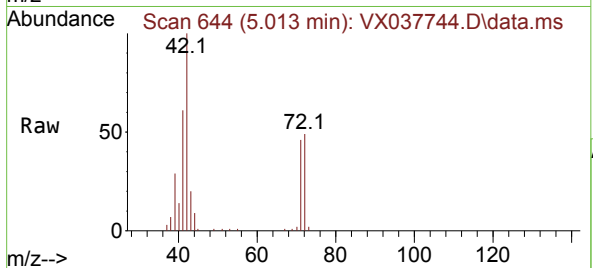




#29
Tetrahydrofuran
Concen: 25.072 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

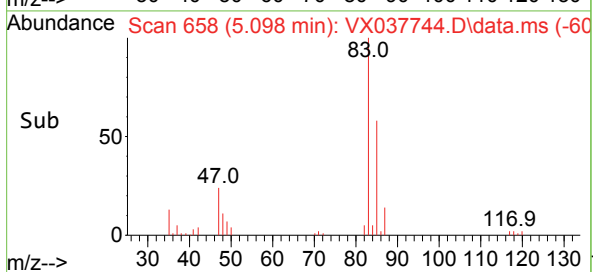
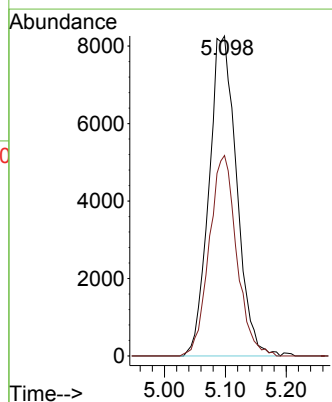
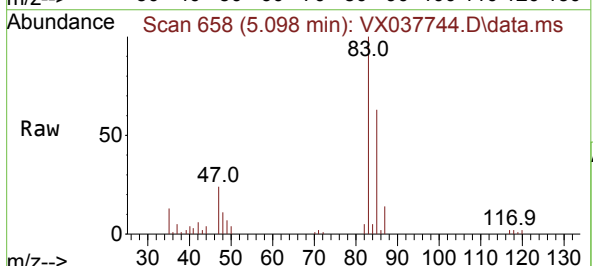
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

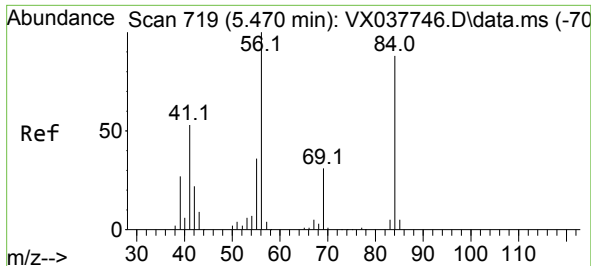
Tgt Ion: 42 Resp: 32082
Ion Ratio Lower Upper
42 100
72 50.2 34.2 51.4
71 47.3 32.2 48.2



#30
Chloroform
Concen: 5.173 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 83 Resp: 26068
Ion Ratio Lower Upper
83 100
85 62.7 50.3 75.5

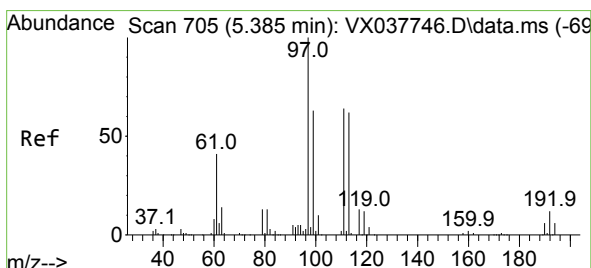
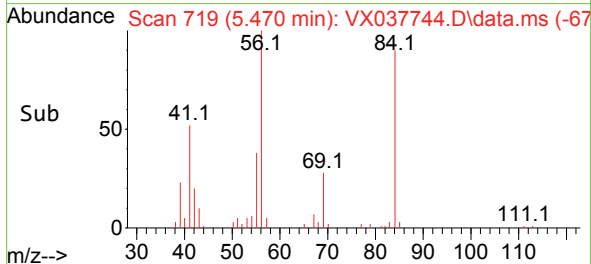
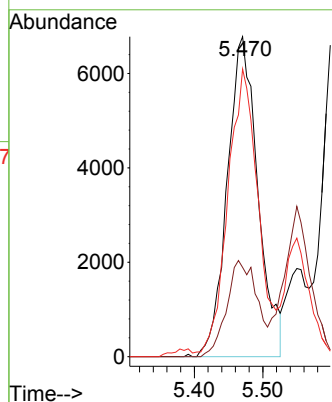
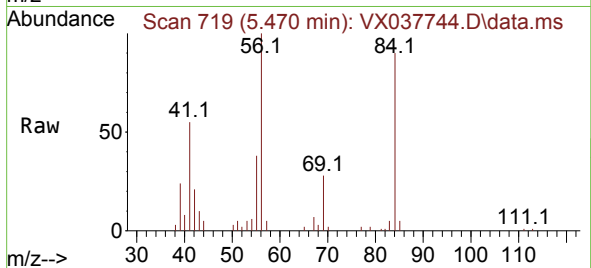




#31
Cyclohexane
Concen: 5.403 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

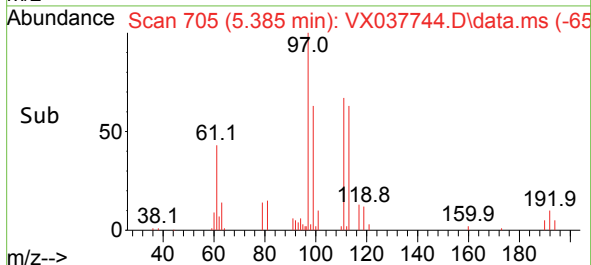
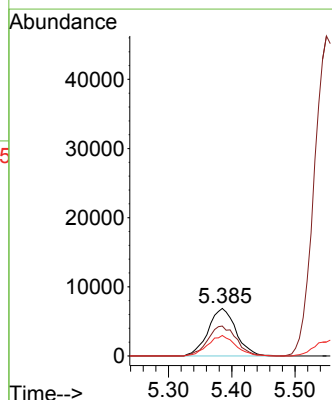
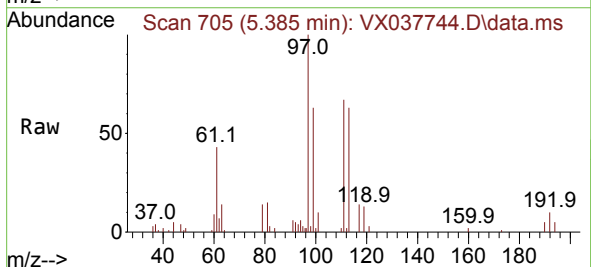
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

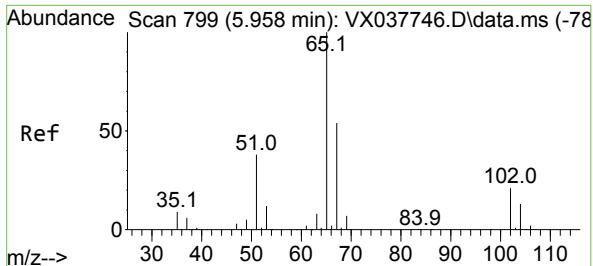
Tgt Ion:	56	Resp:	21018
Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.4	35.2
84	87.5	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 4.909 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion:	97	Resp:	20946
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	42.6	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 5.632 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

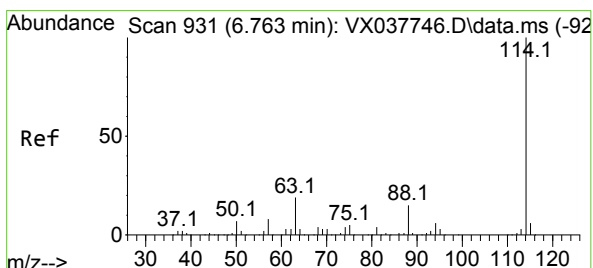
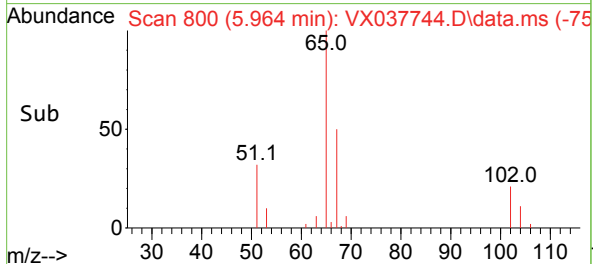
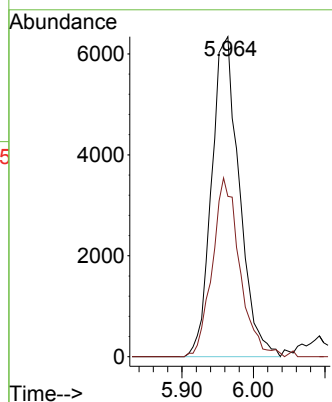
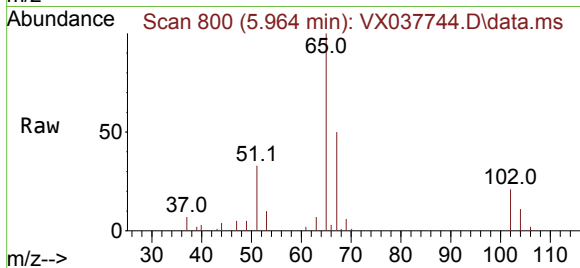
VSTDIC005

Tgt Ion: 65 Resp: 17068

Ion Ratio Lower Upper

65 100

67 55.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

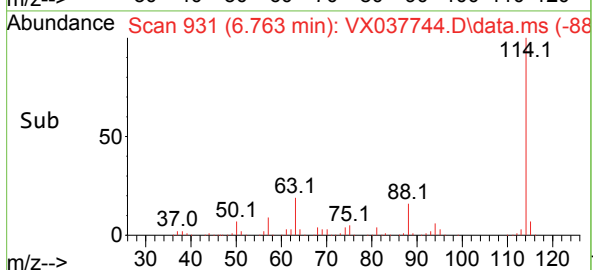
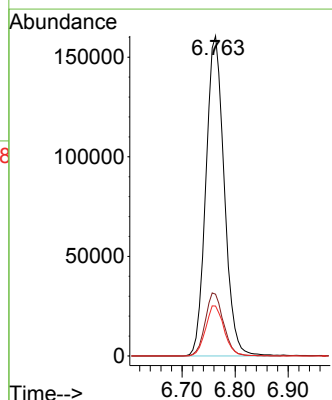
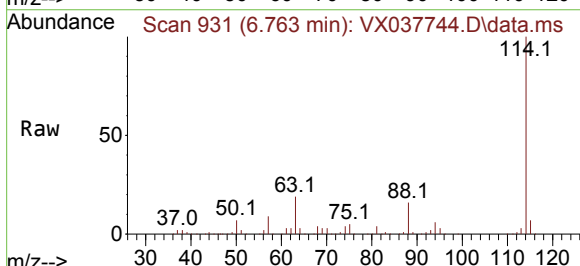
Tgt Ion: 114 Resp: 385483

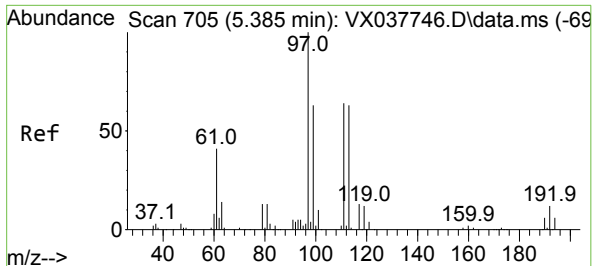
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 15.6 0.0 36.6

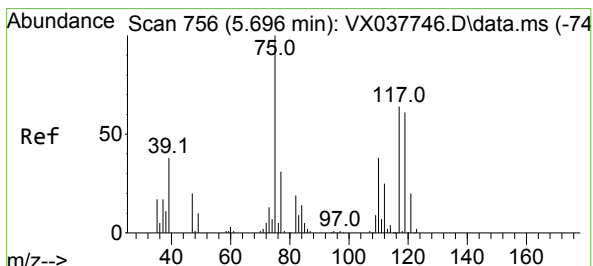
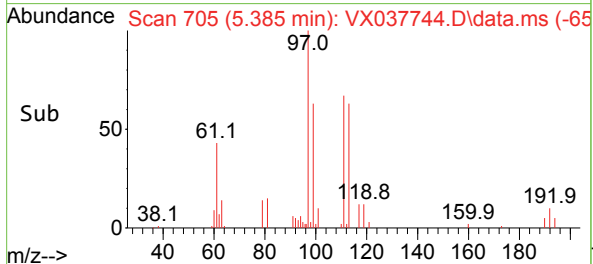
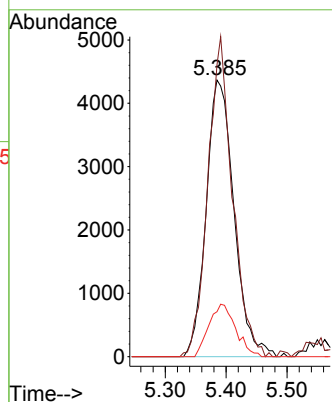
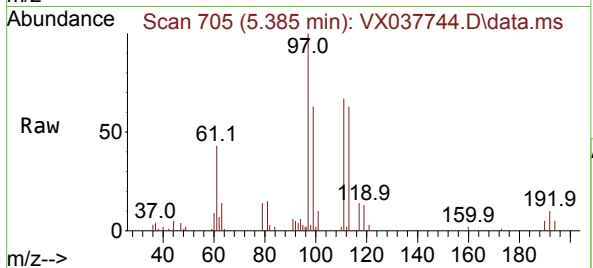




#35
Dibromofluoromethane
Concen: 5.369 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

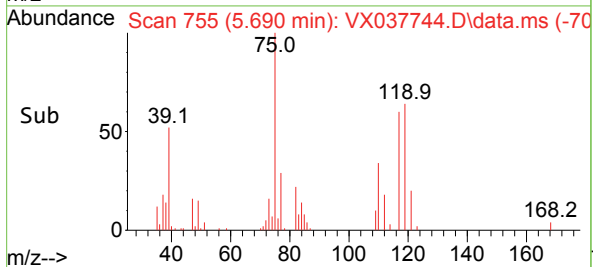
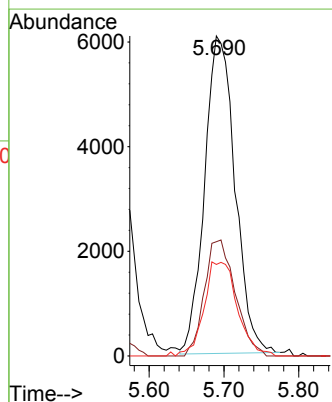
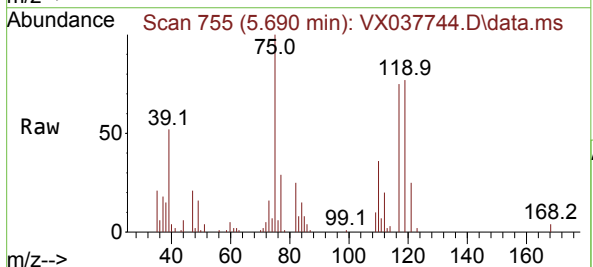
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

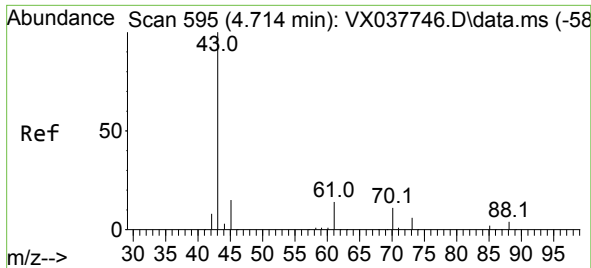
Tgt Ion:113 Resp: 13849
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.834 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 75 Resp: 17175
Ion Ratio Lower Upper
75 100
110 37.1 17.0 50.9
77 32.5 24.7 37.1





#37

Ethyl Acetate

Concen: 5.084 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.012 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

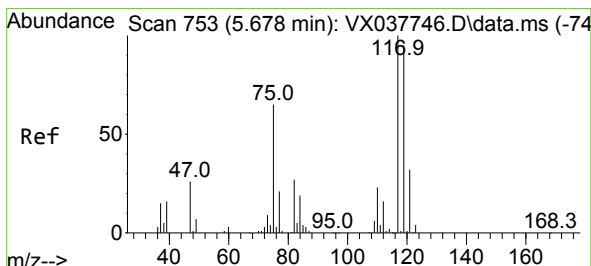
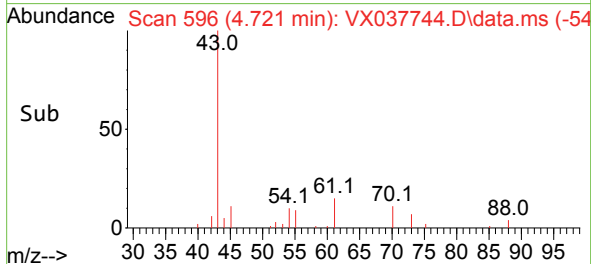
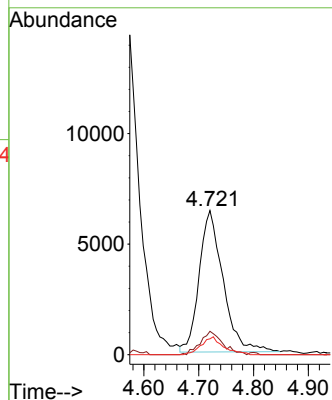
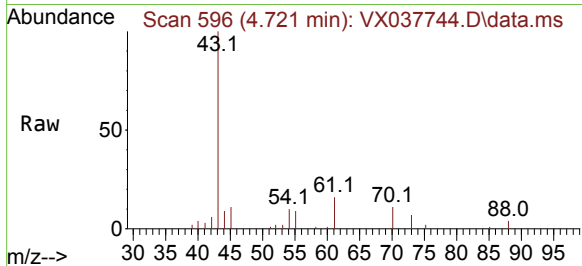
Tgt Ion: 43 Resp: 19394

Ion Ratio Lower Upper

43 100

61 15.3 10.6 16.0

70 11.6 8.3 12.5



#38

Carbon Tetrachloride

Concen: 4.894 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

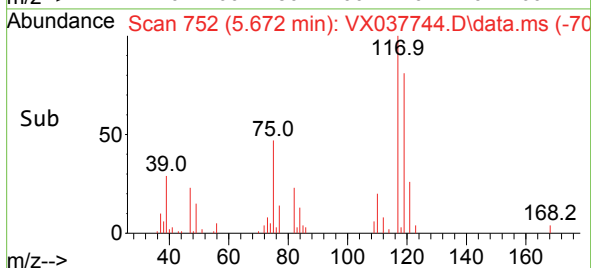
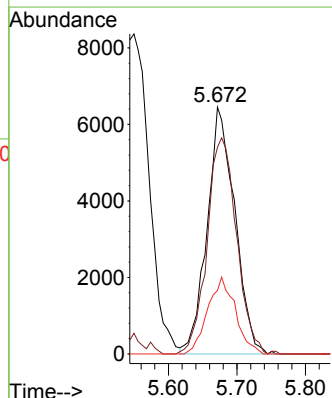
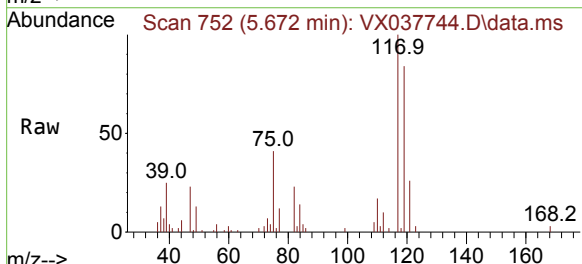
Tgt Ion: 117 Resp: 18195

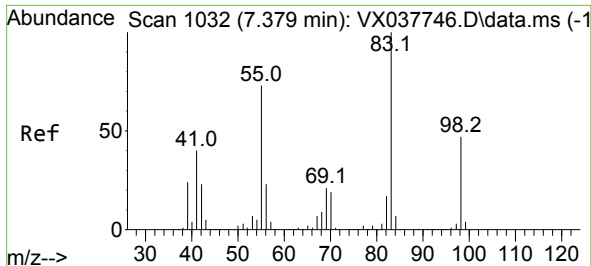
Ion Ratio Lower Upper

117 100

119 83.8 78.2 117.2

121 25.8 24.4 36.6





#39

Methylcyclohexane

Concen: 5.017 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

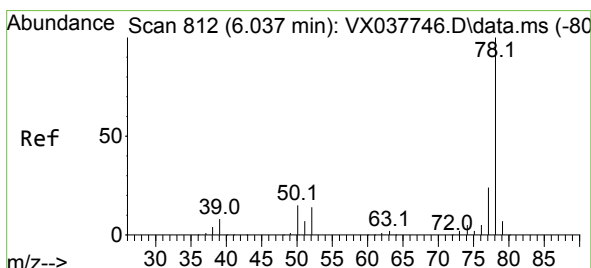
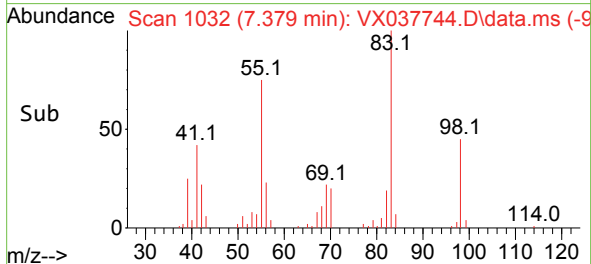
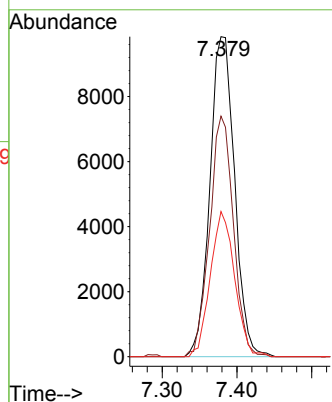
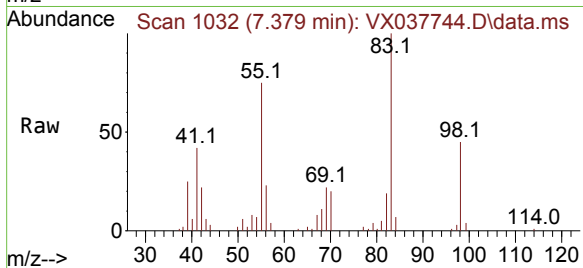
Tgt Ion: 83 Resp: 22623

Ion Ratio Lower Upper

83 100

55 75.1 64.6 97.0

98 45.4 36.7 55.1



#40

Benzene

Concen: 5.070 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037744.D

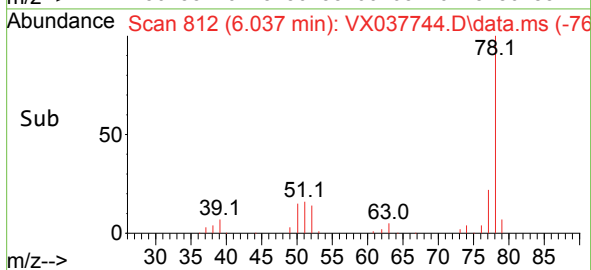
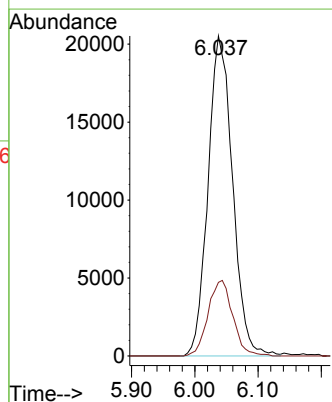
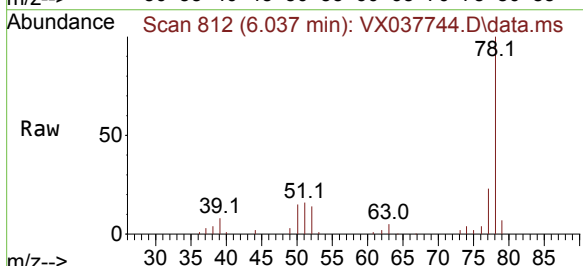
Acq: 15 Sep 2023 09:25

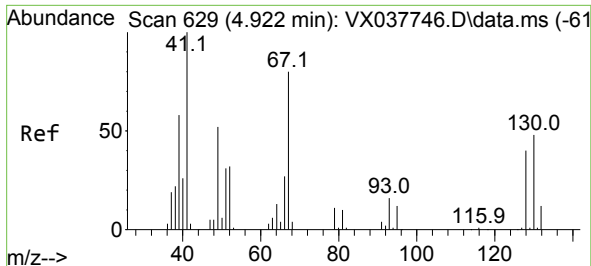
Tgt Ion: 78 Resp: 55395

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9

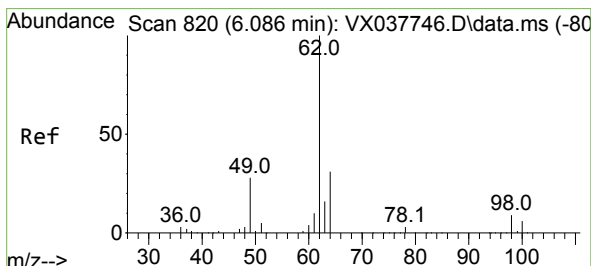
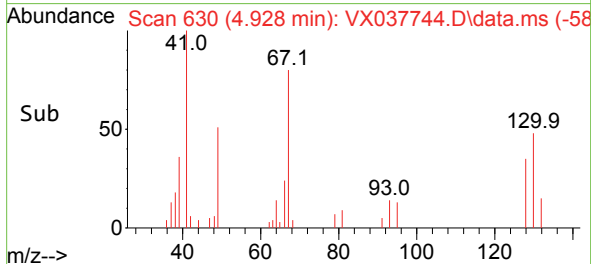
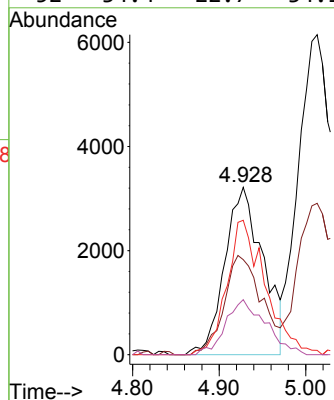
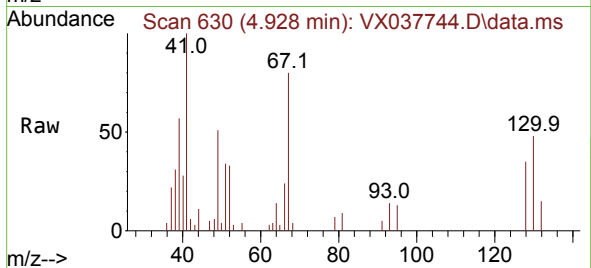




#41
Methacrylonitrile
Concen: 4.973 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.019 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

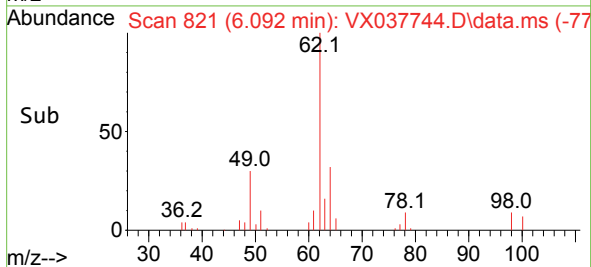
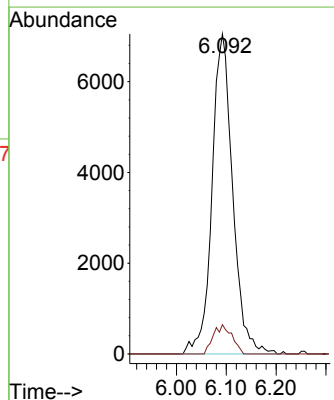
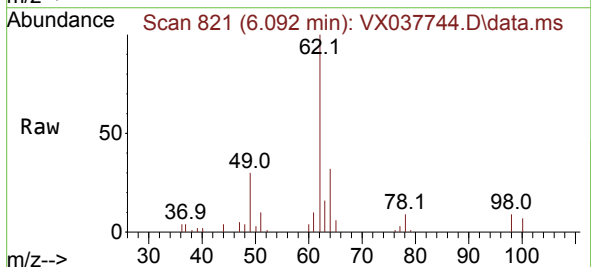
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

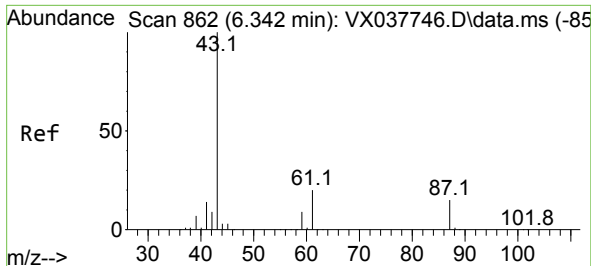
Tgt Ion:	41	Resp:	9904
Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.2	67.8
67	80.5	52.6	78.8#
52	34.4	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 5.126 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion:	62	Resp:	20305
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.0





#43

Isopropyl Acetate

Concen: 4.742 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

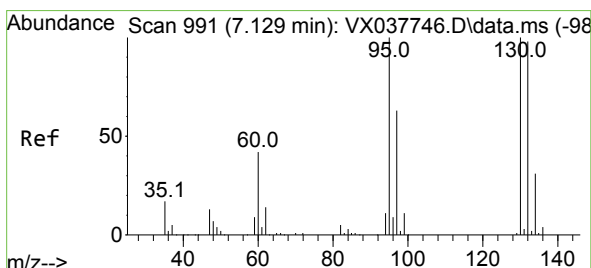
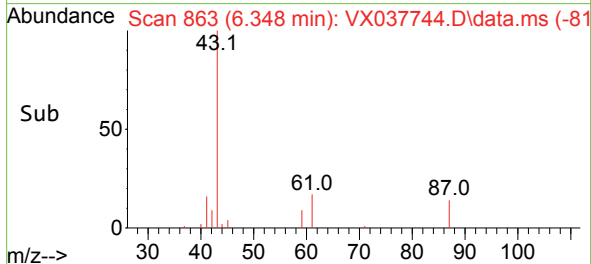
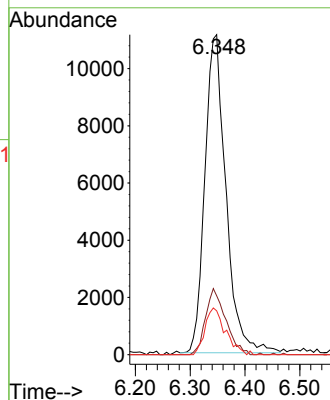
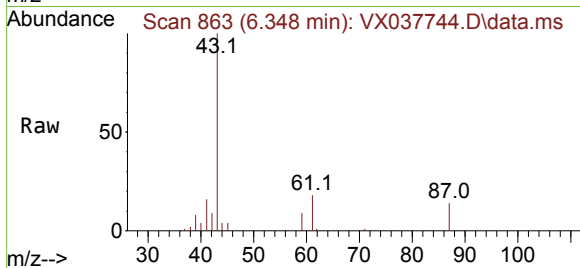
Tgt Ion: 43 Resp: 29617

Ion Ratio Lower Upper

43 100

61 19.9 15.2 22.8

87 14.2 9.8 14.6



#44

Trichloroethene

Concen: 4.986 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037744.D

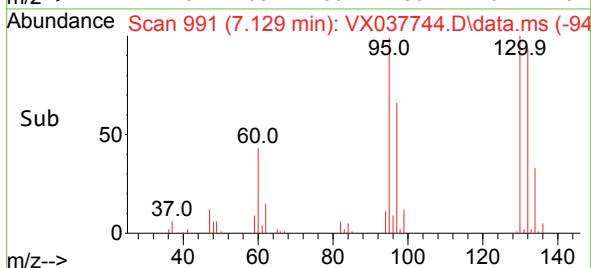
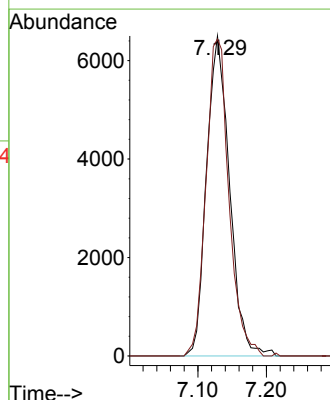
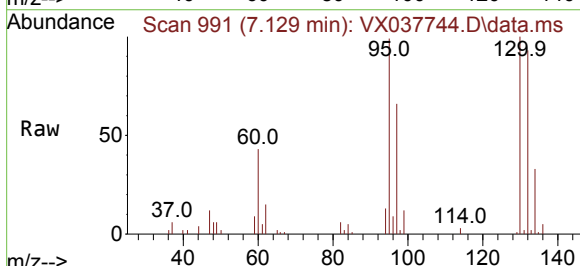
Acq: 15 Sep 2023 09:25

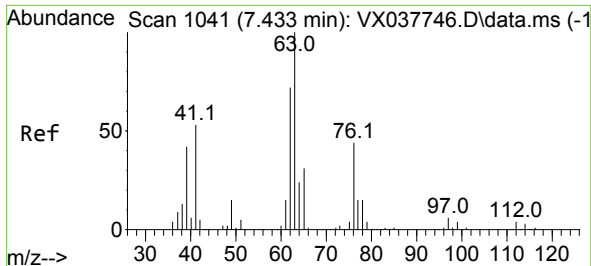
Tgt Ion:130 Resp: 15170

Ion Ratio Lower Upper

130 100

95 99.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.114 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

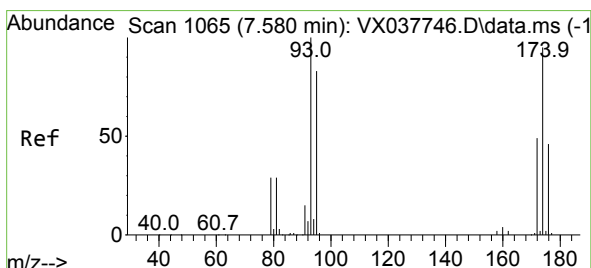
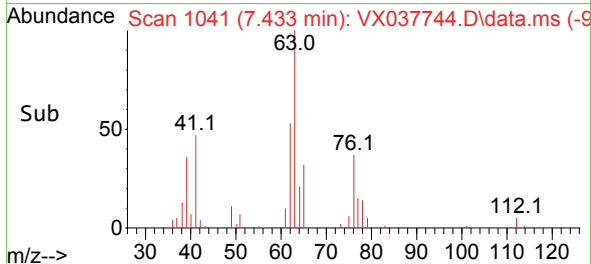
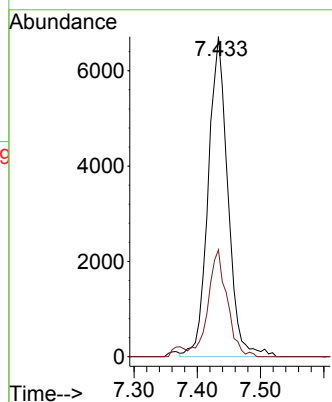
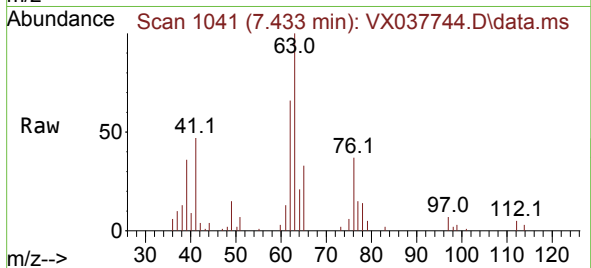
VSTDICC005

Tgt Ion: 63 Resp: 14511

Ion Ratio Lower Upper

63 100

65 33.4 24.3 36.5



#46

Dibromomethane

Concen: 4.922 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

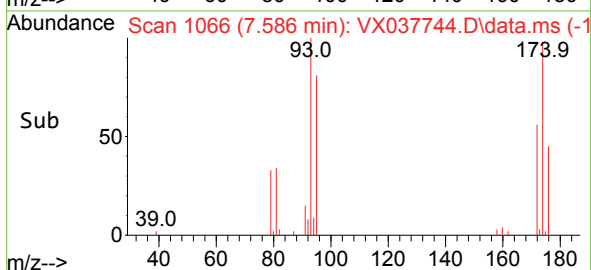
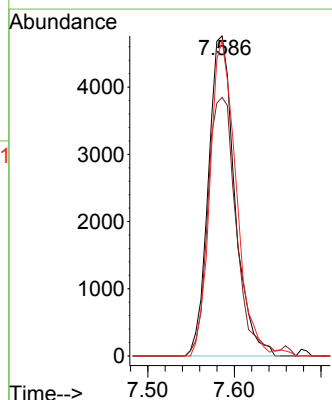
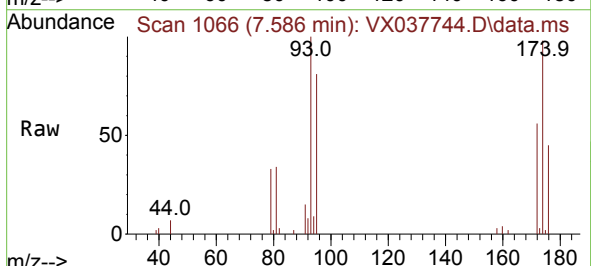
Tgt Ion: 93 Resp: 10046

Ion Ratio Lower Upper

93 100

95 86.7 66.6 100.0

174 97.8 69.4 104.0

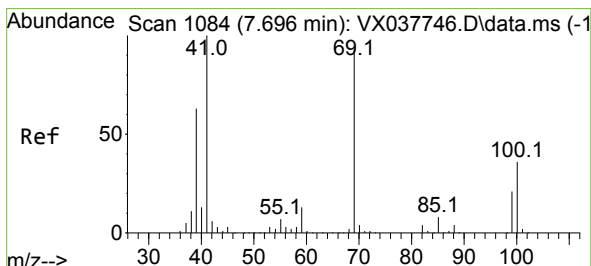
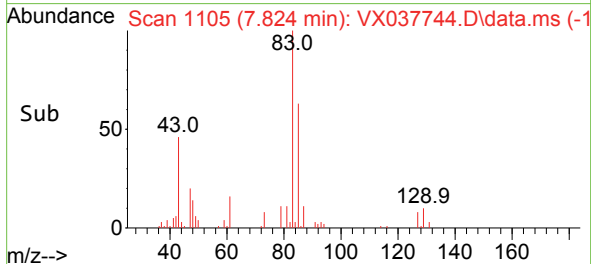
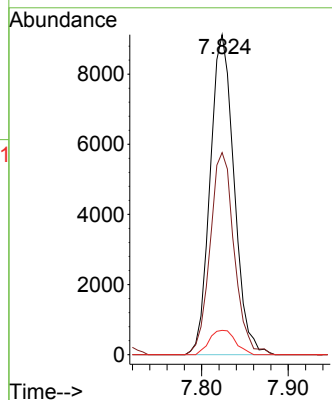
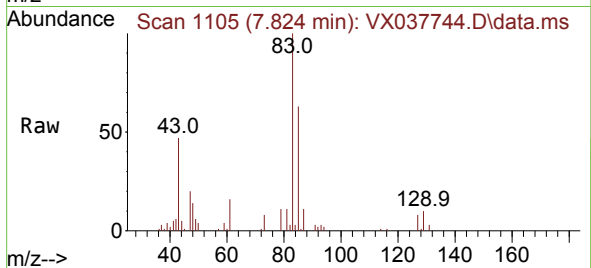




#47
Bromodichloromethane
Concen: 4.652 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

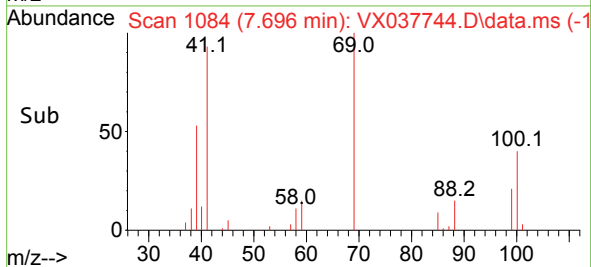
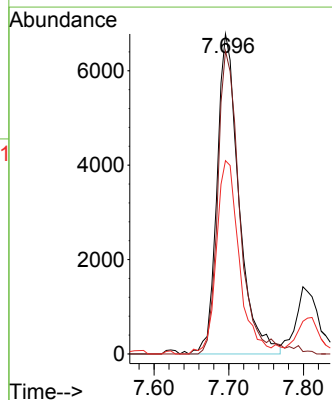
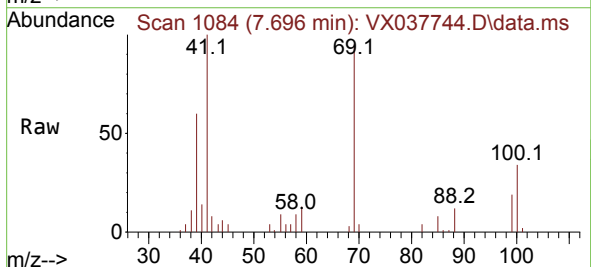
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

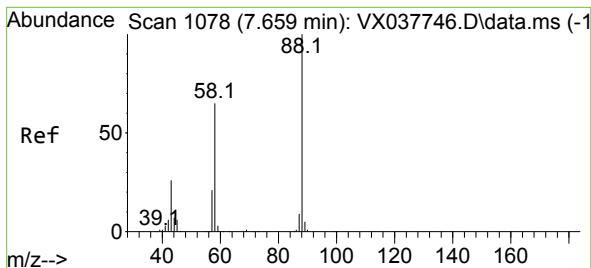
Tgt Ion:	83	Resp:	17486
Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.8	74.6
127	7.6	7.1	10.7



#48
Methyl methacrylate
Concen: 4.660 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion:	41	Resp:	13914
Ion	Ratio	Lower	Upper
41	100		
69	95.0	59.2	88.8
39	62.3	47.7	71.5





#49

1,4-Dioxane

Concen: 103.670 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

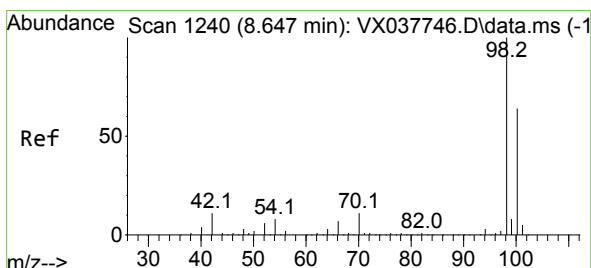
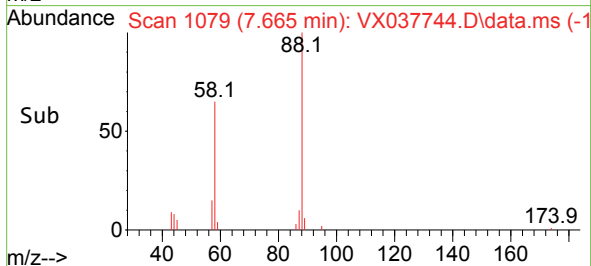
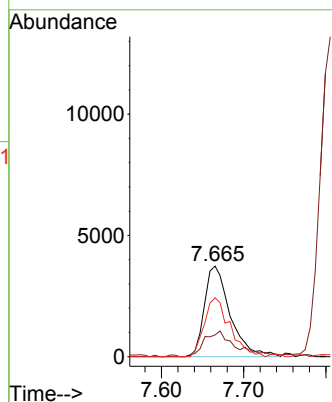
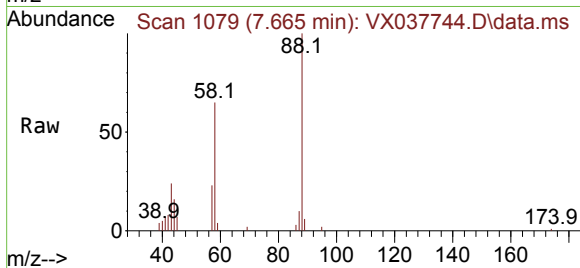
Tgt Ion: 88 Resp: 8115

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0#

58 64.5 60.1 90.1



#50

Toluene-d8

Concen: 5.330 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037744.D

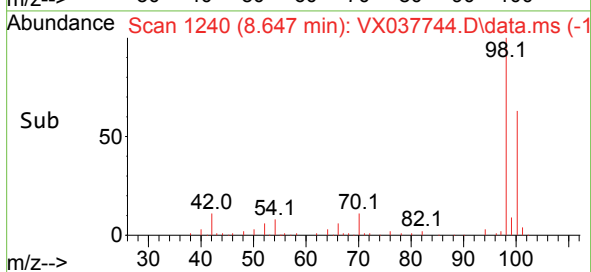
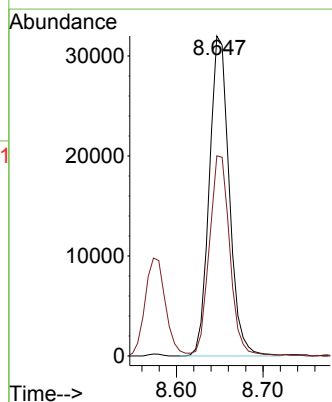
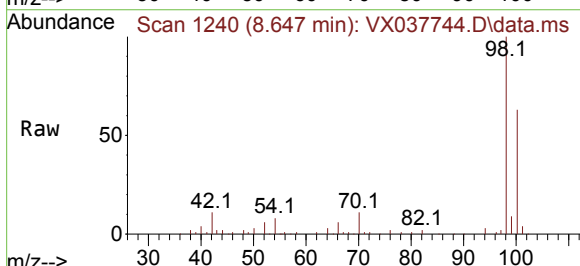
Acq: 15 Sep 2023 09:25

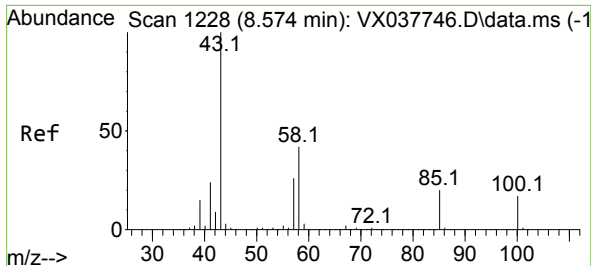
Tgt Ion: 98 Resp: 51081

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7

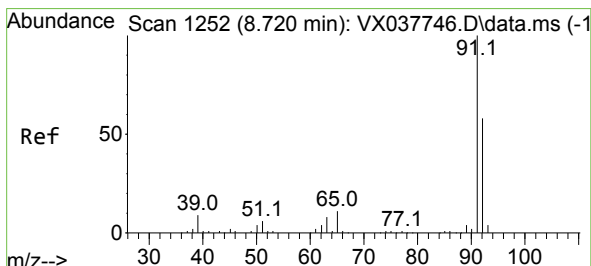
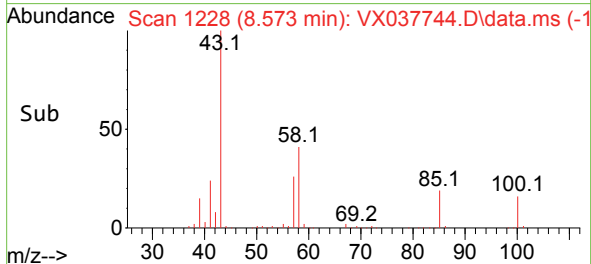
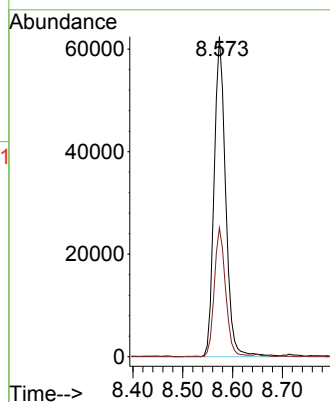
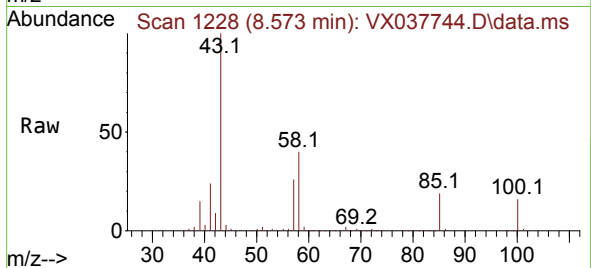




#51
4-Methyl-2-Pentanone
Concen: 25.361 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

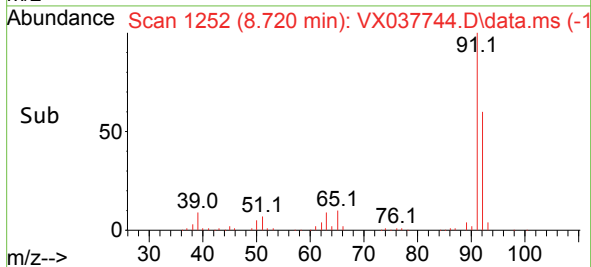
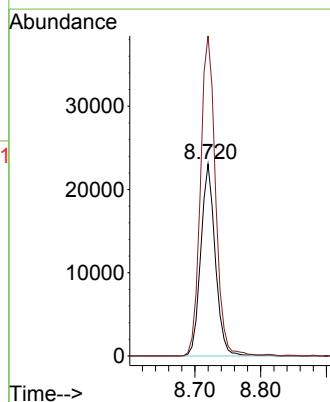
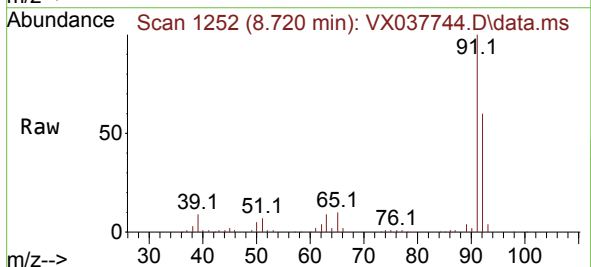
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

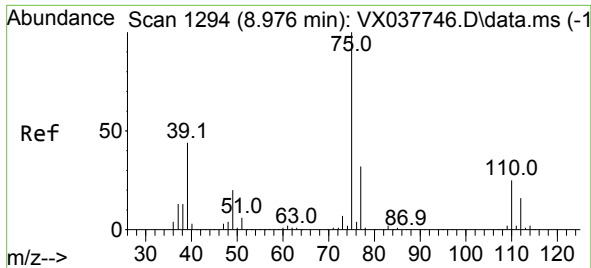
Tgt Ion: 43 Resp: 100502
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6



#52
Toluene
Concen: 5.026 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 92 Resp: 35390
Ion Ratio Lower Upper
92 100
91 172.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.266 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. -0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

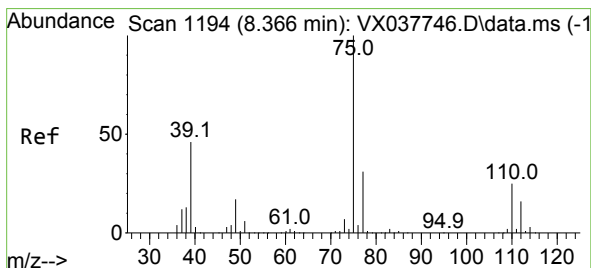
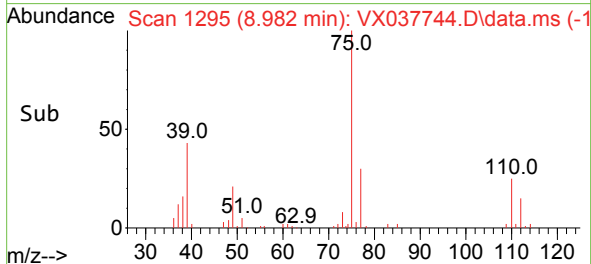
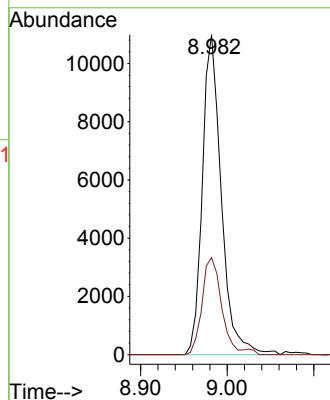
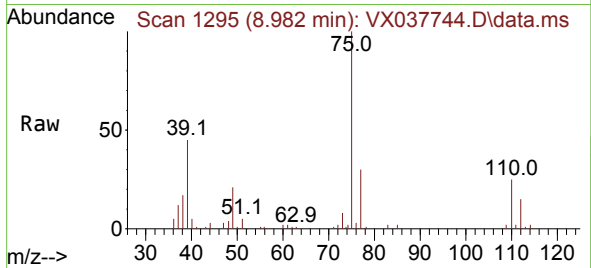
VSTDIC005

Tgt Ion: 75 Resp: 16691

Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 4.421 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

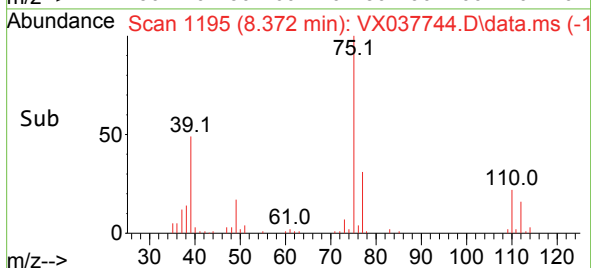
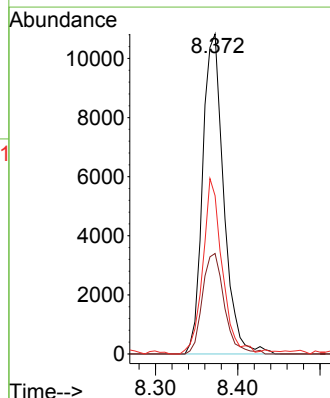
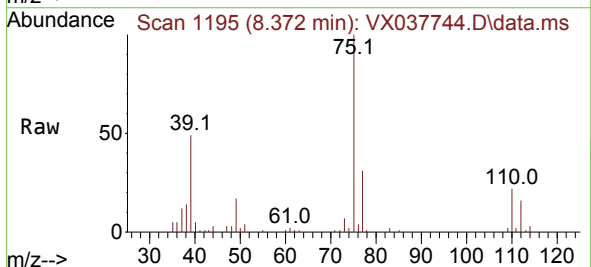
Tgt Ion: 75 Resp: 19230

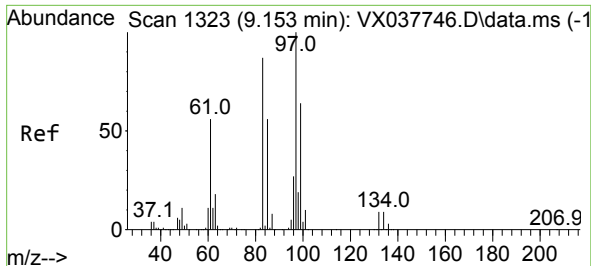
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 49.5 46.7 70.1

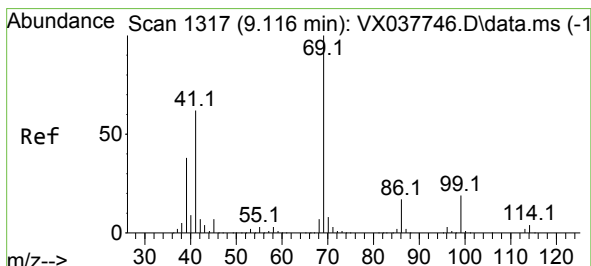
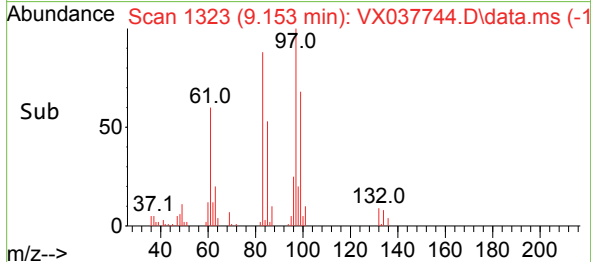
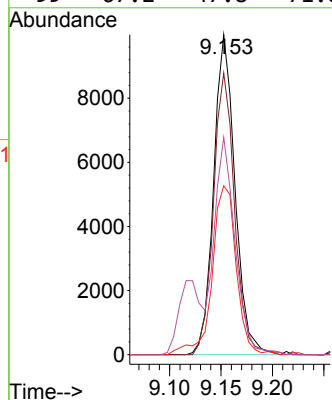
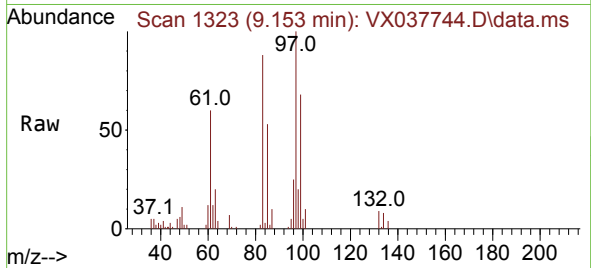




#55
1,1,2-Trichloroethane
Concen: 4.859 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

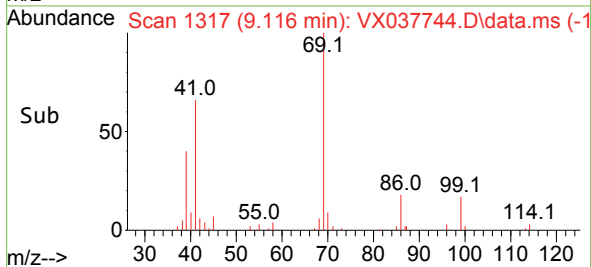
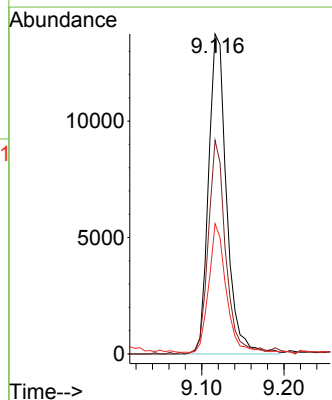
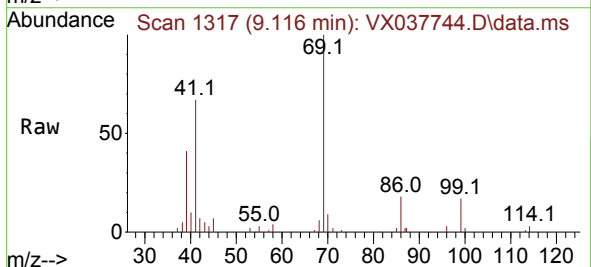
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

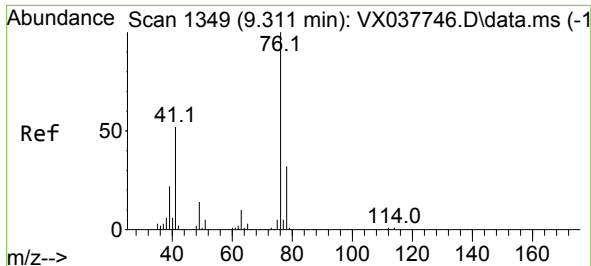
Tgt Ion: 97	Resp: 14425
Ion Ratio	Lower Upper
97 100	
83 88.0	65.8 98.8
85 52.7	41.6 62.4
99 67.2	47.8 71.8



#56
Ethyl methacrylate
Concen: 4.731 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 69	Resp: 20968
Ion Ratio	Lower Upper
69 100	
41 64.8	56.8 85.2
39 39.0	32.0 48.0





#57

1,3-Dichloropropane

Concen: 5.031 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

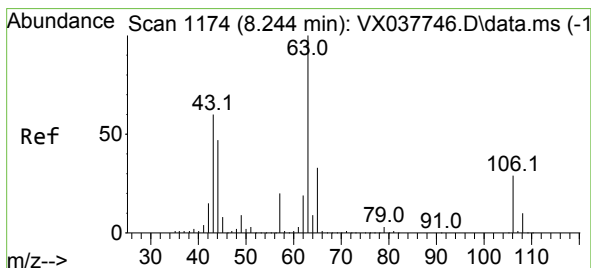
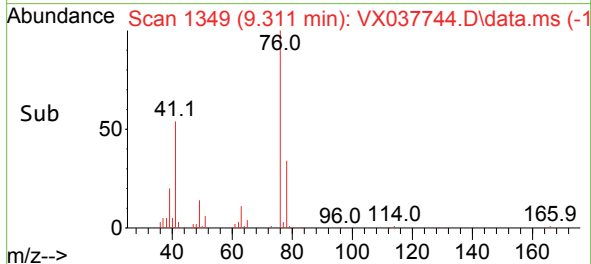
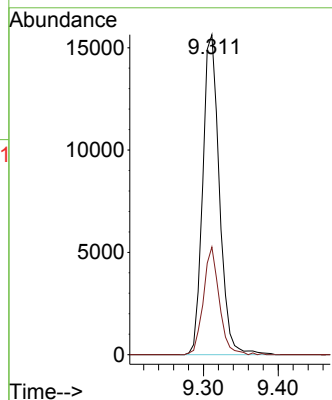
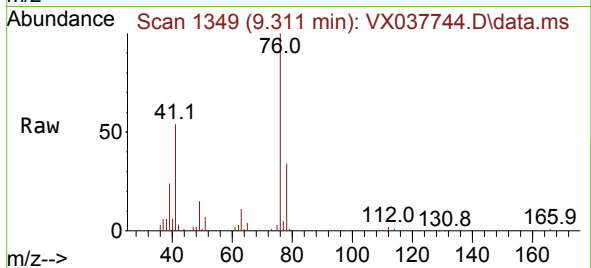
VSTDICC005

Tgt Ion: 76 Resp: 24170

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 24.354 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037744.D

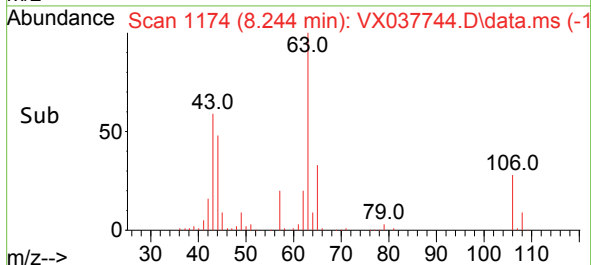
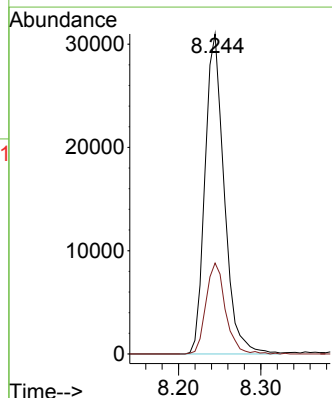
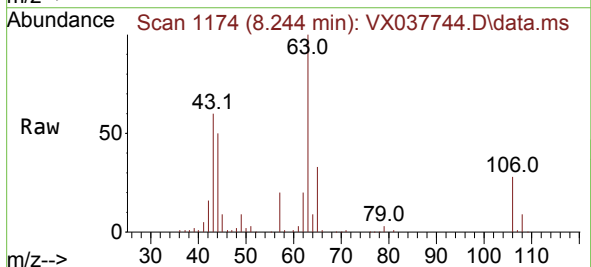
Acq: 15 Sep 2023 09:25

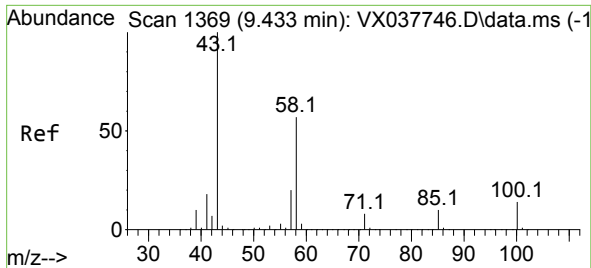
Tgt Ion: 63 Resp: 50403

Ion Ratio Lower Upper

63 100

106 28.7 22.5 33.7

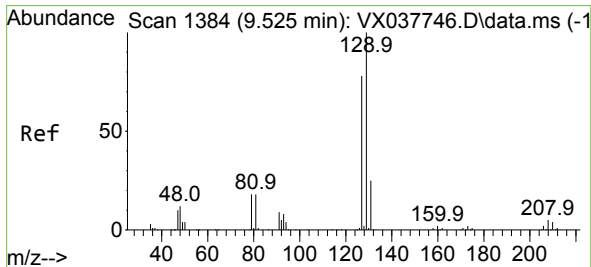
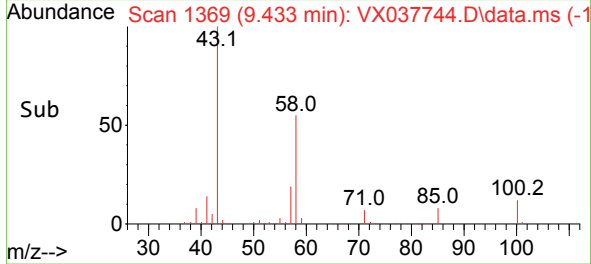
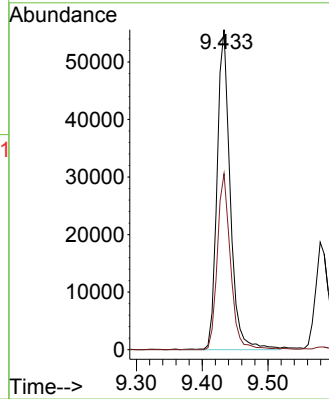
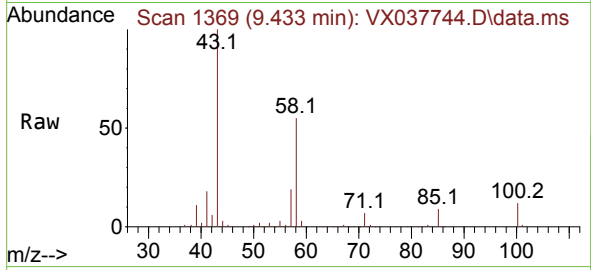




#59
2-Hexanone
Concen: 25.042 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

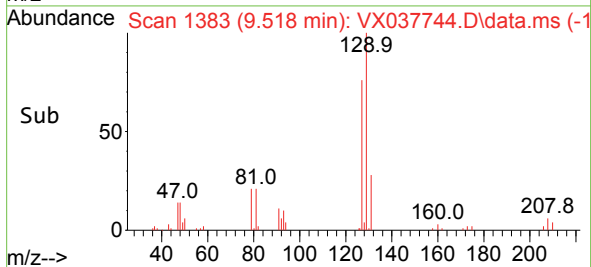
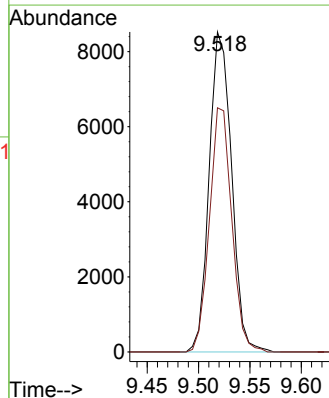
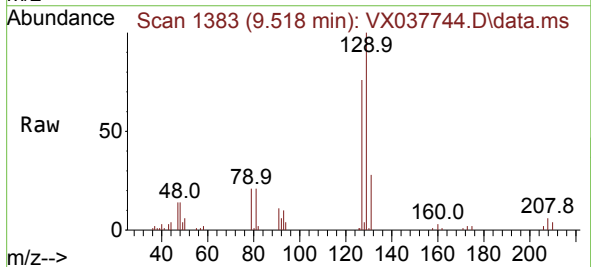
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

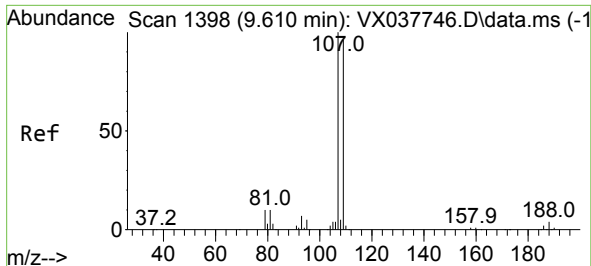
Tgt Ion: 43 Resp: 77265
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5



#60
Dibromochloromethane
Concen: 4.373 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 129 Resp: 12934
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4

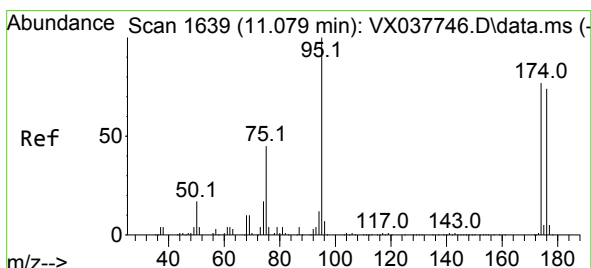
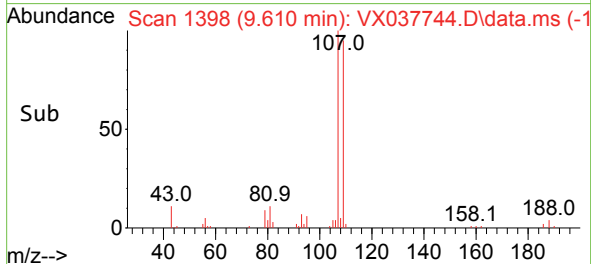
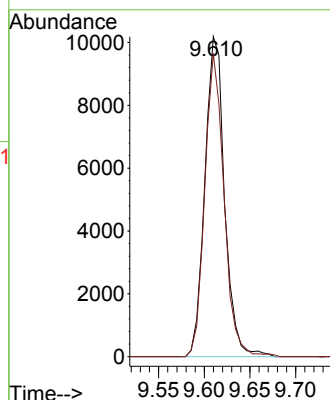
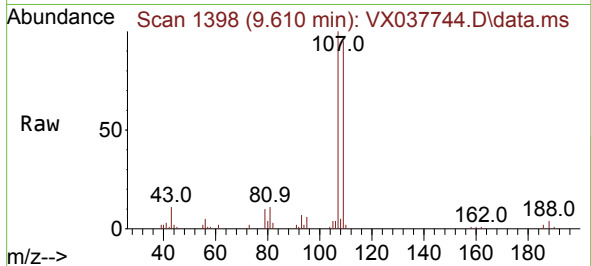




#61
 1,2-Dibromoethane
 Concen: 4.856 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: VX037744.D
 Acq: 15 Sep 2023 09:25

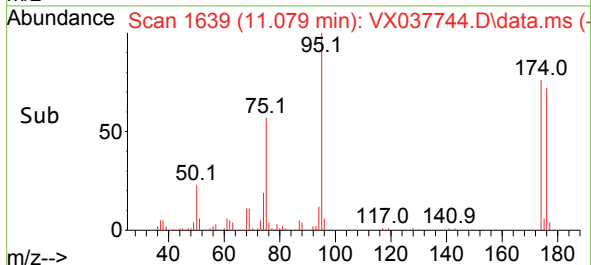
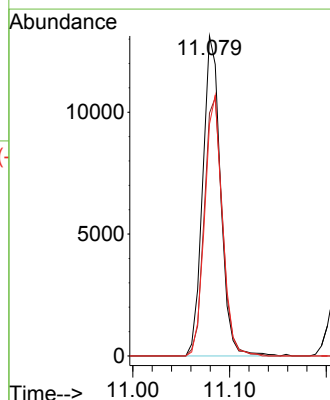
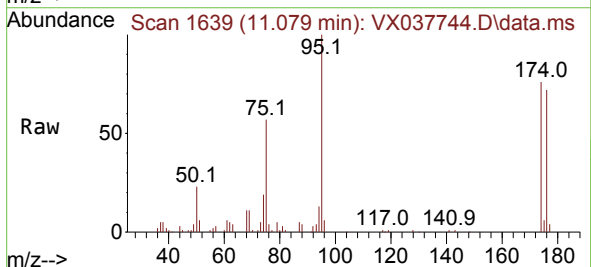
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

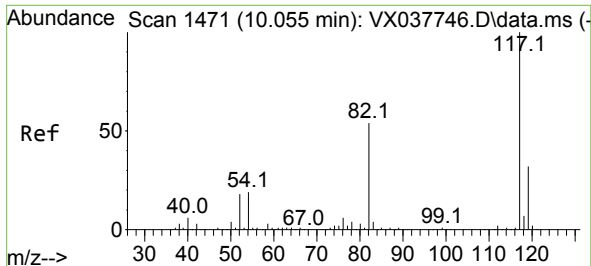
Tgt Ion: 107 Resp: 15264
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 4.836 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX037744.D
 Acq: 15 Sep 2023 09:25

Tgt Ion: 95 Resp: 16842
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 135.6
 176 80.7 0.0 131.0

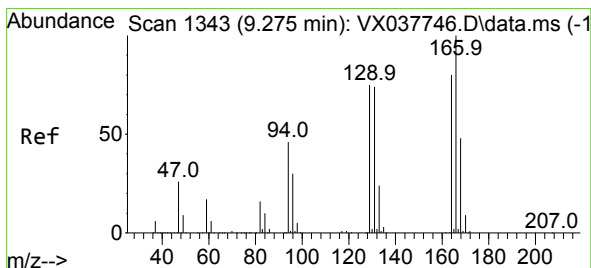
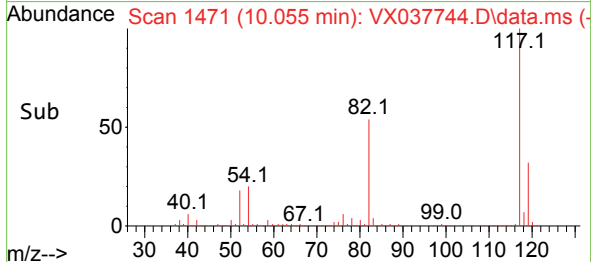
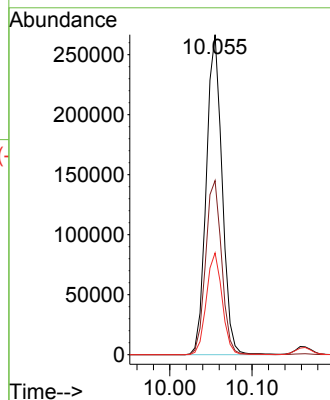
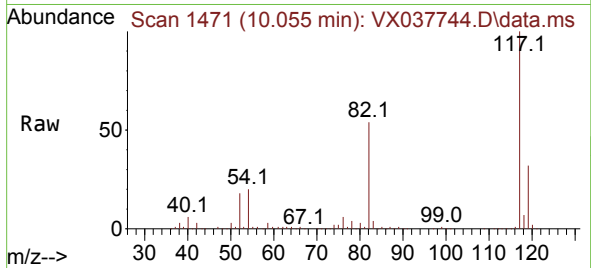




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

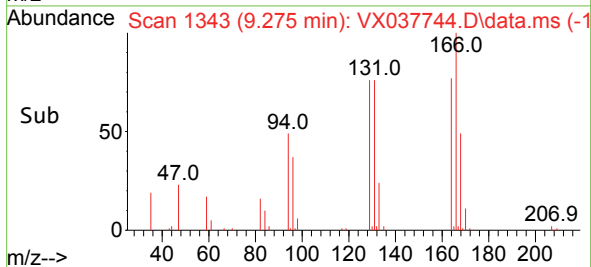
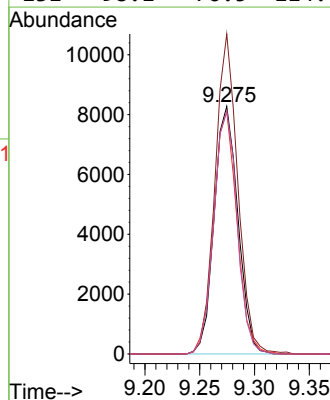
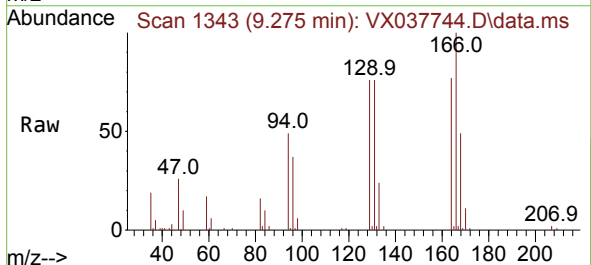
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

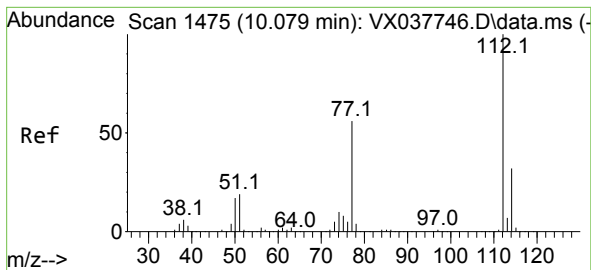
Tgt Ion:117 Resp: 355423
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 5.140 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion:164 Resp: 12459
Ion Ratio Lower Upper
164 100
166 129.3 102.7 154.1
129 97.9 80.4 120.6
131 98.1 76.5 114.7

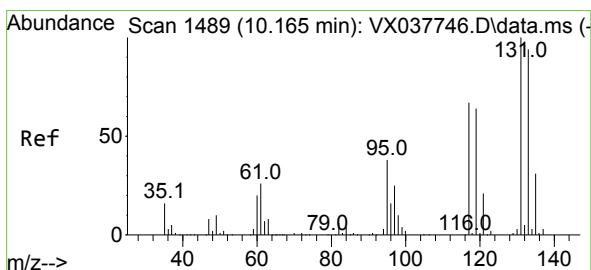
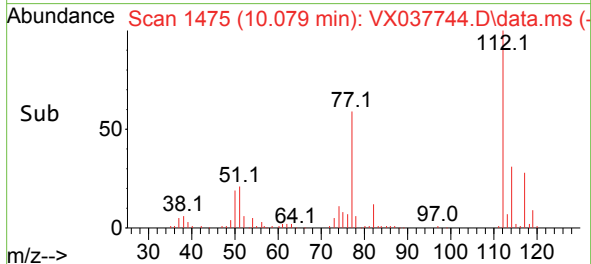
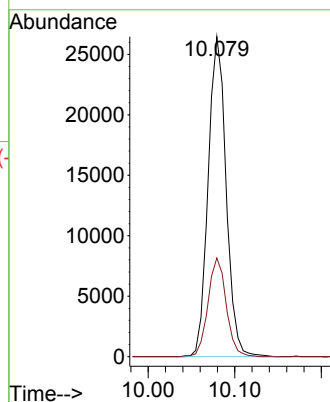
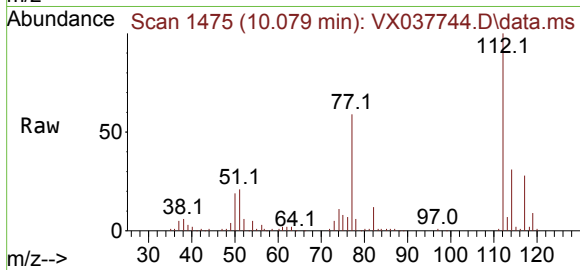




#65
Chlorobenzene
Concen: 4.975 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

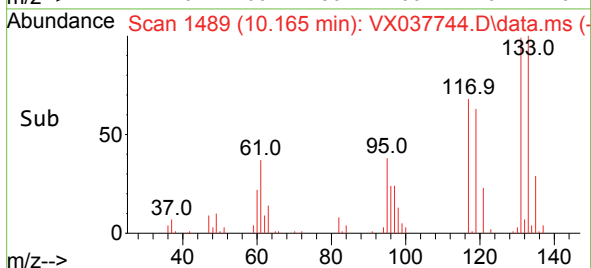
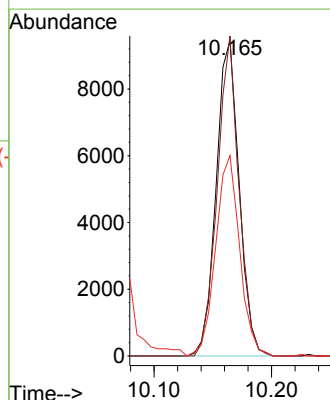
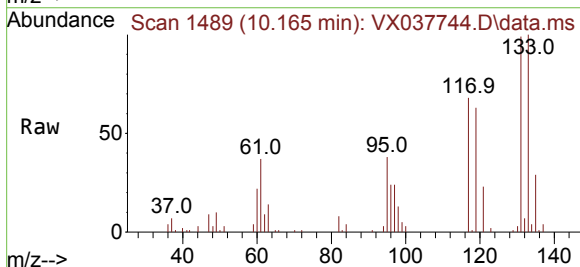
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

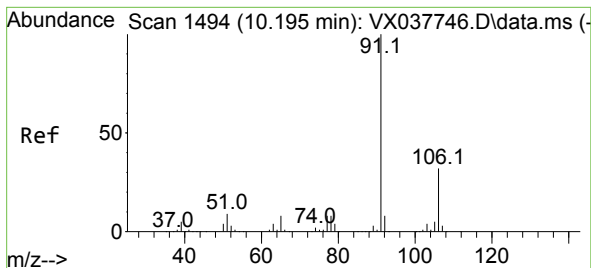
Tgt Ion:112 Resp: 38141
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.730 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion:131 Resp: 12850
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 66.4 32.2 96.6





#67

Ethyl Benzene

Concen: 5.026 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

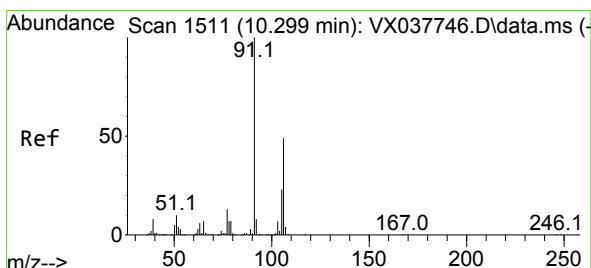
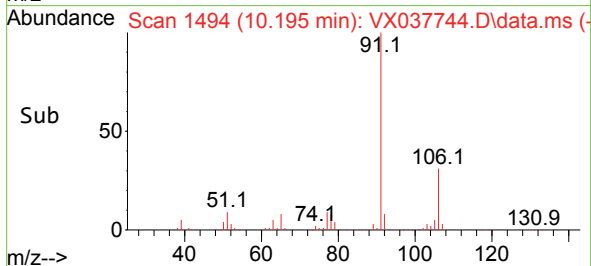
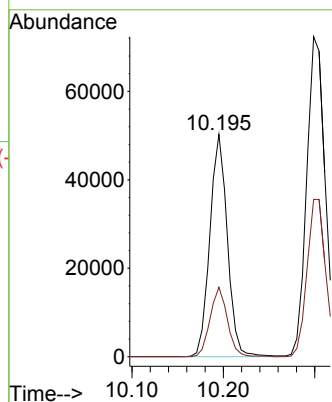
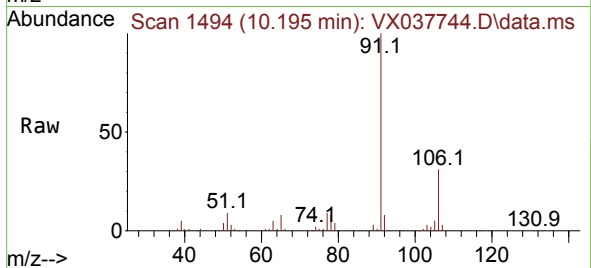
VSTDIC005

Tgt Ion: 91 Resp: 66799

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 10.009 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX037744.D

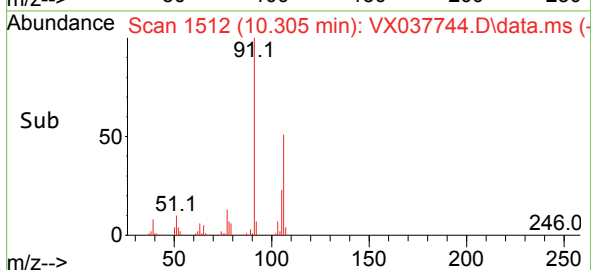
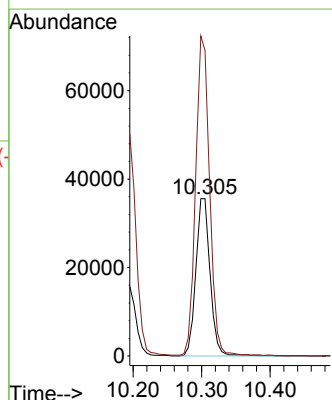
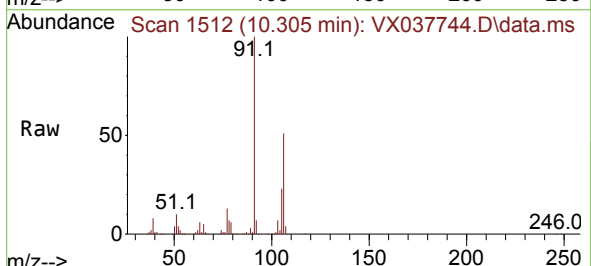
Acq: 15 Sep 2023 09:25

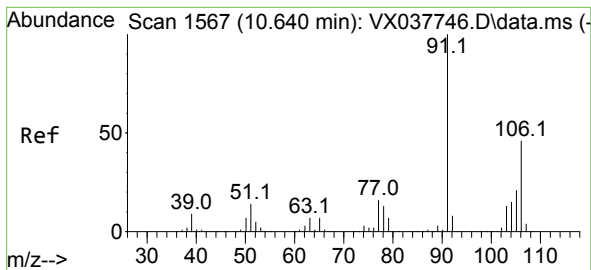
Tgt Ion: 106 Resp: 51407

Ion Ratio Lower Upper

106 100

91 197.9 165.5 248.3





#69

o-Xylene

Concen: 4.957 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

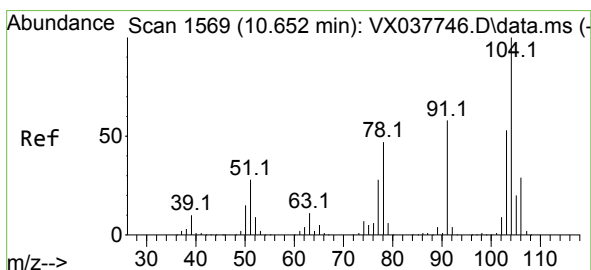
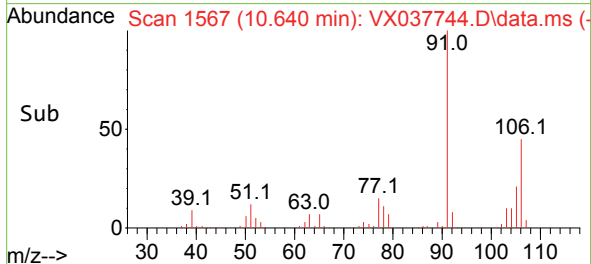
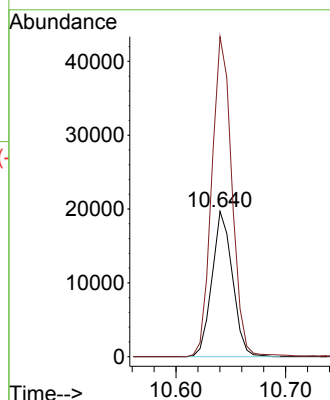
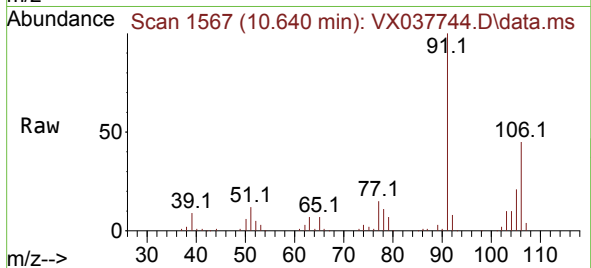
VSTDIC005

Tgt Ion:106 Resp: 25530

Ion Ratio Lower Upper

106 100

91 217.9 108.9 326.8



#70

Styrene

Concen: 4.775 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

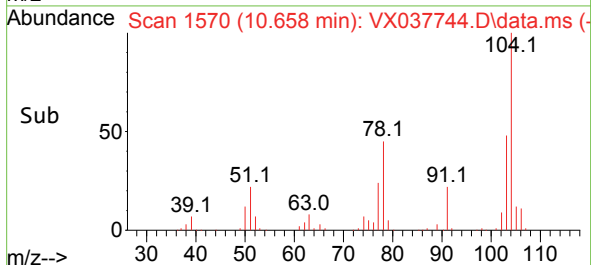
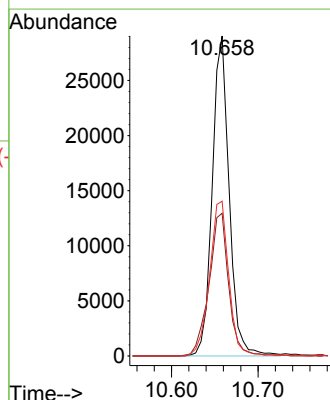
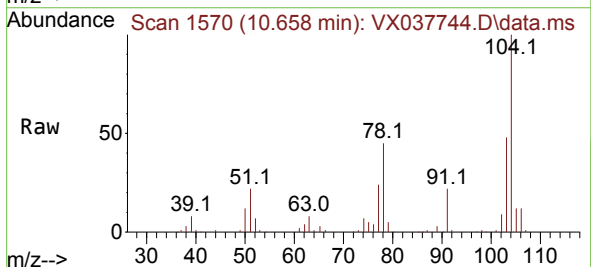
Tgt Ion:104 Resp: 39479

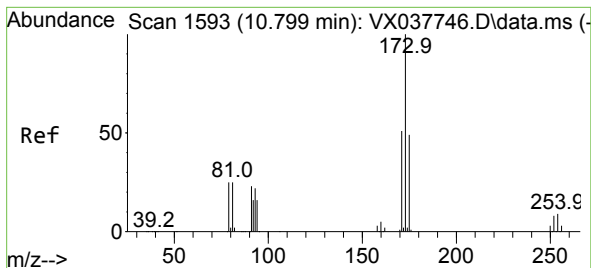
Ion Ratio Lower Upper

104 100

78 51.9 43.6 65.4

103 55.0 43.6 65.4





#71

Bromoform

Concen: 4.276 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

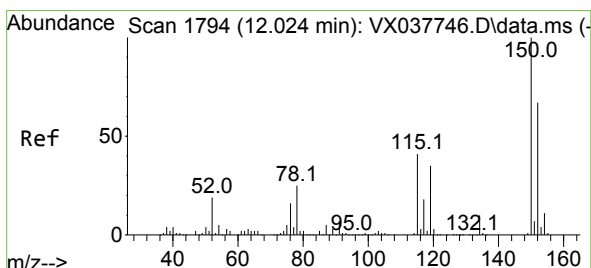
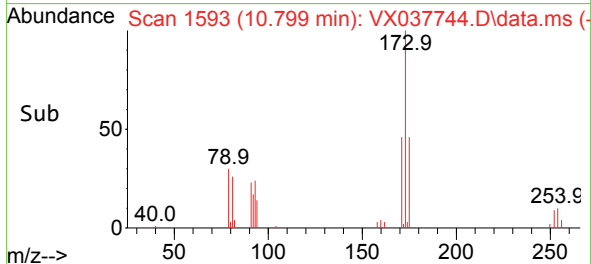
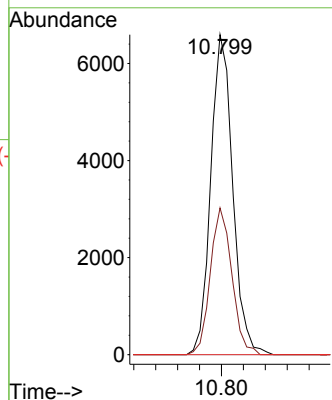
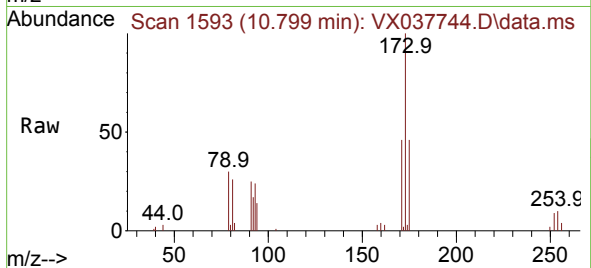
Tgt Ion:173 Resp: 9165

Ion Ratio Lower Upper

173 100

175 45.1 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. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

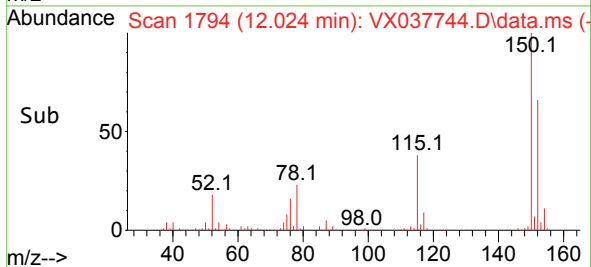
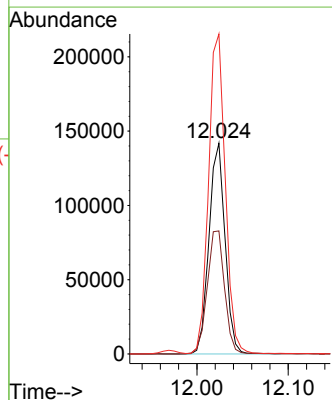
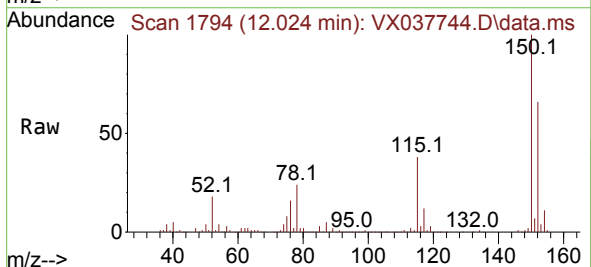
Tgt Ion:152 Resp: 173589

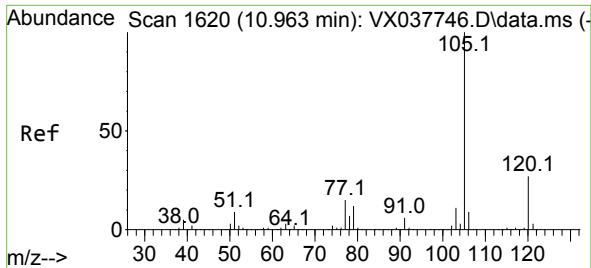
Ion Ratio Lower Upper

152 100

115 62.8 43.3 129.9

150 156.3 0.0 345.0

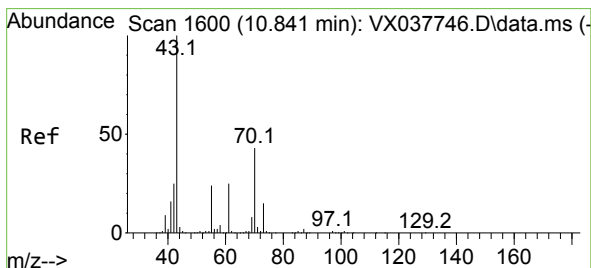
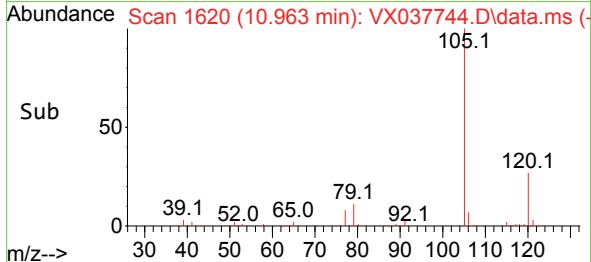
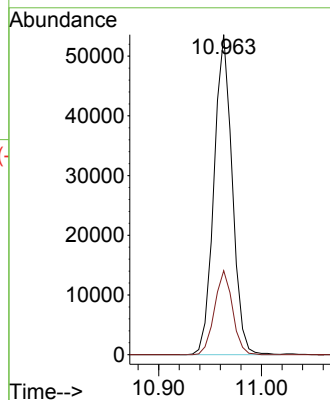
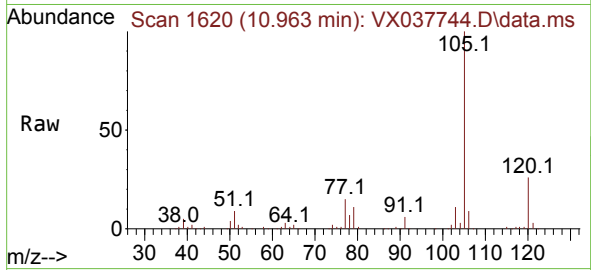




#73
Isopropylbenzene
Concen: 5.183 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

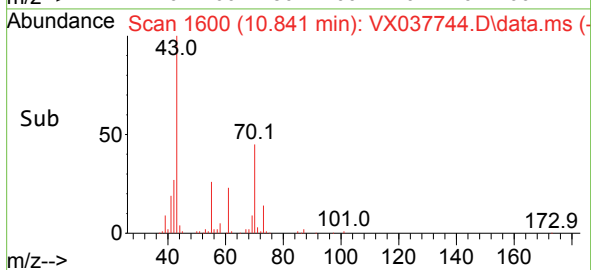
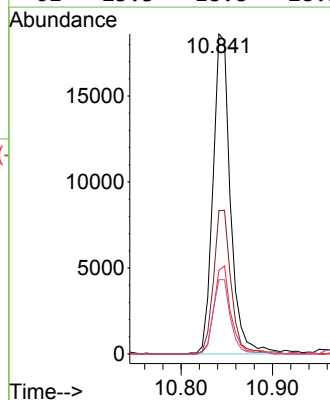
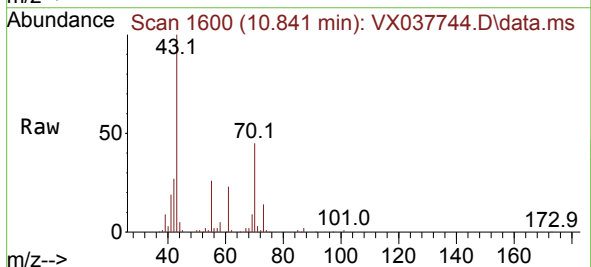
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

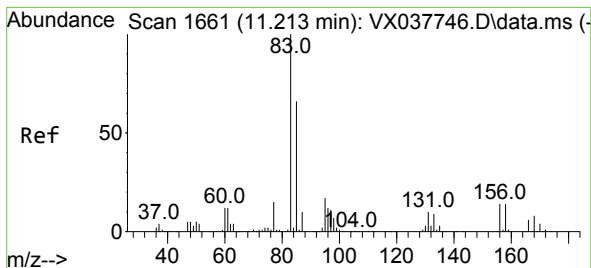
Tgt Ion:105 Resp: 66009
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 4.815 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 43 Resp: 24833
Ion Ratio Lower Upper
43 100
70 45.0 32.9 49.3
55 26.9 19.3 28.9
61 23.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.237 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

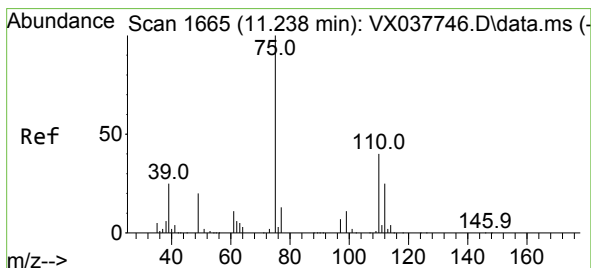
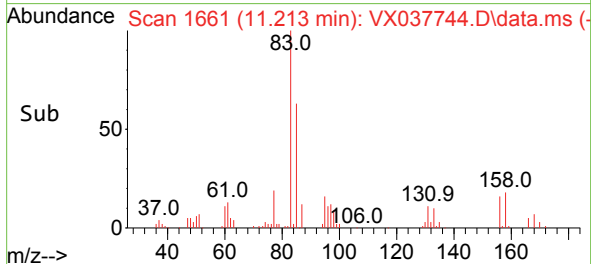
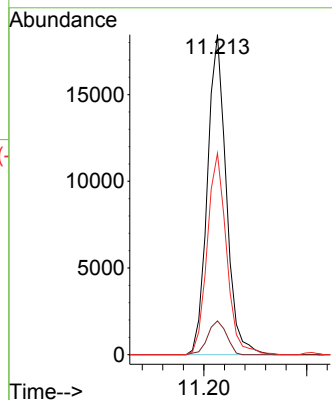
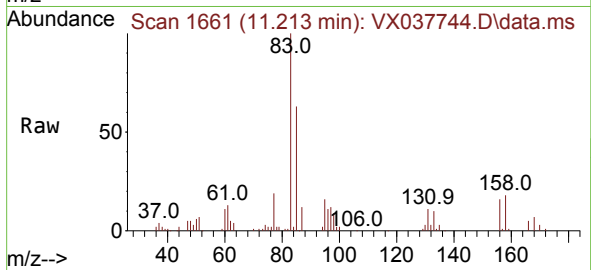
Tgt Ion: 83 Resp: 23455

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

85 64.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 5.560 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037744.D

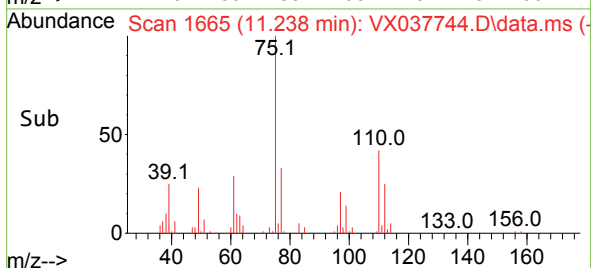
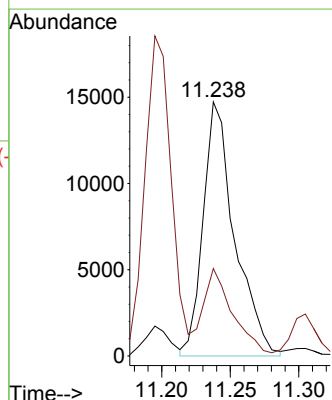
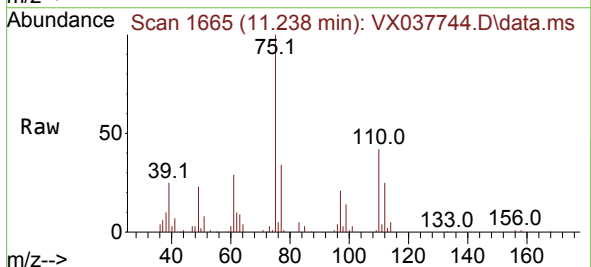
Acq: 15 Sep 2023 09:25

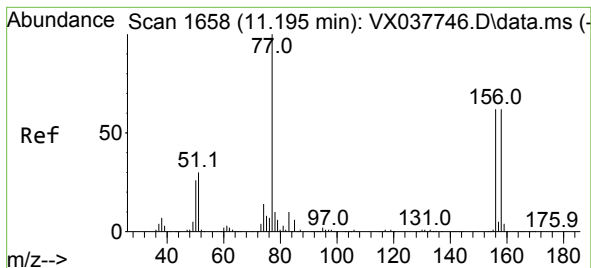
Tgt Ion: 75 Resp: 23618

Ion Ratio Lower Upper

75 100

77 33.0 19.1 57.5





#77

Bromobenzene

Concen: 4.913 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

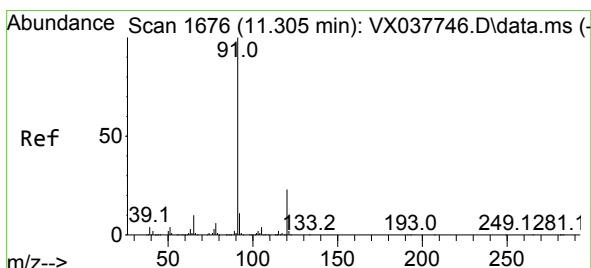
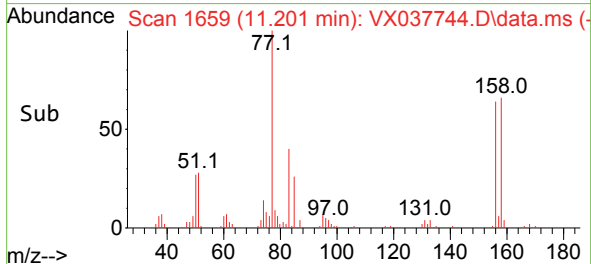
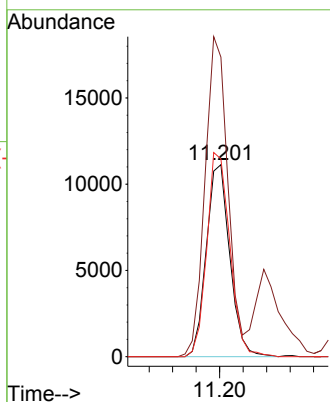
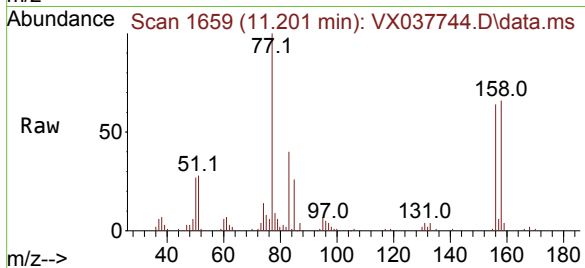
Tgt Ion:156 Resp: 15488

Ion Ratio Lower Upper

156 100

77 161.1 88.4 265.3

158 104.5 48.0 144.0



#78

n-propylbenzene

Concen: 5.048 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037744.D

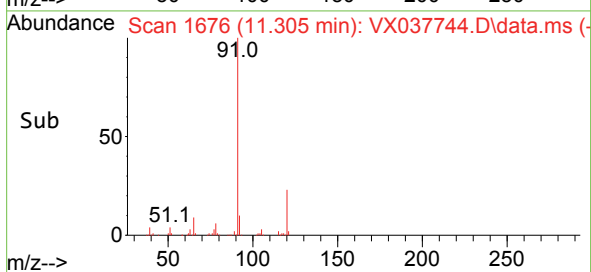
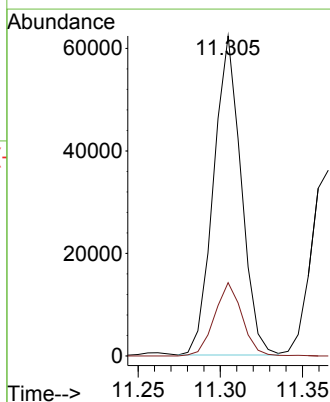
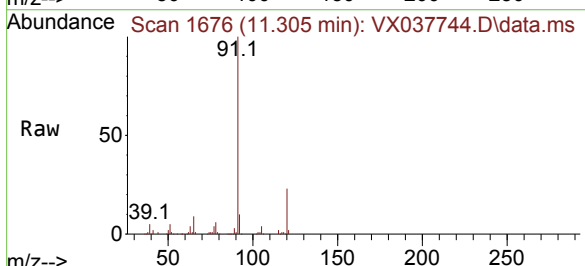
Acq: 15 Sep 2023 09:25

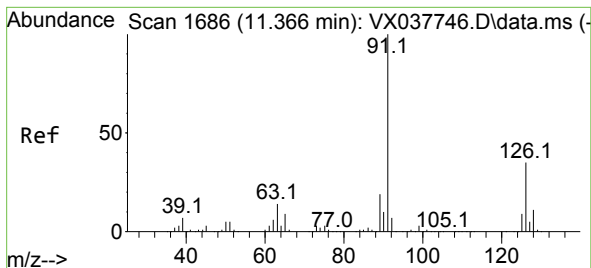
Tgt Ion: 91 Resp: 72601

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

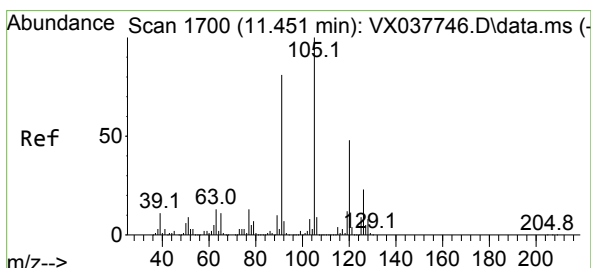
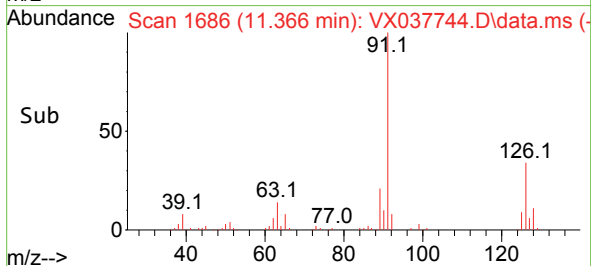
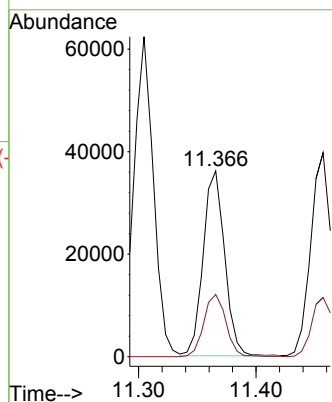
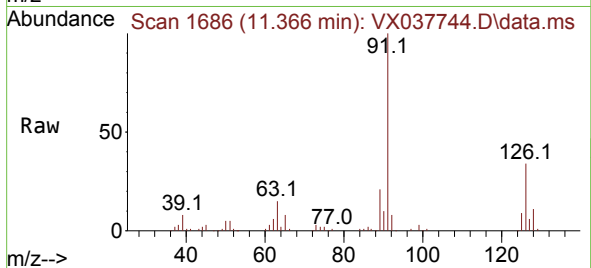




#79
2-Chlorotoluene
Concen: 5.173 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

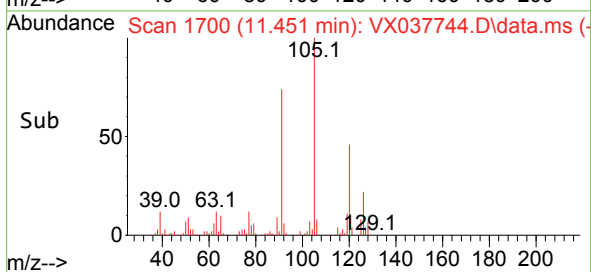
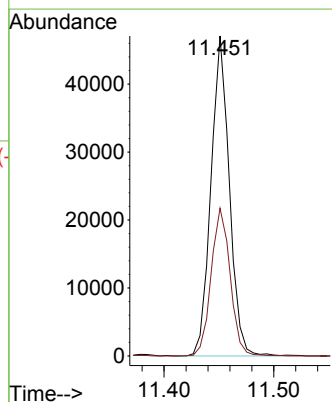
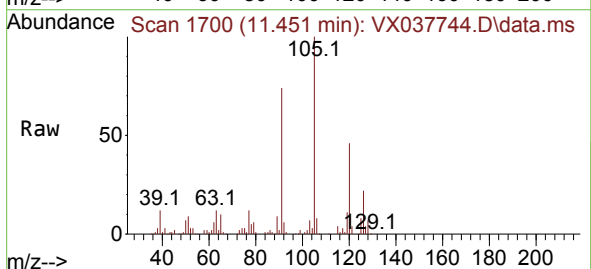
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

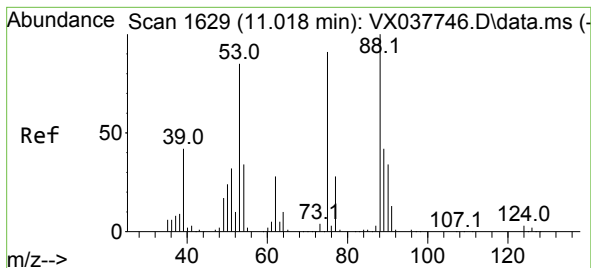
Tgt Ion: 91 Resp: 45876
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 5.099 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 105 Resp: 54841
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

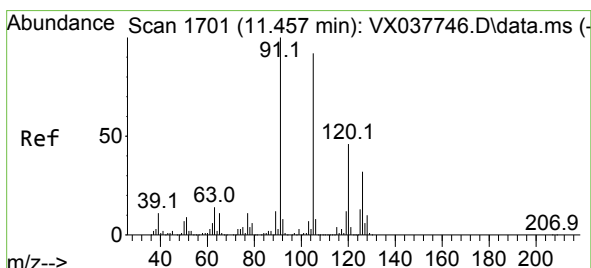
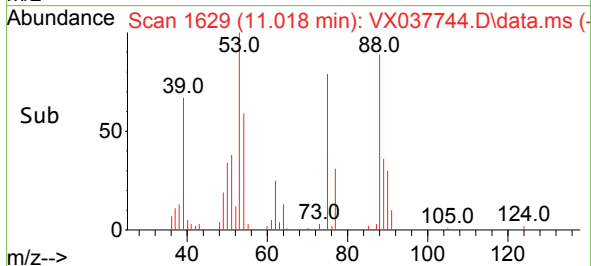
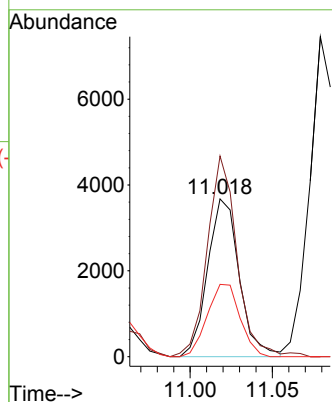
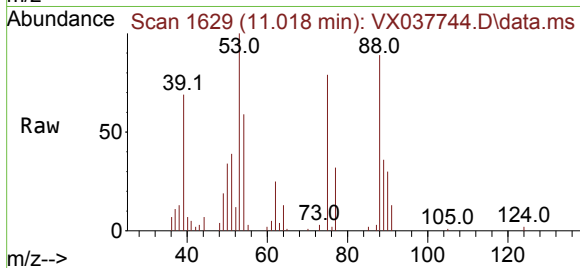




#81
trans-1,4-Dichloro-2-butene
Concen: 3.917 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

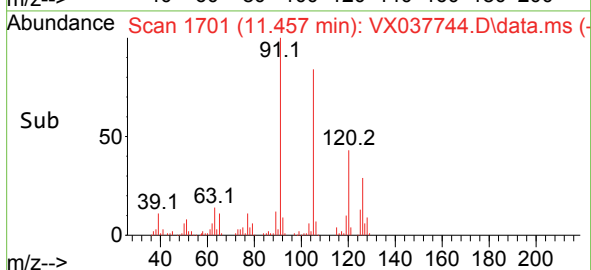
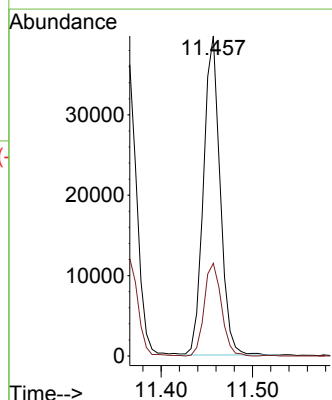
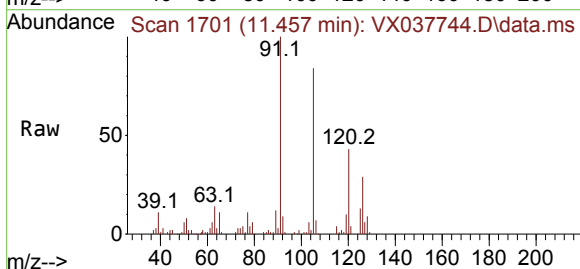
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

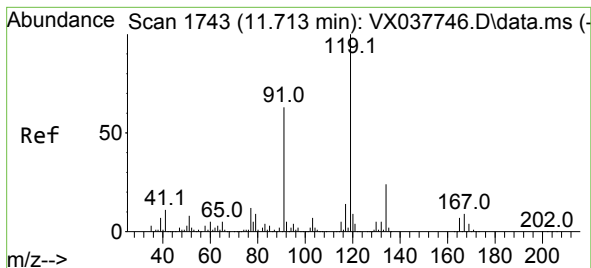
Tgt Ion: 75 Resp: 4909
Ion Ratio Lower Upper
75 100
53 119.4 90.5 135.7
89 47.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 5.012 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037744.D
Acq: 15 Sep 2023 09:25

Tgt Ion: 91 Resp: 50042
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.031 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

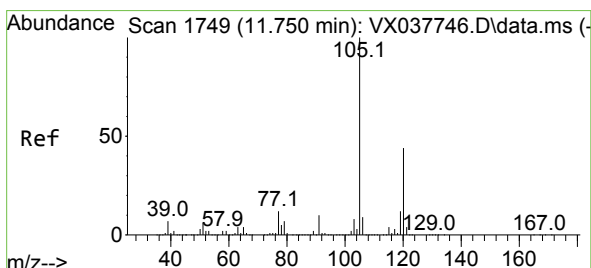
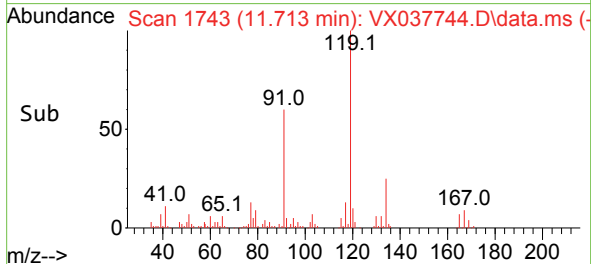
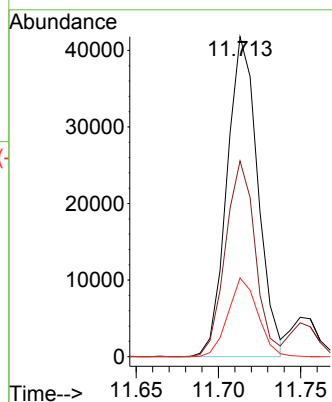
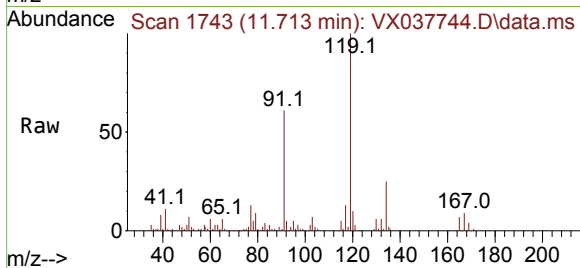
Tgt Ion:119 Resp: 54681

Ion Ratio Lower Upper

119 100

91 59.3 31.2 93.6

134 23.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 5.078 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037744.D

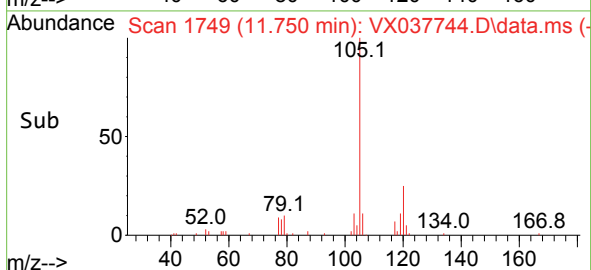
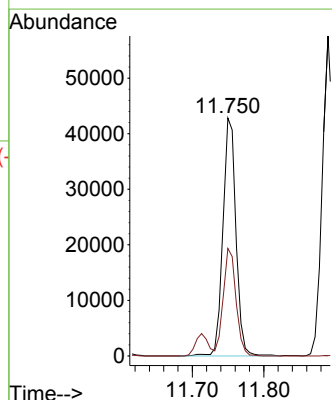
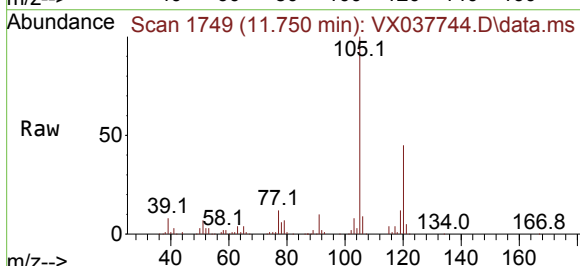
Acq: 15 Sep 2023 09:25

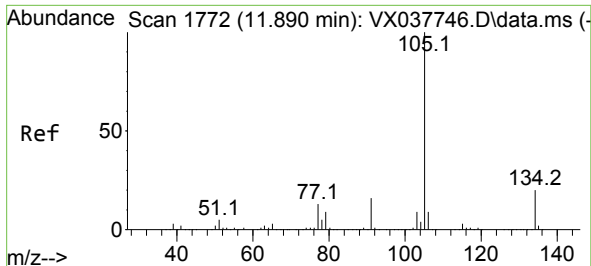
Tgt Ion:105 Resp: 54337

Ion Ratio Lower Upper

105 100

120 44.1 21.2 63.6

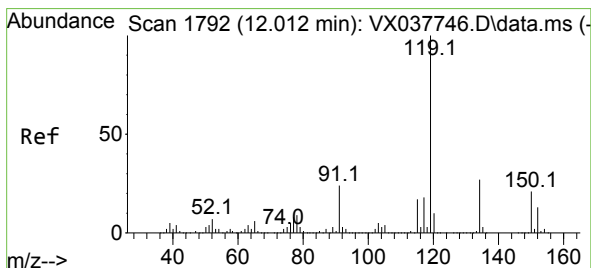
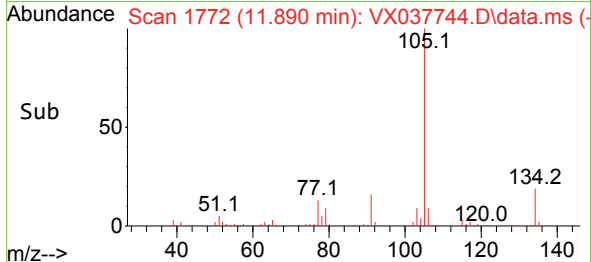
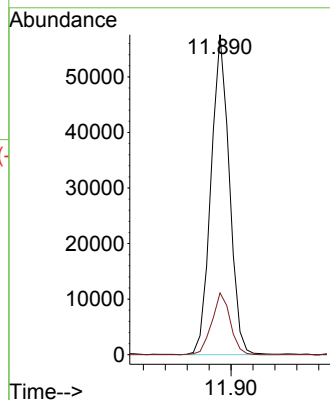
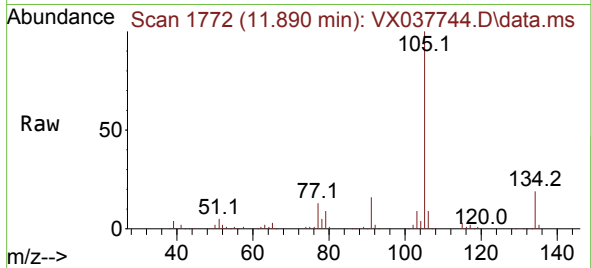




#85
 sec-Butylbenzene
 Concen: 5.073 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037744.D
 Acq: 15 Sep 2023 09:25

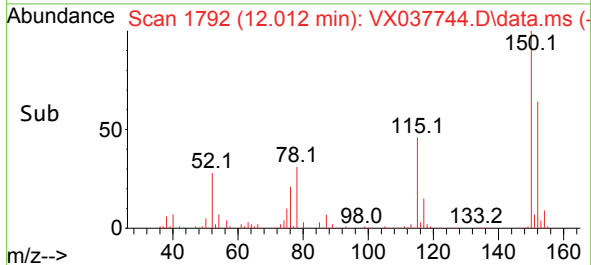
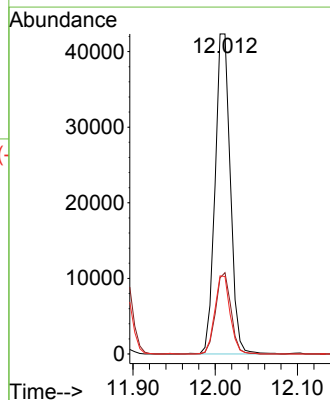
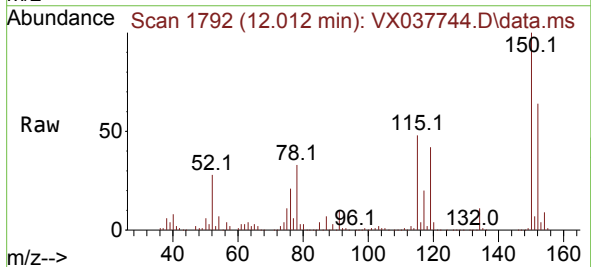
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

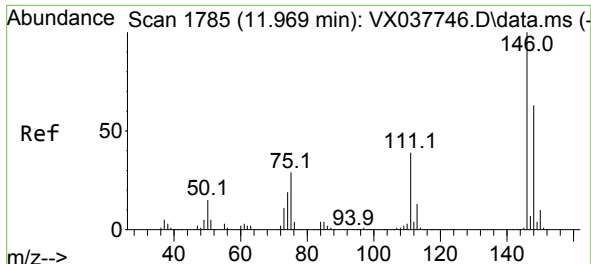
Tgt Ion:105 Resp: 66893
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.966 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037744.D
 Acq: 15 Sep 2023 09:25

Tgt Ion:119 Resp: 54475
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.912 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

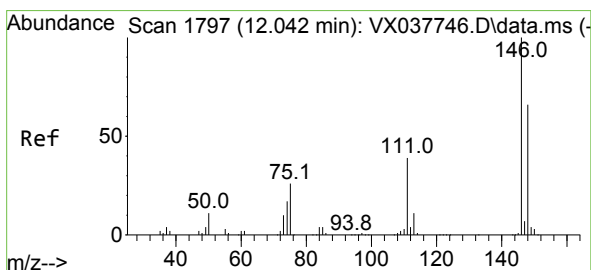
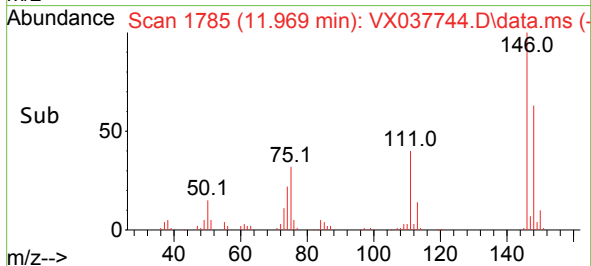
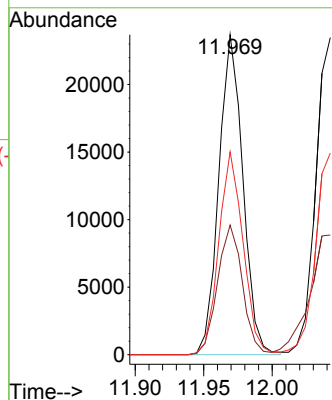
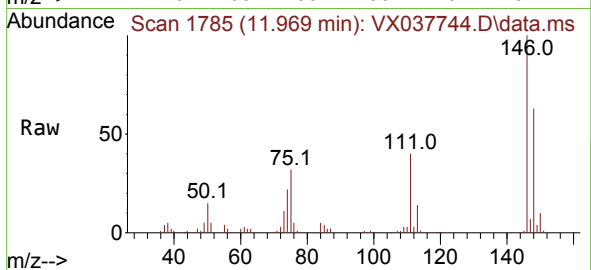
Tgt Ion:146 Resp: 28865

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.1

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 4.993 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

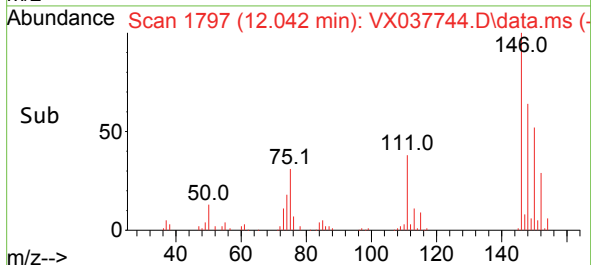
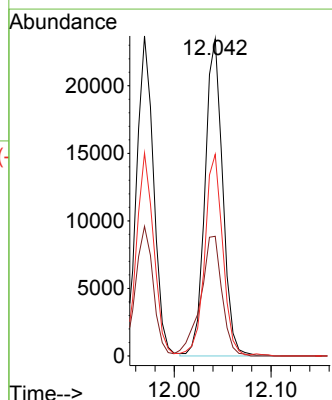
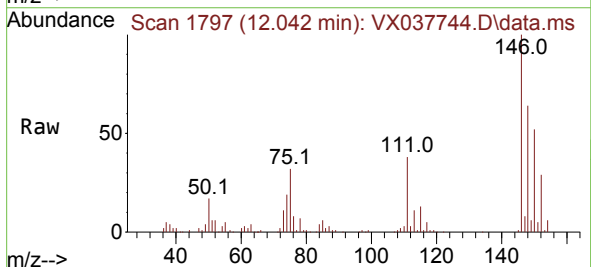
Tgt Ion:146 Resp: 29932

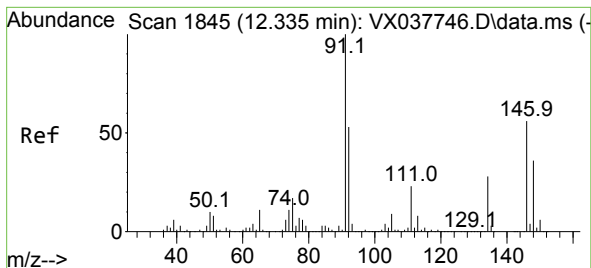
Ion Ratio Lower Upper

146 100

111 45.9 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 4.698 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

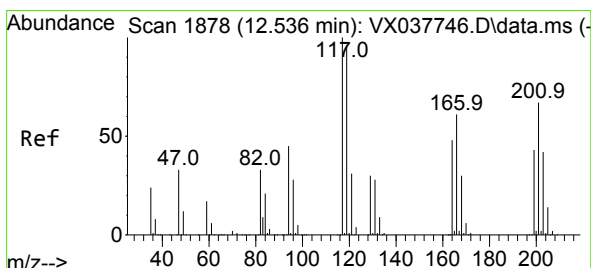
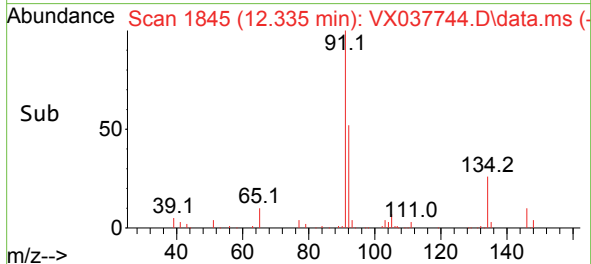
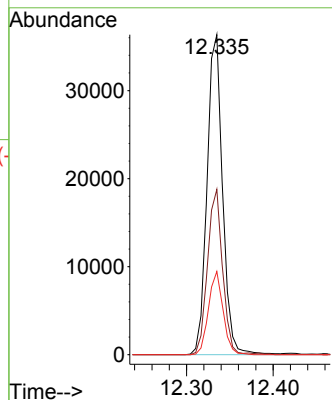
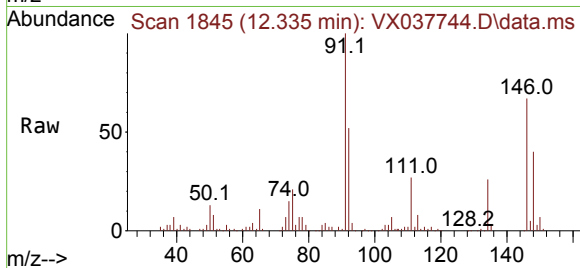
Tgt Ion: 91 Resp: 45218

Ion Ratio Lower Upper

91 100

92 50.4 27.4 82.0

134 24.5 12.6 37.8



#90

Hexachloroethane

Concen: 4.537 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037744.D

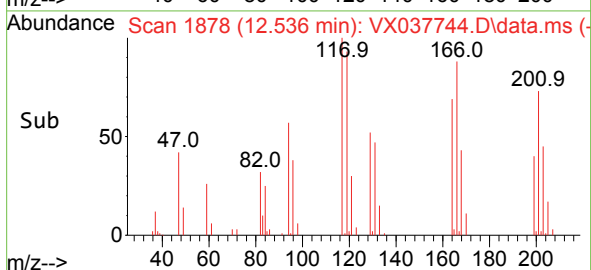
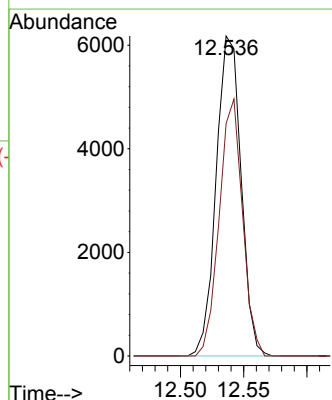
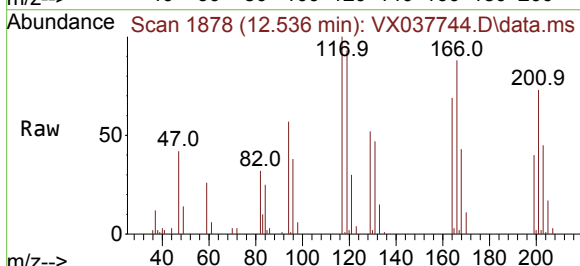
Acq: 15 Sep 2023 09:25

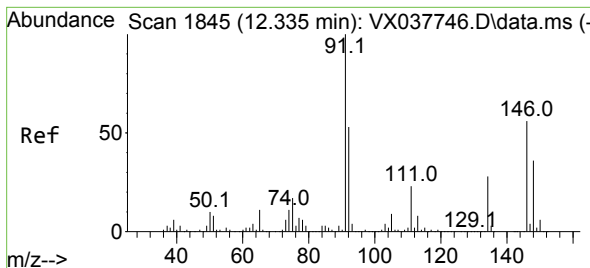
Tgt Ion: 117 Resp: 8445

Ion Ratio Lower Upper

117 100

201 75.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 5.032 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

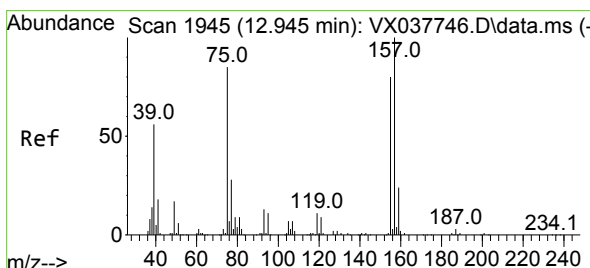
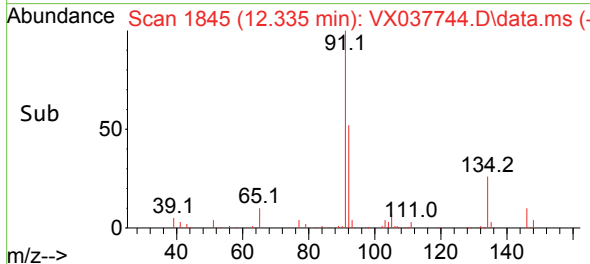
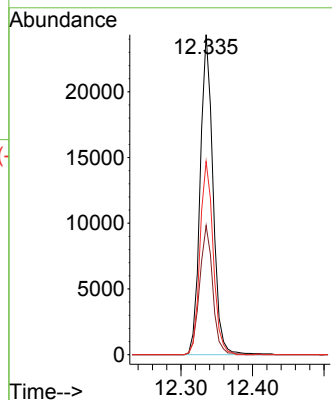
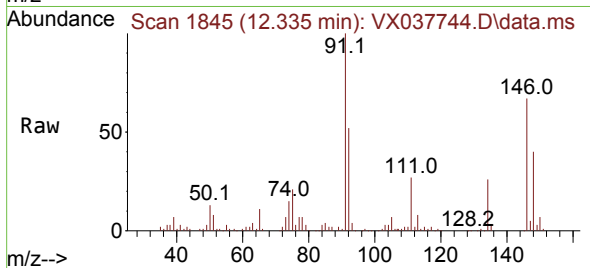
Tgt Ion:146 Resp: 30185

Ion Ratio Lower Upper

146 100

111 41.1 22.4 67.0

148 62.1 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.695 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

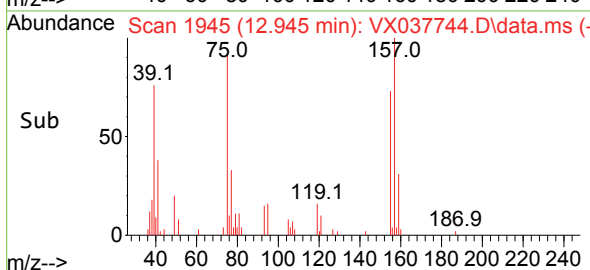
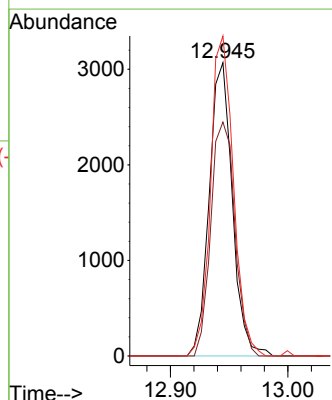
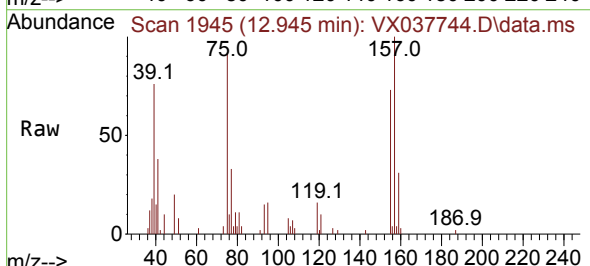
Tgt Ion: 75 Resp: 4192

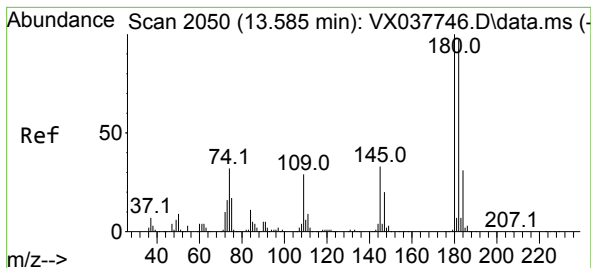
Ion Ratio Lower Upper

75 100

155 83.3 36.1 108.5

157 107.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.481 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

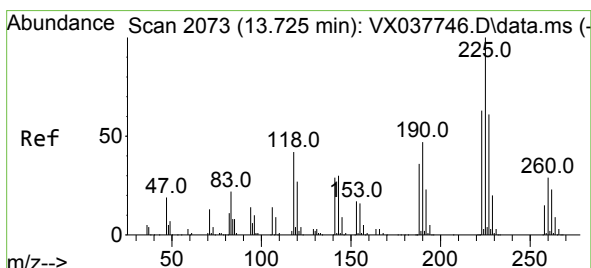
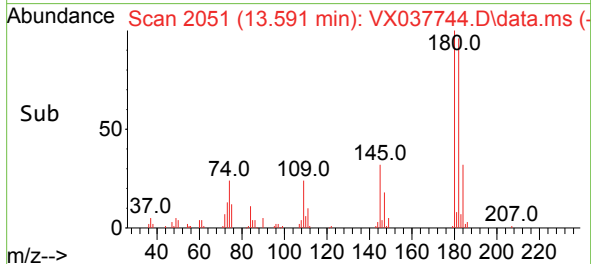
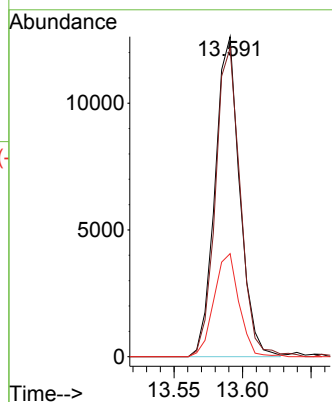
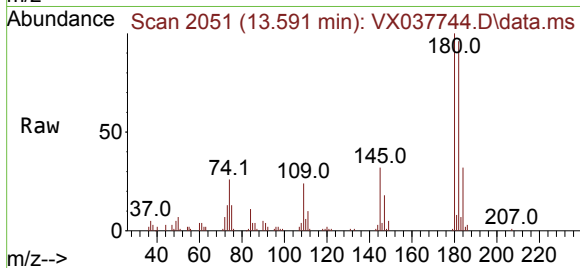
Tgt Ion:180 Resp: 15835

Ion Ratio Lower Upper

180 100

182 96.8 48.3 144.8

145 32.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 4.735 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

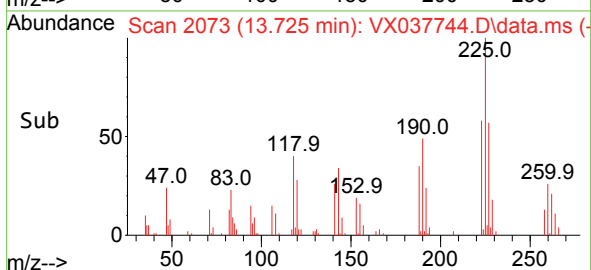
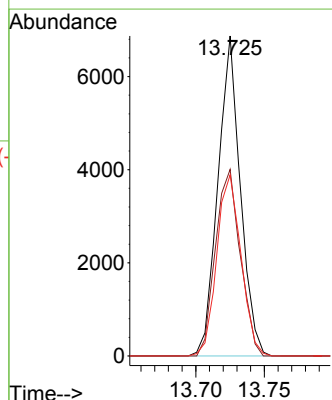
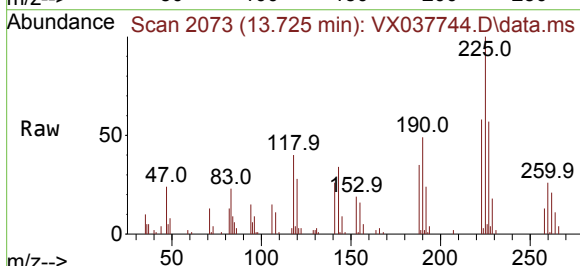
Tgt Ion:225 Resp: 7809

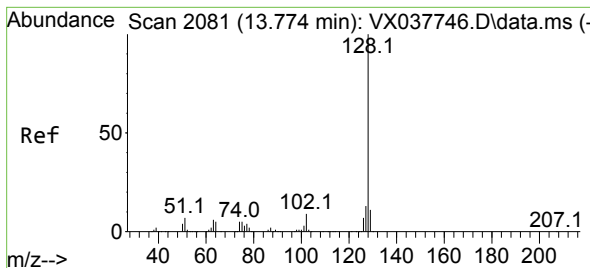
Ion Ratio Lower Upper

225 100

223 64.3 31.1 93.2

227 61.1 32.5 97.5





#95

Naphthalene

Concen: 4.730 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

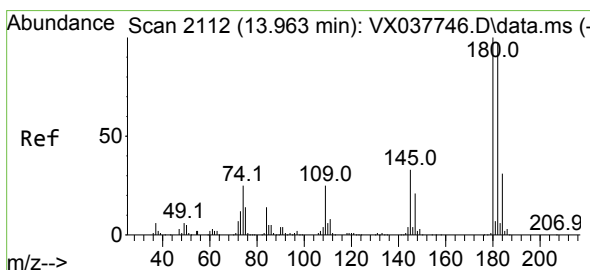
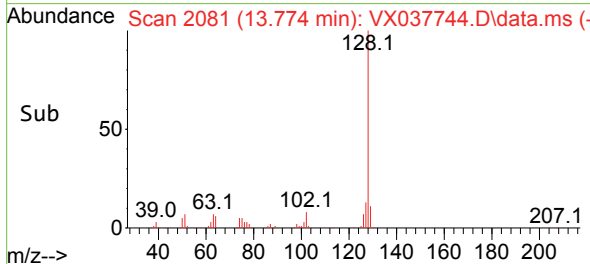
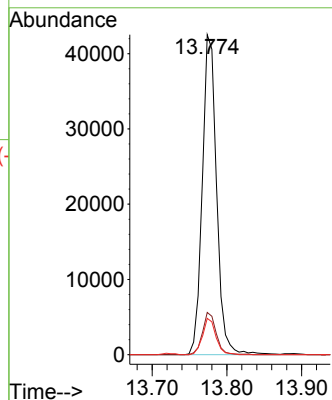
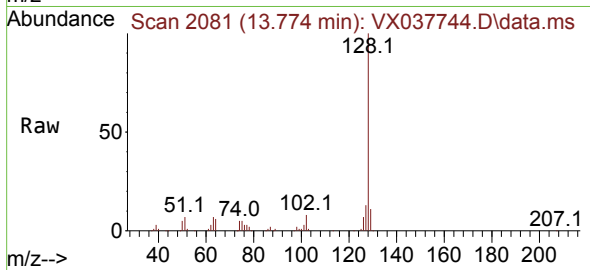
Tgt Ion:128 Resp: 56531

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.663 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037744.D

Acq: 15 Sep 2023 09:25

Tgt Ion:180 Resp: 16959

Ion Ratio Lower Upper

180 100

182 91.2 46.9 140.6

145 33.3 17.8 53.5

