

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038832.D
 Acq On : 16 Nov 2023 10:57
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 16 22:41:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	179630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	343280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59438	20.535	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	41.080%#
35) Dibromofluoromethane	5.385	113	48644	19.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.240%#
50) Toluene-d8	8.647	98	186433	19.654	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	39.300%#
62) 4-Bromofluorobenzene	11.079	95	73101	19.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.500%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45704	21.806	ug/l	99
3) Chloromethane	1.294	50	53232	19.459	ug/l	97
4) Vinyl Chloride	1.374	62	55033	20.884	ug/l	100
5) Bromomethane	1.605	94	33909	31.123	ug/l	92
6) Chloroethane	1.685	64	31151	20.714	ug/l	96
7) Trichlorofluoromethane	1.886	101	66655	19.933	ug/l	100
8) Diethyl Ether	2.130	74	28237	19.388	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	44089	19.881	ug/l	97
10) Methyl Iodide	2.453	142	55205	20.453	ug/l	88
11) Tert butyl alcohol	2.947	59	81991	101.847	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	45452	20.301	ug/l	86
13) Acrolein	2.233	56	37313	87.606	ug/l	100
14) Allyl chloride	2.666	41	90758	20.247	ug/l	91
15) Acrylonitrile	3.062	53	172290	101.285	ug/l	98
16) Acetone	2.373	43	155430	100.874	ug/l #	86
17) Carbon Disulfide	2.514	76	132639	19.126	ug/l	99
18) Methyl Acetate	2.697	43	150072	20.505	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	160580	20.392	ug/l	96
20) Methylene Chloride	2.788	84	52921	19.053	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	48233	19.525	ug/l	97
22) Diisopropyl ether	3.757	45	166131	20.203	ug/l	94
23) Vinyl Acetate	3.721	43	605174	102.183	ug/l	99
24) 1,1-Dichloroethane	3.611	63	93389	20.308	ug/l	99
25) 2-Butanone	4.550	43	252396	101.012	ug/l	98
26) 2,2-Dichloropropane	4.471	77	77664	19.470	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	57329	19.909	ug/l	94
28) Bromochloromethane	4.897	49	46379	21.006	ug/l	98
29) Tetrahydrofuran	4.995	42	163564	103.096	ug/l	96
30) Chloroform	5.092	83	89976	20.038	ug/l	99
31) Cyclohexane	5.470	56	83232	20.141	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	77655	19.966	ug/l	99
36) 1,1-Dichloropropene	5.690	75	68014	19.141	ug/l	97
37) Ethyl Acetate	4.708	43	89404	19.312	ug/l	96
38) Carbon Tetrachloride	5.678	117	65130	19.832	ug/l	98
39) Methylcyclohexane	7.379	83	88920	19.185	ug/l	97
40) Benzene	6.037	78	209637	19.947	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46750	19.471	ug/l	92
42) 1,2-Dichloroethane	6.086	62	67646	19.427	ug/l	94
43) Isopropyl Acetate	6.336	43	144407	19.518	ug/l	96
44) Trichloroethene	7.129	130	50630	19.792	ug/l	99
45) 1,2-Dichloropropane	7.427	63	57138	20.203	ug/l	97
46) Dibromomethane	7.580	93	38221	20.265	ug/l	95
47) Bromodichloromethane	7.818	83	72256	19.302	ug/l	98
48) Methyl methacrylate	7.690	41	67694	18.858	ug/l	91
49) 1,4-Dioxane	7.659	88	29222	420.779	ug/l #	95
51) 4-Methyl-2-Pentanone	8.567	43	476134	100.703	ug/l	98
52) Toluene	8.720	92	128200	19.657	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	87178	19.597	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	91001	19.804	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	52437	19.269	ug/l	90
56) Ethyl methacrylate	9.116	69	91794	19.937	ug/l	92
57) 1,3-Dichloropropane	9.311	76	88306	19.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	225241	105.014	ug/l	95
59) 2-Hexanone	9.427	43	380989	100.533	ug/l	96
60) Dibromochloromethane	9.519	129	54219	19.595	ug/l	98
61) 1,2-Dibromoethane	9.610	107	57179	20.024	ug/l	97
64) Tetrachloroethene	9.275	164	38981	20.053	ug/l	97
65) Chlorobenzene	10.079	112	132927	19.732	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	48145	19.868	ug/l	97
67) Ethyl Benzene	10.195	91	248015	20.039	ug/l	99
68) m/p-Xylenes	10.299	106	186102	39.750	ug/l	99
69) o-Xylene	10.640	106	92764	20.024	ug/l	98
70) Styrene	10.652	104	154257	19.716	ug/l	98
71) Bromoform	10.799	173	39026	19.319	ug/l #	99
73) Isopropylbenzene	10.963	105	235531	19.889	ug/l	99
74) N-amyl acetate	10.841	43	122454	19.561	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	90202	19.512	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	106792	28.913	ug/l	92
77) Bromobenzene	11.195	156	52829	19.853	ug/l	96
78) n-propylbenzene	11.305	91	290137	19.904	ug/l	99
79) 2-Chlorotoluene	11.366	91	169624	19.608	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	202106	20.297	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	33502	19.595	ug/l #	79
82) 4-Chlorotoluene	11.451	91	197573	19.807	ug/l	99
83) tert-Butylbenzene	11.713	119	195401	19.925	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	202299	20.072	ug/l	100
85) sec-Butylbenzene	11.890	105	255808	19.942	ug/l	99
86) p-Isopropyltoluene	12.006	119	202151	19.631	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	104833	20.118	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	103286	19.366	ug/l	98
89) n-Butylbenzene	12.329	91	201271	19.373	ug/l	98
90) Hexachloroethane	12.536	117	41476	20.170	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	99353	20.102	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22512	19.876	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	63752	19.249	ug/l	98
94) Hexachlorobutadiene	13.725	225	22247	18.968	ug/l	98
95) Naphthalene	13.774	128	245646	19.915	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62406	19.877	ug/l	99

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ALS Vial : 12 Sample Multiplier: 1

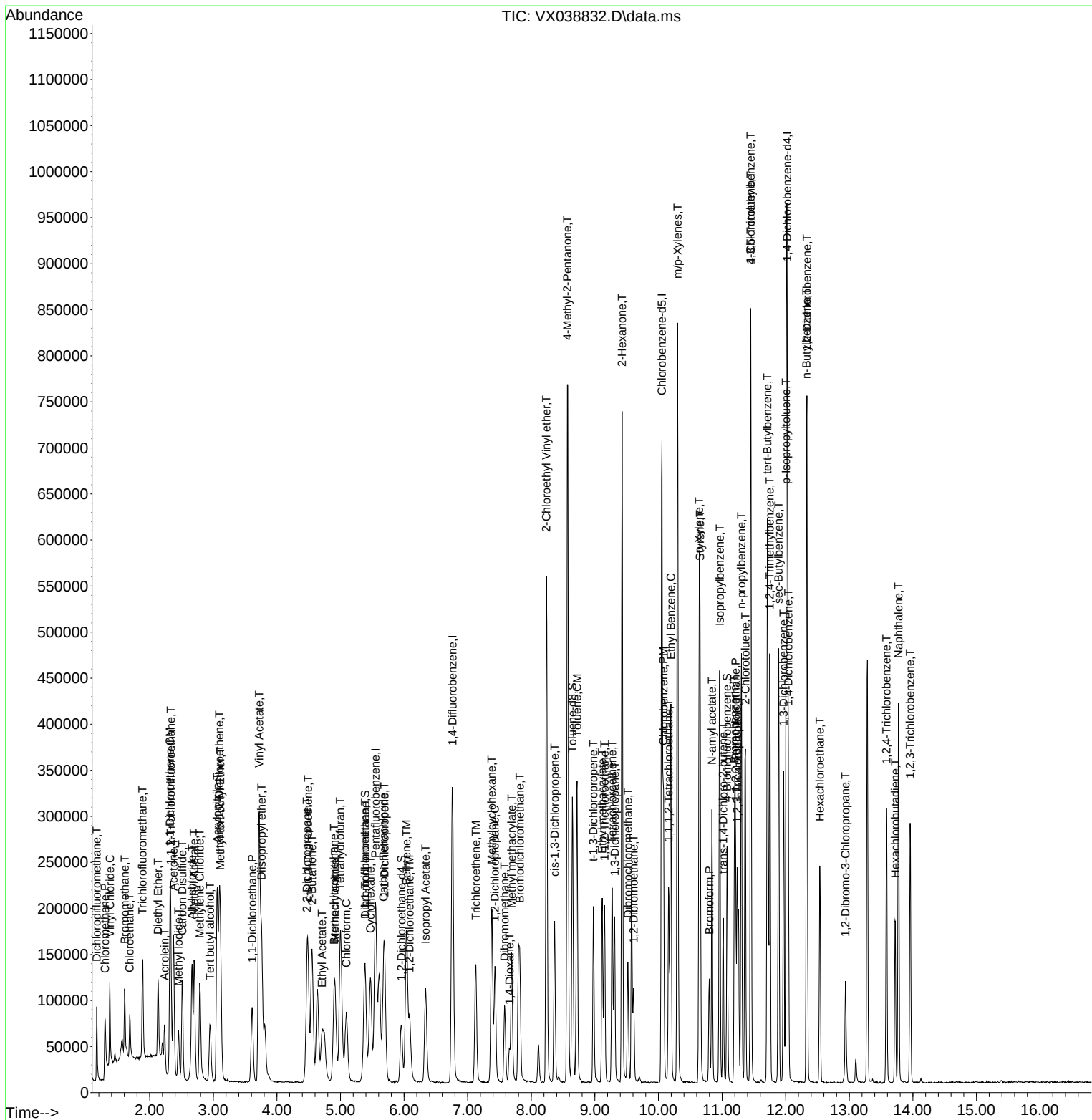
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

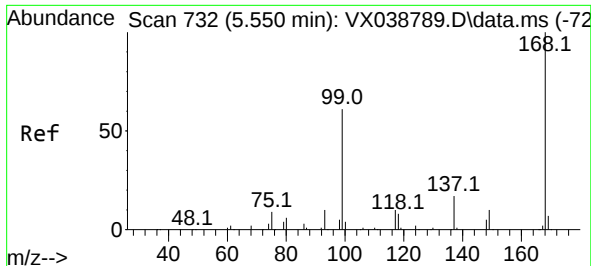
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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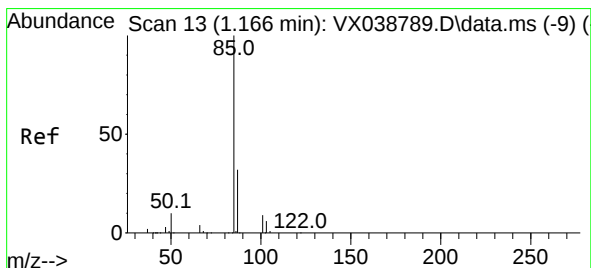
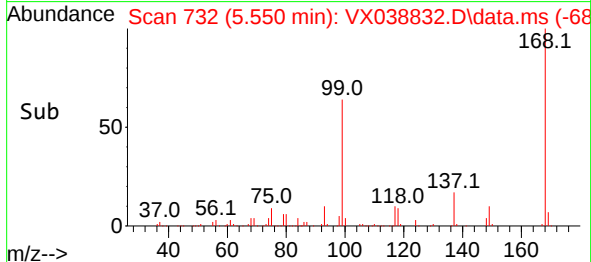
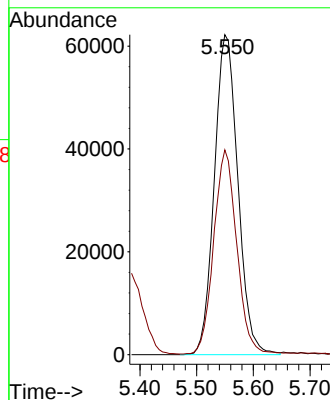
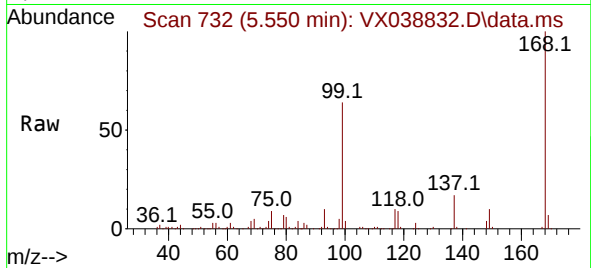




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038832.D
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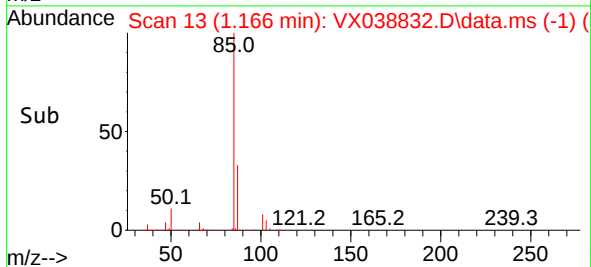
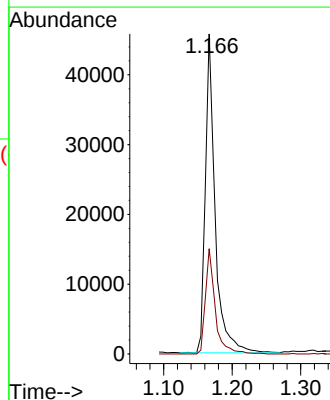
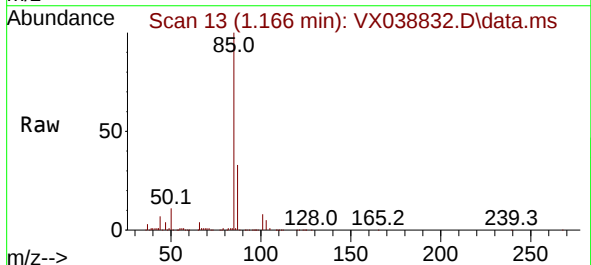
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

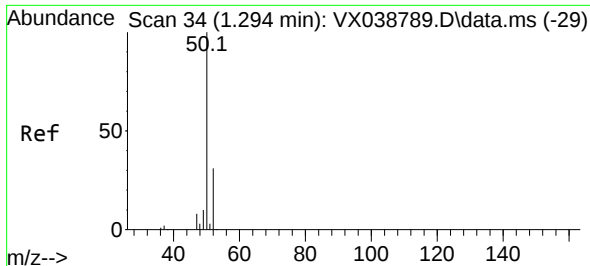
Tgt Ion:168 Resp: 179630
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 21.806 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 85 Resp: 45704
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1

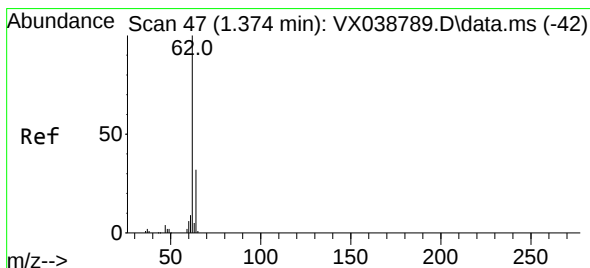
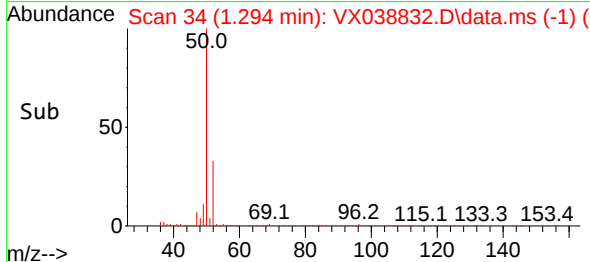
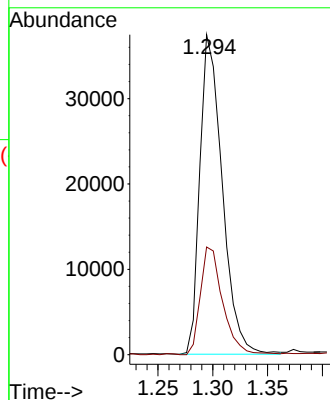
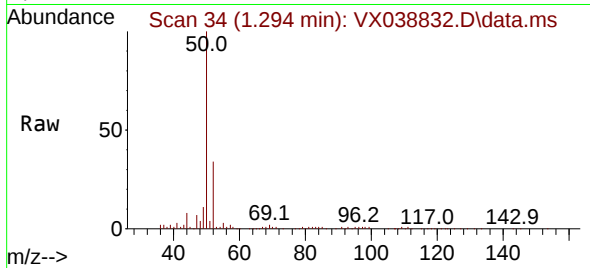




#3
Chloromethane
Concen: 19.459 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

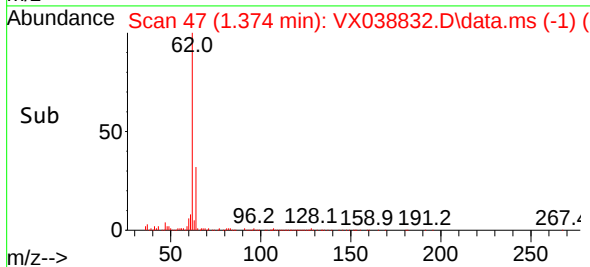
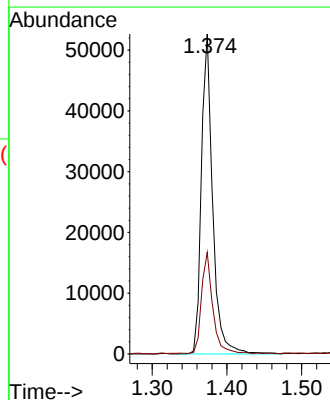
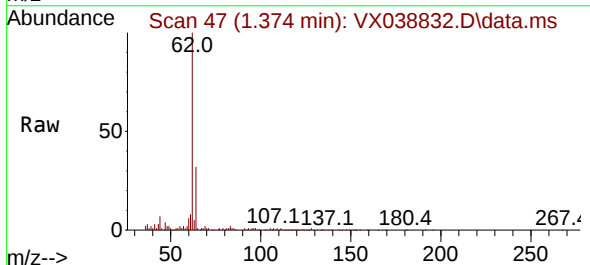
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ClientSampleId :
VSTDICC020

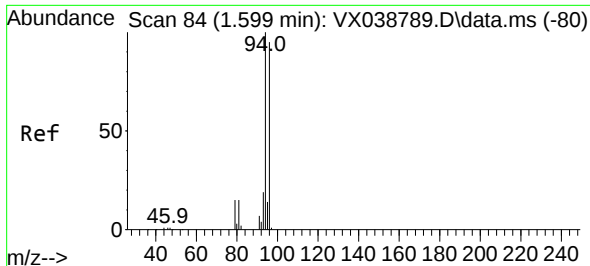
Tgt Ion: 50 Resp: 53232
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3



#4
Vinyl Chloride
Concen: 20.884 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 62 Resp: 55033
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

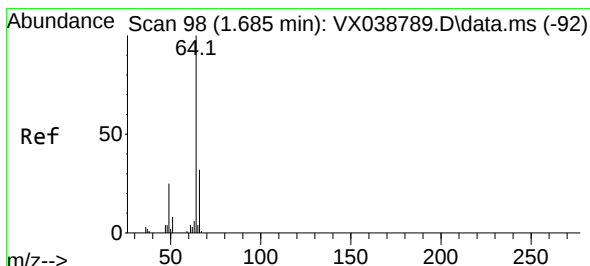
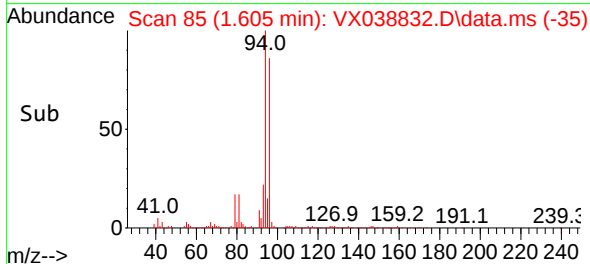
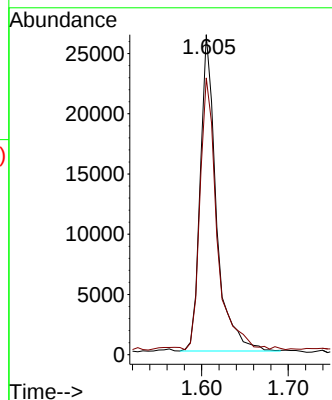
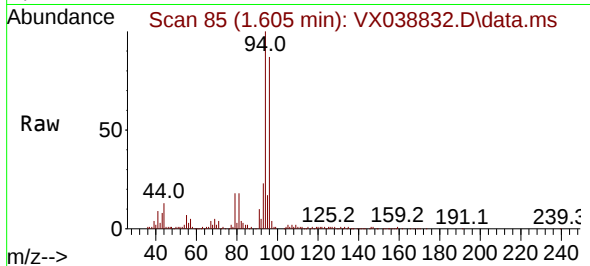




#5
Bromomethane
Concen: 31.123 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

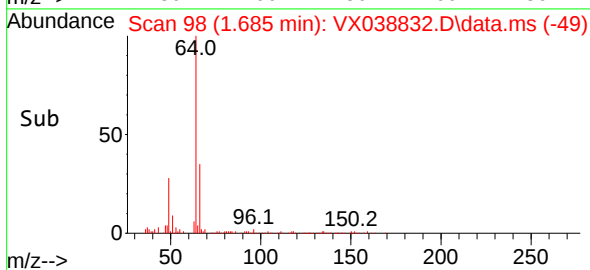
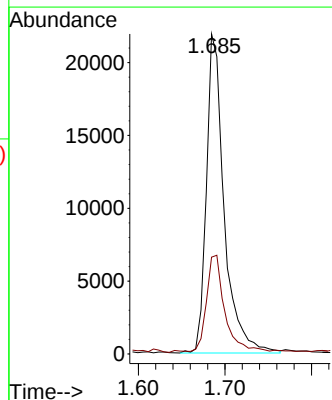
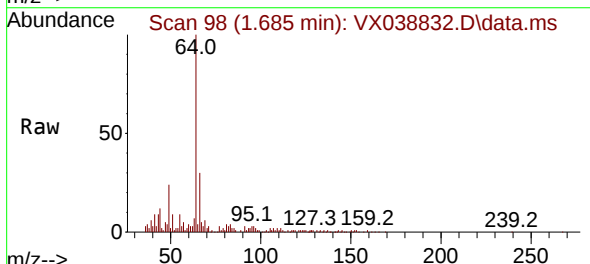
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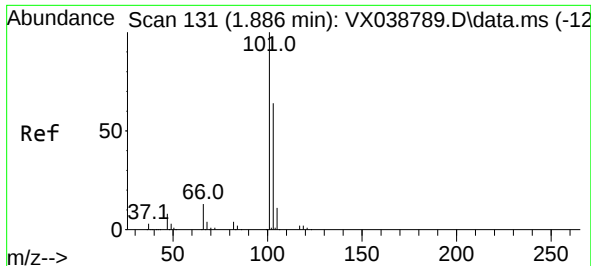
Tgt Ion: 94 Resp: 33909
Ion Ratio Lower Upper
94 100
96 85.5 74.6 111.8



#6
Chloroethane
Concen: 20.714 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 64 Resp: 31151
Ion Ratio Lower Upper
64 100
66 29.4 25.1 37.7

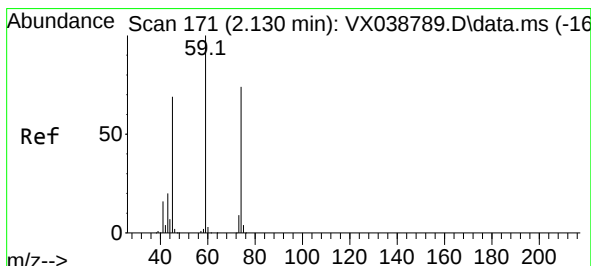
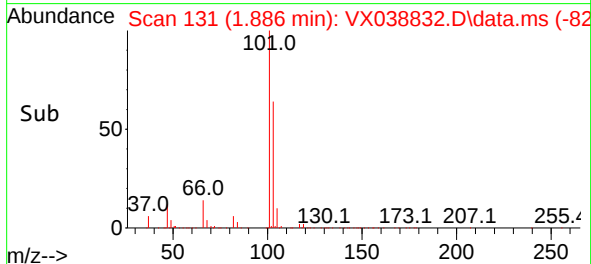
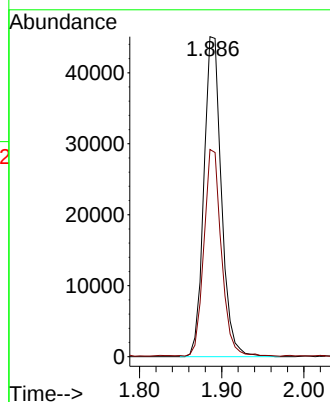
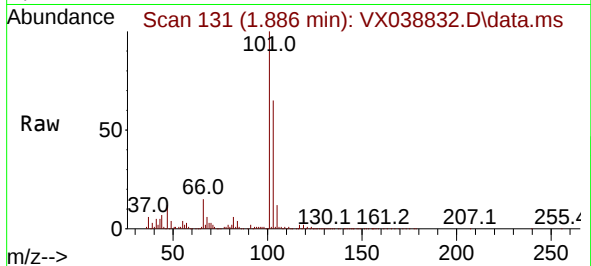




#7
 Trichlorofluoromethane
 Concen: 19.933 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038832.D
 Acq: 16 Nov 2023 10:57

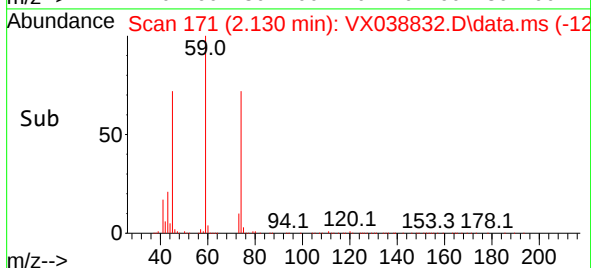
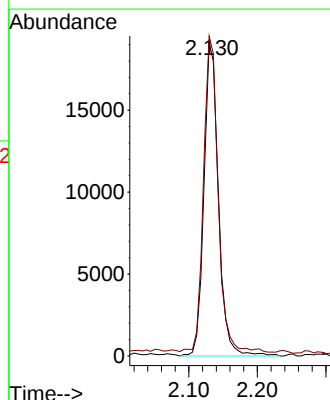
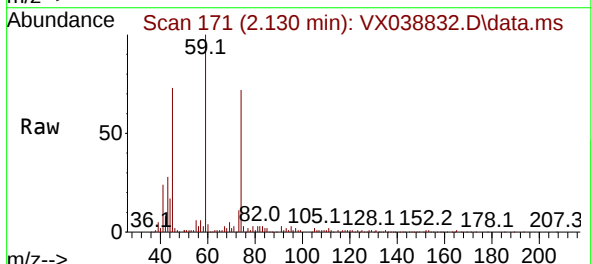
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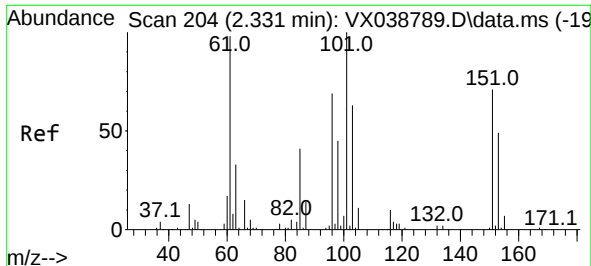
Tgt Ion:101 Resp: 66655
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 19.388 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX038832.D
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Tgt Ion: 74 Resp: 28237
 Ion Ratio Lower Upper
 74 100
 45 101.0 53.3 159.8

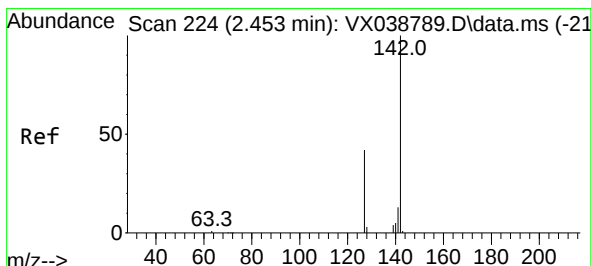
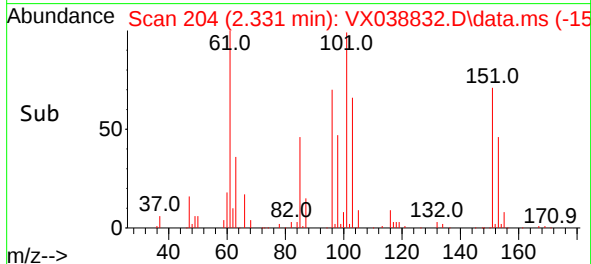
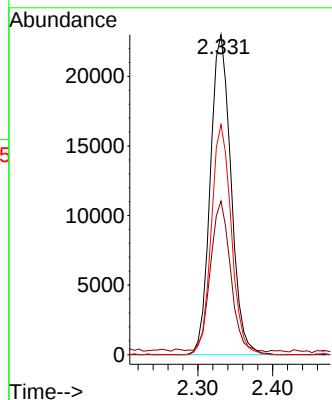
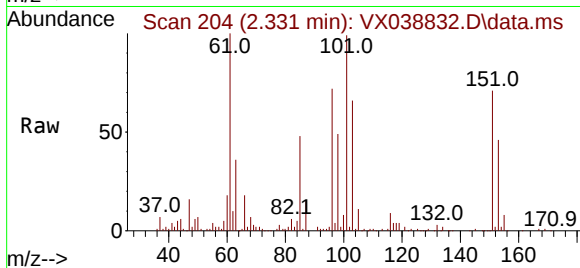




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.881 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

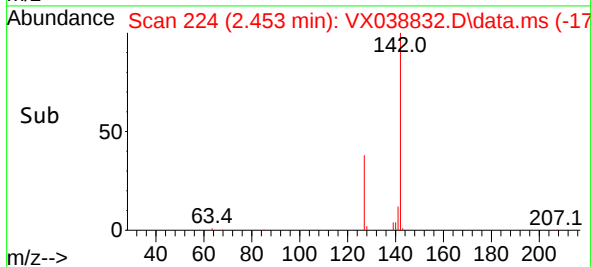
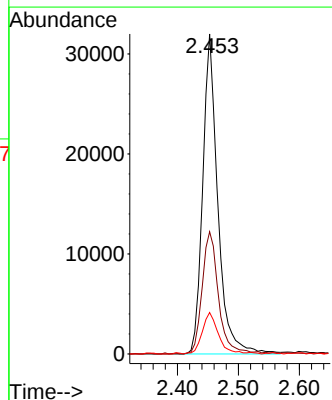
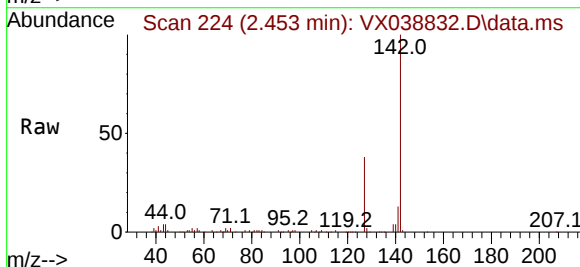
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

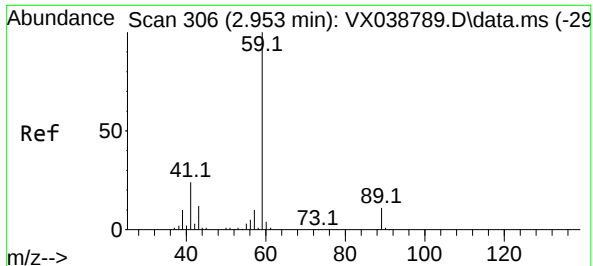
Tgt Ion:101	Resp:	44089
Ion Ratio	Lower	Upper
101	100	
85	45.7	37.0 55.6
151	69.8	58.6 87.8



#10
Methyl Iodide
Concen: 20.453 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion:142	Resp:	55205
Ion Ratio	Lower	Upper
142	100	
127	41.7	41.6 62.4
141	13.7	11.6 17.4

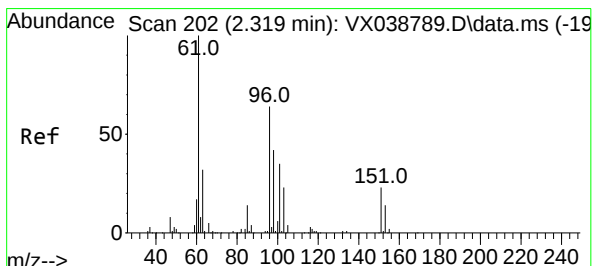
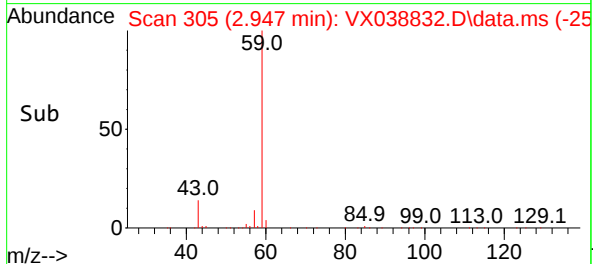
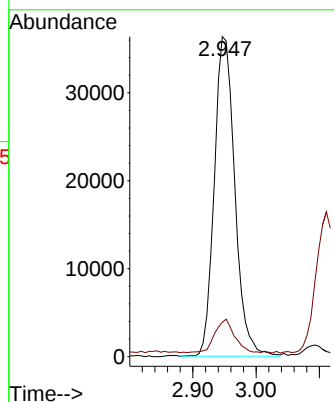
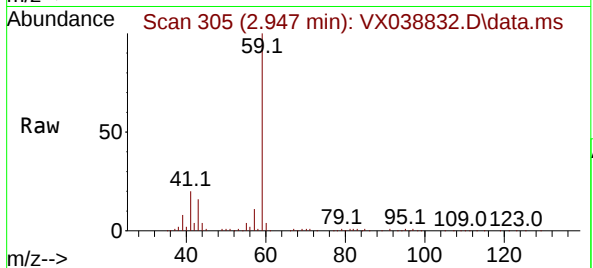




#11
Tert butyl alcohol
Concen: 101.847 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

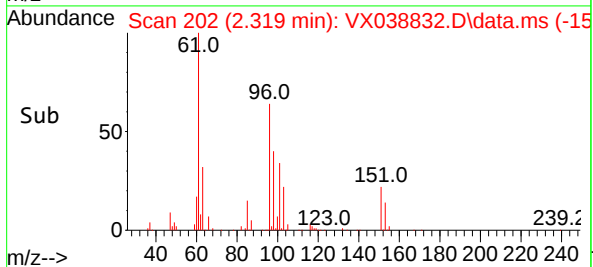
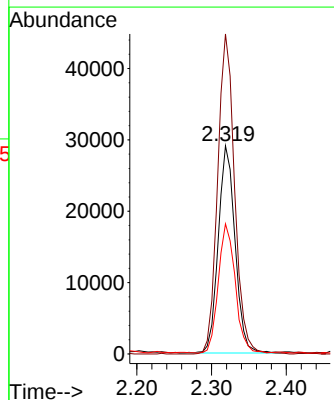
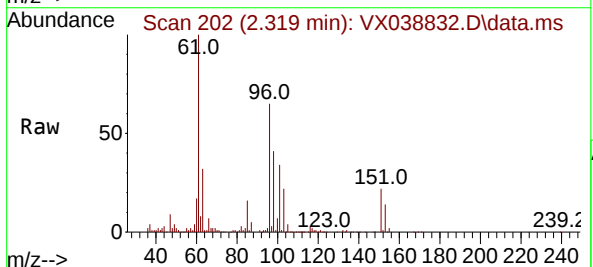
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

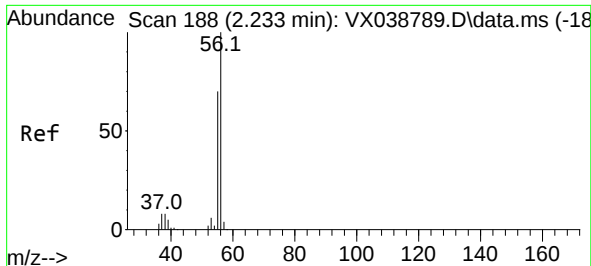
Tgt Ion: 59 Resp: 81991
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 20.301 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 96 Resp: 45452
Ion Ratio Lower Upper
96 100
61 154.5 144.6 216.8
98 62.0 50.4 75.6

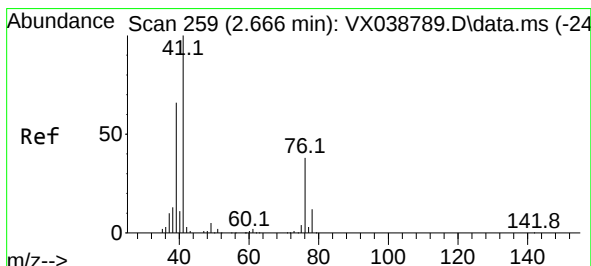
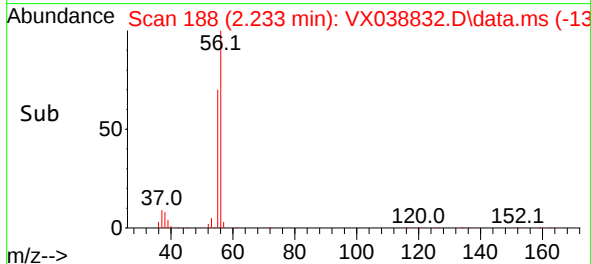
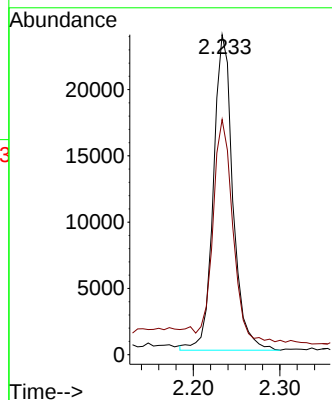
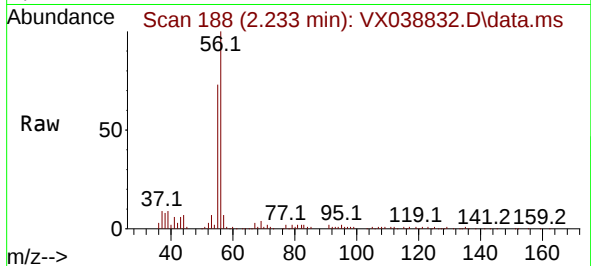




#13
Acrolein
Concen: 87.606 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

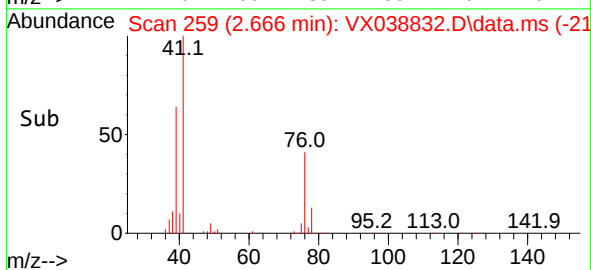
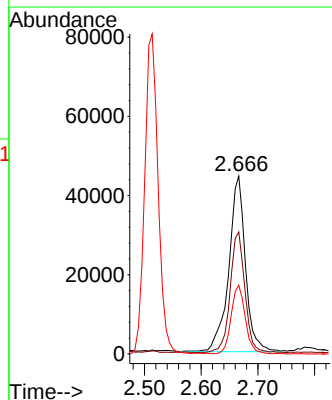
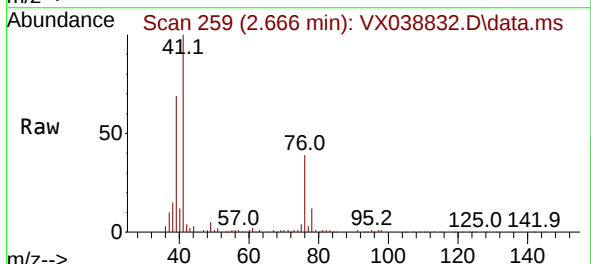
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

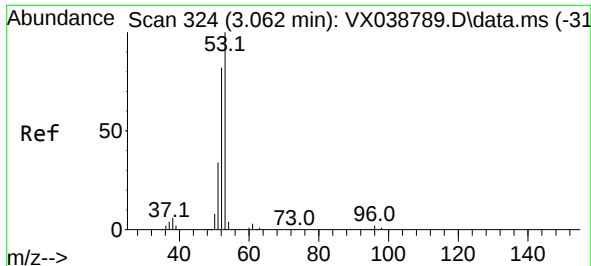
Tgt Ion: 56 Resp: 37313
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7



#14
Allyl chloride
Concen: 20.247 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 41 Resp: 90758
Ion Ratio Lower Upper
41 100
39 60.6 55.8 83.6
76 32.7 24.3 36.5

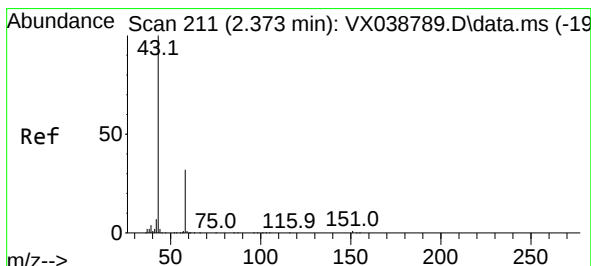
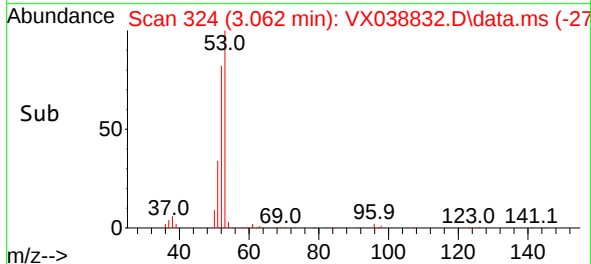
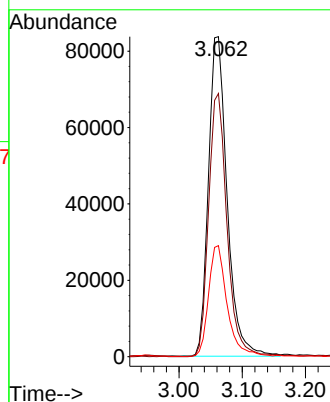
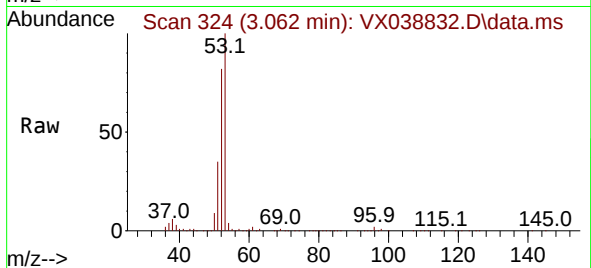




#15
Acrylonitrile
Concen: 101.285 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

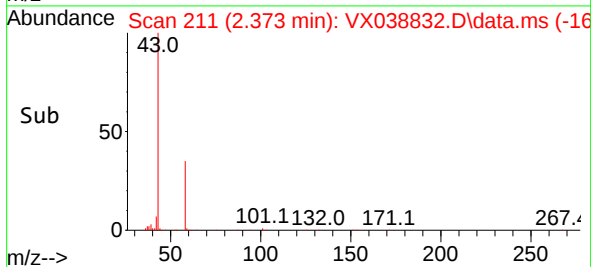
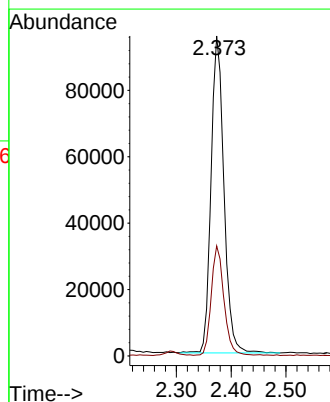
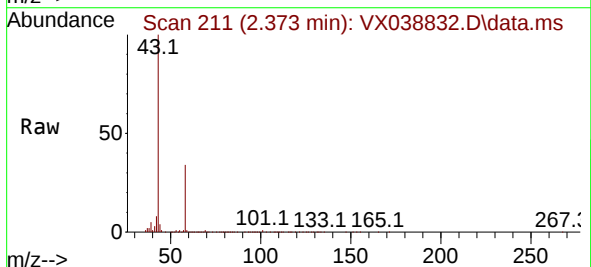
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

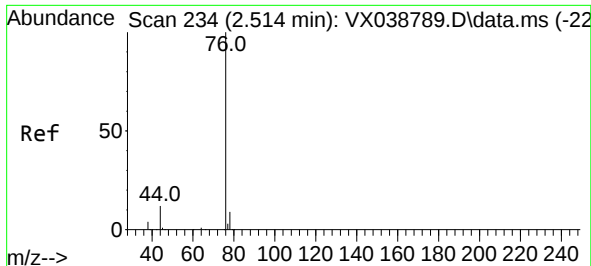
Tgt Ion: 53 Resp: 172290
Ion Ratio Lower Upper
53 100
52 81.5 66.0 99.0
51 34.5 29.8 44.6



#16
Acetone
Concen: 100.874 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 43 Resp: 155430
Ion Ratio Lower Upper
43 100
58 34.5 21.9 32.9

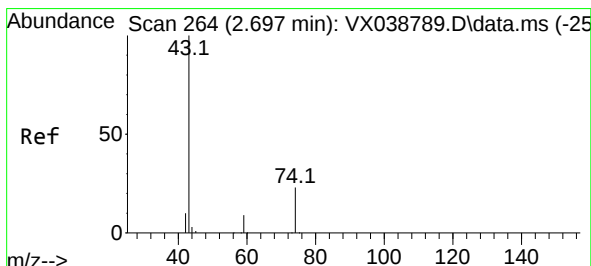
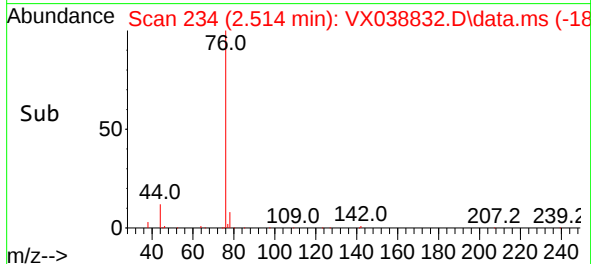
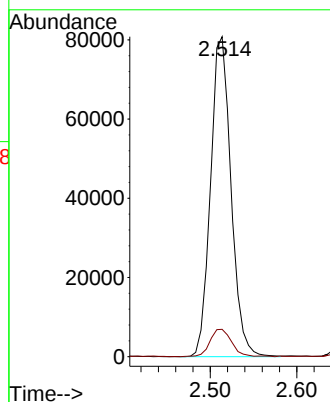
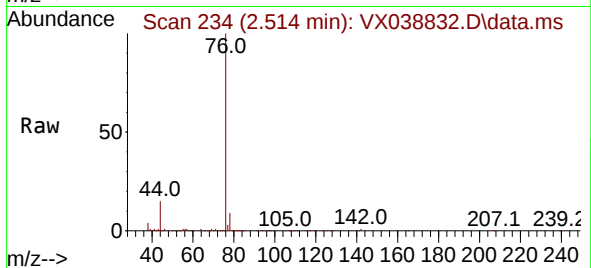




#17
Carbon Disulfide
Concen: 19.126 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

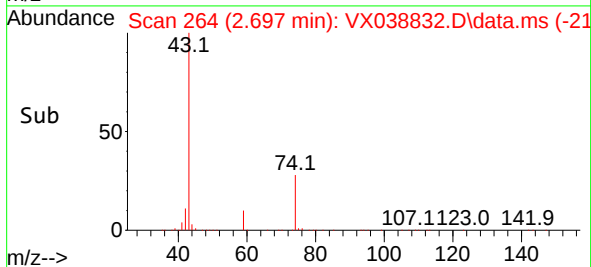
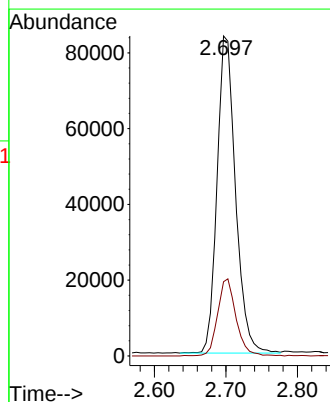
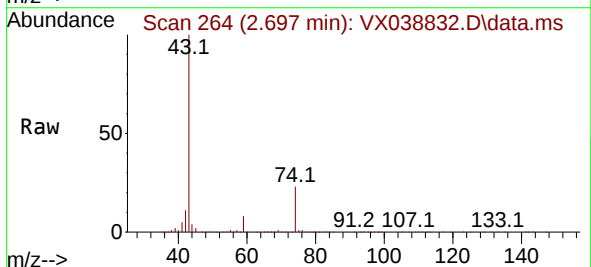
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

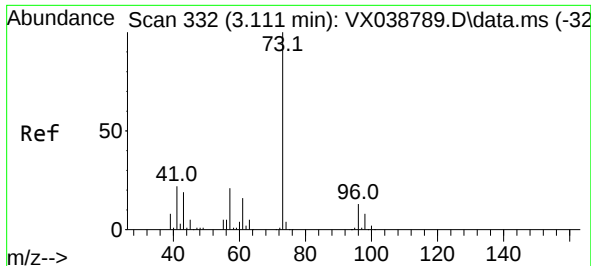
Tgt Ion: 76 Resp: 132639
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 20.505 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 43 Resp: 150072
Ion Ratio Lower Upper
43 100
74 24.4 17.8 26.8

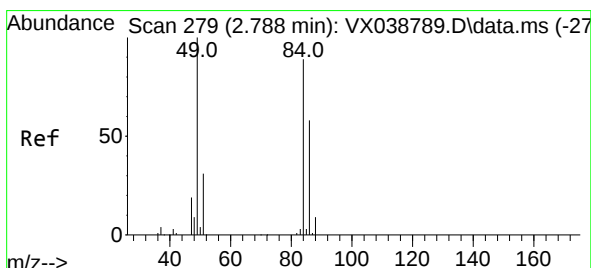
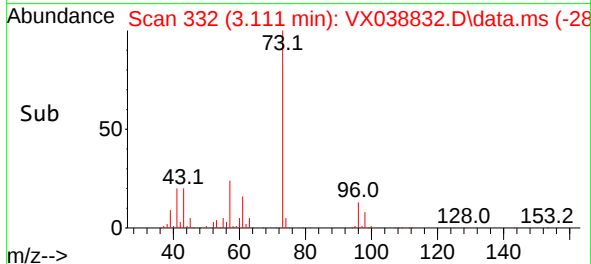
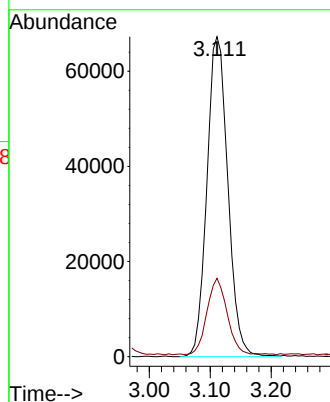
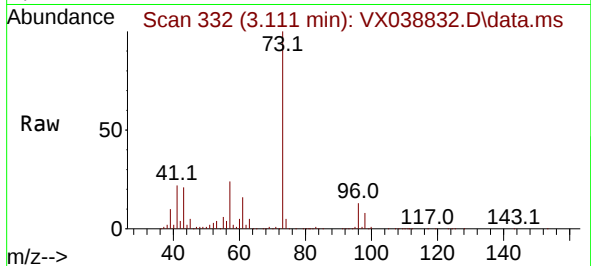




#19
Methyl tert-butyl Ether
Concen: 20.392 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

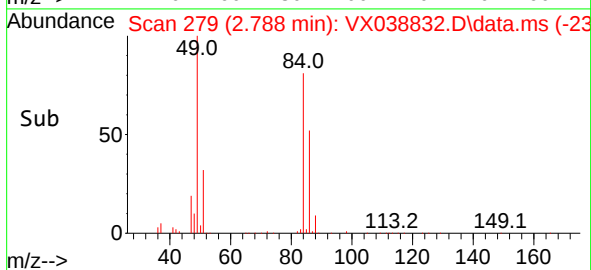
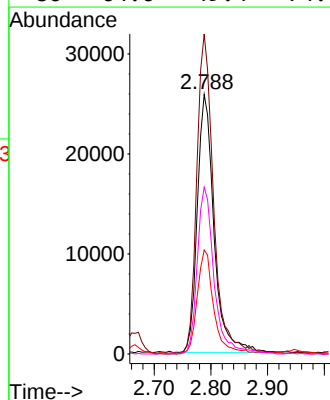
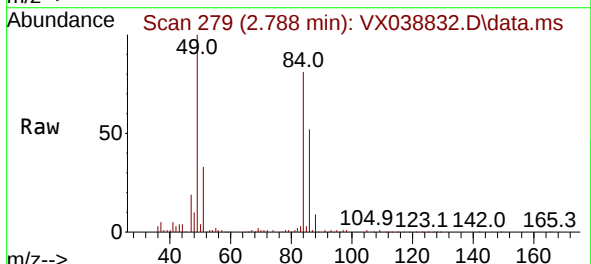
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

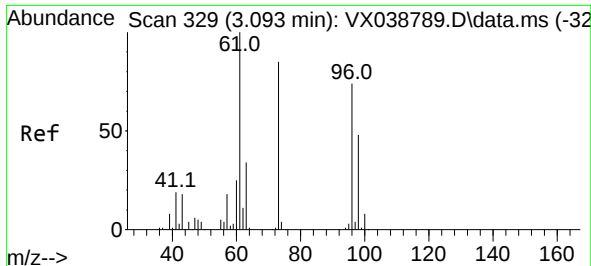
Tgt Ion: 73 Resp: 160580
Ion Ratio Lower Upper
73 100
57 23.6 17.3 25.9



#20
Methylene Chloride
Concen: 19.053 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 84 Resp: 52921
Ion Ratio Lower Upper
84 100
49 123.8 103.6 155.4
51 40.0 33.8 50.6
86 64.6 49.4 74.0

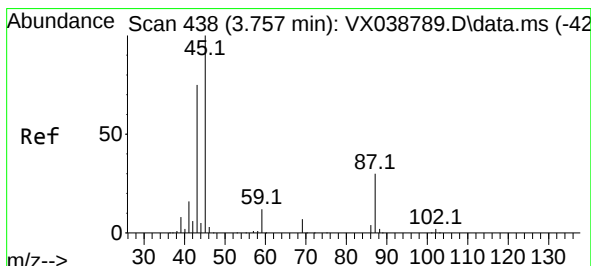
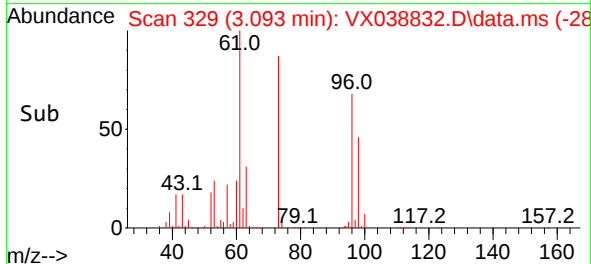
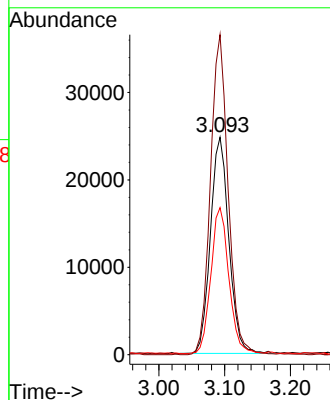
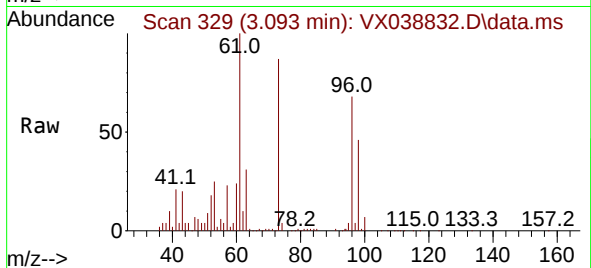




#21
trans-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

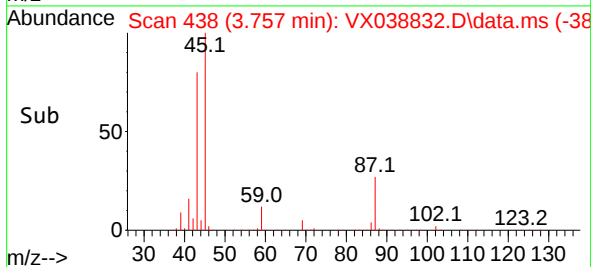
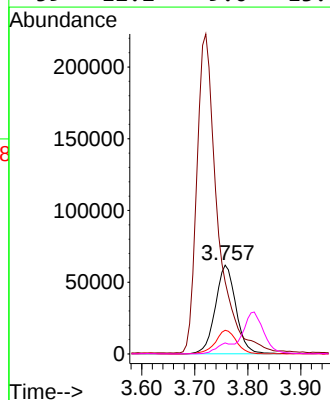
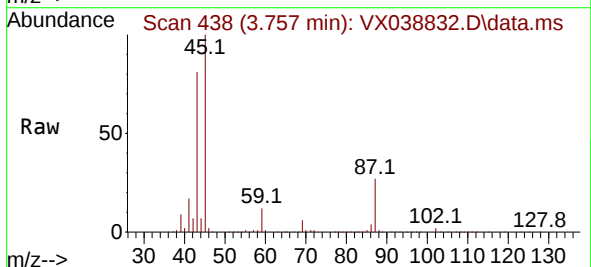
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

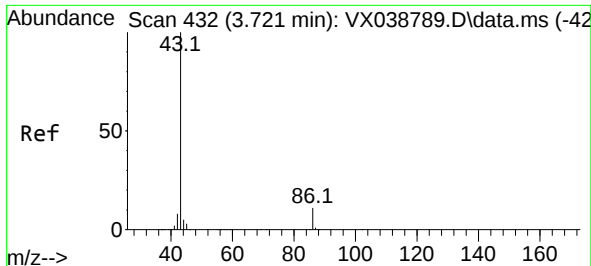
Tgt Ion: 96 Resp: 48233
Ion Ratio Lower Upper
96 100
61 148.0 119.2 178.8
98 67.5 48.7 73.1



#22
Diisopropyl ether
Concen: 20.203 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 45 Resp: 166131
Ion Ratio Lower Upper
45 100
43 80.1 69.7 104.5
87 26.8 20.8 31.2
59 12.2 9.0 13.4

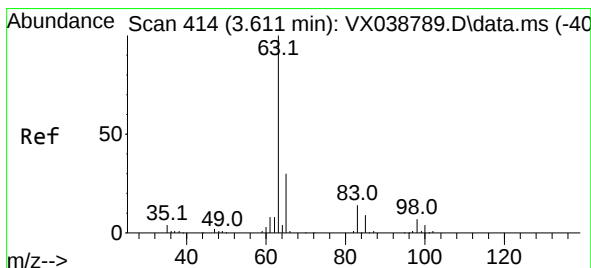
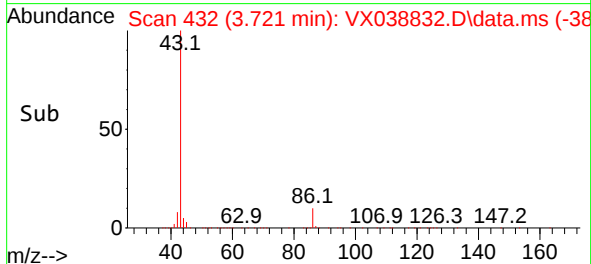
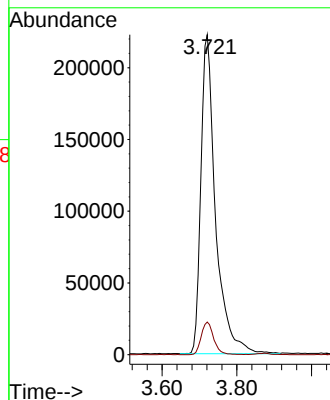
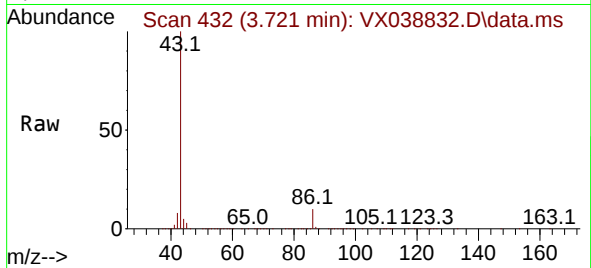




#23
 Vinyl Acetate
 Concen: 102.183 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038832.D
 Acq: 16 Nov 2023 10:57

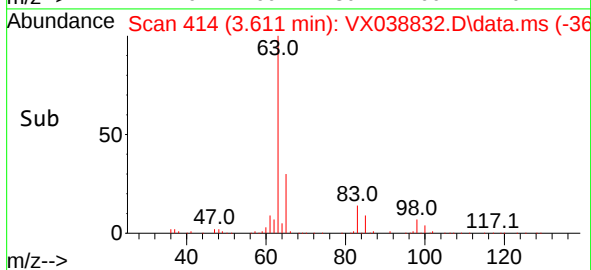
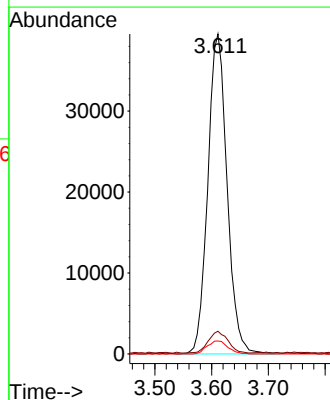
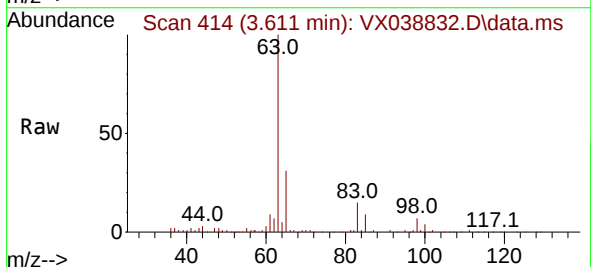
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

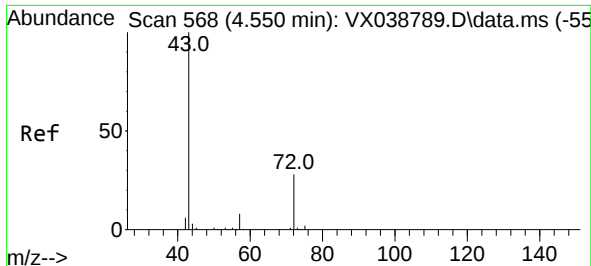
Tgt Ion: 43 Resp: 605174
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.308 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038832.D
 Acq: 16 Nov 2023 10:57

Tgt Ion: 63 Resp: 93389
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.1 2.1 6.5

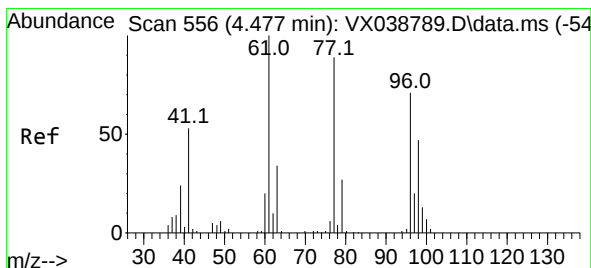
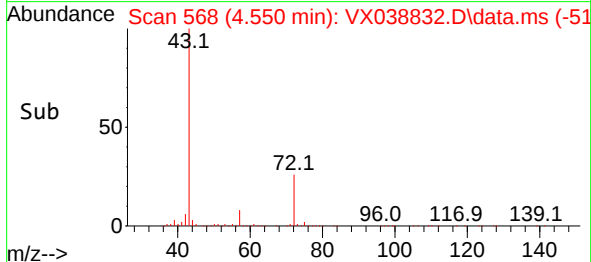
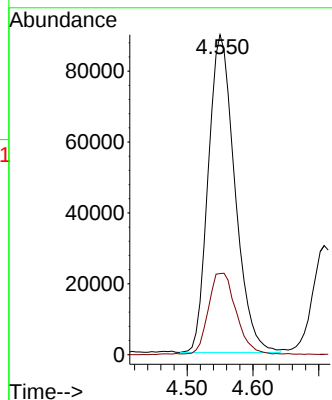
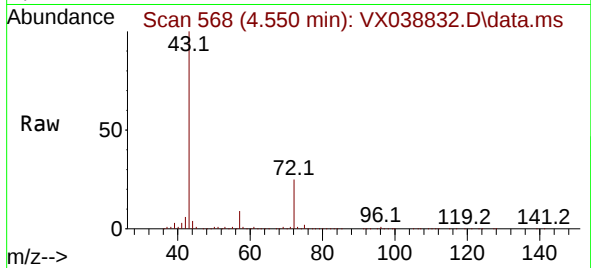




#25
2-Butanone
Concen: 101.012 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

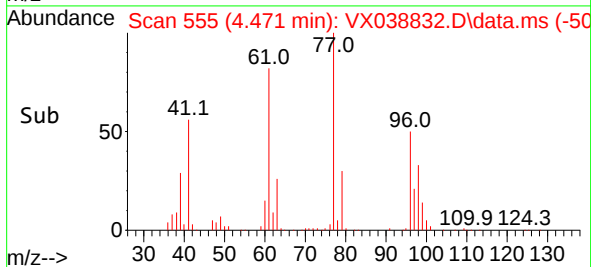
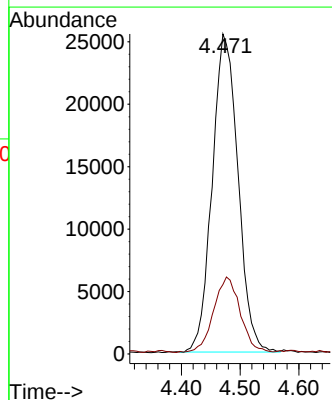
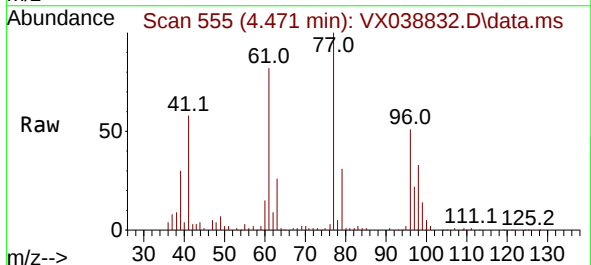
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

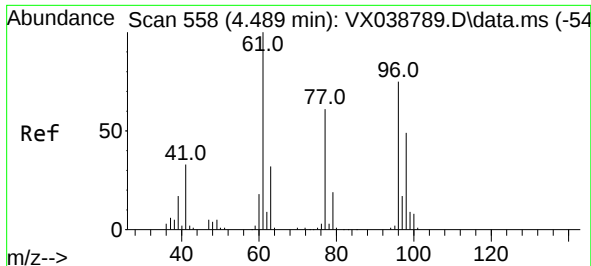
Tgt Ion: 43 Resp: 252396
Ion Ratio Lower Upper
43 100
72 25.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 19.470 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 77 Resp: 77664
Ion Ratio Lower Upper
77 100
97 24.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.909 ug/l

RT: 4.489 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

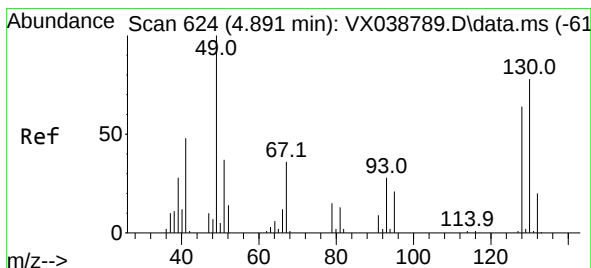
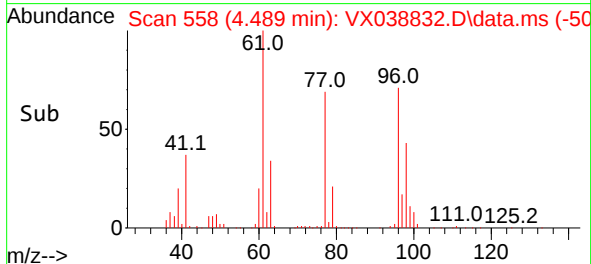
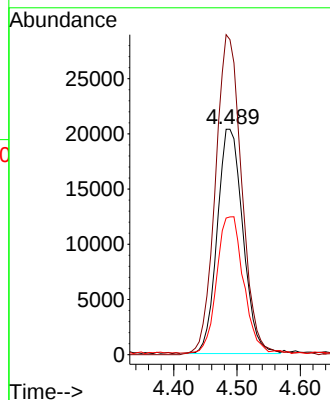
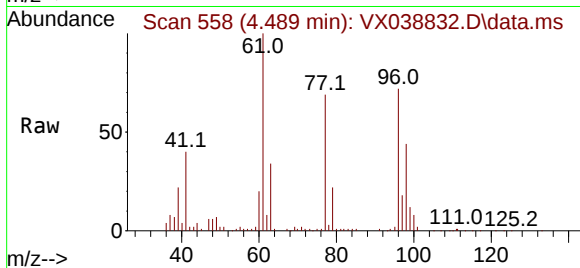
Tgt Ion: 96 Resp: 57329

Ion Ratio Lower Upper

96 100

61 146.6 0.0 312.2

98 62.6 0.0 129.0



#28

Bromochloromethane

Concen: 21.006 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

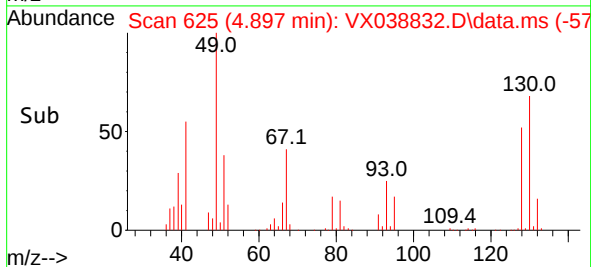
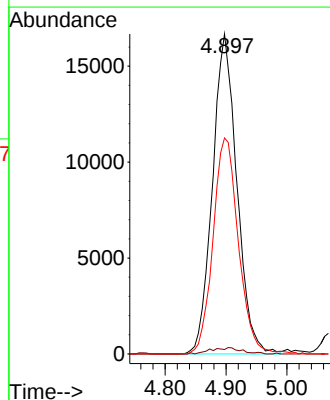
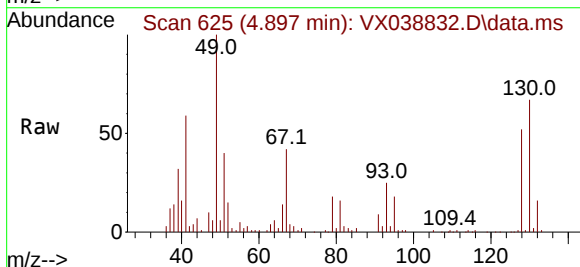
Tgt Ion: 49 Resp: 46379

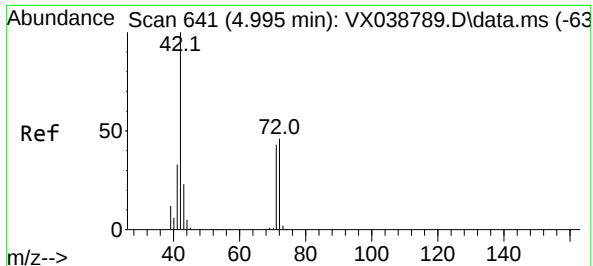
Ion Ratio Lower Upper

49 100

129 2.5 0.0 3.8

130 70.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 103.096 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

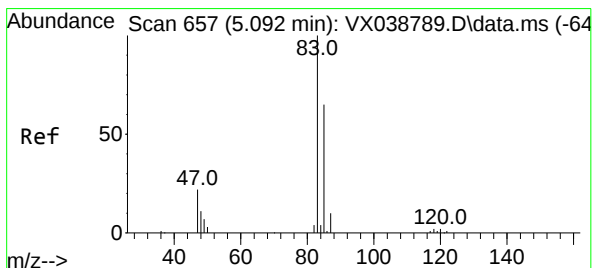
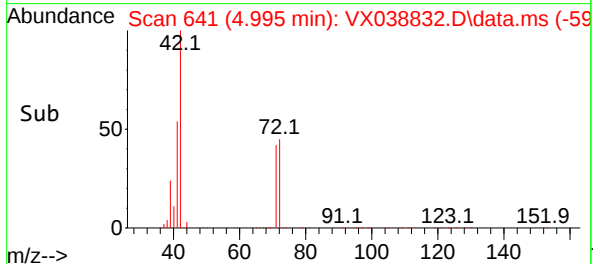
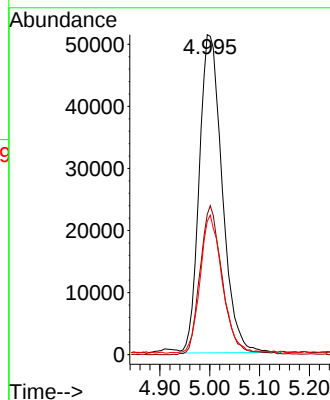
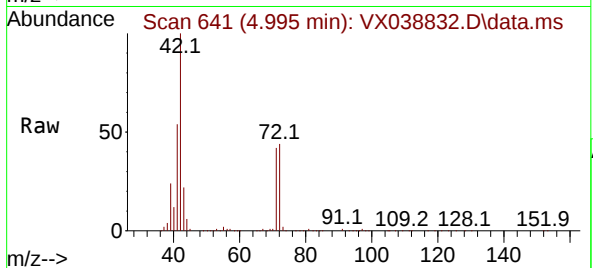
Tgt Ion: 42 Resp: 163564

Ion Ratio Lower Upper

42 100

72 45.9 34.2 51.4

71 41.8 32.2 48.2



#30

Chloroform

Concen: 20.038 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX038832.D

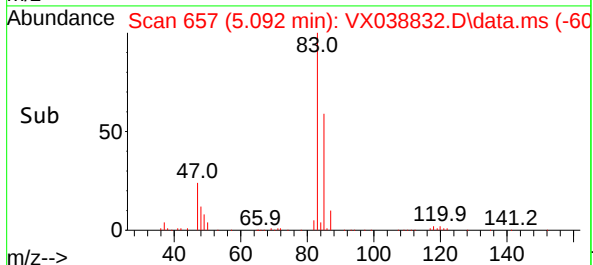
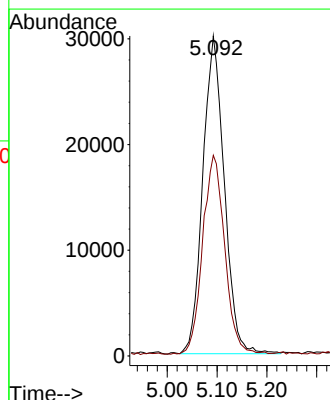
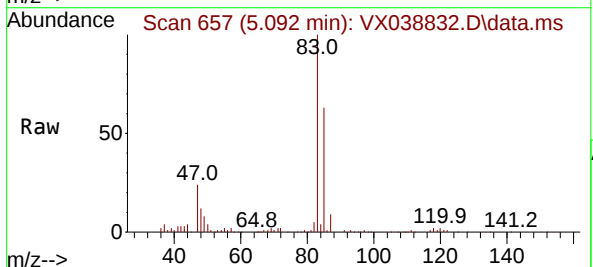
Acq: 16 Nov 2023 10:57

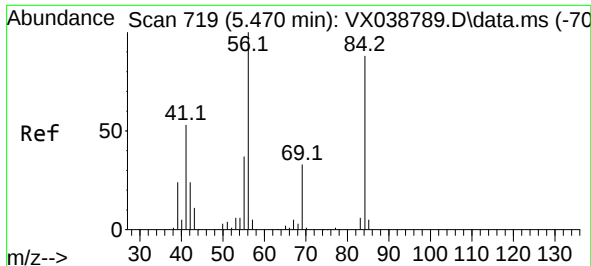
Tgt Ion: 83 Resp: 89976

Ion Ratio Lower Upper

83 100

85 62.4 50.3 75.5

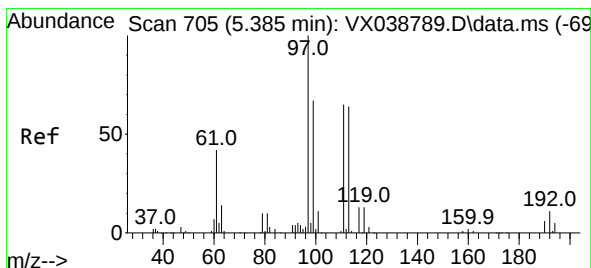
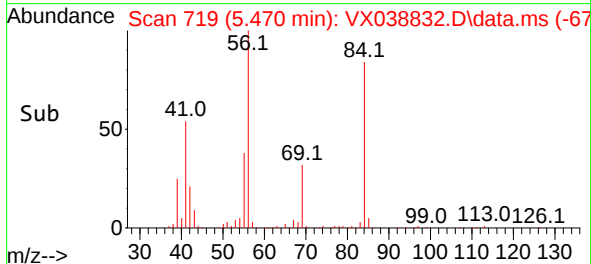
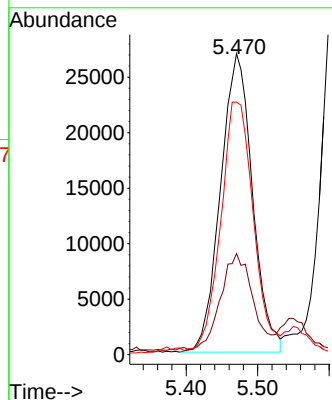
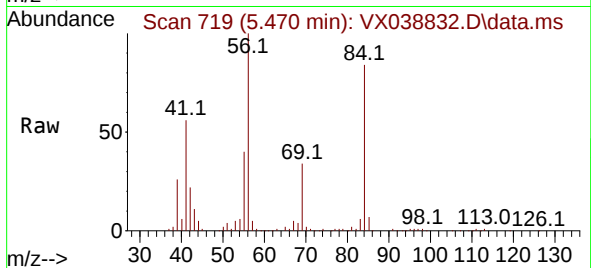




#31
Cyclohexane
Concen: 20.141 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

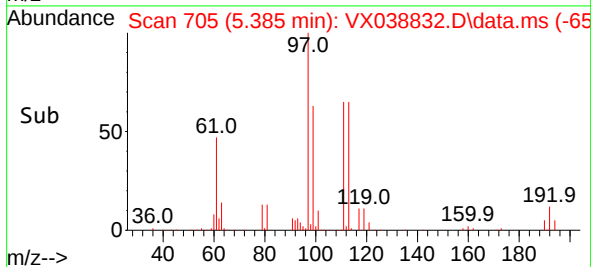
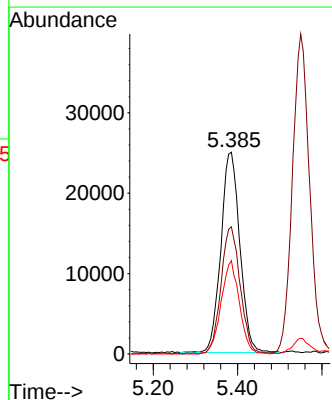
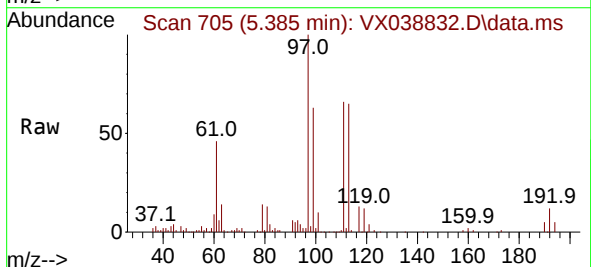
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

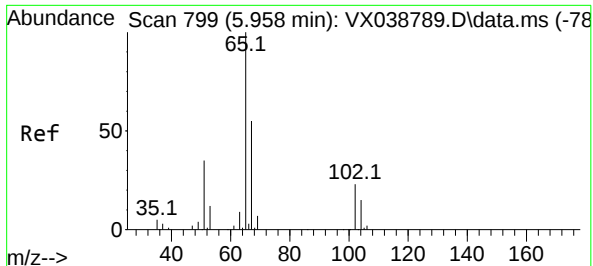
Tgt Ion: 56 Resp: 83232
Ion Ratio Lower Upper
56 100
69 31.8 23.4 35.2
84 82.4 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 19.966 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 97 Resp: 77655
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 44.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 20.535 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

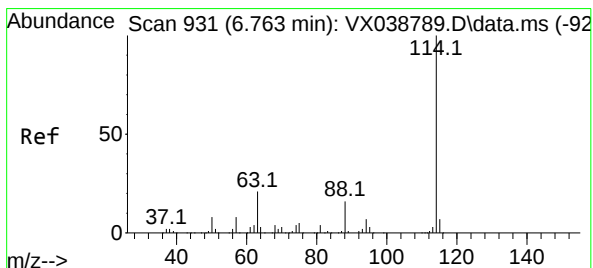
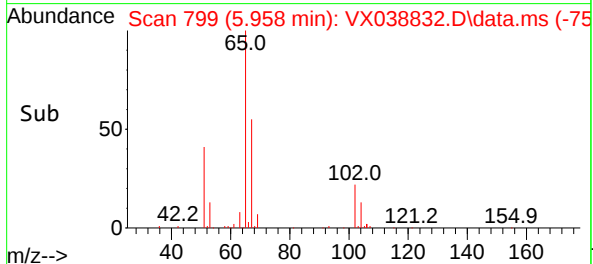
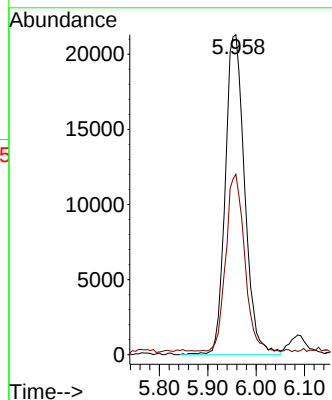
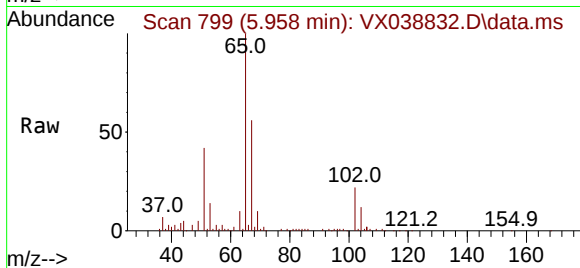
VSTDICC020

Tgt Ion: 65 Resp: 59438

Ion Ratio Lower Upper

65 100

67 53.9 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: VX038832.D

Acq: 16 Nov 2023 10:57

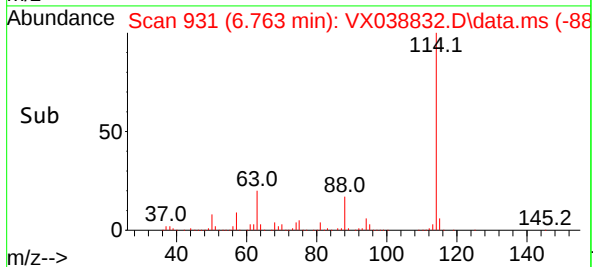
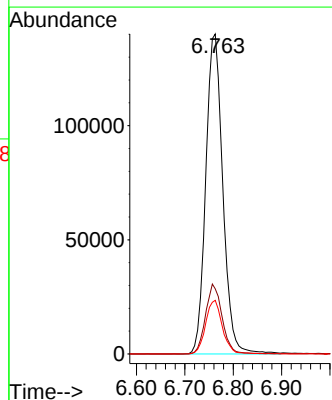
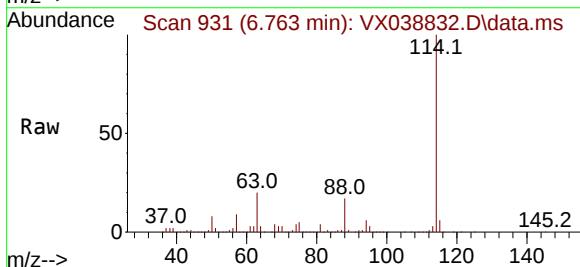
Tgt Ion: 114 Resp: 343280

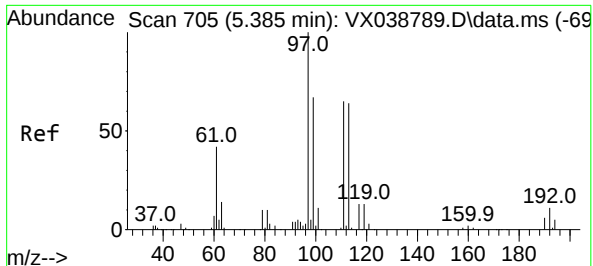
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 16.7 0.0 36.6

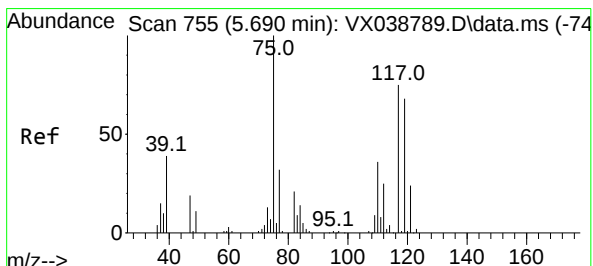
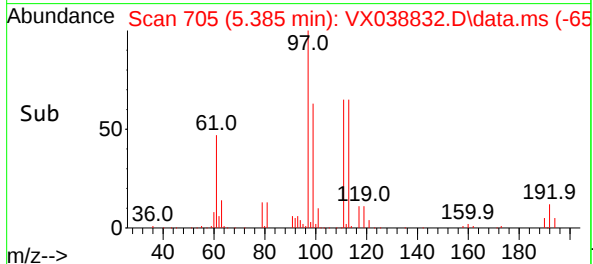
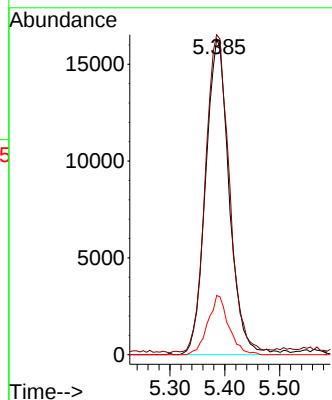
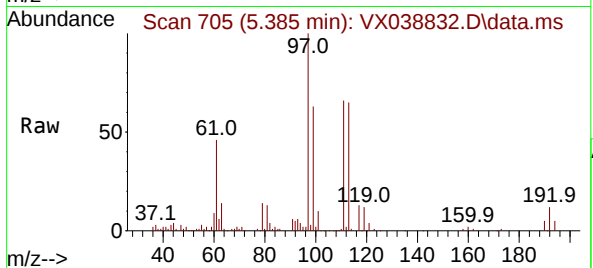




#35
Dibromofluoromethane
Concen: 19.620 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

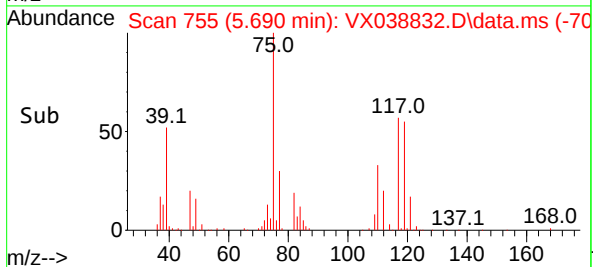
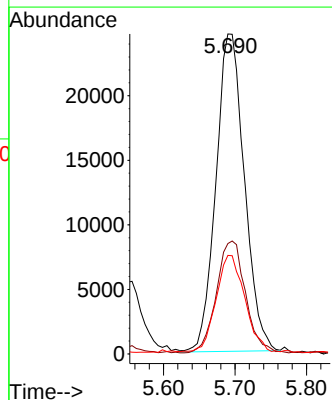
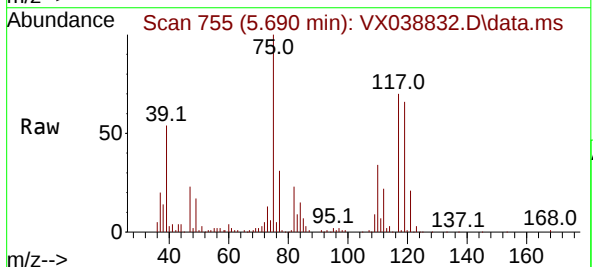
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

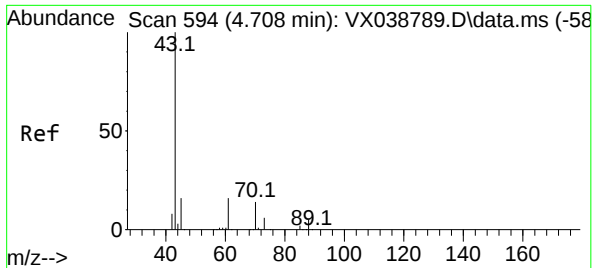
Tgt Ion:113 Resp: 48644
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 19.141 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 75 Resp: 68014
Ion Ratio Lower Upper
75 100
110 36.3 17.0 50.9
77 30.4 24.7 37.1

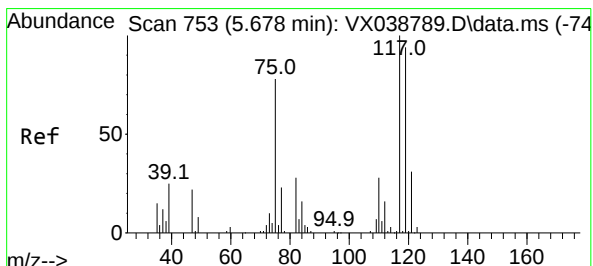
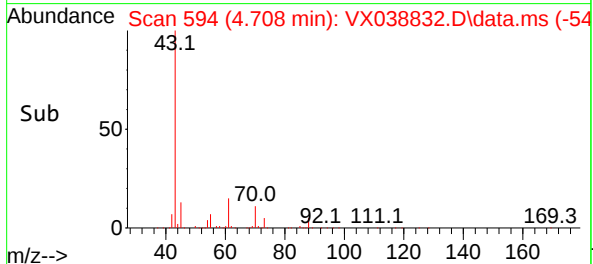
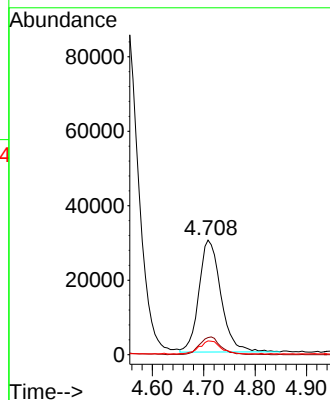
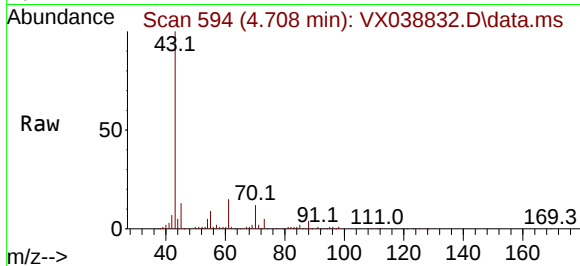




#37
Ethyl Acetate
Concen: 19.312 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

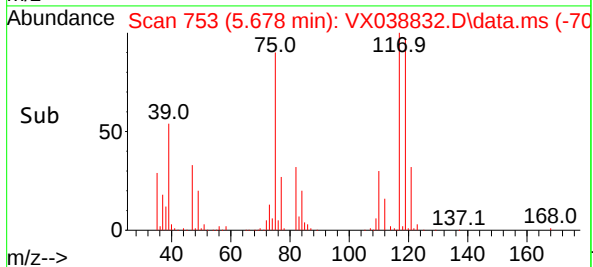
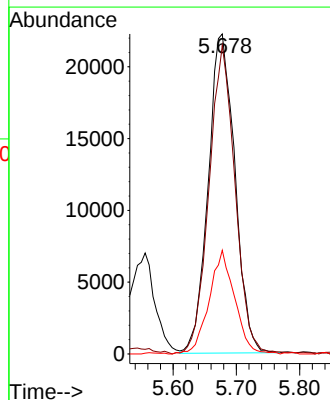
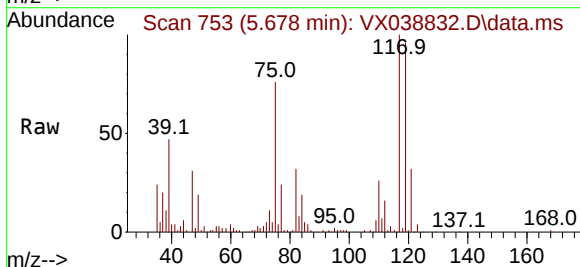
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

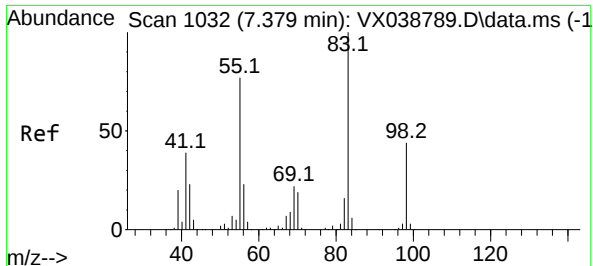
Tgt Ion: 43	Resp:	89404
Ion	Ratio	Lower Upper
43	100	
61	15.3	10.6 16.0
70	11.3	8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.832 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 117	Resp:	65130
Ion	Ratio	Lower Upper
117	100	
119	96.5	78.2 117.2
121	32.5	24.4 36.6





#39

Methylcyclohexane

Concen: 19.185 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

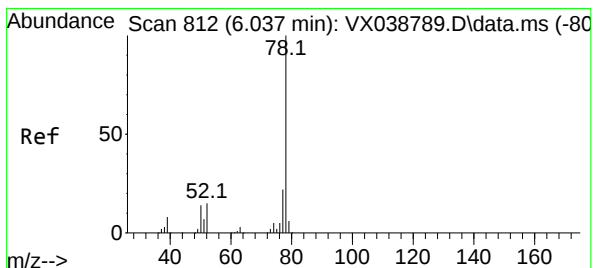
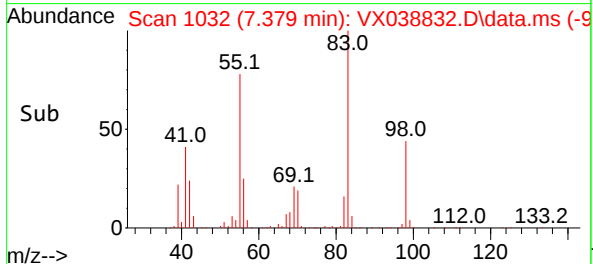
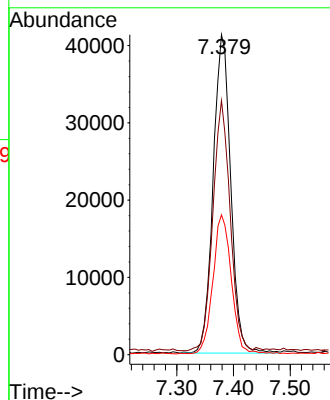
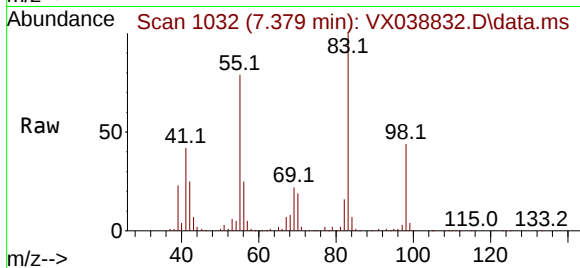
Tgt Ion: 83 Resp: 88920

Ion Ratio Lower Upper

83 100

55 78.5 64.6 97.0

98 43.5 36.7 55.1



#40

Benzene

Concen: 19.947 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038832.D

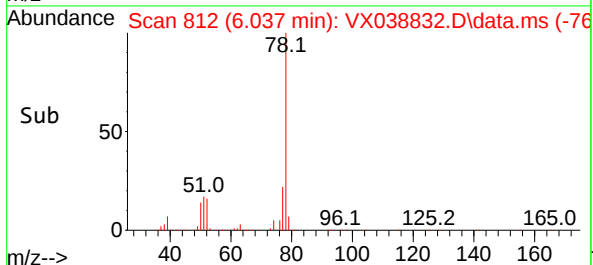
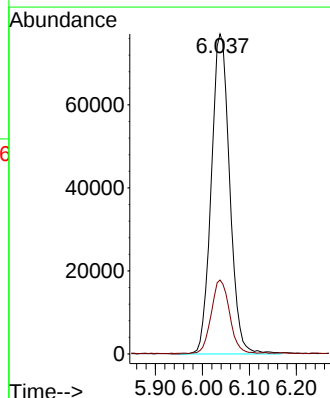
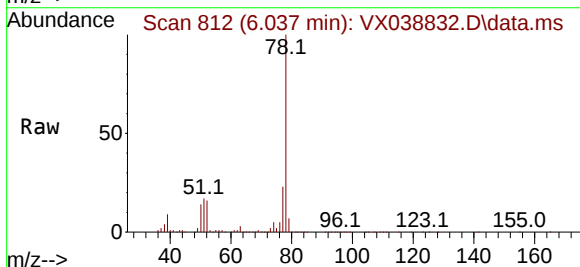
Acq: 16 Nov 2023 10:57

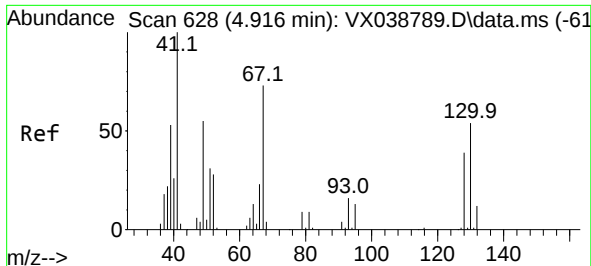
Tgt Ion: 78 Resp: 209637

Ion Ratio Lower Upper

78 100

77 22.9 19.3 28.9



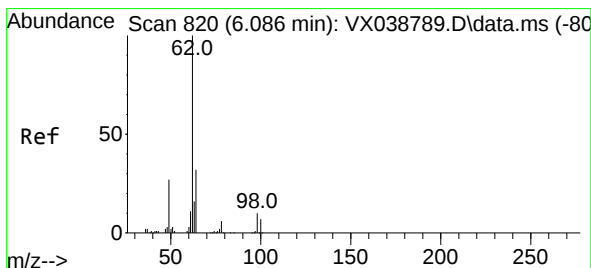
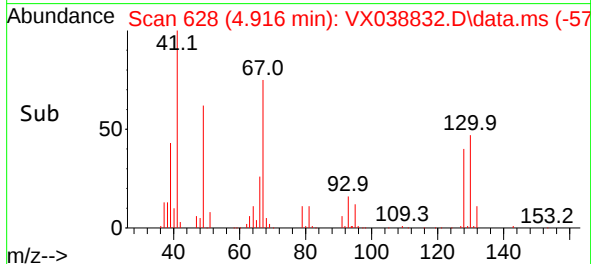
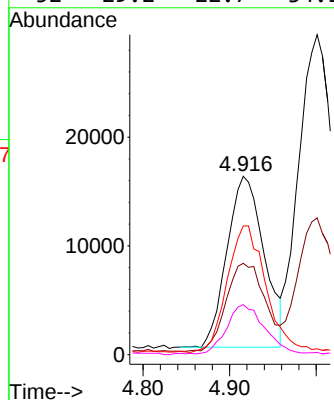
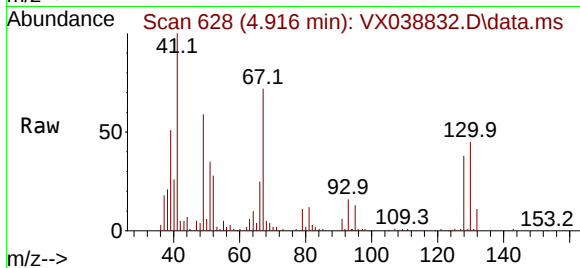


#41
Methacrylonitrile
Concen: 19.471 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 46750

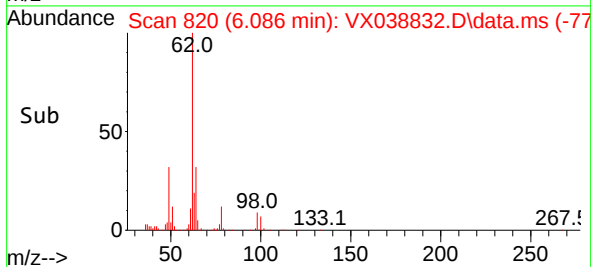
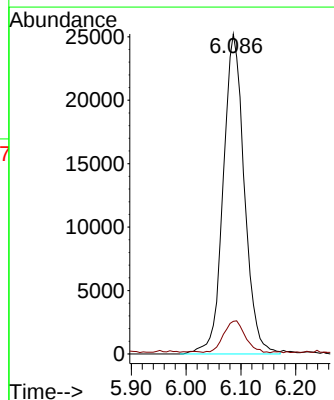
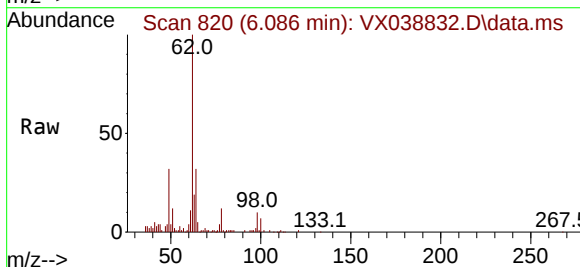
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.2	67.8
67	77.8	52.6	78.8
52	29.2	22.7	34.1

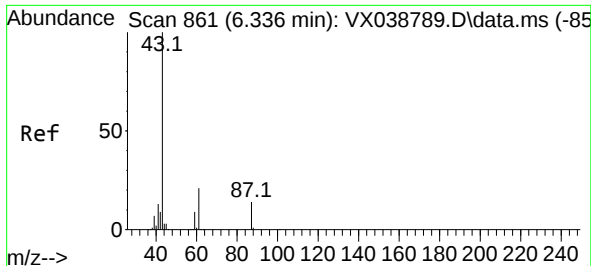


#42
1,2-Dichloroethane
Concen: 19.427 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 62 Resp: 67646

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	16.0

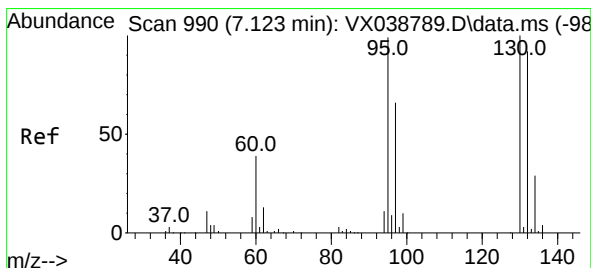
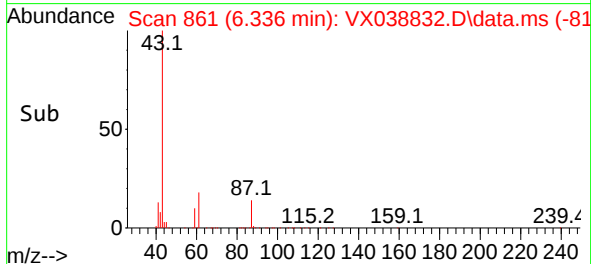
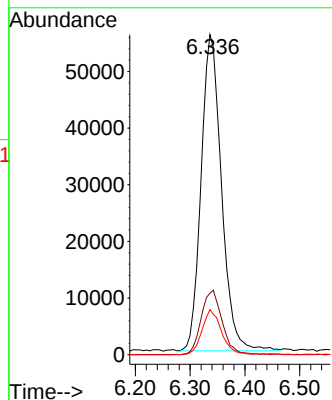
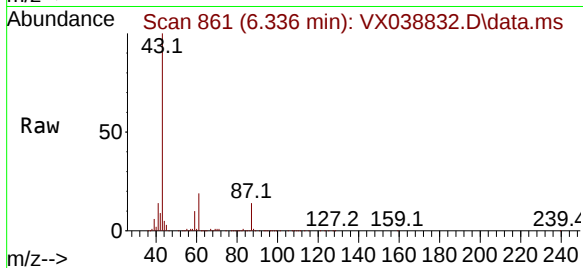




#43
Isopropyl Acetate
Concen: 19.518 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

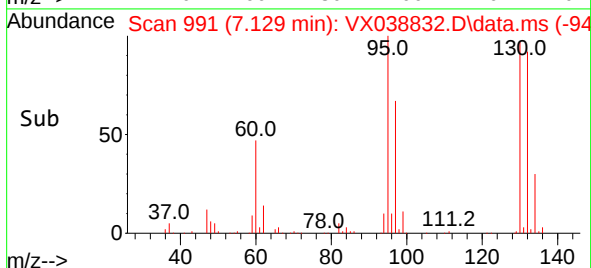
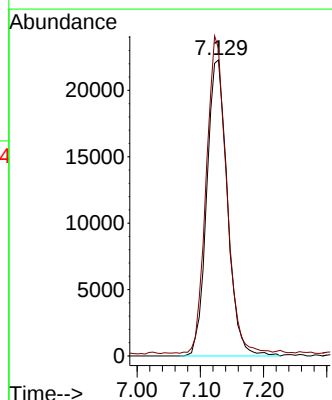
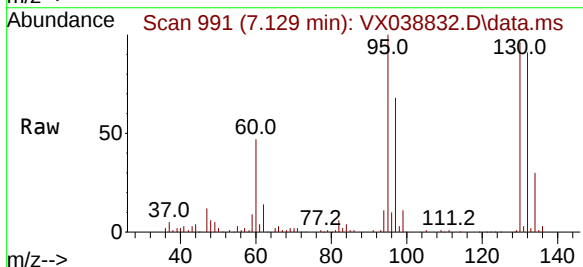
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

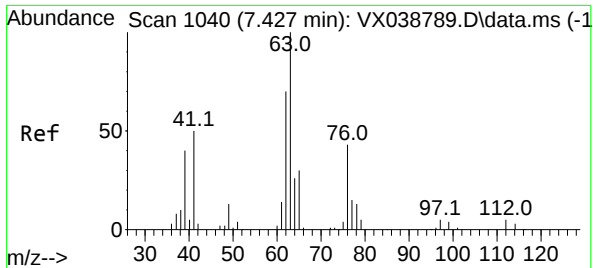
Tgt Ion: 43 Resp: 144407
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 13.5 9.8 14.6



#44
Trichloroethene
Concen: 19.792 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 130 Resp: 50630
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.4

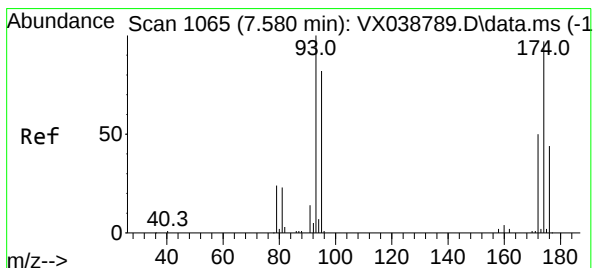
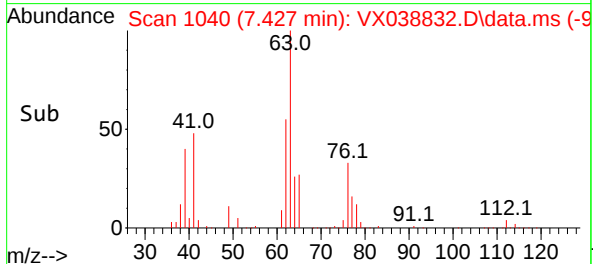
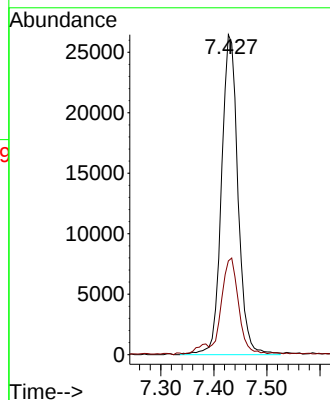
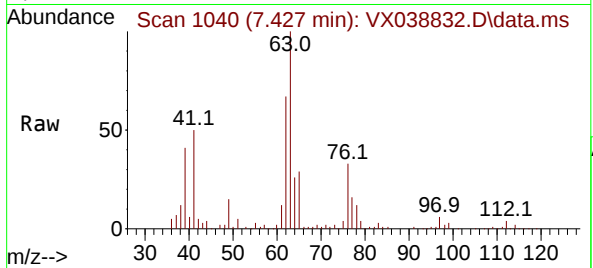




#45
1,2-Dichloropropane
Concen: 20.203 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

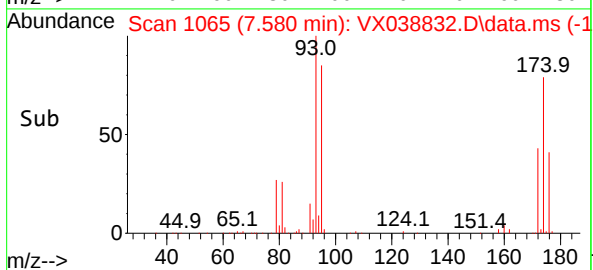
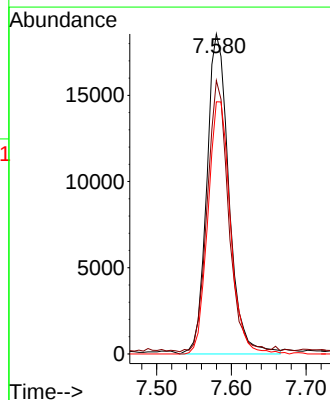
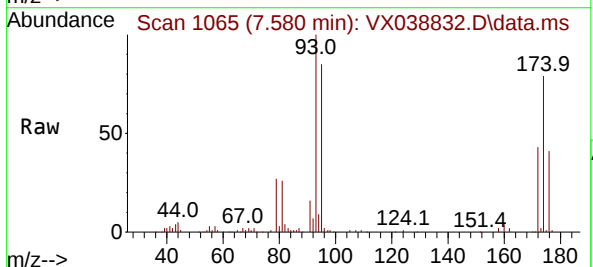
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

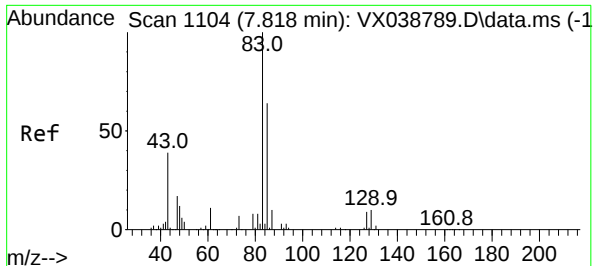
Tgt Ion: 63 Resp: 57138
Ion Ratio Lower Upper
63 100
65 28.8 24.3 36.5



#46
Dibromomethane
Concen: 20.265 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 93 Resp: 38221
Ion Ratio Lower Upper
93 100
95 81.3 66.6 100.0
174 80.3 69.4 104.0

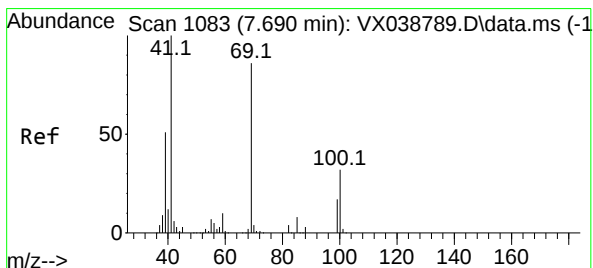
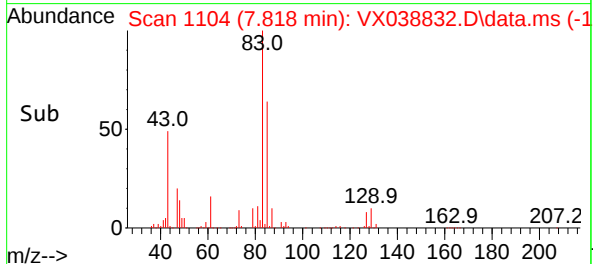
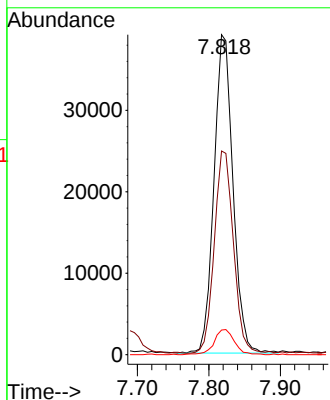
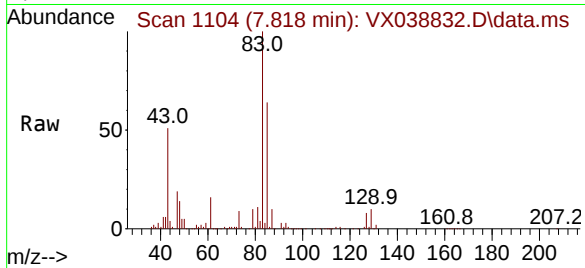




#47
Bromodichloromethane
Concen: 19.302 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

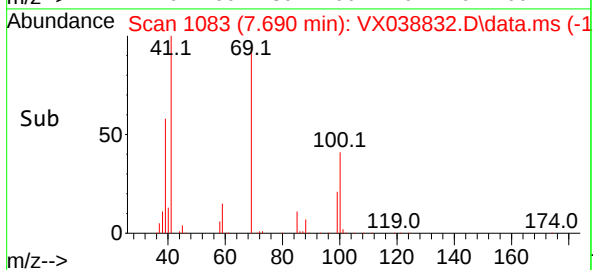
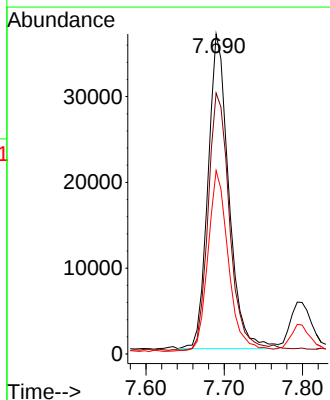
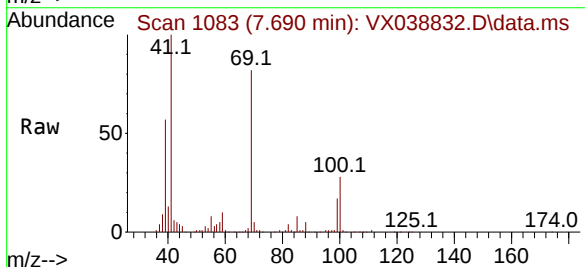
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

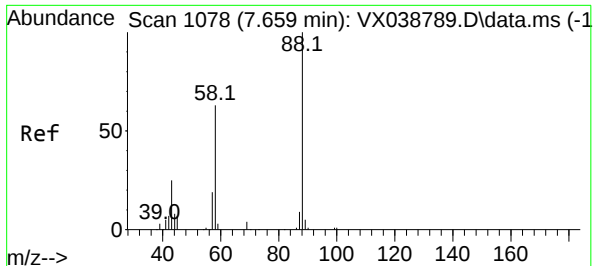
Tgt Ion: 83 Resp: 72256
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 7.7 7.1 10.7



#48
Methyl methacrylate
Concen: 18.858 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 41 Resp: 67694
Ion Ratio Lower Upper
41 100
69 84.8 59.2 88.8
39 56.6 47.7 71.5





#49

1,4-Dioxane

Concen: 420.779 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

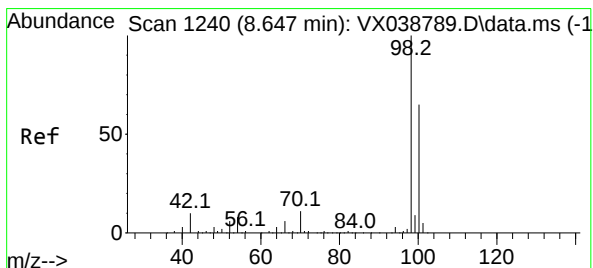
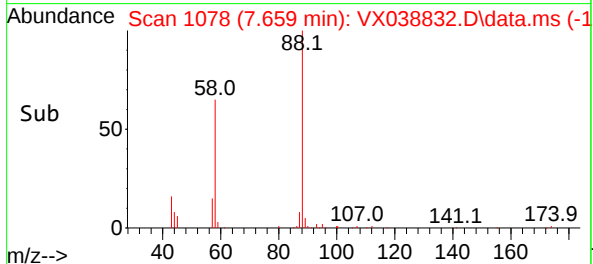
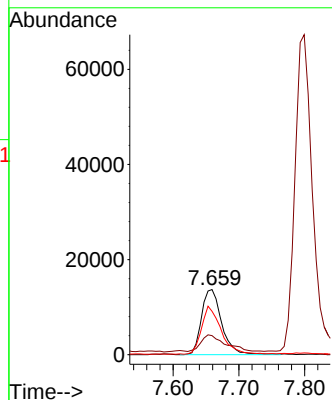
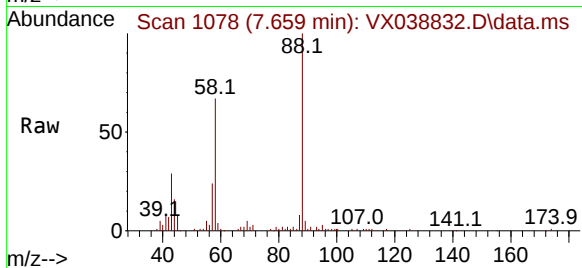
Tgt Ion: 88 Resp: 29222

Ion Ratio Lower Upper

88 100

43 29.9 0.0 0.0#

58 71.2 60.1 90.1



#50

Toluene-d8

Concen: 19.654 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038832.D

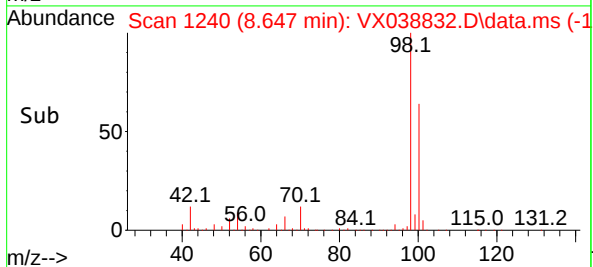
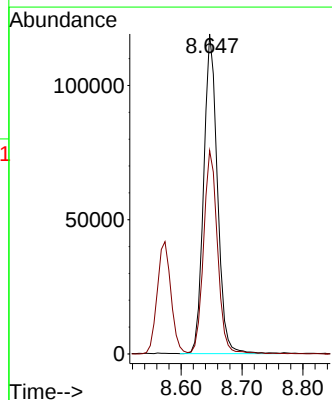
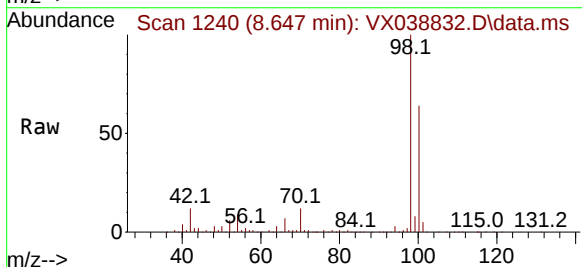
Acq: 16 Nov 2023 10:57

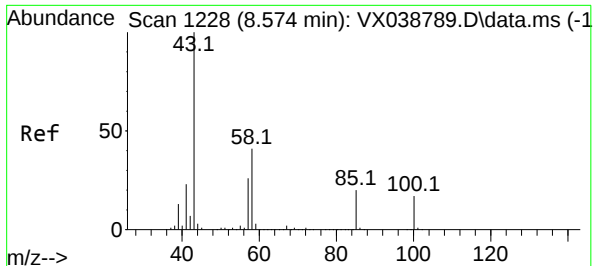
Tgt Ion: 98 Resp: 186433

Ion Ratio Lower Upper

98 100

100 64.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 100.703 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

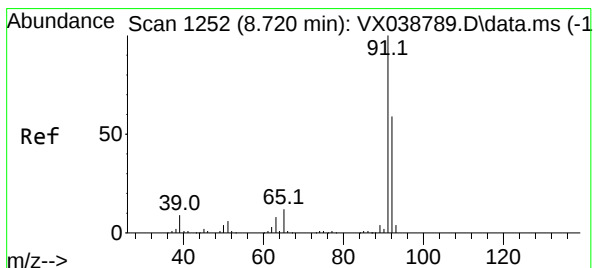
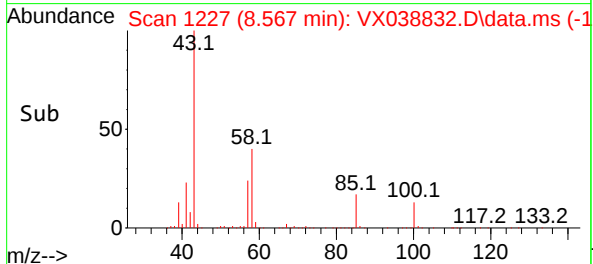
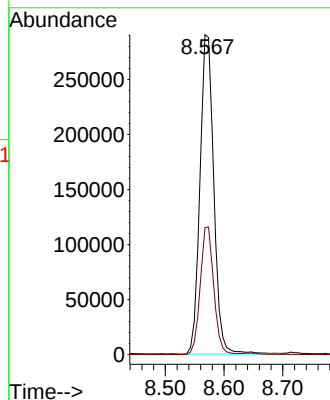
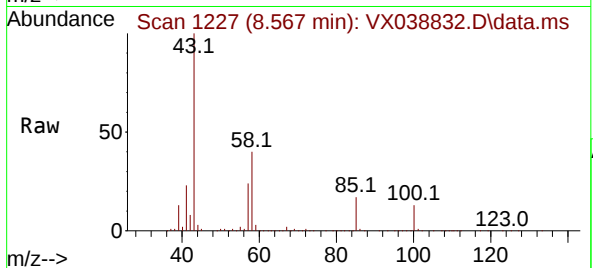
VSTDICC020

Tgt Ion: 43 Resp: 476134

Ion Ratio Lower Upper

43 100

58 39.0 30.4 45.6



#52

Toluene

Concen: 19.657 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038832.D

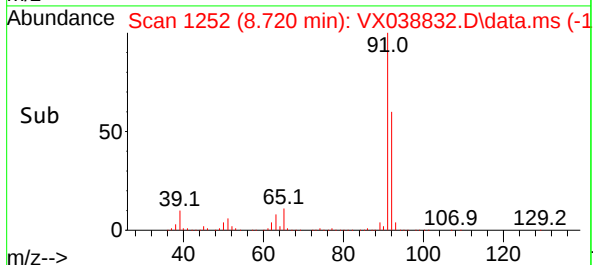
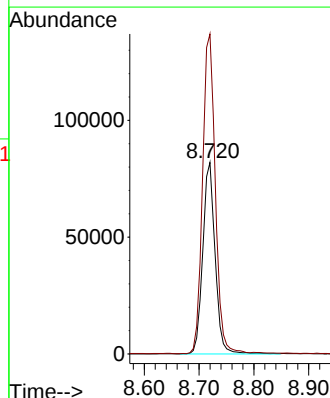
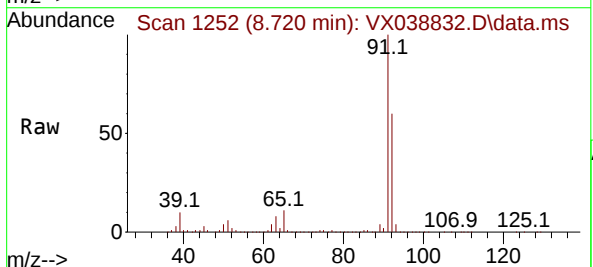
Acq: 16 Nov 2023 10:57

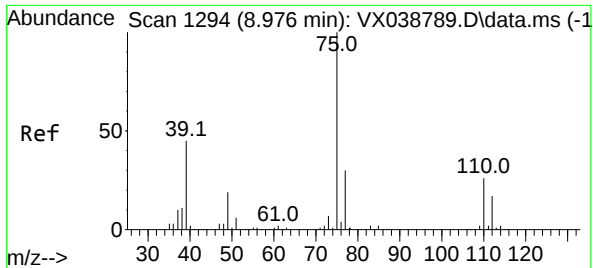
Tgt Ion: 92 Resp: 128200

Ion Ratio Lower Upper

92 100

91 171.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.597 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

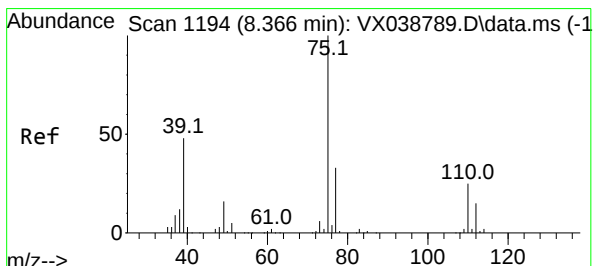
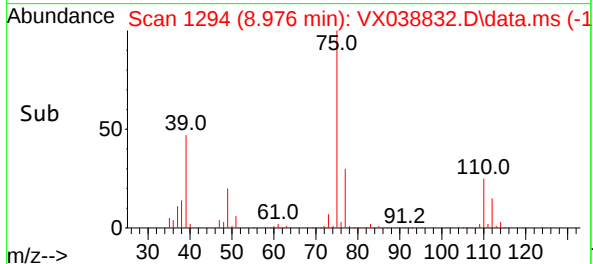
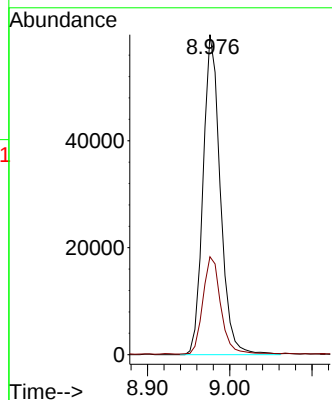
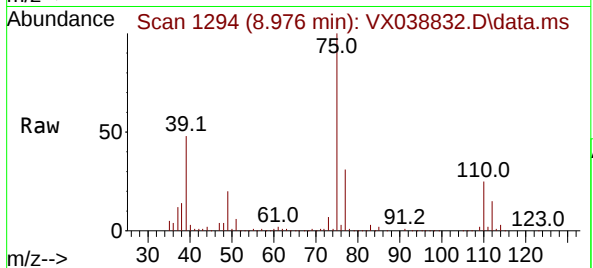
VSTDIC020

Tgt Ion: 75 Resp: 87178

Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.804 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

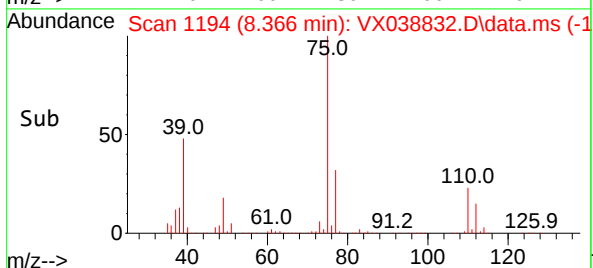
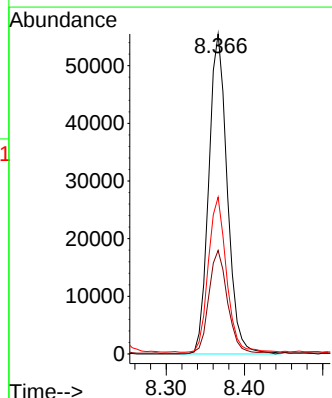
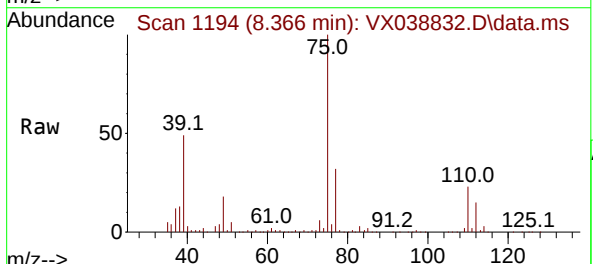
Tgt Ion: 75 Resp: 91001

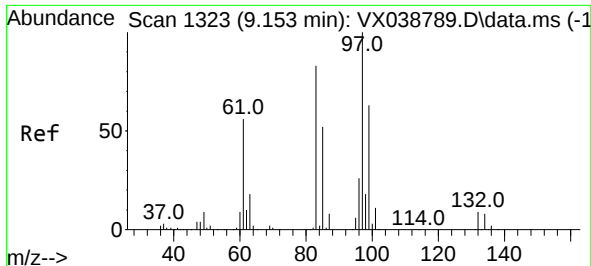
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 48.4 46.7 70.1



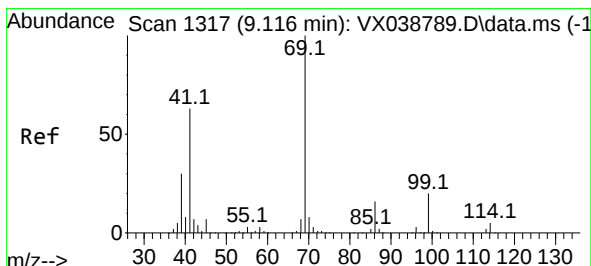
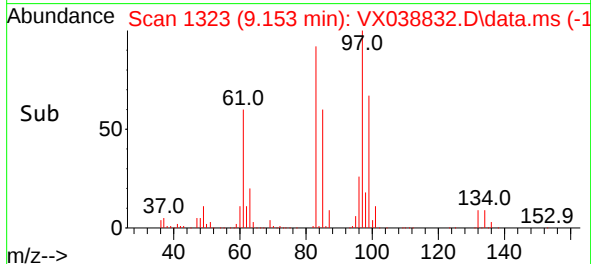
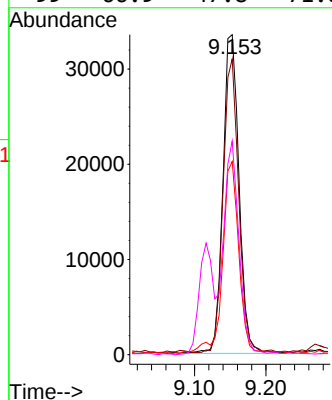
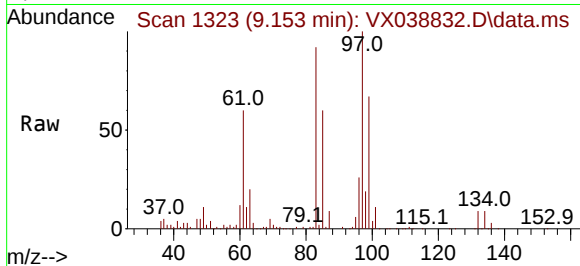


#55
1,1,2-Trichloroethane
Concen: 19.269 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 52437

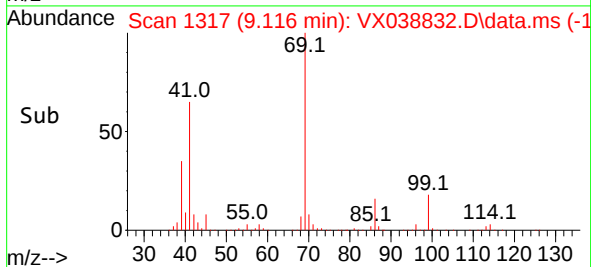
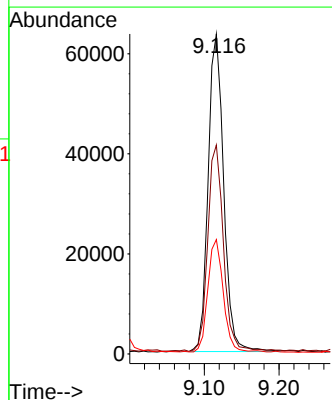
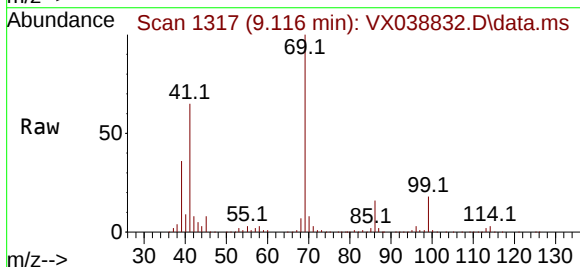
Ion	Ratio	Lower	Upper
97	100		
83	91.9	65.8	98.8
85	60.1	41.6	62.4
99	66.9	47.8	71.8

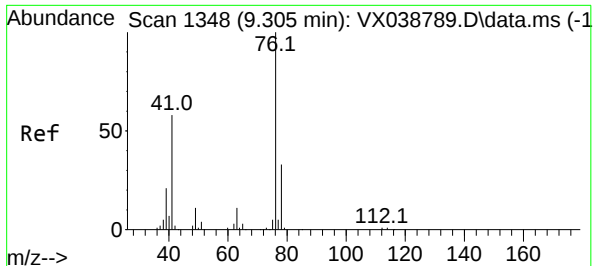


#56
Ethyl methacrylate
Concen: 19.937 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 69 Resp: 91794

Ion	Ratio	Lower	Upper
69	100		
41	64.8	56.8	85.2
39	35.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.621 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

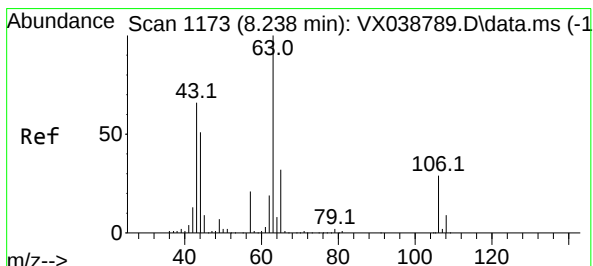
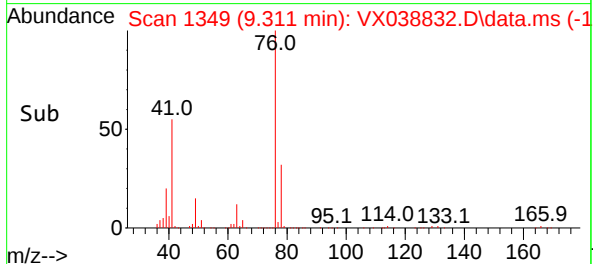
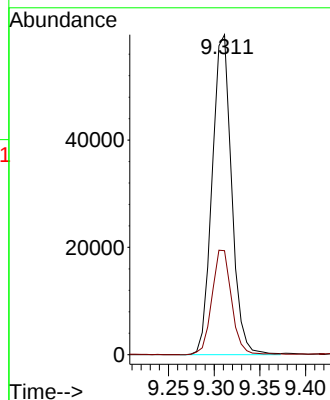
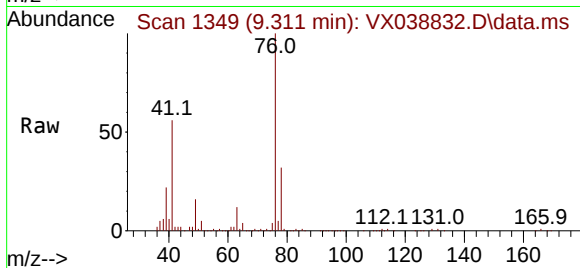
VSTDICC020

Tgt Ion: 76 Resp: 88306

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 105.014 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038832.D

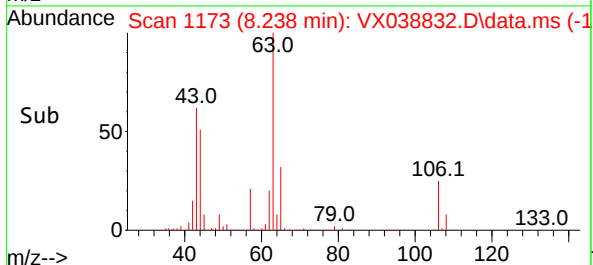
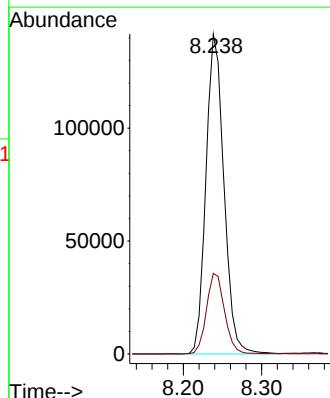
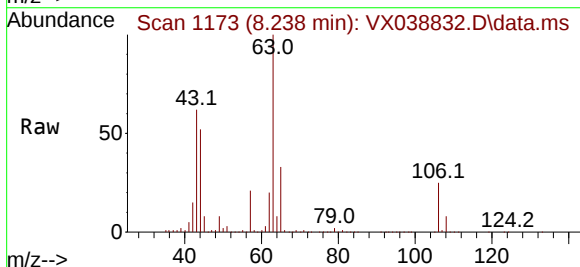
Acq: 16 Nov 2023 10:57

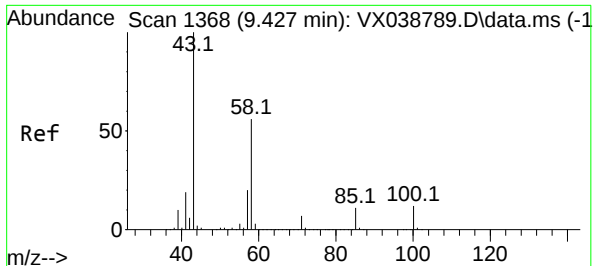
Tgt Ion: 63 Resp: 225241

Ion Ratio Lower Upper

63 100

106 25.5 22.5 33.7





#59

2-Hexanone

Concen: 100.533 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

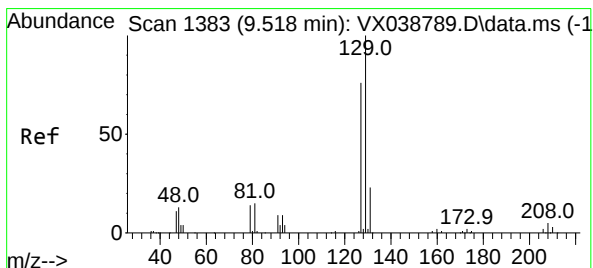
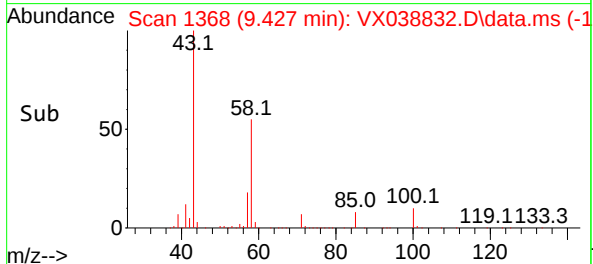
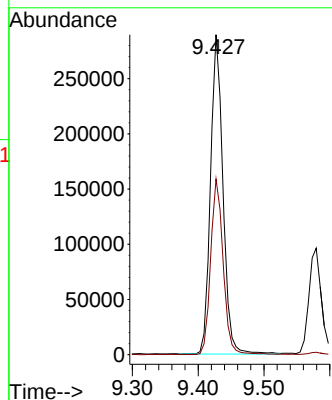
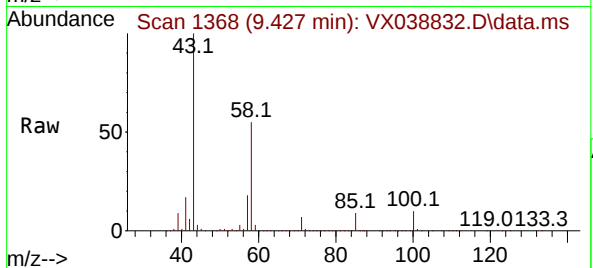
VSTDICC020

Tgt Ion: 43 Resp: 380989

Ion Ratio Lower Upper

43 100

58 55.4 26.2 78.5



#60

Dibromochloromethane

Concen: 19.595 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038832.D

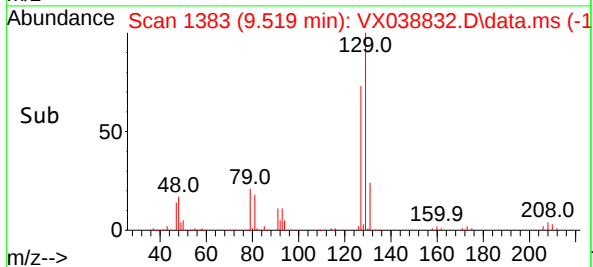
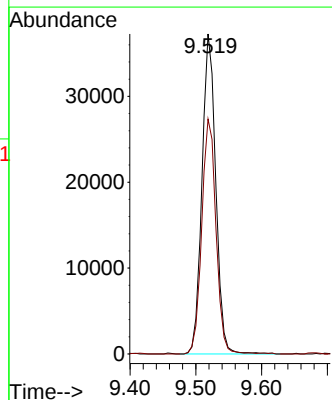
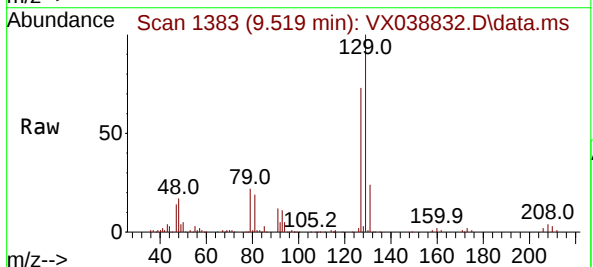
Acq: 16 Nov 2023 10:57

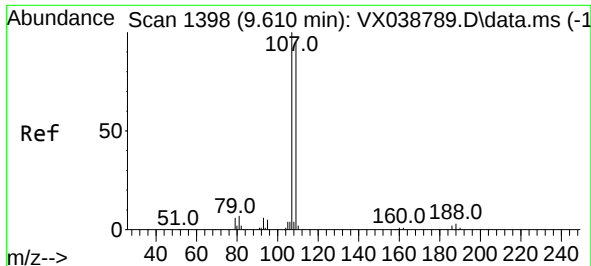
Tgt Ion: 129 Resp: 54219

Ion Ratio Lower Upper

129 100

127 75.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 20.024 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

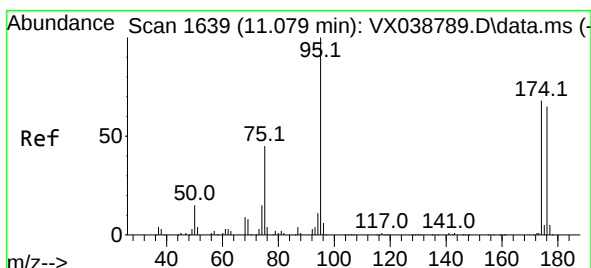
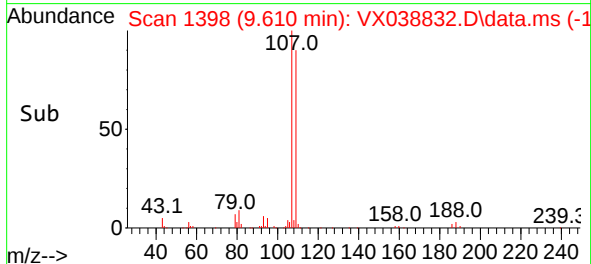
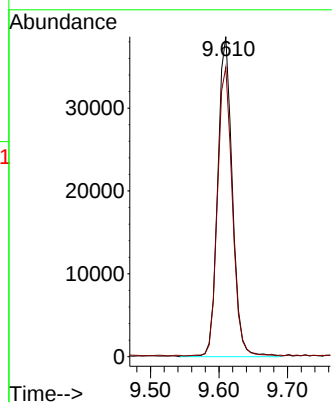
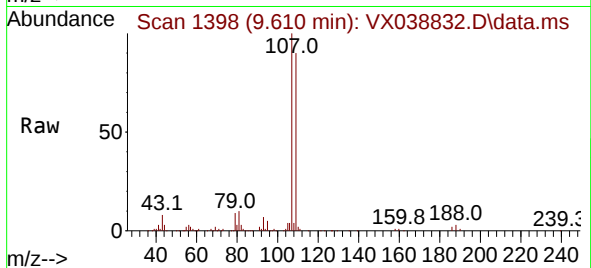
VSTDICC020

Tgt Ion:107 Resp: 57179

Ion Ratio Lower Upper

107 100

109 91.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 19.251 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

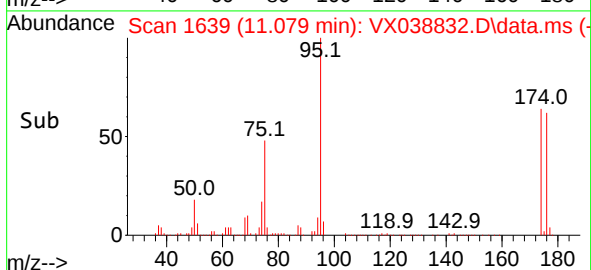
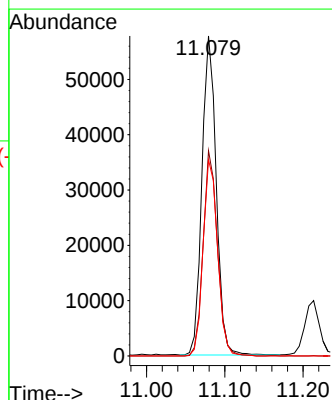
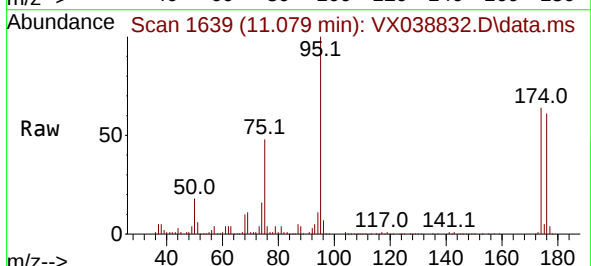
Tgt Ion: 95 Resp: 73101

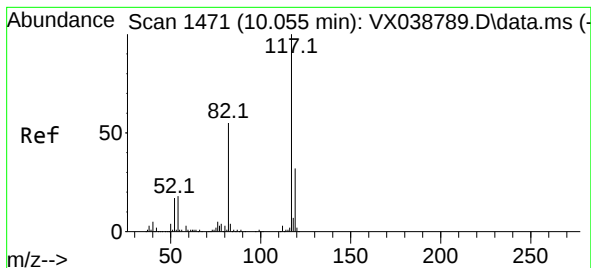
Ion Ratio Lower Upper

95 100

174 64.1 0.0 135.6

176 62.4 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: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

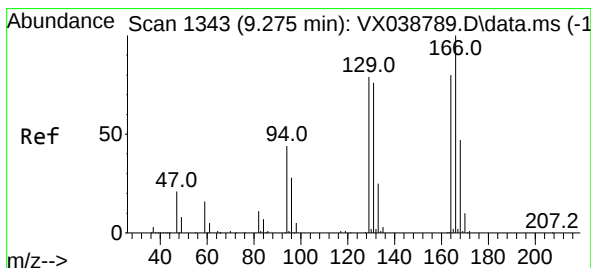
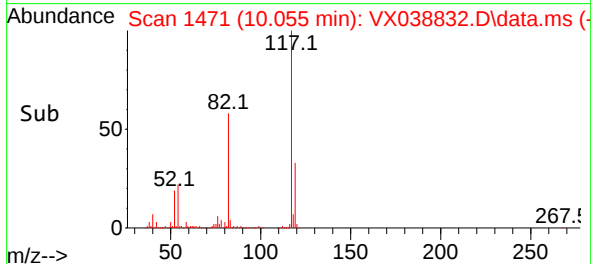
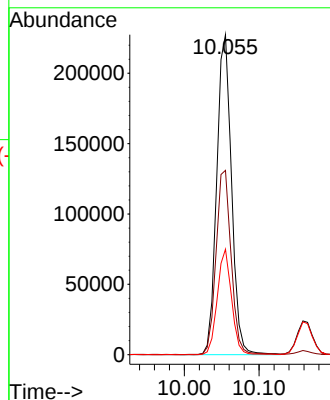
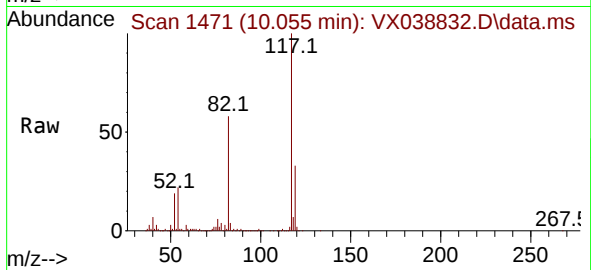
Tgt Ion:117 Resp: 312731

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

119 32.9 25.5 38.3



#64

Tetrachloroethene

Concen: 20.053 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Tgt Ion:164 Resp: 38981

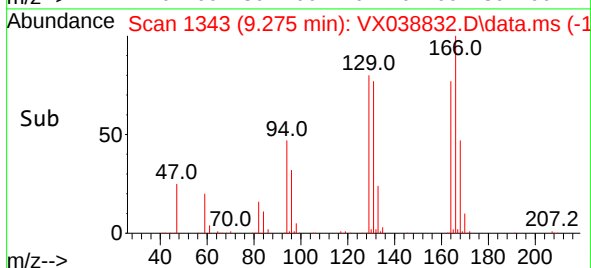
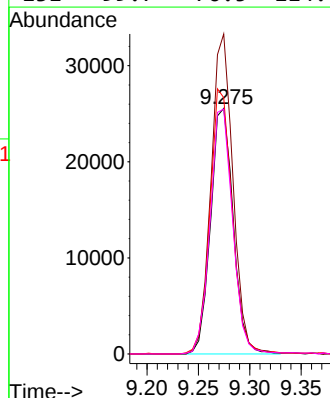
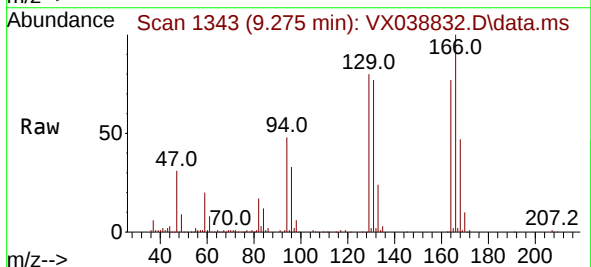
Ion Ratio Lower Upper

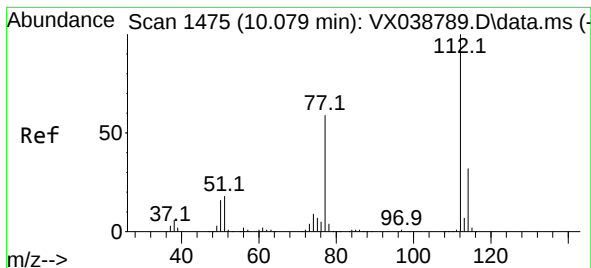
164 100

166 130.3 102.7 154.1

129 104.4 80.4 120.6

131 99.7 76.5 114.7

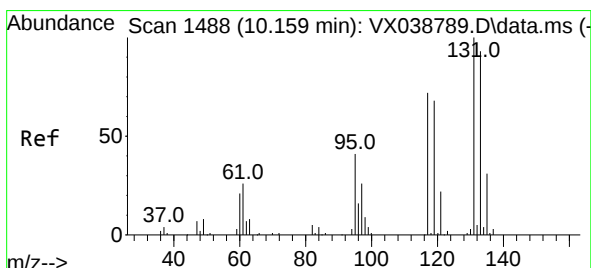
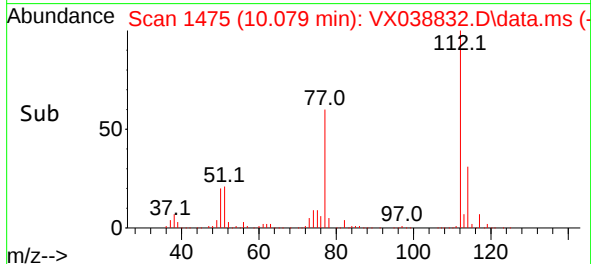
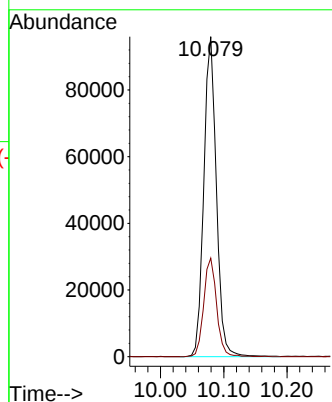
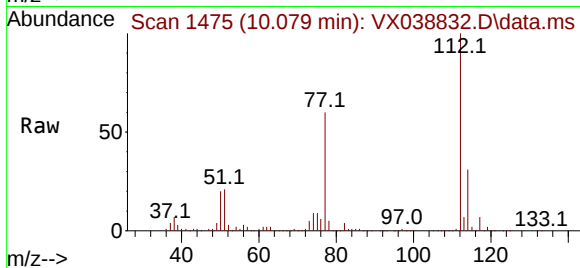




#65
Chlorobenzene
Concen: 19.732 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

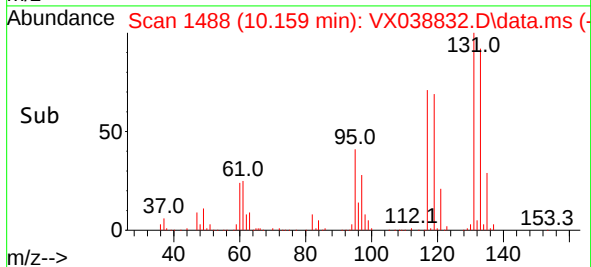
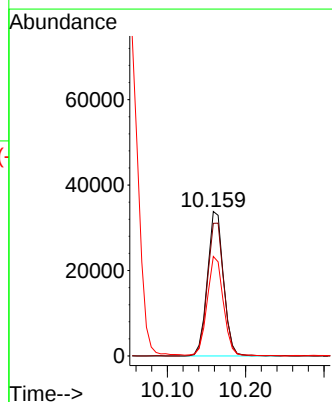
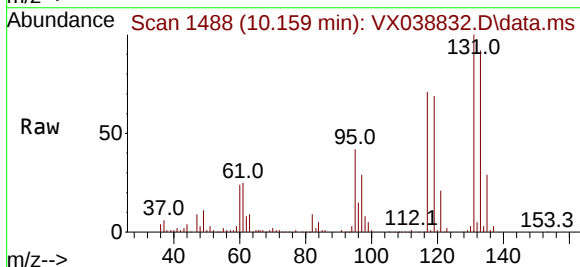
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

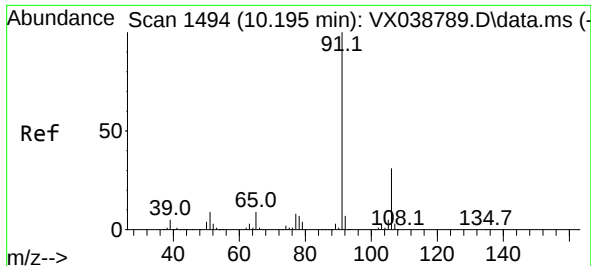
Tgt Ion:112 Resp: 132927
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.868 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion:131 Resp: 48145
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 69.9 32.2 96.6





#67

Ethyl Benzene

Concen: 20.039 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

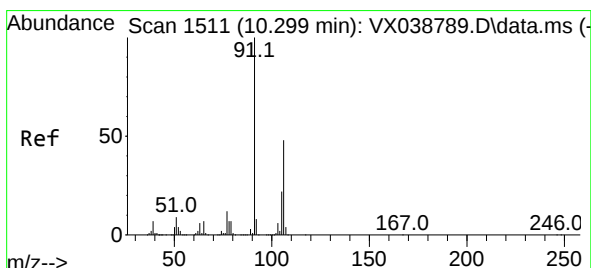
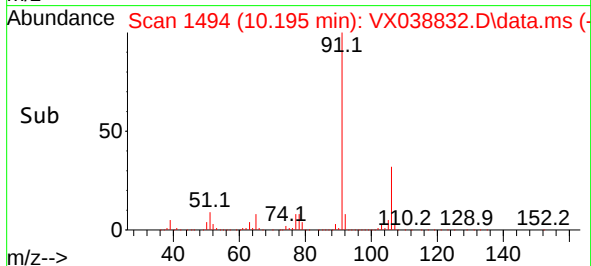
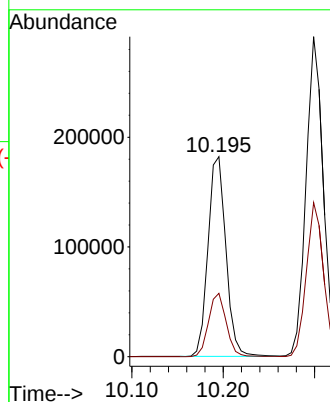
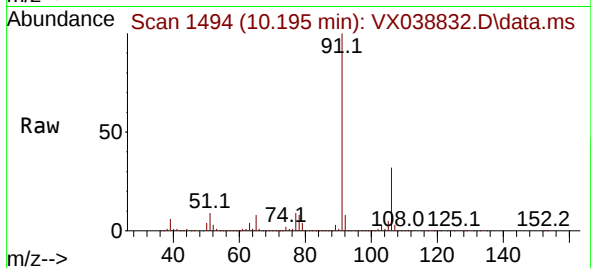
VSTDICC020

Tgt Ion: 91 Resp: 248015

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 39.750 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038832.D

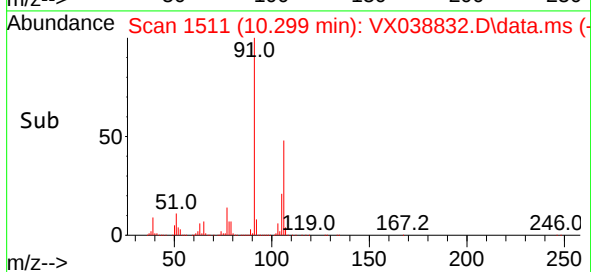
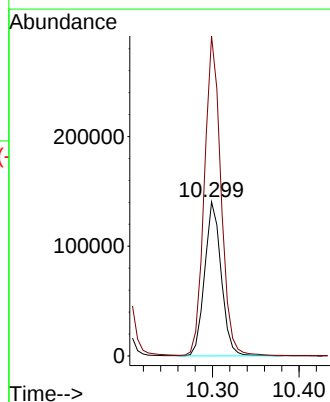
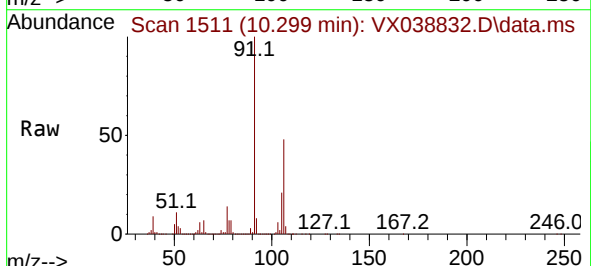
Acq: 16 Nov 2023 10:57

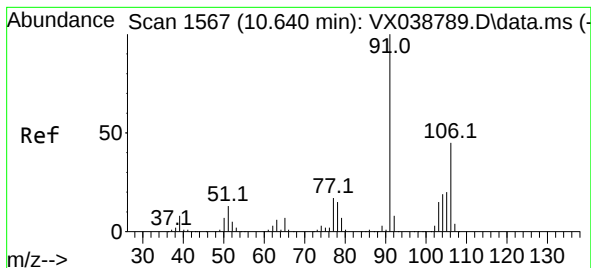
Tgt Ion: 106 Resp: 186102

Ion Ratio Lower Upper

106 100

91 207.8 165.5 248.3





#69

o-Xylene

Concen: 20.024 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

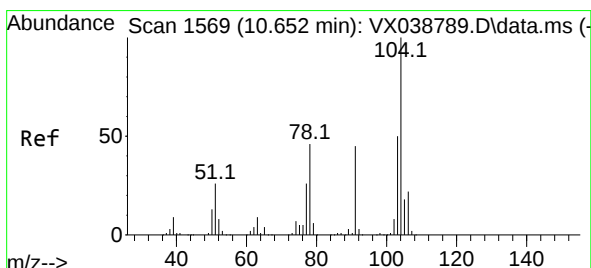
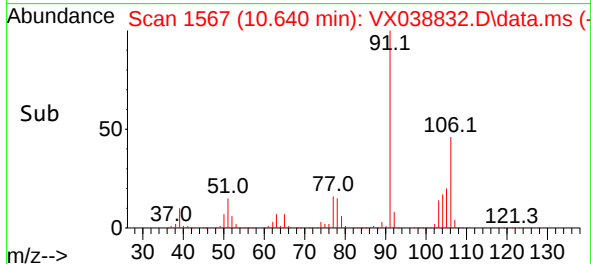
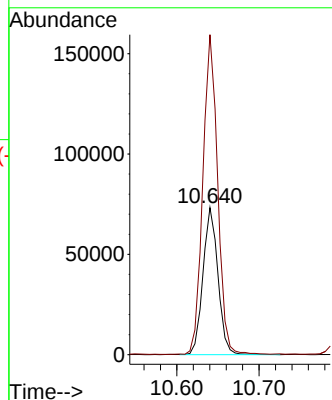
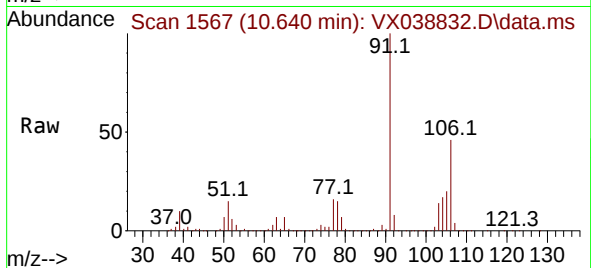
VSTDICC020

Tgt Ion:106 Resp: 92764

Ion Ratio Lower Upper

106 100

91 214.9 108.9 326.8



#70

Styrene

Concen: 19.716 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

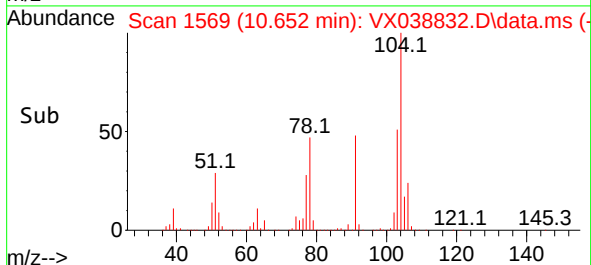
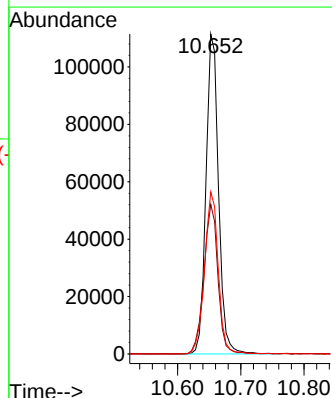
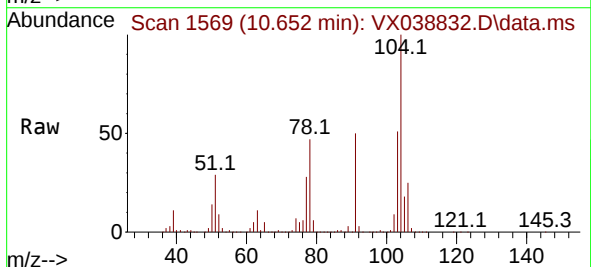
Tgt Ion:104 Resp: 154257

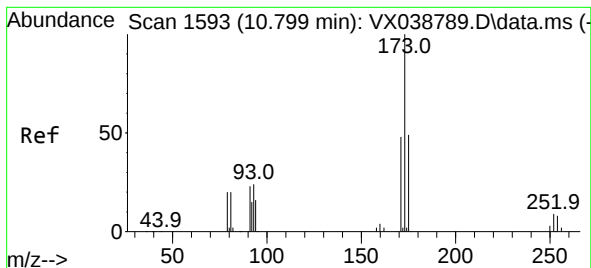
Ion Ratio Lower Upper

104 100

78 51.9 43.6 65.4

103 55.4 43.6 65.4





#71

Bromoform

Concen: 19.319 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

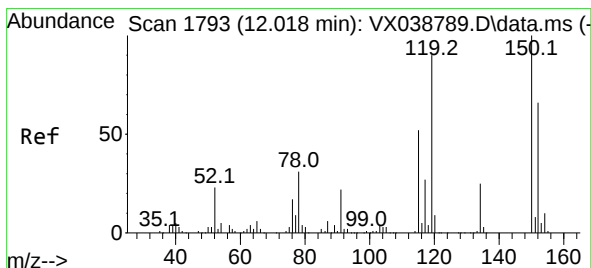
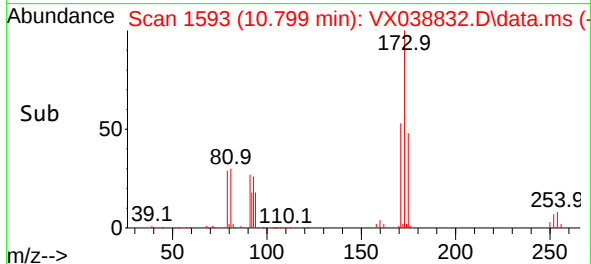
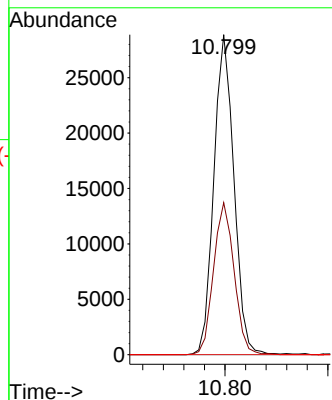
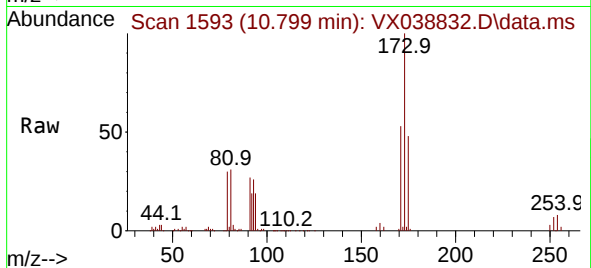
Tgt Ion:173 Resp: 39026

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

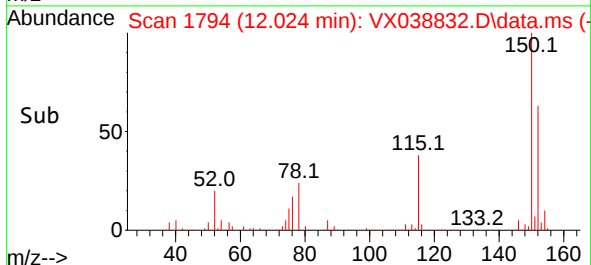
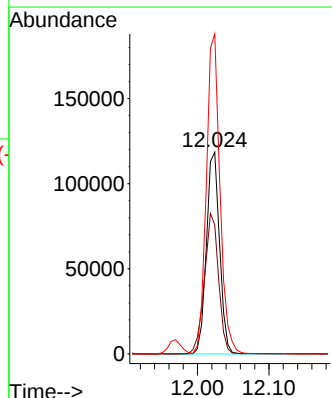
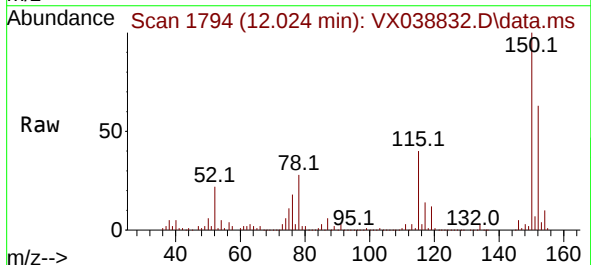
Tgt Ion:152 Resp: 151995

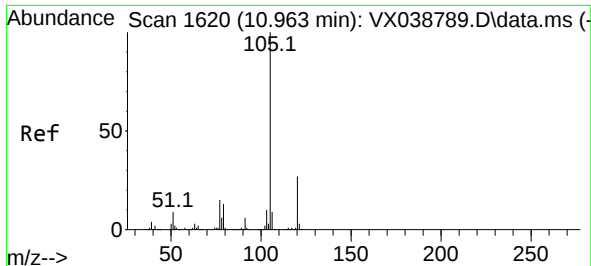
Ion Ratio Lower Upper

152 100

115 74.7 43.3 129.9

150 163.2 0.0 345.0

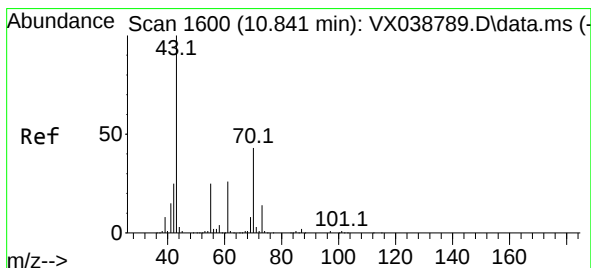
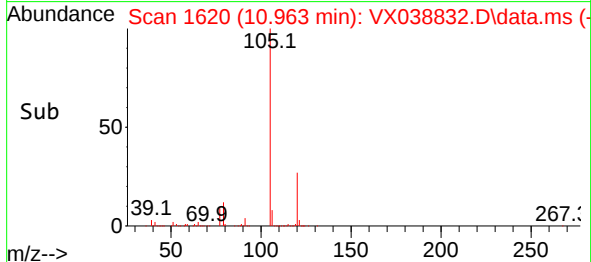
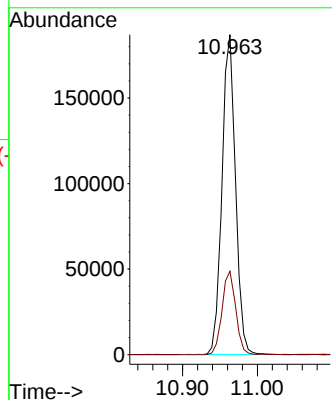
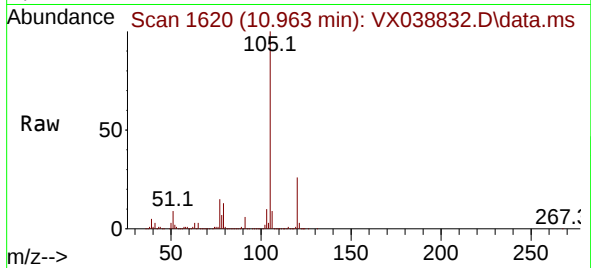




#73
Isopropylbenzene
Concen: 19.889 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

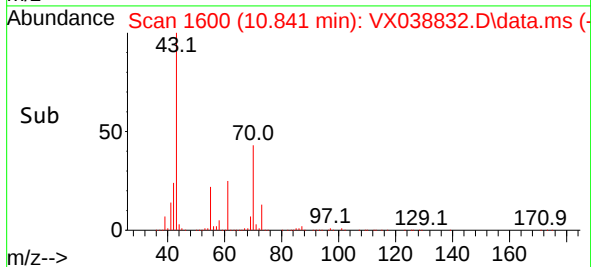
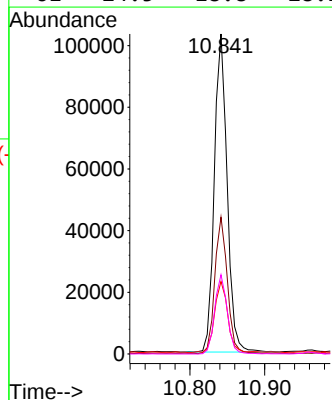
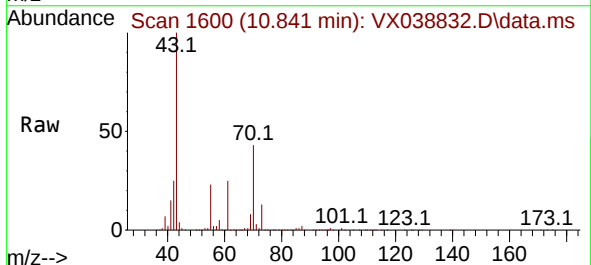
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

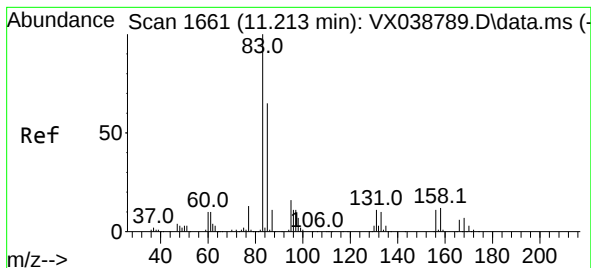
Tgt Ion:105 Resp: 235531
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6



#74
N-ethyl acetate
Concen: 19.561 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 43 Resp: 122454
Ion Ratio Lower Upper
43 100
70 42.1 32.9 49.3
55 22.8 19.3 28.9
61 24.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.512 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

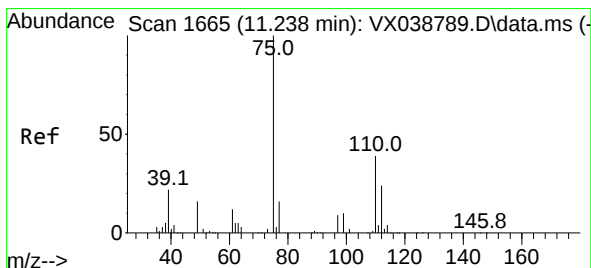
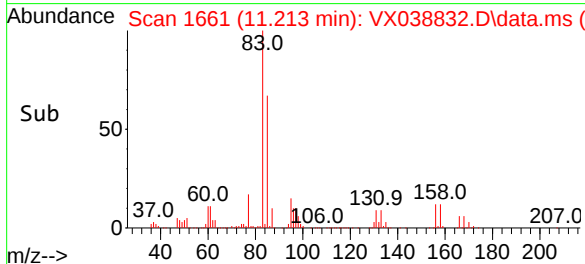
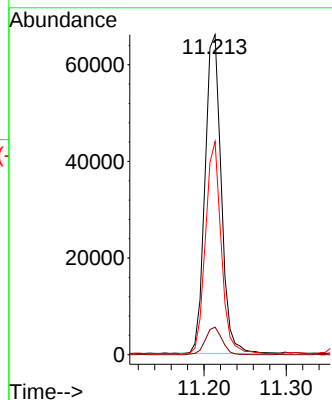
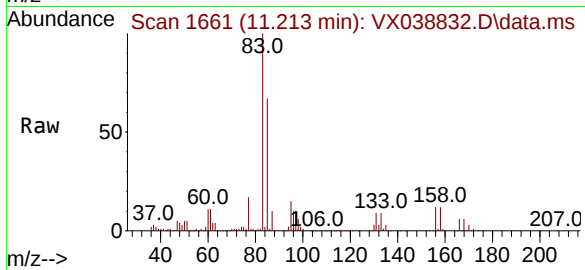
Tgt Ion: 83 Resp: 90202

Ion Ratio Lower Upper

83 100

131 8.9 5.3 15.8

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 28.913 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038832.D

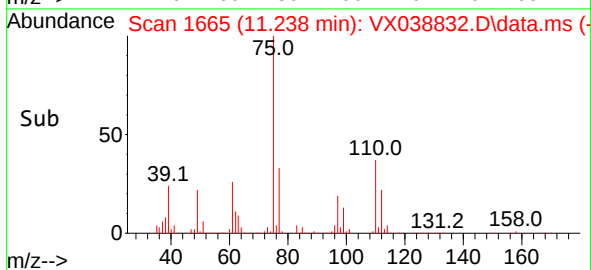
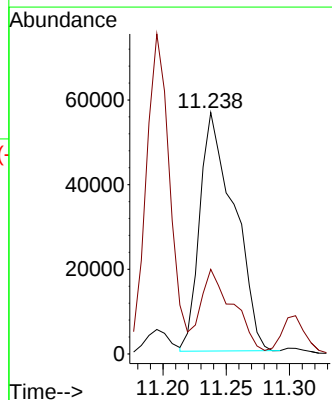
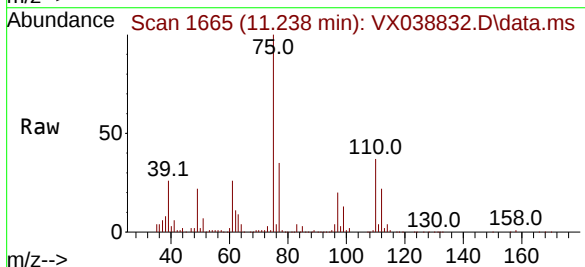
Acq: 16 Nov 2023 10:57

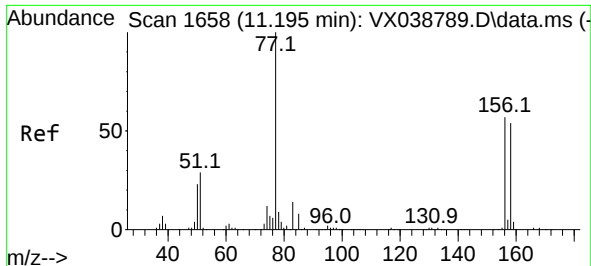
Tgt Ion: 75 Resp: 106792

Ion Ratio Lower Upper

75 100

77 33.3 19.1 57.5

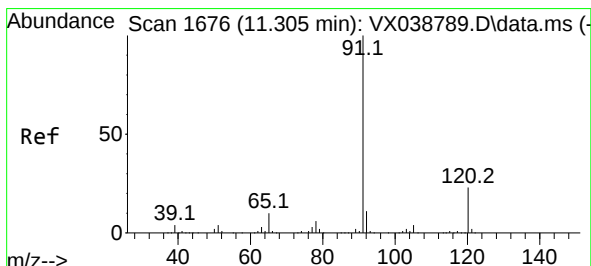
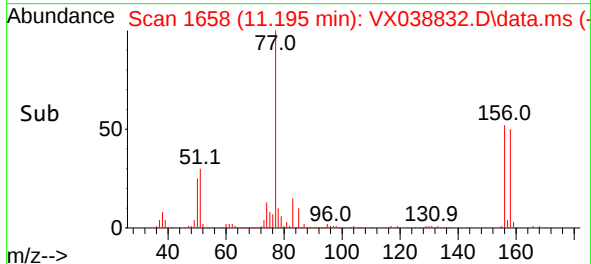
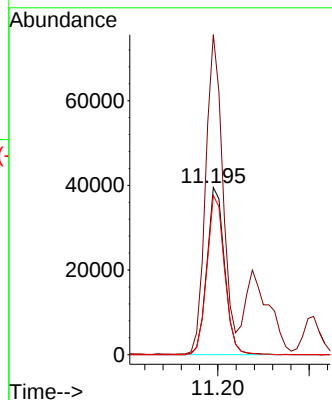
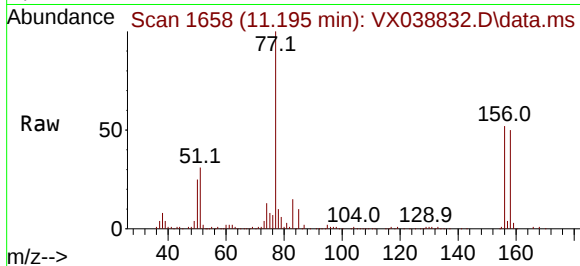




#77
Bromobenzene
Concen: 19.853 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

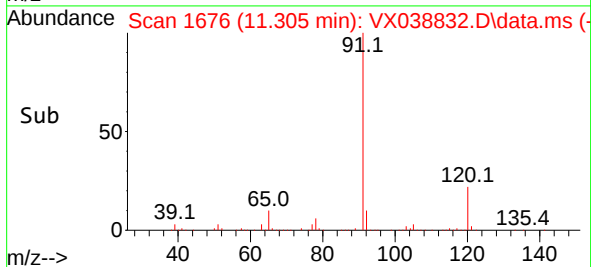
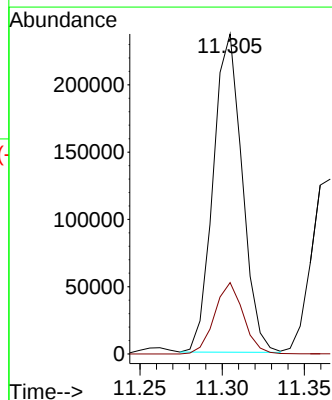
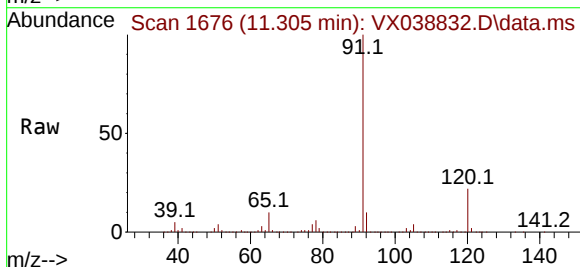
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

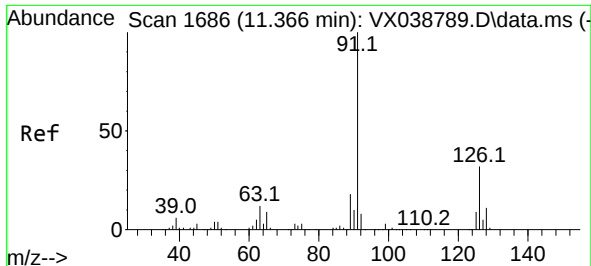
Tgt Ion:156 Resp: 52829
Ion Ratio Lower Upper
156 100
77 185.2 88.4 265.3
158 95.6 48.0 144.0



#78
n-propylbenzene
Concen: 19.904 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 91 Resp: 290137
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4

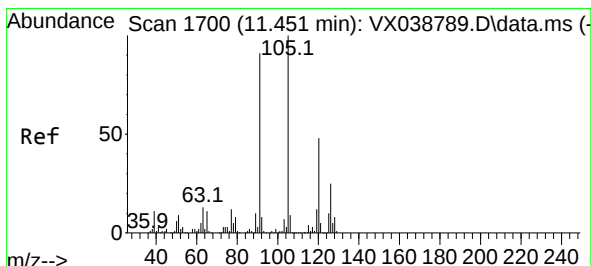
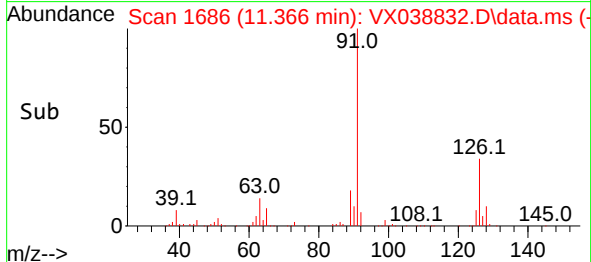
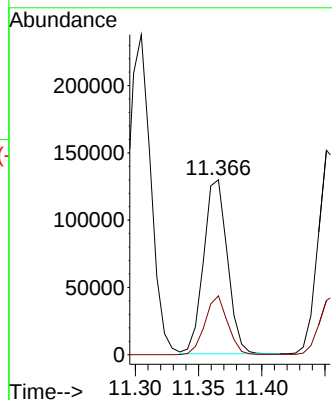
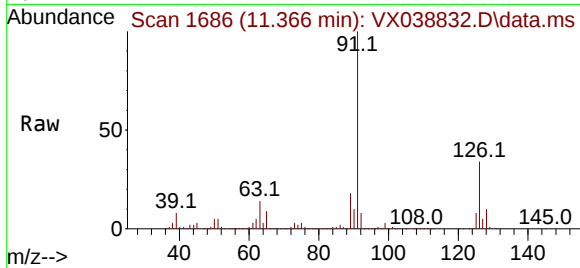




#79
2-Chlorotoluene
Concen: 19.608 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

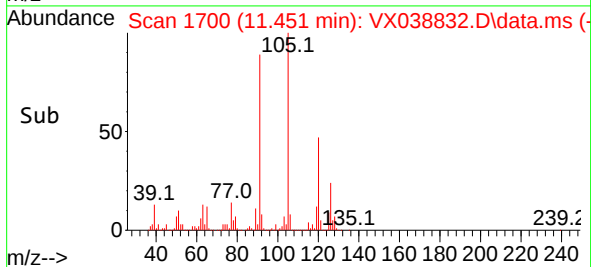
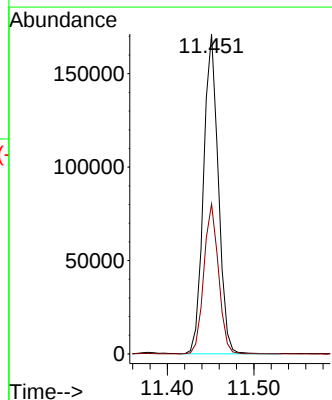
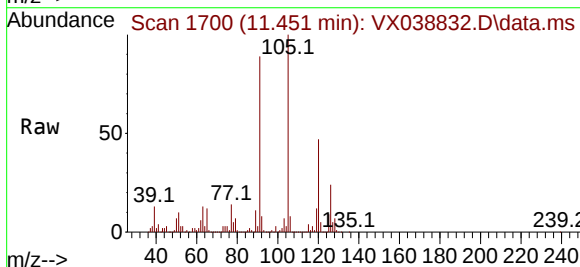
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

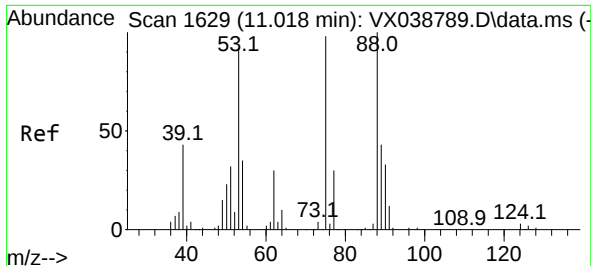
Tgt Ion: 91 Resp: 169624
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.297 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 105 Resp: 202106
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3

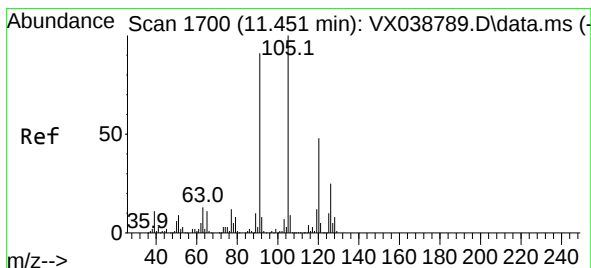
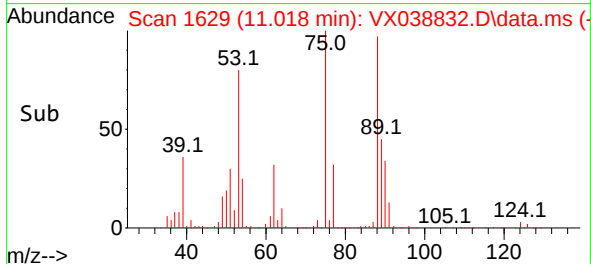
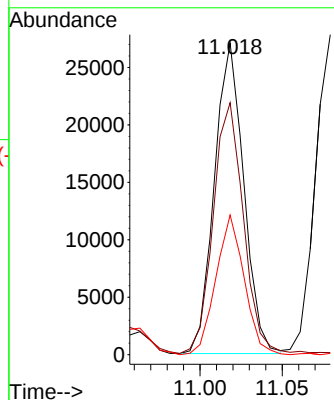
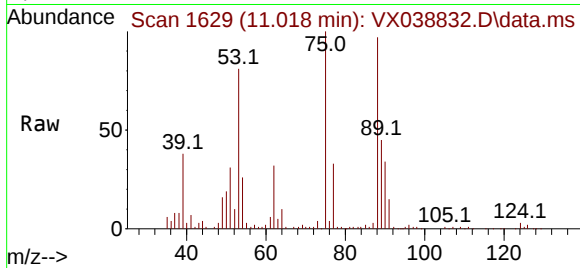




#81
trans-1,4-Dichloro-2-butene
Concen: 19.595 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

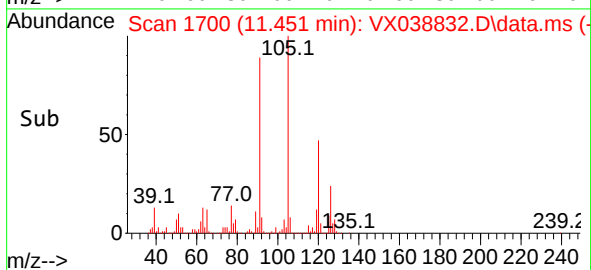
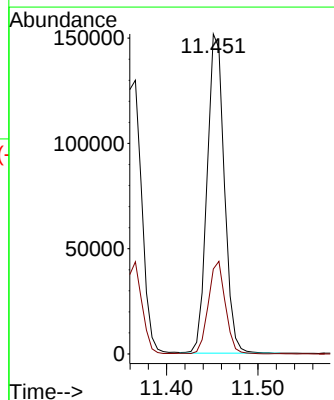
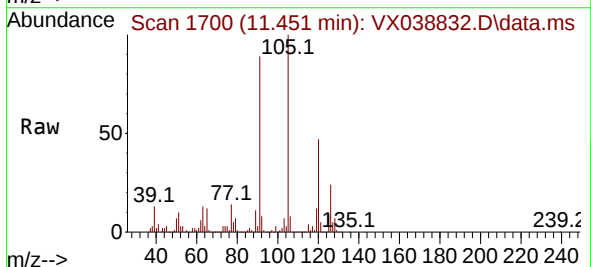
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

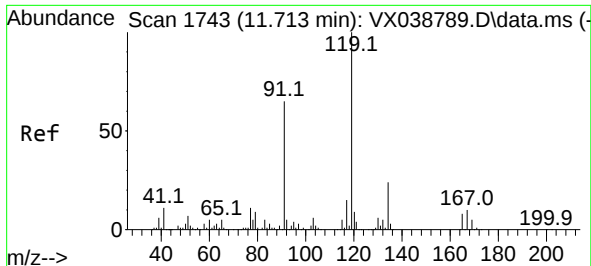
Tgt Ion: 75 Resp: 33502
Ion Ratio Lower Upper
75 100
53 83.1 90.5 135.7#
89 43.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 19.807 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 91 Resp: 197573
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6

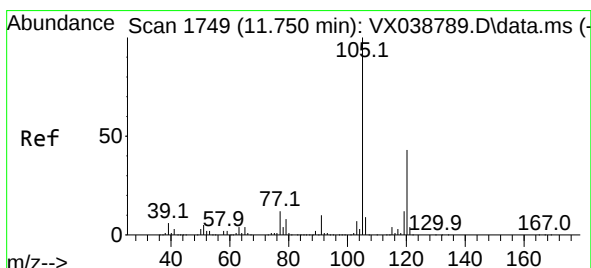
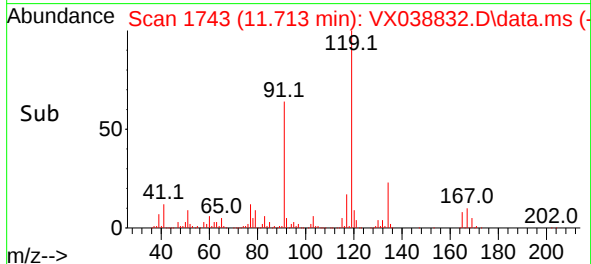
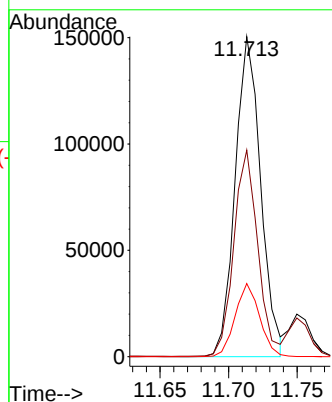
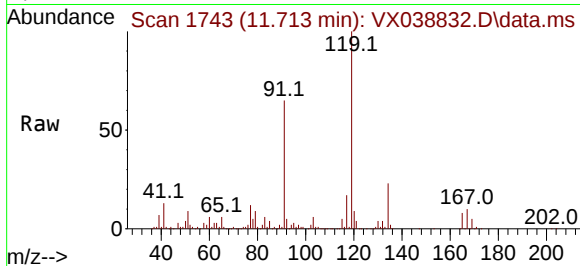




#83
tert-Butylbenzene
Concen: 19.925 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

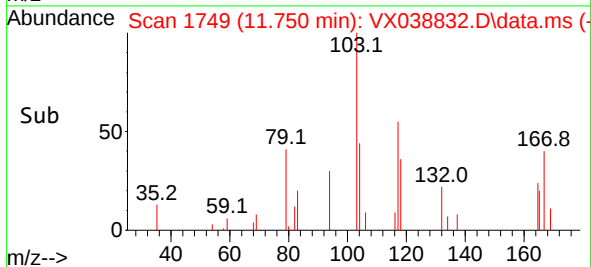
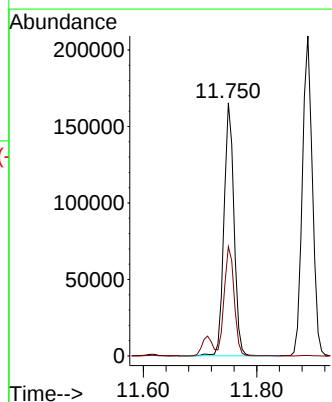
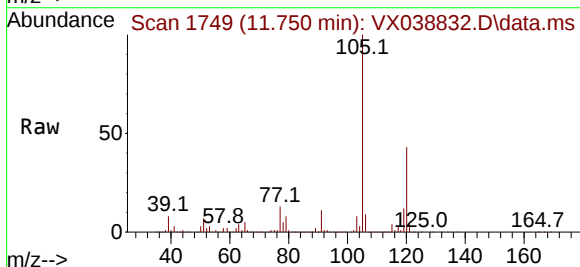
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

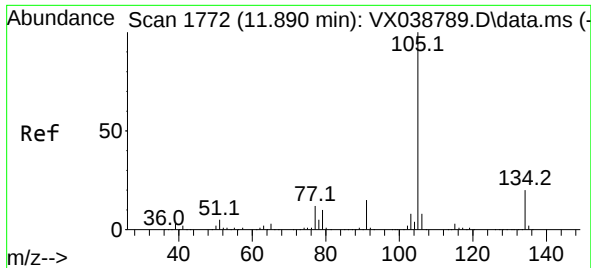
Tgt Ion:119 Resp: 195401
Ion Ratio Lower Upper
119 100
91 60.6 31.2 93.6
134 21.9 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 20.072 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion:105 Resp: 202299
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6

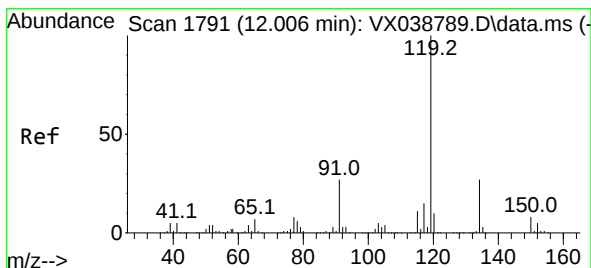
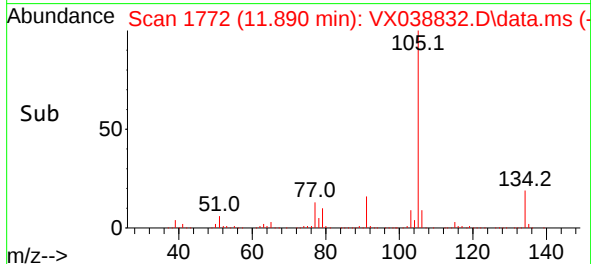
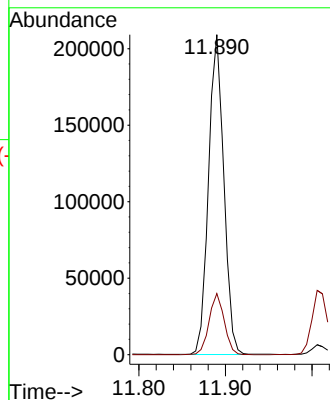
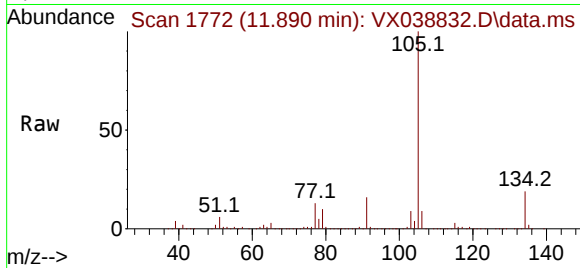




#85
 sec-Butylbenzene
 Concen: 19.942 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038832.D
 Acq: 16 Nov 2023 10:57

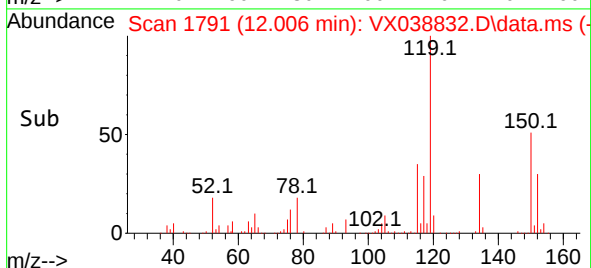
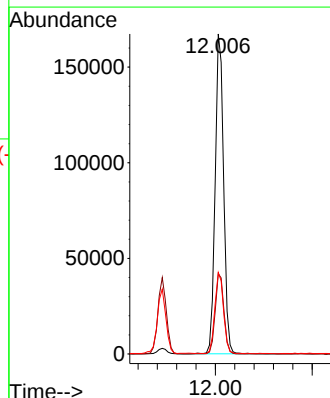
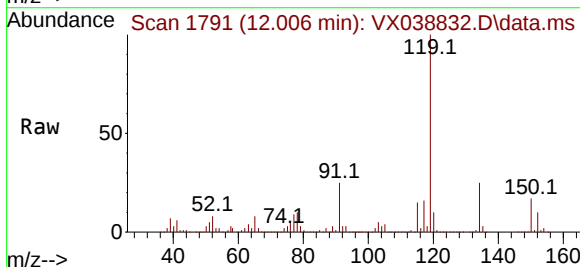
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

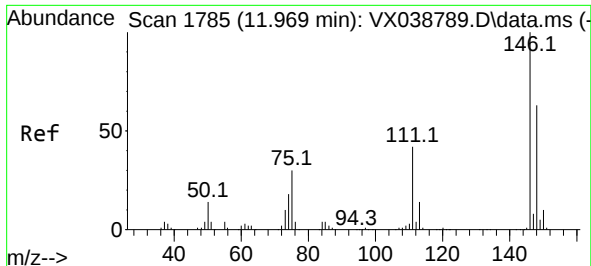
Tgt Ion:105 Resp: 255808
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.631 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038832.D
 Acq: 16 Nov 2023 10:57

Tgt Ion:119 Resp: 202151
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 26.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.118 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

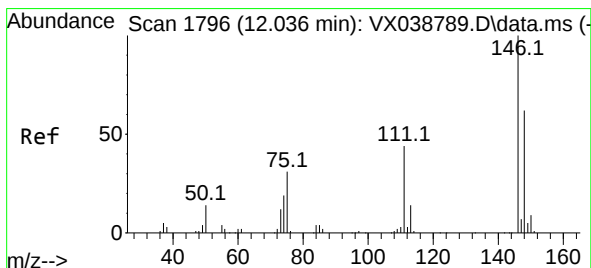
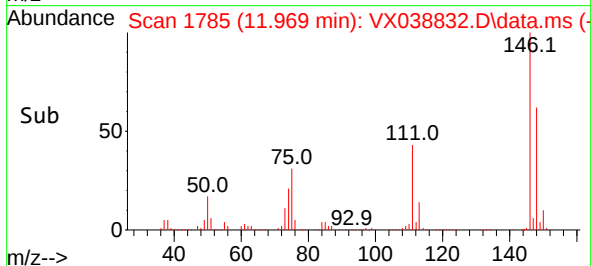
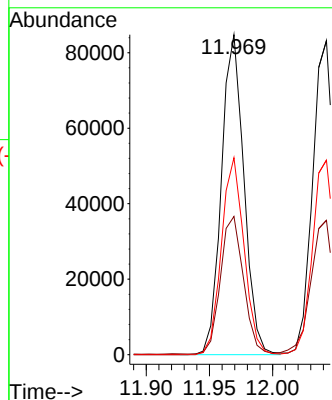
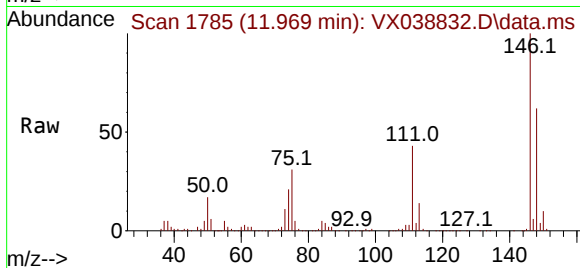
Tgt Ion:146 Resp: 104833

Ion Ratio Lower Upper

146 100

111 43.8 22.1 66.1

148 61.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.366 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

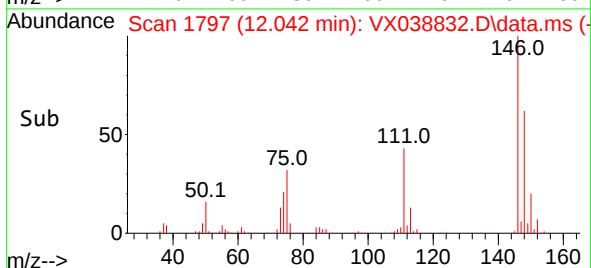
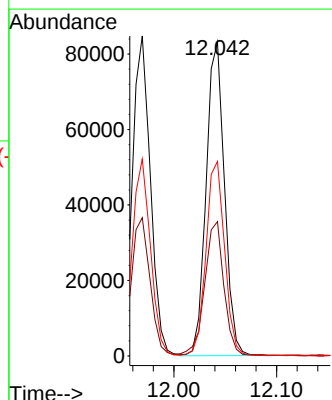
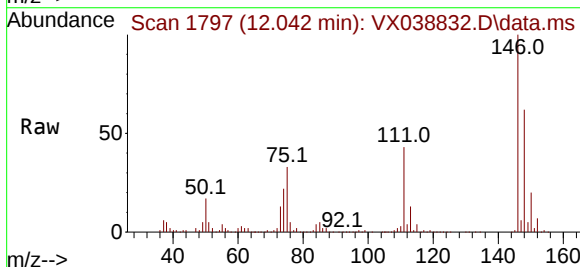
Tgt Ion:146 Resp: 103286

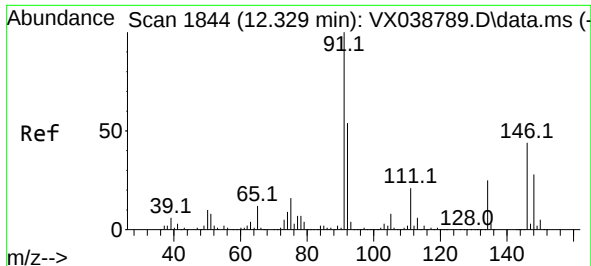
Ion Ratio Lower Upper

146 100

111 44.5 21.3 63.7

148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 19.373 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

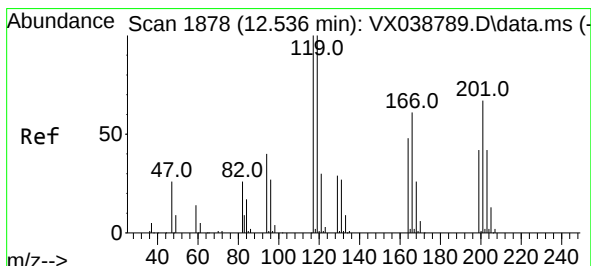
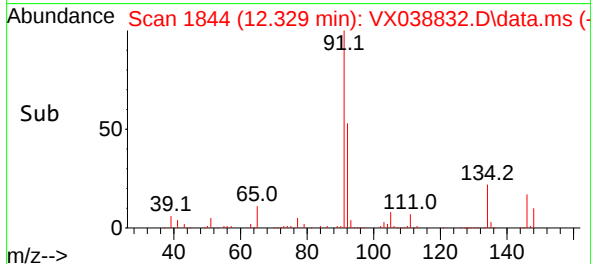
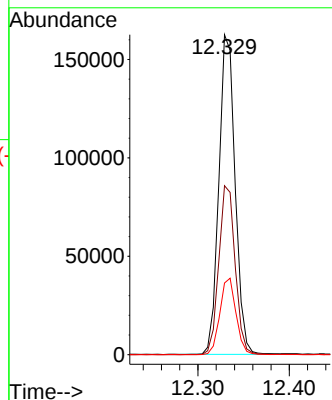
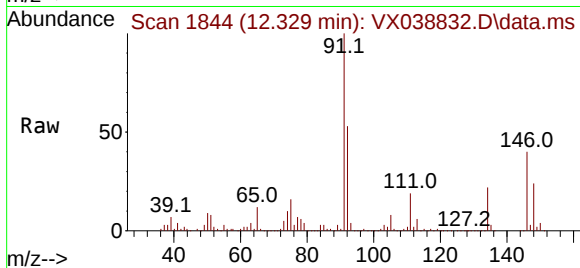
Tgt Ion: 91 Resp: 201271

Ion Ratio Lower Upper

91 100

92 53.5 27.4 82.0

134 23.8 12.6 37.8



#90

Hexachloroethane

Concen: 20.170 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038832.D

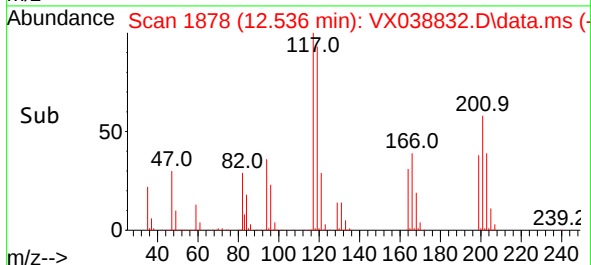
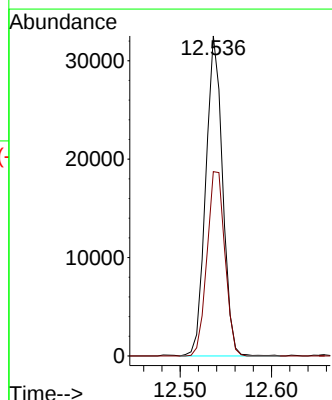
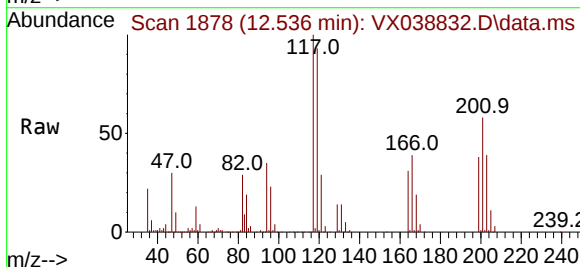
Acq: 16 Nov 2023 10:57

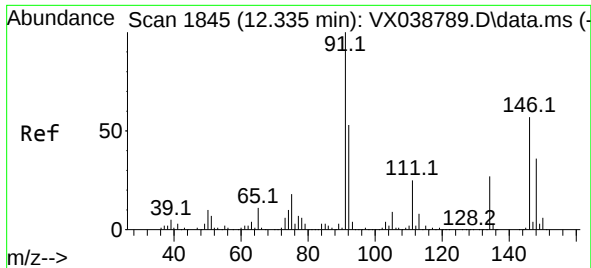
Tgt Ion: 117 Resp: 41476

Ion Ratio Lower Upper

117 100

201 61.1 32.9 98.6

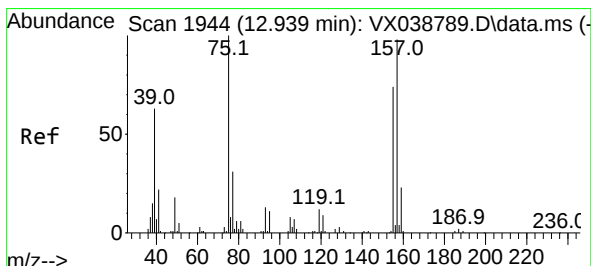
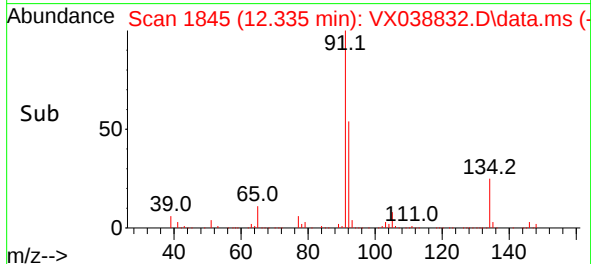
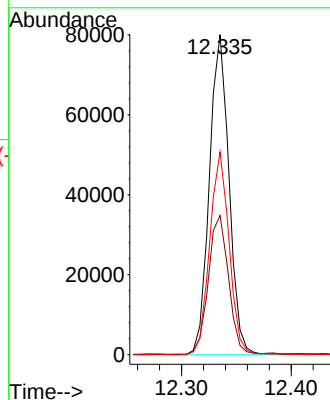
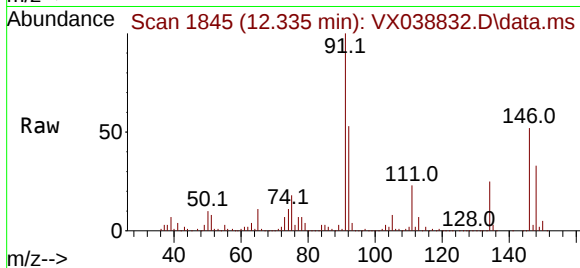




#91
1,2-Dichlorobenzene
Concen: 20.102 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

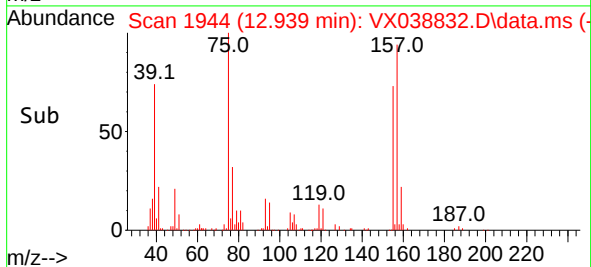
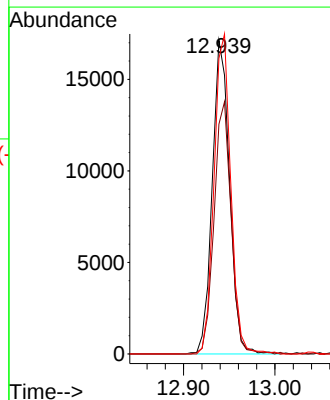
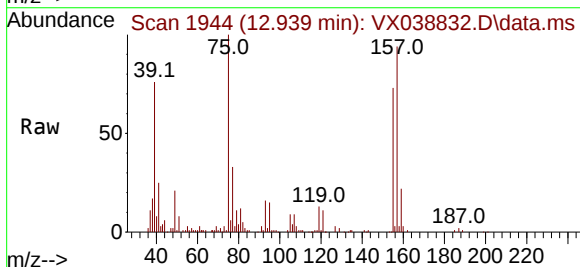
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

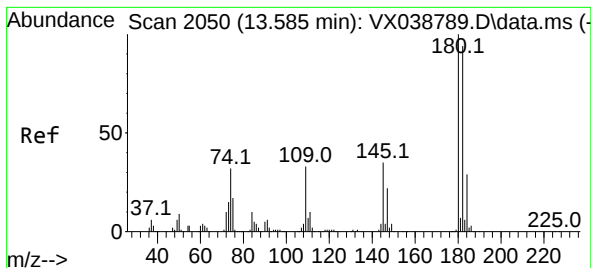
Tgt Ion:146 Resp: 99353
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 62.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.876 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038832.D
Acq: 16 Nov 2023 10:57

Tgt Ion: 75 Resp: 22512
Ion Ratio Lower Upper
75 100
155 79.2 36.1 108.5
157 98.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.249 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

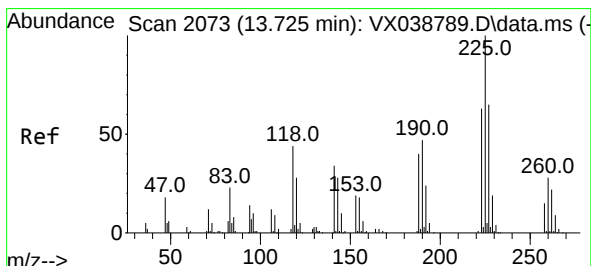
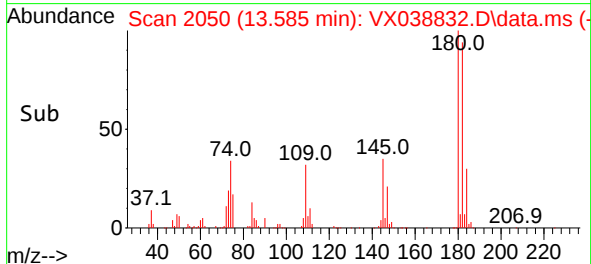
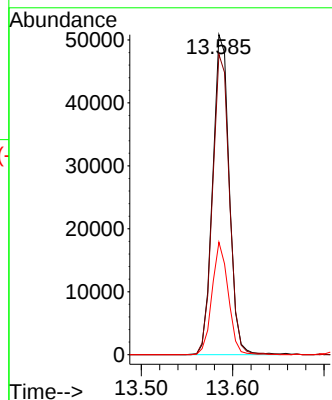
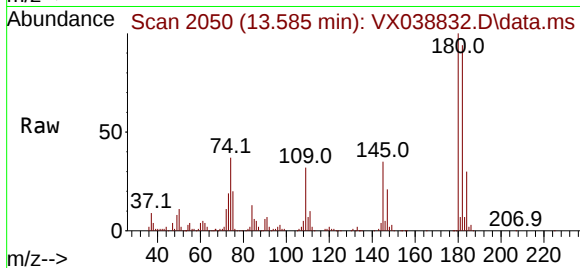
Tgt Ion:180 Resp: 63752

Ion Ratio Lower Upper

180 100

182 95.3 48.3 144.8

145 34.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 18.968 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

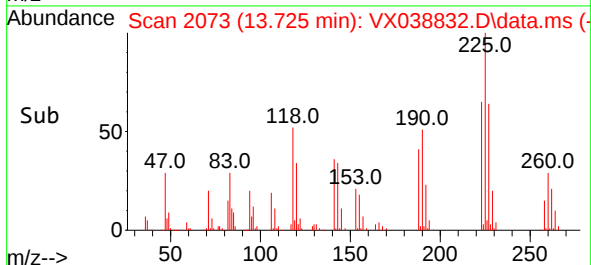
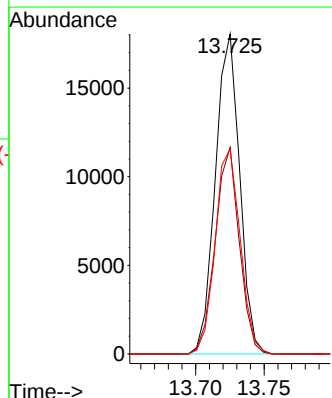
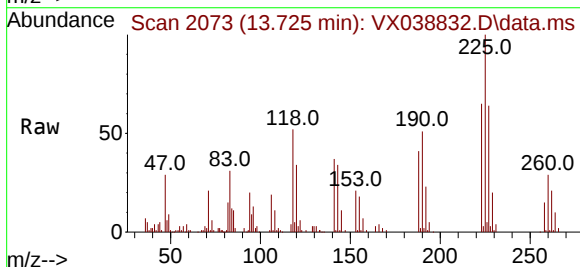
Tgt Ion:225 Resp: 22247

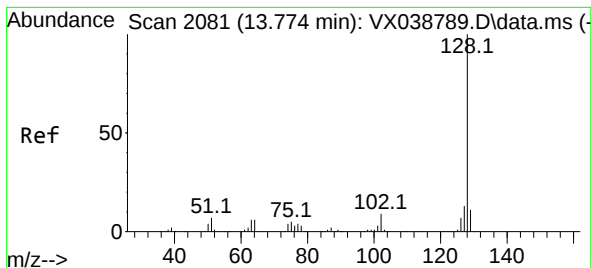
Ion Ratio Lower Upper

225 100

223 63.9 31.1 93.2

227 66.0 32.5 97.5





#95

Naphthalene

Concen: 19.915 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

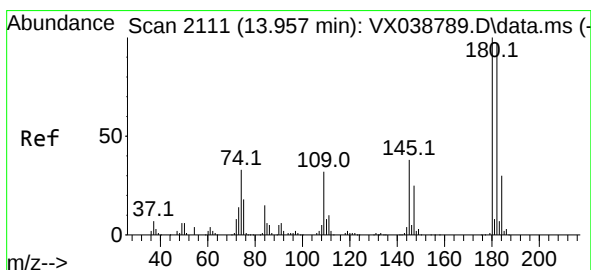
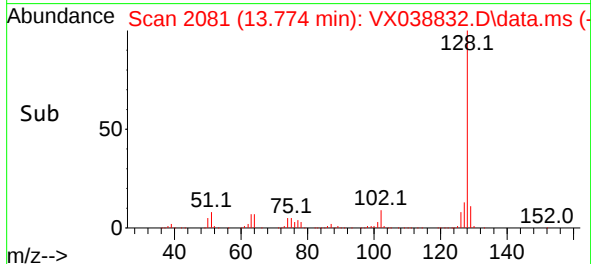
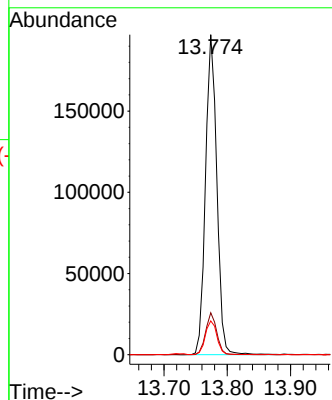
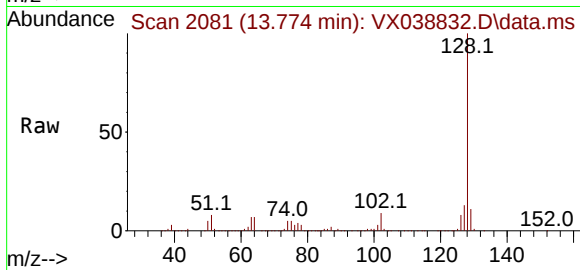
Tgt Ion:128 Resp: 245646

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.877 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Tgt Ion:180 Resp: 62406

Ion Ratio Lower Upper

180 100

182 94.1 46.9 140.6

145 36.4 17.8 53.5

