

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\Not Reviewed Data\
 Data File : VX032198.D
 Acq On : 19 Oct 2022 11:22
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 20 14:26:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 14:26:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	127063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8492	5.137	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.280%#
35) Dibromofluoromethane	5.385	113	7155	5.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.420%#
50) Toluene-d8	8.653	98	24846	5.024	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.040%#
62) 4-Bromofluorobenzene	11.079	95	7911	4.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8.740%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5805	4.994	ug/l	97
3) Chloromethane	1.294	50	5934	4.844	ug/l	96
4) Vinyl Chloride	1.374	62	6236	4.981	ug/l	93
5) Bromomethane	1.611	94	6966	5.314	ug/l	94
6) Chloroethane	1.685	64	6614	6.581	ug/l	99
7) Trichlorofluoromethane	1.886	101	11041	4.961	ug/l	97
8) Diethyl Ether	2.130	74	3579	4.732	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	6290	5.213	ug/l	96
10) Methyl Iodide	2.453	142	8020	4.599	ug/l	99
11) Tert butyl alcohol	2.947	59	9946	37.214	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	5557	4.900	ug/l	96
13) Acrolein	2.239	56	5210	25.892	ug/l	99
14) Allyl chloride	2.666	41	8186	4.596	ug/l	100
15) Acrylonitrile	3.068	53	15126	24.399	ug/l	100
16) Acetone	2.386	43	13237	24.677	ug/l	98
17) Carbon Disulfide	2.514	76	11886	4.477	ug/l	98
18) Methyl Acetate	2.703	43	8294	4.554	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	18410	4.711	ug/l	93
20) Methylene Chloride	2.788	84	6891	5.003	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	6305	5.104	ug/l	94
22) Diisopropyl ether	3.757	45	18465	4.734	ug/l #	85
23) Vinyl Acetate	3.721	43	70875	22.734	ug/l	99
24) 1,1-Dichloroethane	3.605	63	11028	4.893	ug/l	98
25) 2-Butanone	4.568	43	20573	24.565	ug/l	97
26) 2,2-Dichloropropane	4.471	77	7083	4.362	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	7257	5.018	ug/l	98
28) Bromochloromethane	4.897	49	4995	5.372	ug/l #	93
29) Tetrahydrofuran	5.013	42	13273	24.538	ug/l	97
30) Chloroform	5.099	83	11927	4.862	ug/l	99
31) Cyclohexane	5.470	56	9396	4.972	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	9916	4.740	ug/l	98
36) 1,1-Dichloropropene	5.696	75	8419	4.764	ug/l	99
37) Ethyl Acetate	4.715	43	7982	4.613	ug/l	100
38) Carbon Tetrachloride	5.678	117	8471	4.540	ug/l #	96
39) Methylcyclohexane	7.385	83	10497	4.972	ug/l	95
40) Benzene	6.037	78	25472	4.973	ug/l	99

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 ClientSampleId :
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Quant Time: Oct 20 14:26:58 2022
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 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 14:26:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	4179	4.580	ug/l	97
42) 1,2-Dichloroethane	6.086	62	9568	4.877	ug/l	99
43) Isopropyl Acetate	6.348	43	12521	4.610	ug/l	98
44) Trichloroethene	7.123	130	6800	4.821	ug/l	92
45) 1,2-Dichloropropane	7.434	63	6091	4.714	ug/l	93
46) Dibromomethane	7.586	93	4487	4.656	ug/l	95
47) Bromodichloromethane	7.824	83	8227	4.621	ug/l	96
48) Methyl methacrylate	7.696	41	6220	4.592	ug/l	97
49) 1,4-Dioxane	7.702	88	2870	105.579	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	40847	23.993	ug/l	100
52) Toluene	8.720	92	16117	4.857	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	7308	4.101	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	8585	4.328	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	6421	4.763	ug/l	98
56) Ethyl methacrylate	9.116	69	8414	4.334	ug/l	98
57) 1,3-Dichloropropane	9.311	76	10576	4.844	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	22908	25.744	ug/l	98
59) 2-Hexanone	9.433	43	29648	23.339	ug/l	99
60) Dibromochloromethane	9.525	129	6055	4.383	ug/l	97
61) 1,2-Dibromoethane	9.610	107	6550	4.584	ug/l	99
64) Tetrachloroethene	9.275	164	5962	5.205	ug/l	89
65) Chlorobenzene	10.079	112	17667	4.967	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	5924	4.655	ug/l	98
67) Ethyl Benzene	10.195	91	30037	4.770	ug/l	98
68) m/p-Xylenes	10.305	106	23418	9.417	ug/l	99
69) o-Xylene	10.640	106	11280	4.735	ug/l	99
70) Styrene	10.659	104	17964	4.472	ug/l	98
71) Bromoform	10.799	173	3964	4.112	ug/l #	96
73) Isopropylbenzene	10.963	105	30216	5.047	ug/l	100
74) N-amyl acetate	10.841	43	10317	4.664	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	9665	5.021	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	9353	5.625	ug/l	98
77) Bromobenzene	11.201	156	7568	5.157	ug/l	95
78) n-propylbenzene	11.305	91	33941	4.951	ug/l	98
79) 2-Chlorotoluene	11.366	91	20754	5.023	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	25288	4.890	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1889	3.864	ug/l	88
82) 4-Chlorotoluene	11.457	91	23117	4.805	ug/l	96
83) tert-Butylbenzene	11.713	119	25175	4.865	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	25642	5.100	ug/l	99
85) sec-Butylbenzene	11.890	105	31124	4.977	ug/l	98
86) p-Isopropyltoluene	12.012	119	26193	4.923	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	14071	4.981	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	14672	5.056	ug/l	97
89) n-Butylbenzene	12.335	91	21485	4.584	ug/l	100
90) Hexachloroethane	12.536	117	3696	4.476	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	14204	5.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1657	4.506	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	8800	4.875	ug/l	100
94) Hexachlorobutadiene	13.725	225	3953	5.045	ug/l	98
95) Naphthalene	13.780	128	28138	4.867	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8863	4.881	ug/l	99

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 20 14:26:58 2022
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Quant Title : SW846 8260
QLast Update : Thu Oct 20 14:26:01 2022
Response via : Initial Calibration

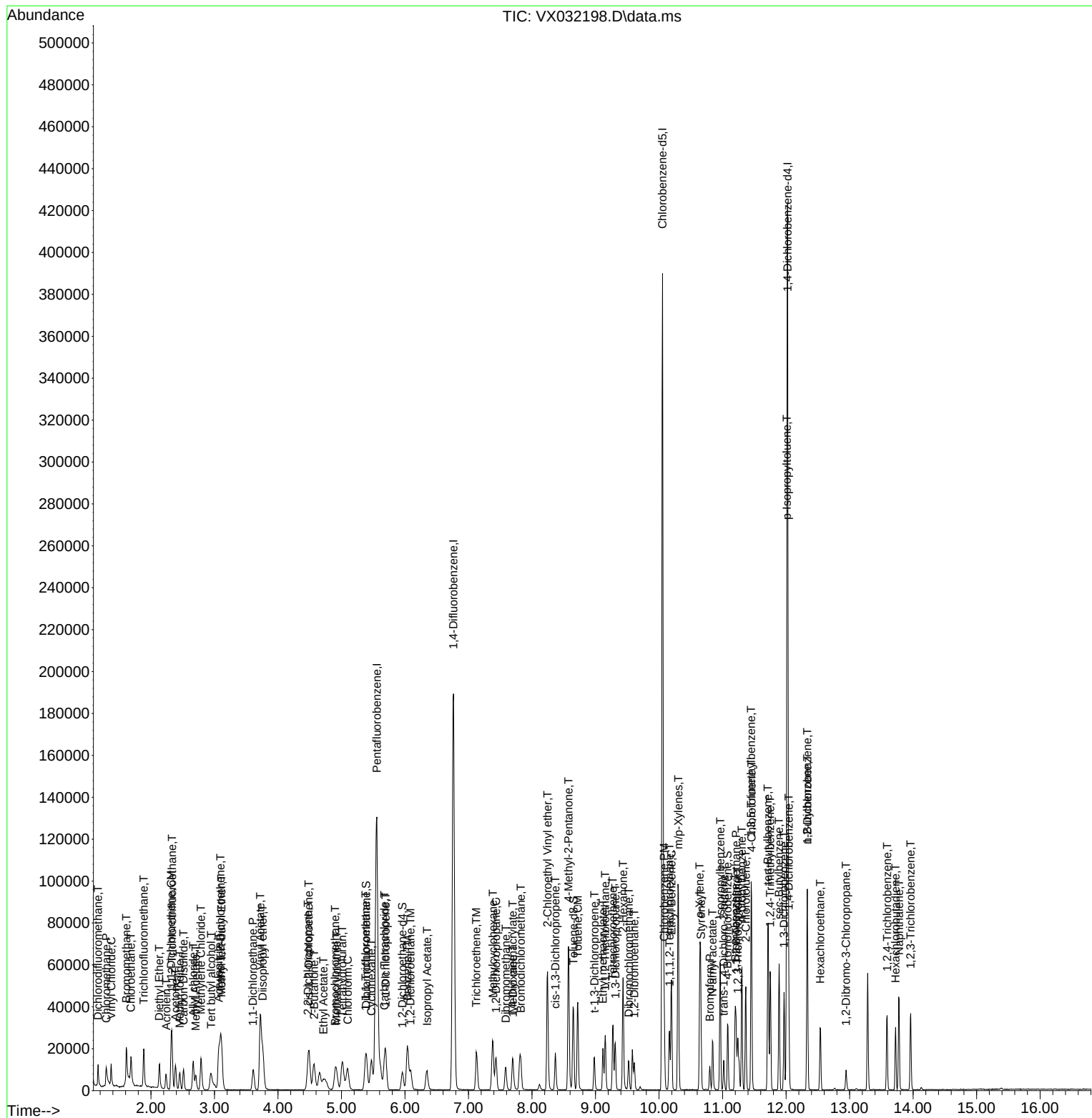
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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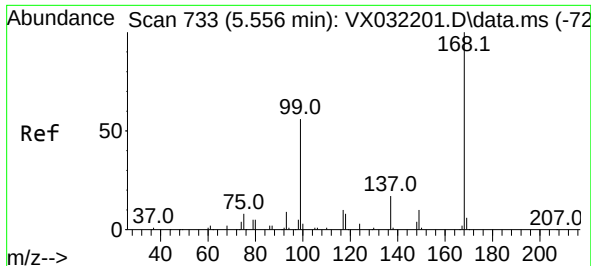
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Operator : JC/MD
 Sample : VSTDIC005
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Quant Title : SW846 8260
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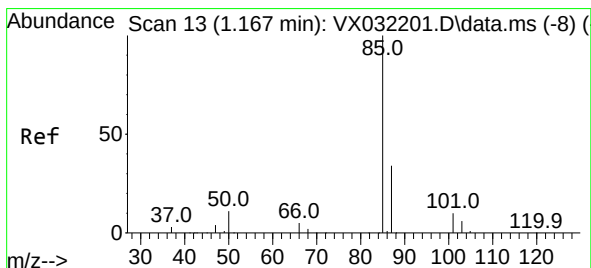
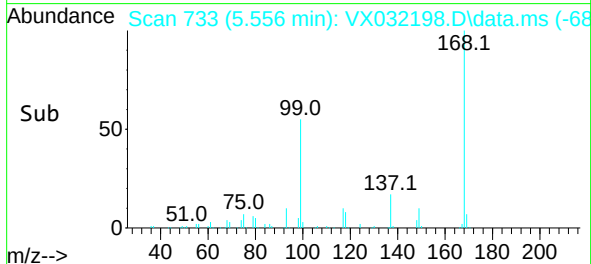
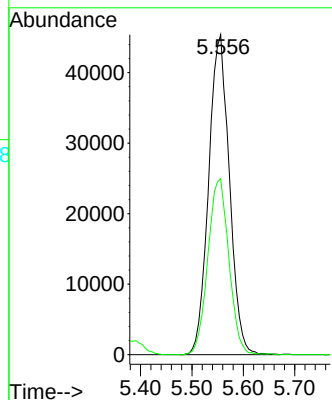
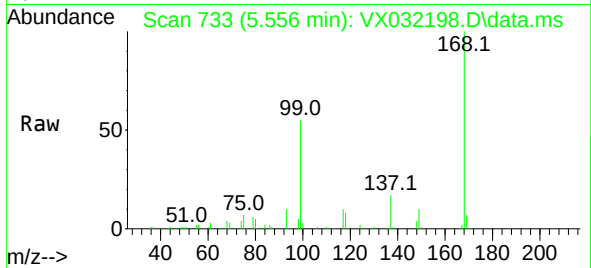




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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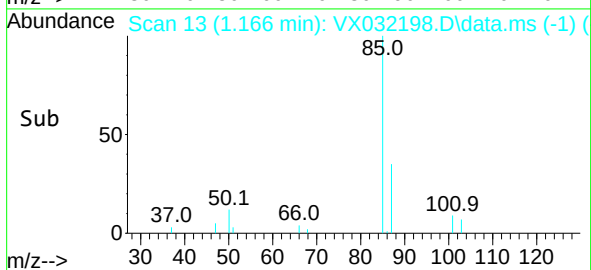
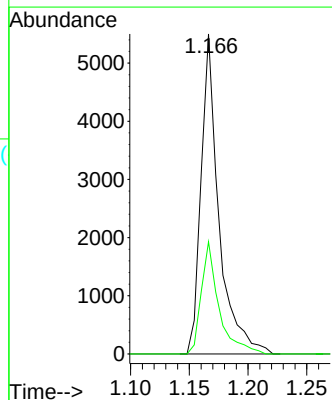
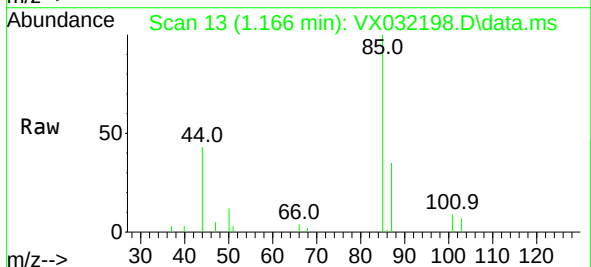
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

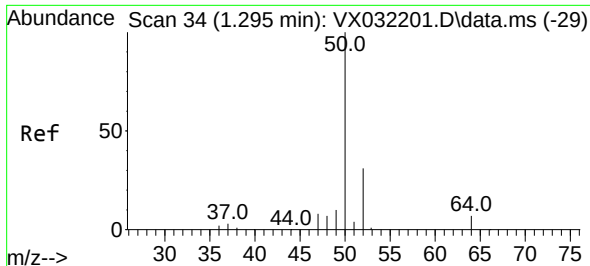
Tgt Ion:168 Resp: 127063
Ion Ratio Lower Upper
168 100
99 55.0 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 4.994 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 85 Resp: 5805
Ion Ratio Lower Upper
85 100
87 35.0 16.8 50.4

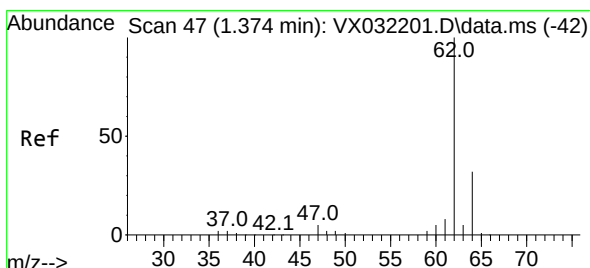
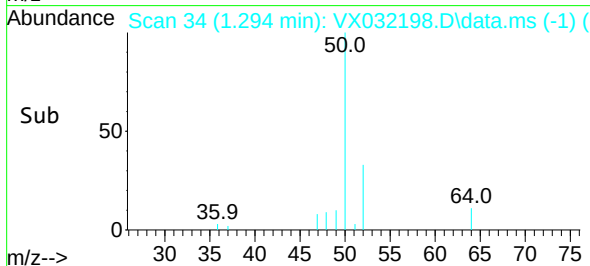
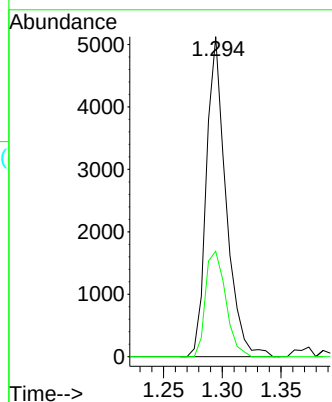
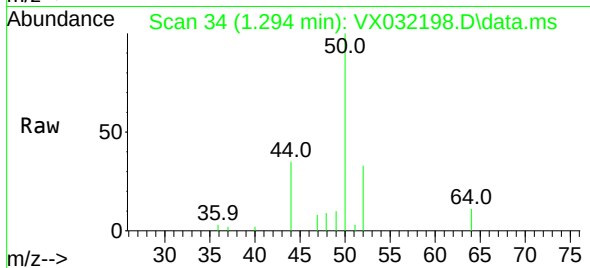




#3
Chloromethane
Concen: 4.844 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

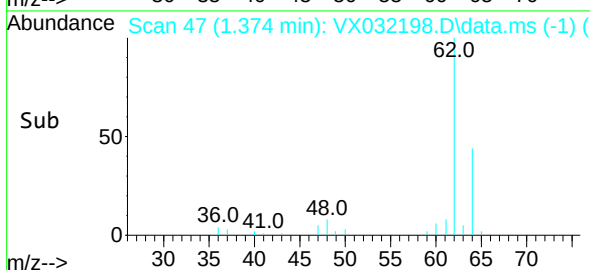
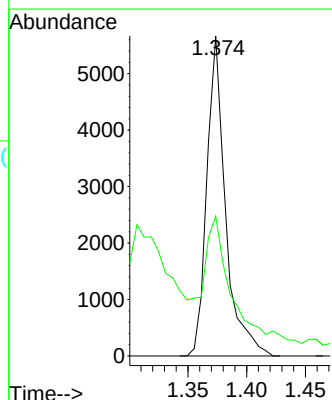
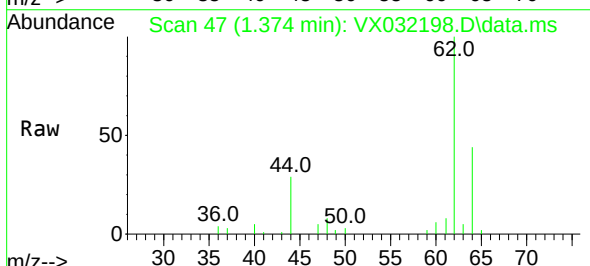
Instrument :
MSVOA_X
ClientSampleId :
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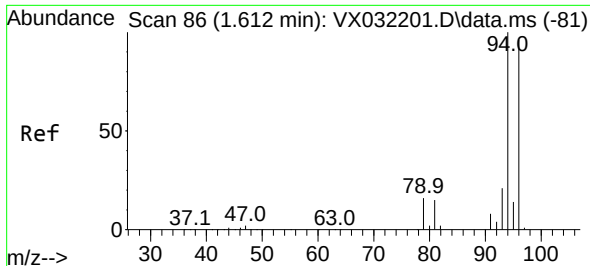
Tgt Ion: 50 Resp: 5934
Ion Ratio Lower Upper
50 100
52 32.9 24.7 37.1



#4
Vinyl Chloride
Concen: 4.981 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 62 Resp: 6236
Ion Ratio Lower Upper
62 100
64 37.3 26.6 39.8

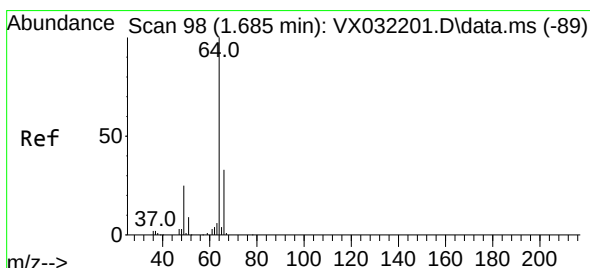
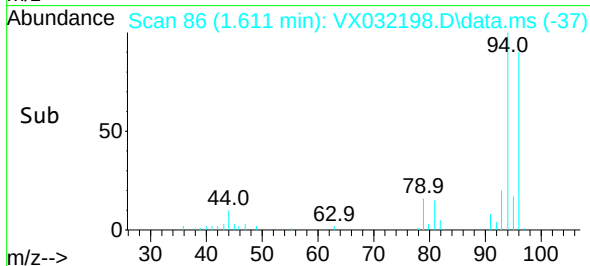
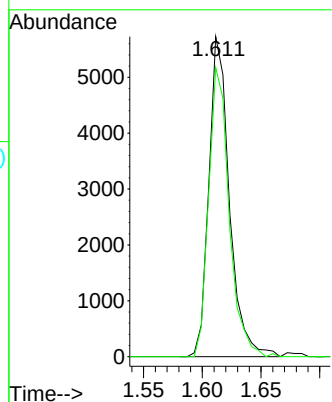
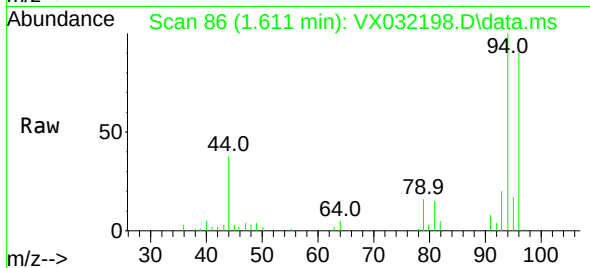




#5
Bromomethane
Concen: 5.314 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.001 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

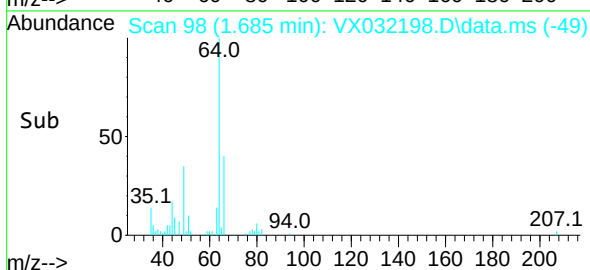
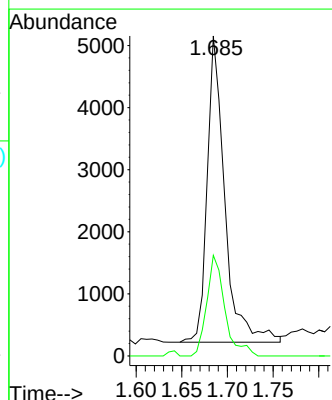
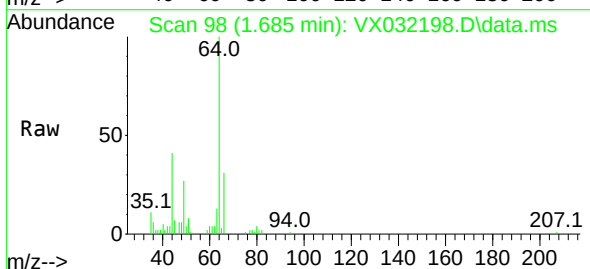
Instrument :
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ClientSampleId :
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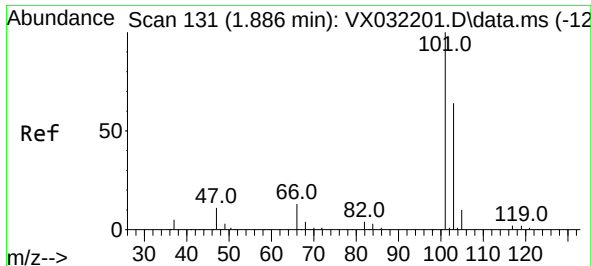
Tgt Ion: 94 Resp: 6966
Ion Ratio Lower Upper
94 100
96 90.3 76.7 115.1



#6
Chloroethane
Concen: 6.581 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 64 Resp: 6614
Ion Ratio Lower Upper
64 100
66 32.9 26.6 39.8

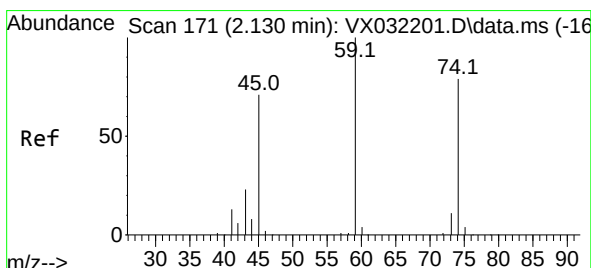
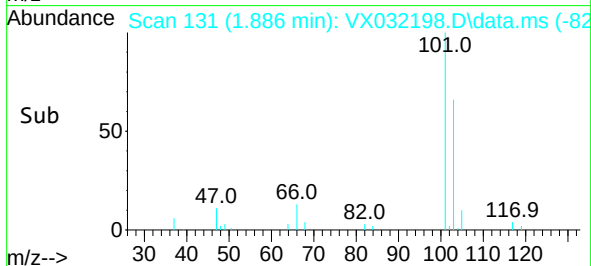
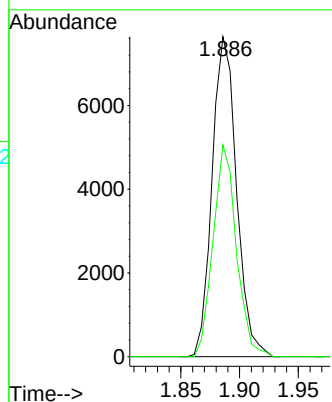
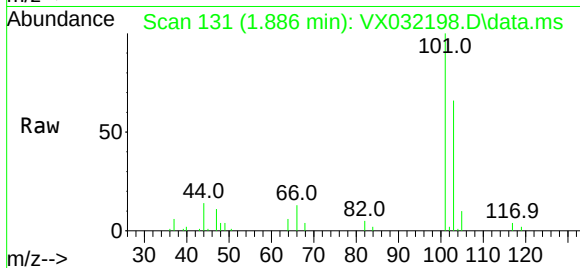




#7
 Trichlorofluoromethane
 Concen: 4.961 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

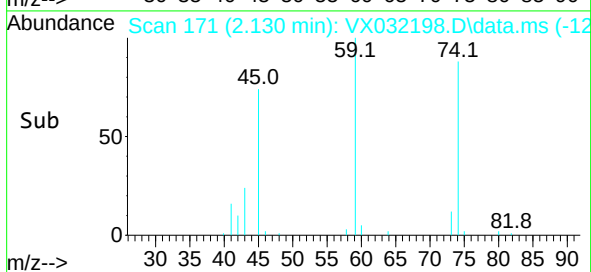
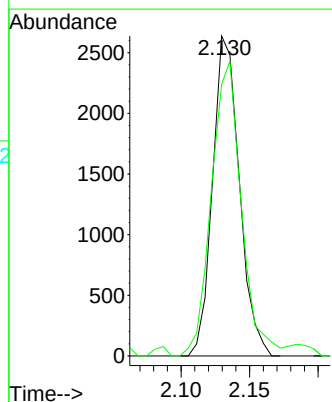
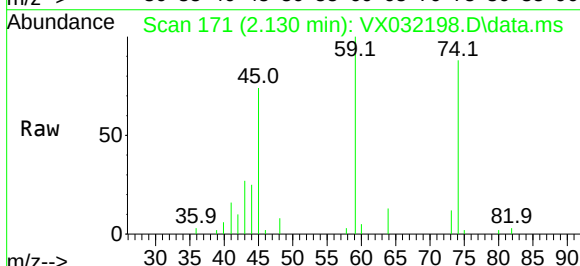
Instrument :
 MSVOA_X
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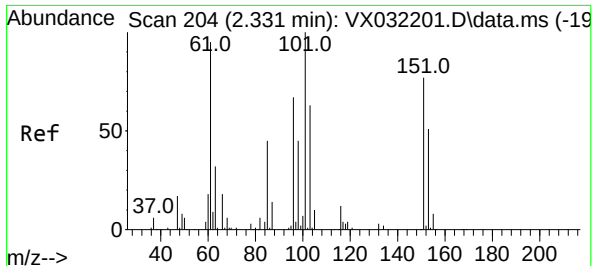
Tgt Ion:101 Resp: 11041
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.3 76.9



#8
 Diethyl Ether
 Concen: 4.732 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX032198.D
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Tgt Ion: 74 Resp: 3579
 Ion Ratio Lower Upper
 74 100
 45 102.8 45.9 137.6

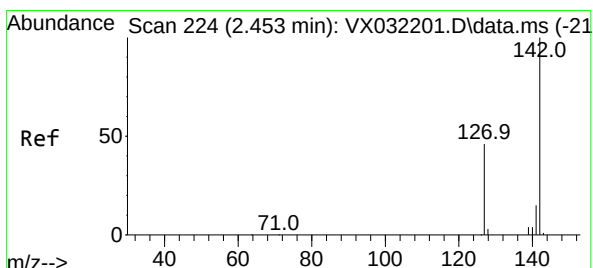
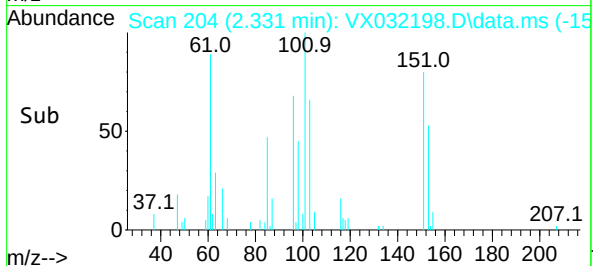
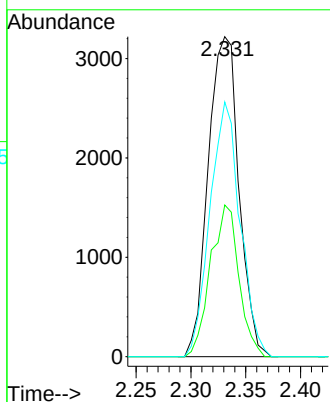
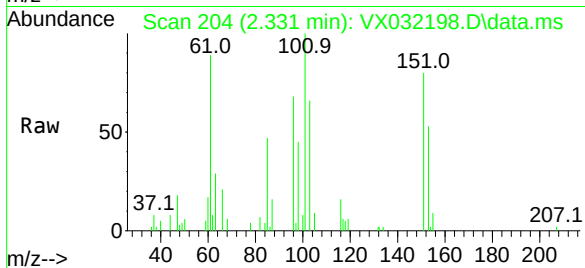




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.213 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

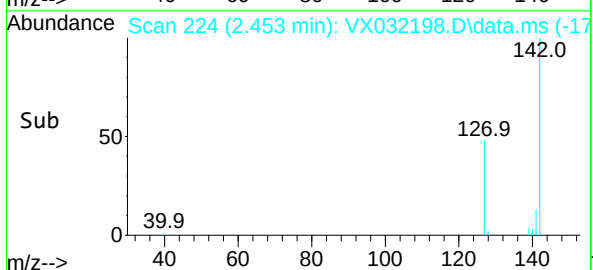
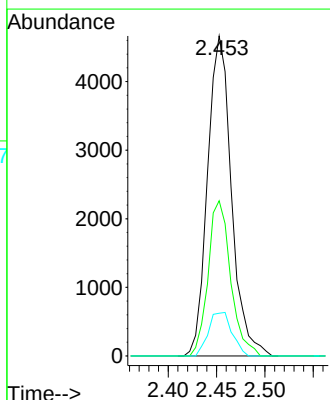
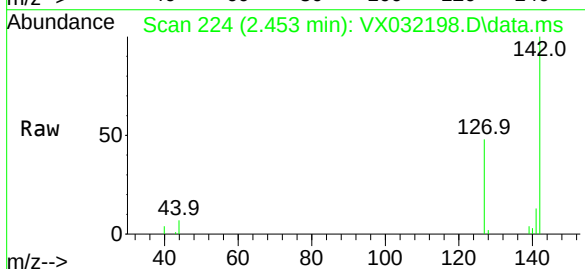
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

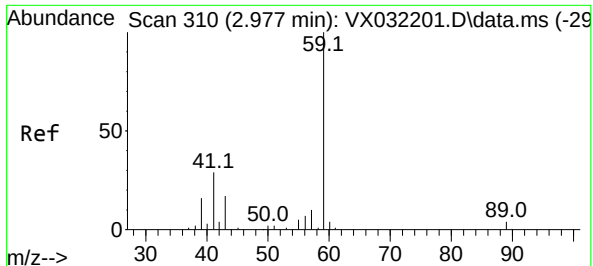
Tgt Ion:101 Resp: 6290
Ion Ratio Lower Upper
101 100
85 43.6 36.5 54.7
151 78.0 65.5 98.3



#10
Methyl Iodide
Concen: 4.599 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:142 Resp: 8020
Ion Ratio Lower Upper
142 100
127 45.8 36.9 55.3
141 13.4 11.4 17.2

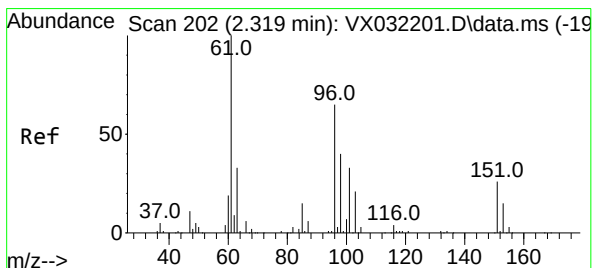
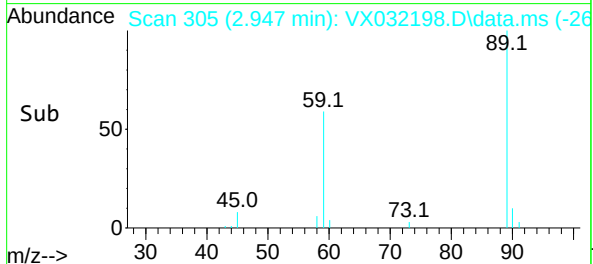
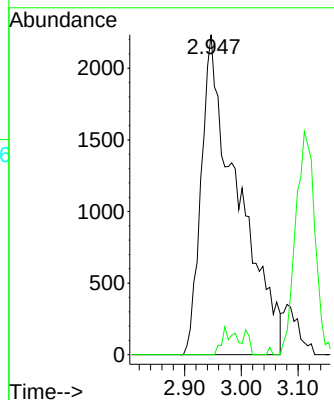
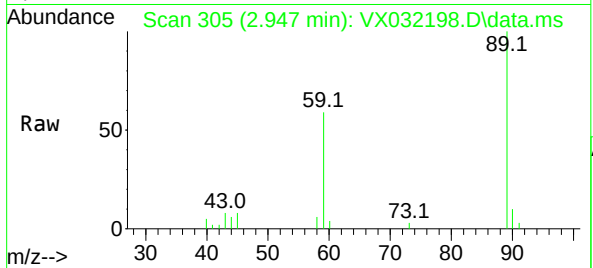




#11
Tert butyl alcohol
Concen: 37.214 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

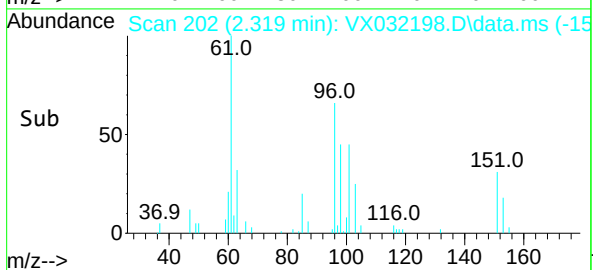
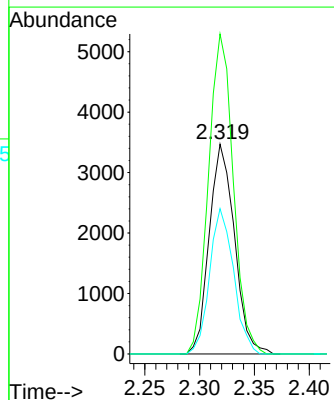
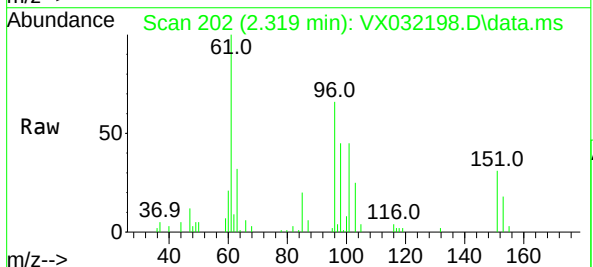
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

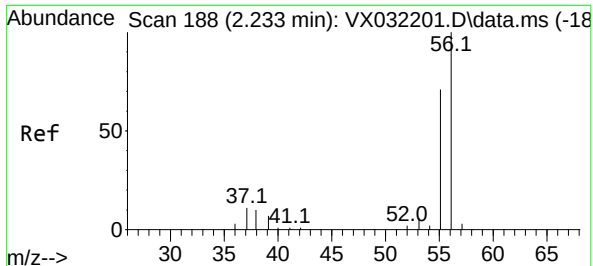
Tgt Ion: 59 Resp: 9946
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#12
1,1-Dichloroethene
Concen: 4.900 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 96 Resp: 5557
Ion Ratio Lower Upper
96 100
61 152.6 124.0 186.0
98 69.3 50.0 75.0

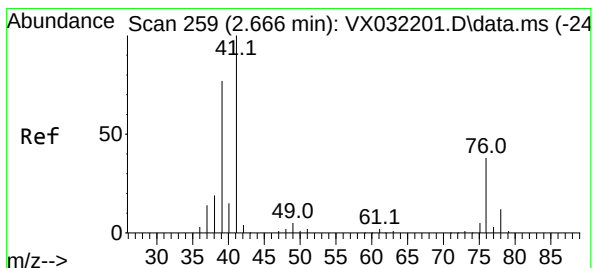
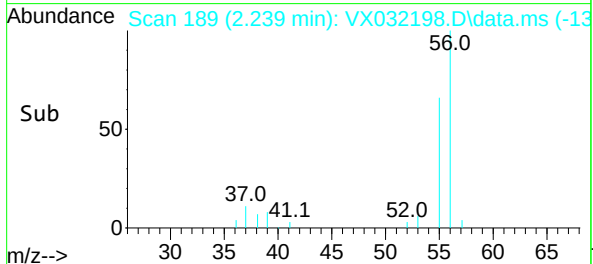
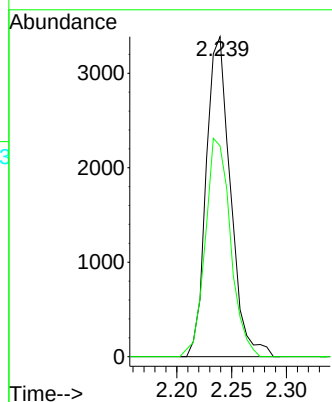
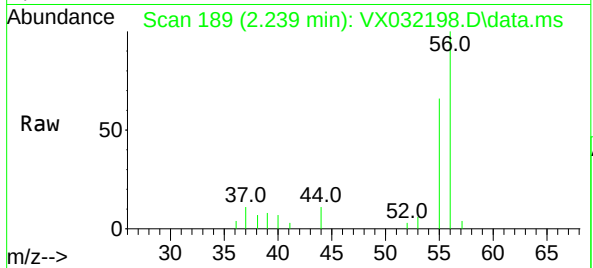




#13
Acrolein
Concen: 25.892 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

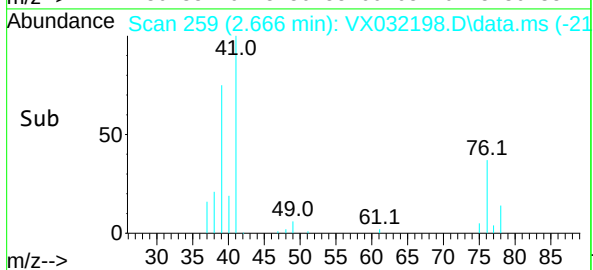
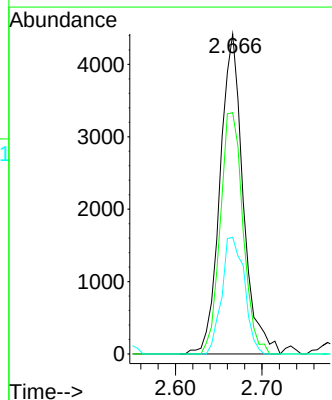
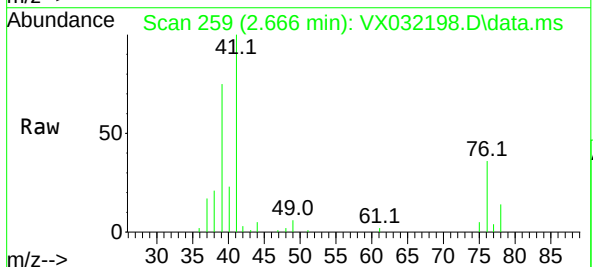
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

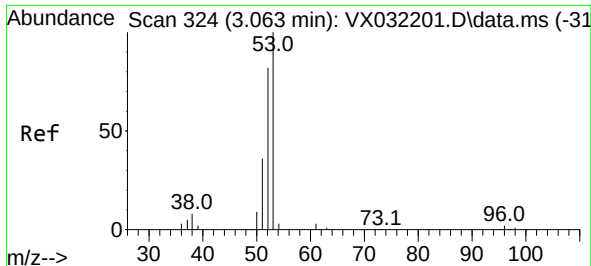
Tgt Ion: 56 Resp: 5210
Ion Ratio Lower Upper
56 100
55 70.9 56.4 84.6



#14
Allyl chloride
Concen: 4.596 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 41 Resp: 8186
Ion Ratio Lower Upper
41 100
39 74.1 59.5 89.3
76 35.6 28.6 42.8





#15

Acrylonitrile

Concen: 24.399 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.005 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

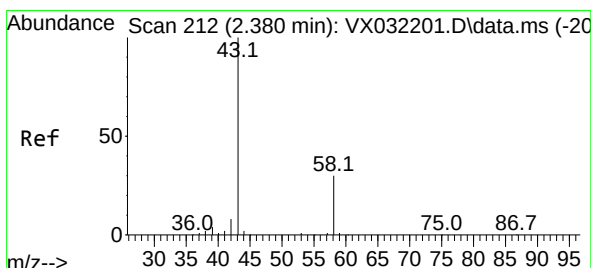
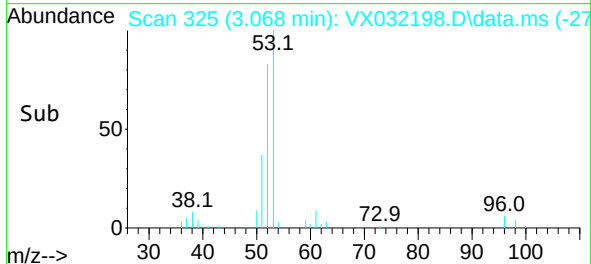
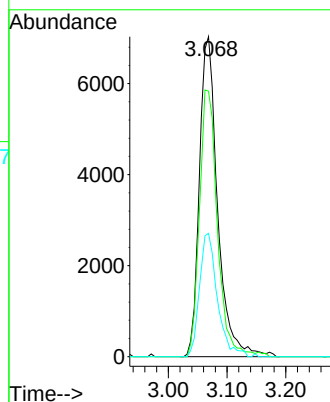
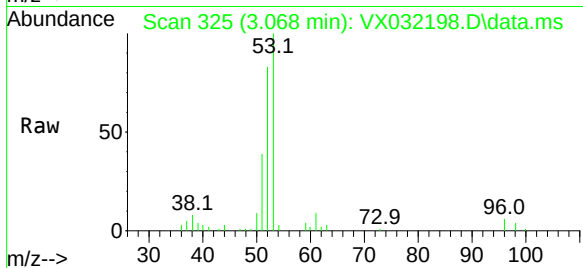
Tgt Ion: 53 Resp: 15126

Ion Ratio Lower Upper

53 100

52 82.2 65.9 98.9

51 37.7 29.7 44.5



#16

Acetone

Concen: 24.677 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032198.D

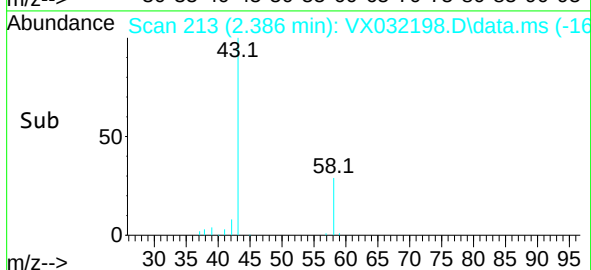
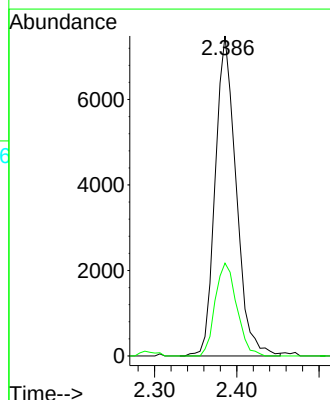
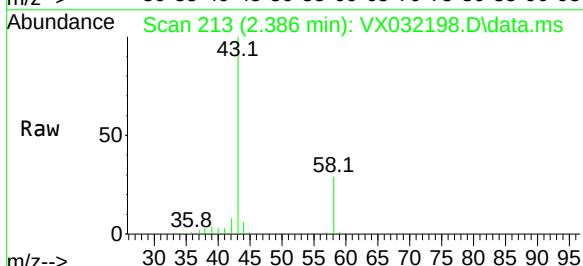
Acq: 19 Oct 2022 11:22

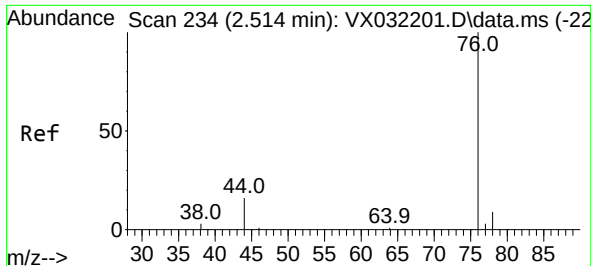
Tgt Ion: 43 Resp: 13237

Ion Ratio Lower Upper

43 100

58 29.0 24.2 36.2

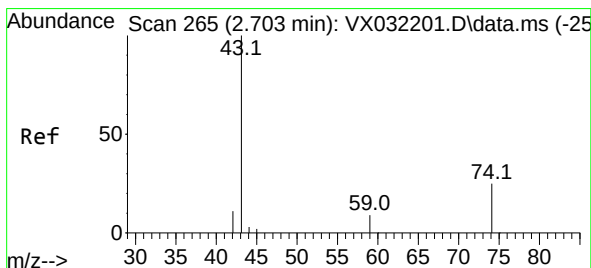
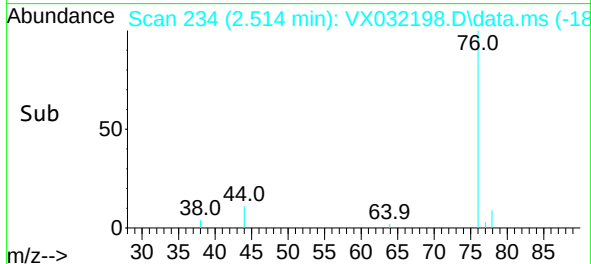
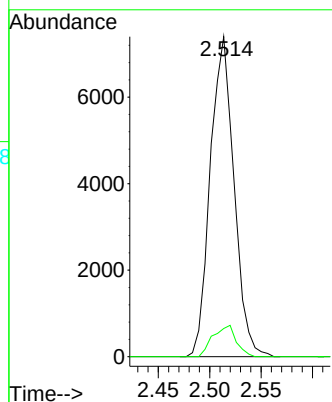
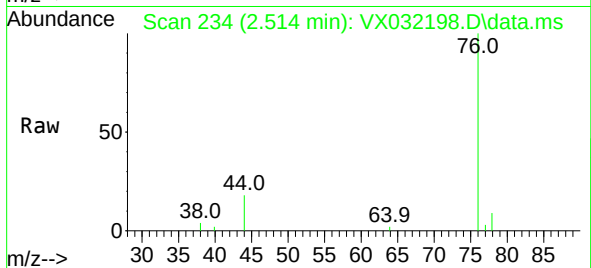




#17
Carbon Disulfide
Concen: 4.477 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

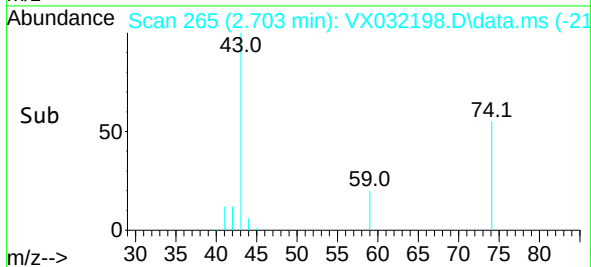
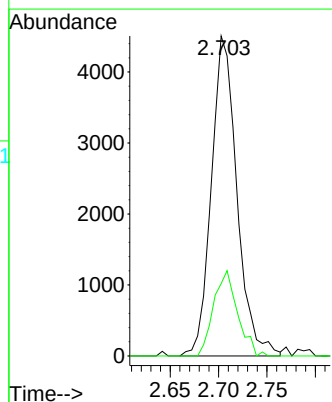
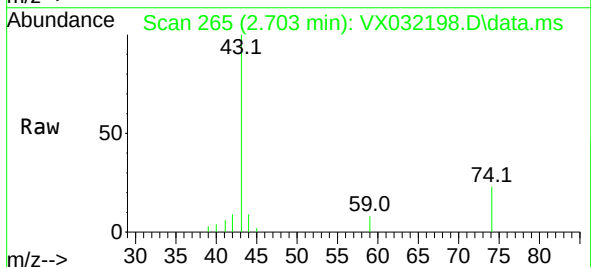
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

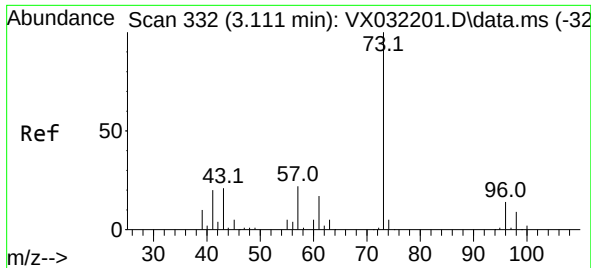
Tgt Ion: 76 Resp: 11886
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 4.554 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 43 Resp: 8294
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8

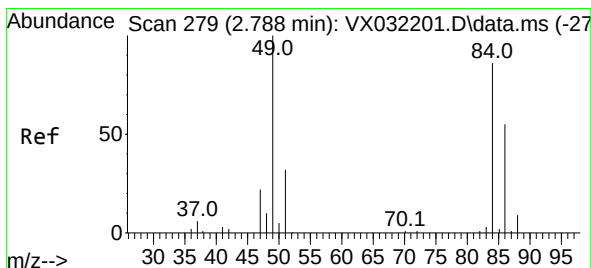
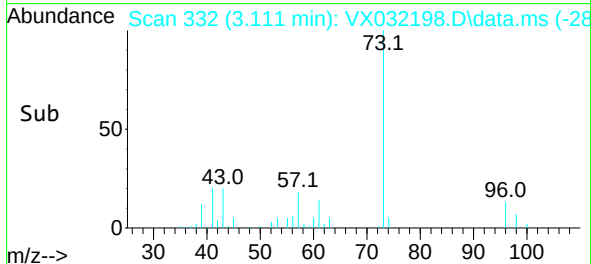
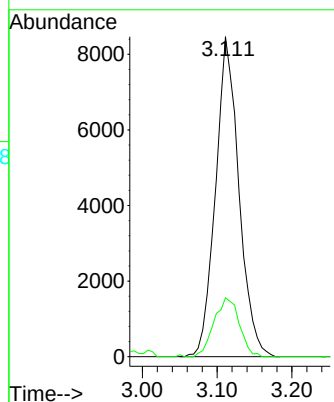
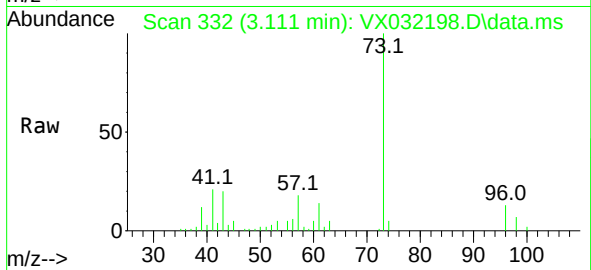




#19
Methyl tert-butyl Ether
Concen: 4.711 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

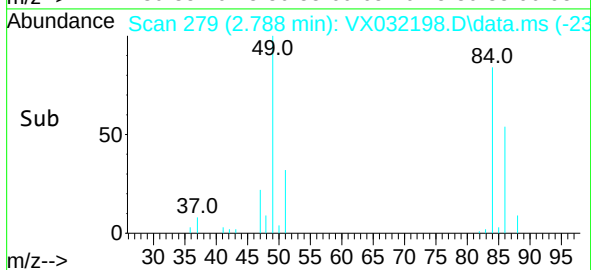
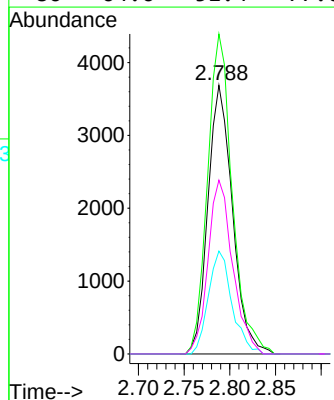
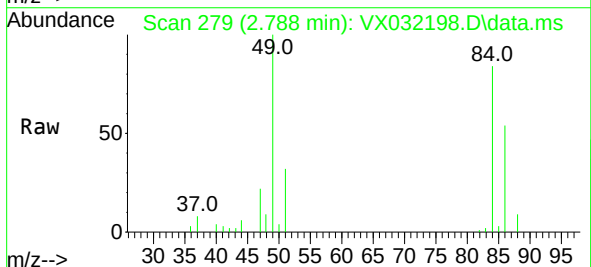
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

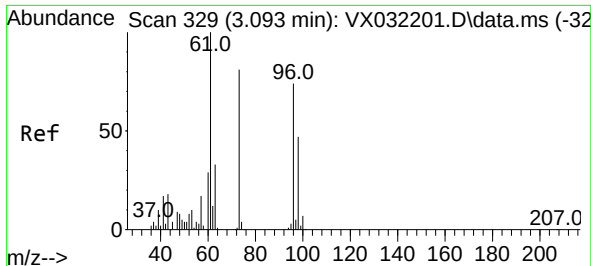
Tgt Ion: 73 Resp: 18410
Ion Ratio Lower Upper
73 100
57 18.4 17.4 26.2



#20
Methylene Chloride
Concen: 5.003 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

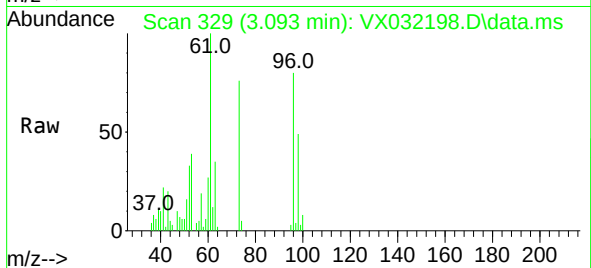
Tgt Ion: 84 Resp: 6891
Ion Ratio Lower Upper
84 100
49 119.1 92.6 139.0
51 38.3 29.2 43.8
86 64.6 51.4 77.0



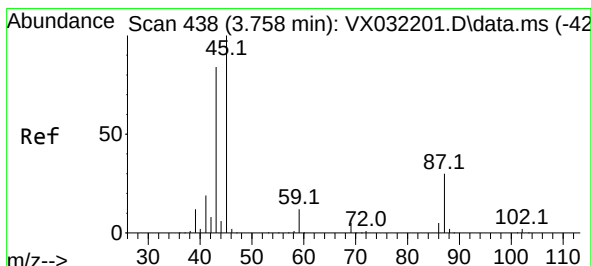
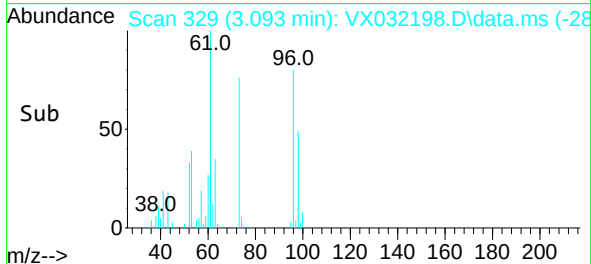
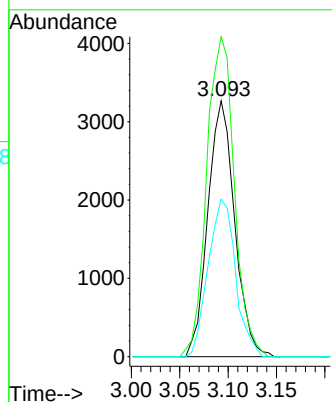


#21
trans-1,2-Dichloroethene
Concen: 5.104 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

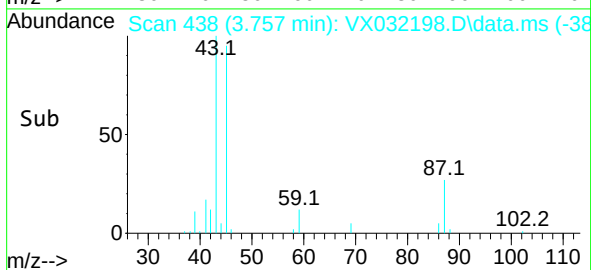
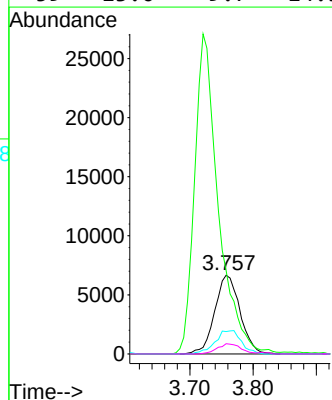
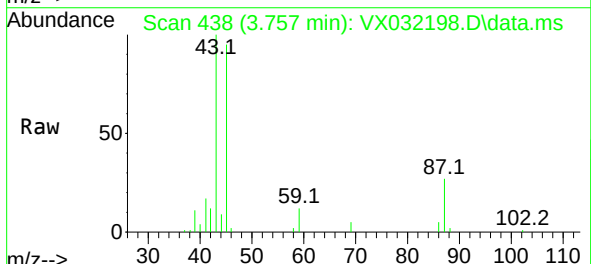


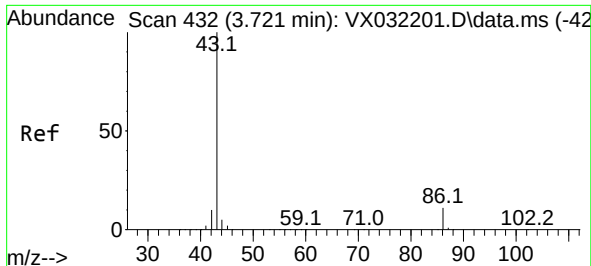
Tgt Ion: 96 Resp: 6305
Ion Ratio Lower Upper
96 100
61 125.1 107.7 161.5
98 61.6 50.2 75.4



#22
Diisopropyl ether
Concen: 4.734 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 45 Resp: 18465
Ion Ratio Lower Upper
45 100
43 103.6 67.5 101.3#
87 28.4 24.0 36.0
59 13.0 9.7 14.5

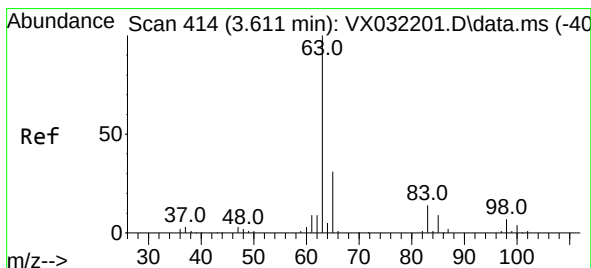
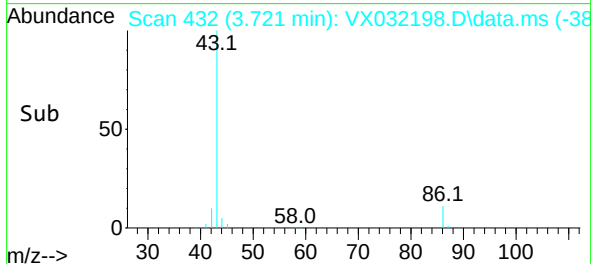
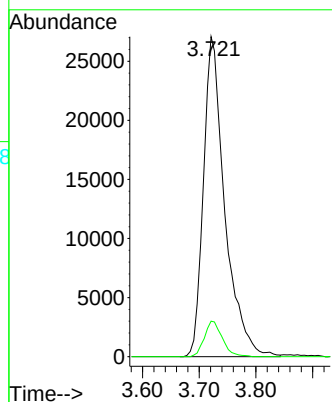
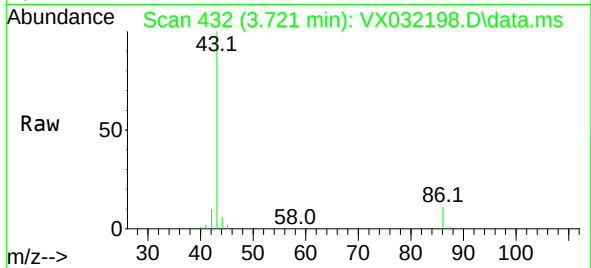




#23
 Vinyl Acetate
 Concen: 22.734 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

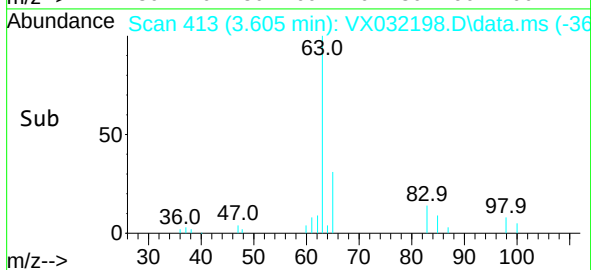
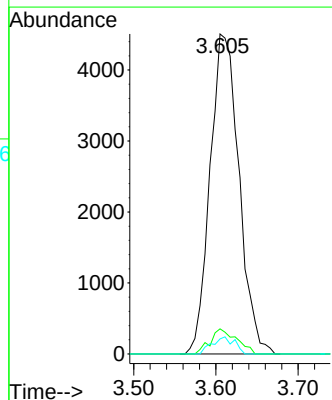
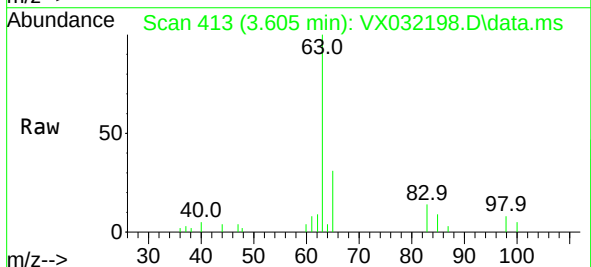
Instrument :
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 ClientSampleId :
 VSTDIC005

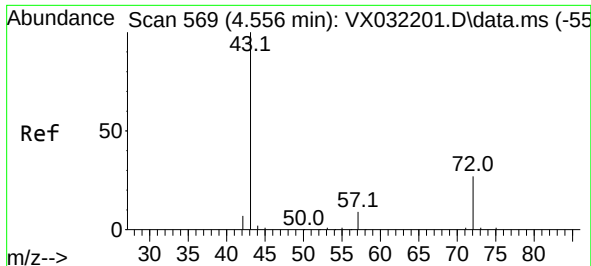
Tgt Ion: 43 Resp: 70875
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 4.893 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

Tgt Ion: 63 Resp: 11028
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 4.7 2.1 6.3

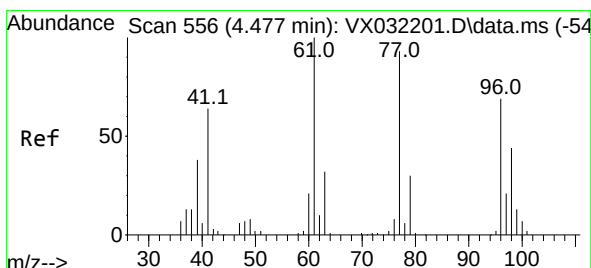
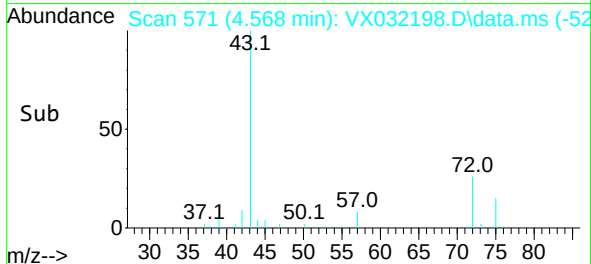
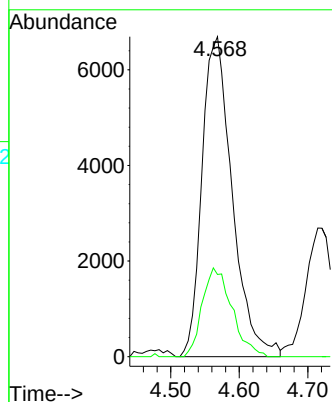
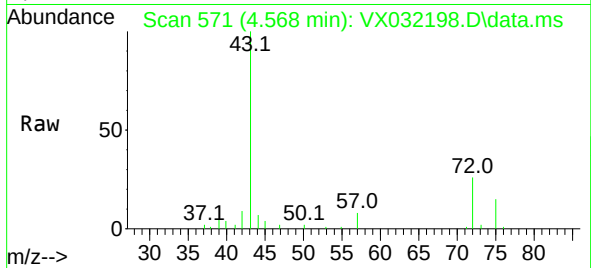




#25
2-Butanone
Concen: 24.565 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

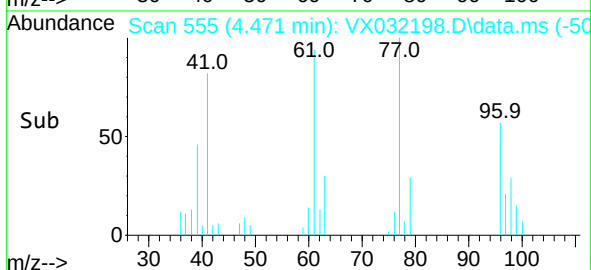
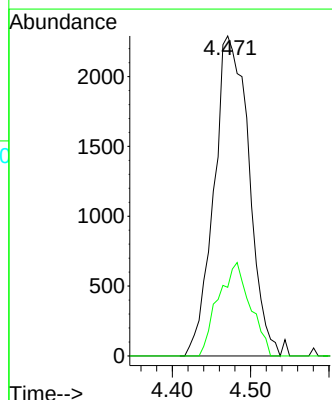
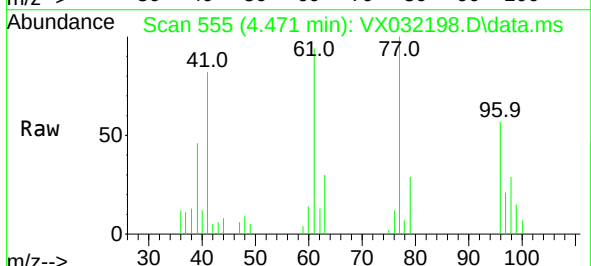
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

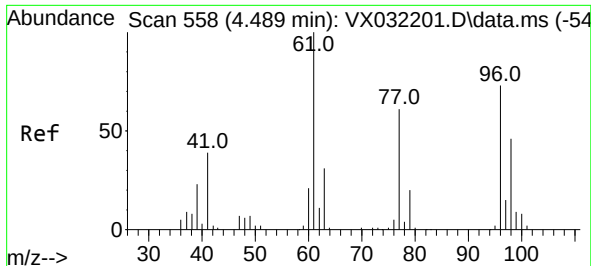
Tgt Ion: 43 Resp: 20573
Ion Ratio Lower Upper
43 100
72 25.7 21.7 32.5



#26
2,2-Dichloropropane
Concen: 4.362 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 77 Resp: 7083
Ion Ratio Lower Upper
77 100
97 26.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 5.018 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

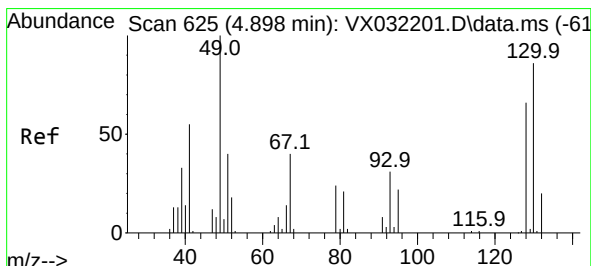
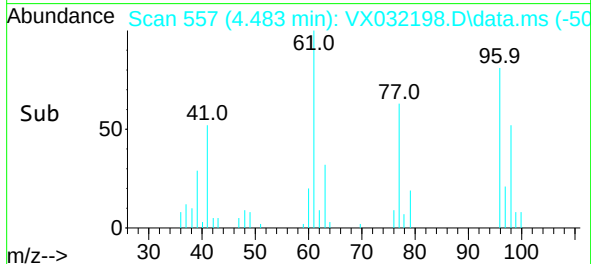
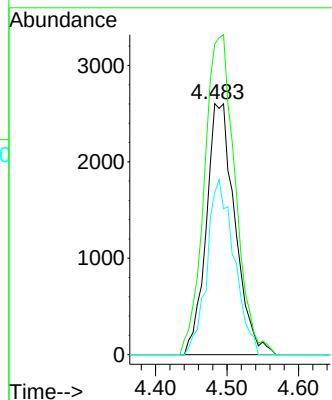
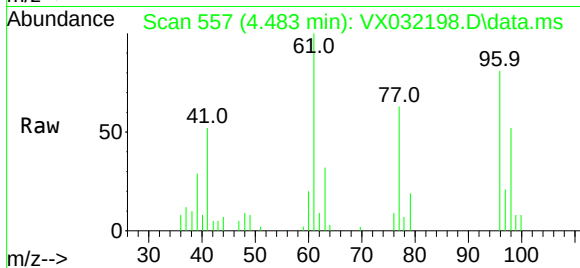
Tgt Ion: 96 Resp: 7257

Ion Ratio Lower Upper

96 100

61 136.9 0.0 279.2

98 65.9 0.0 128.0



#28

Bromochloromethane

Concen: 5.372 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.001 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

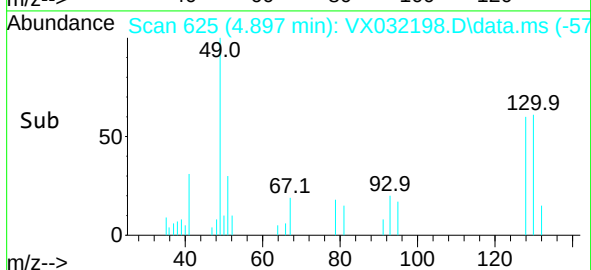
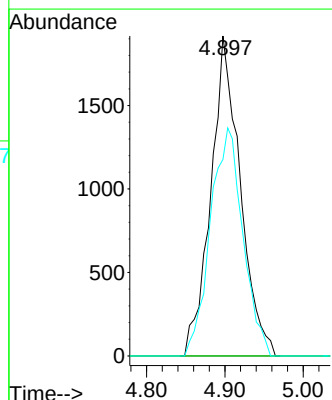
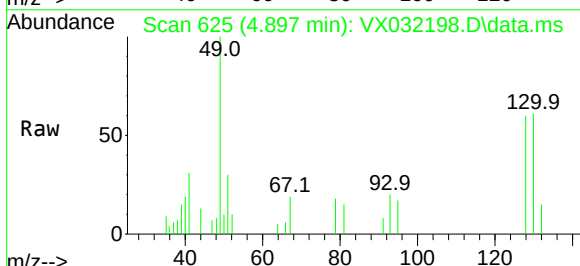
Tgt Ion: 49 Resp: 4995

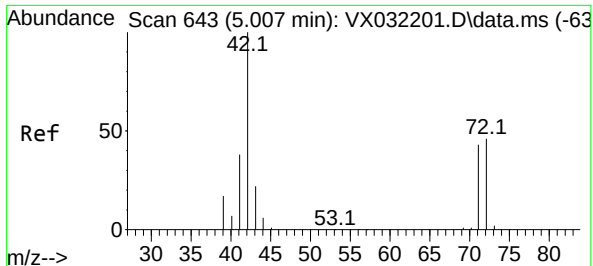
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 78.7 68.3 102.5





#29

Tetrahydrofuran

Concen: 24.538 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

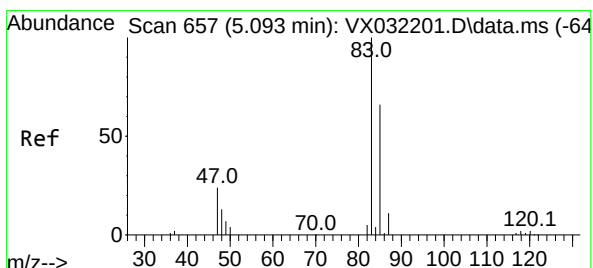
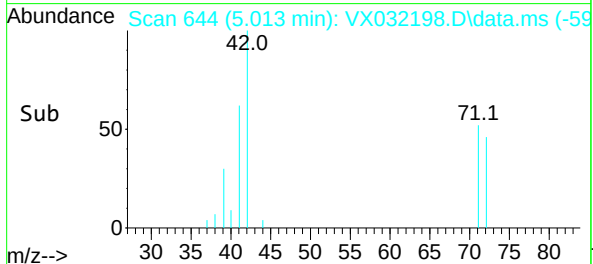
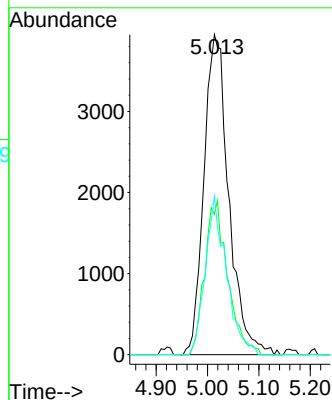
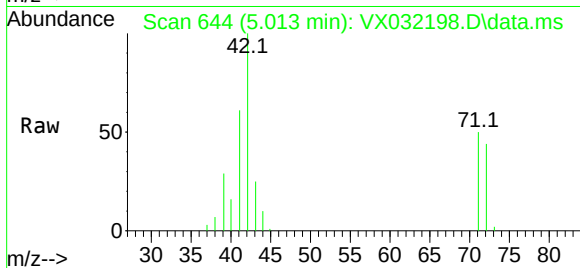
Tgt Ion: 42 Resp: 13273

Ion Ratio Lower Upper

42 100

72 44.5 37.5 56.3

71 42.3 34.7 52.1



#30

Chloroform

Concen: 4.862 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX032198.D

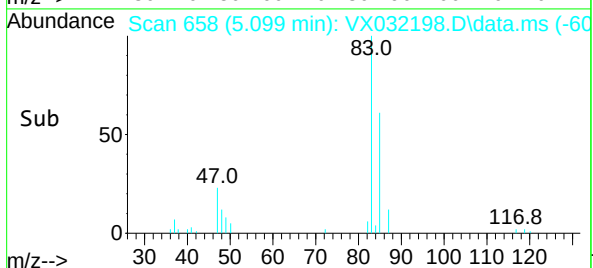
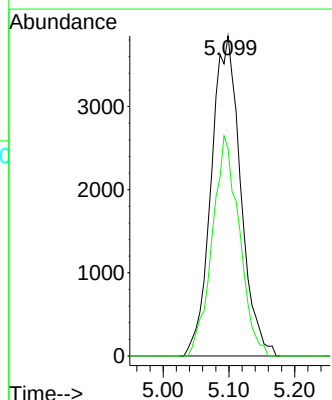
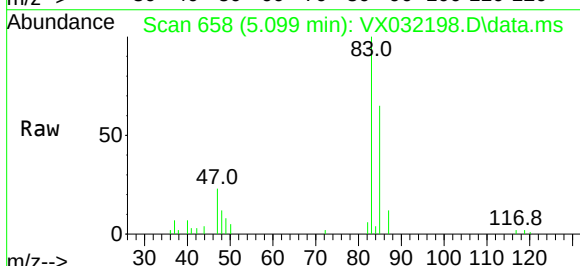
Acq: 19 Oct 2022 11:22

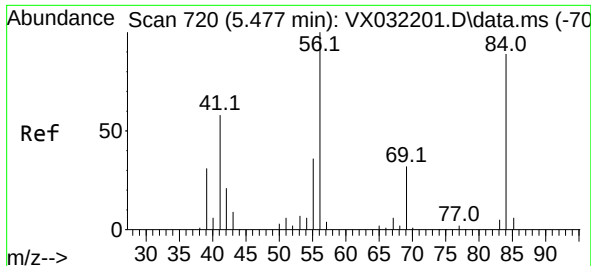
Tgt Ion: 83 Resp: 11927

Ion Ratio Lower Upper

83 100

85 64.8 52.5 78.7





#31

Cyclohexane

Concen: 4.972 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.007 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

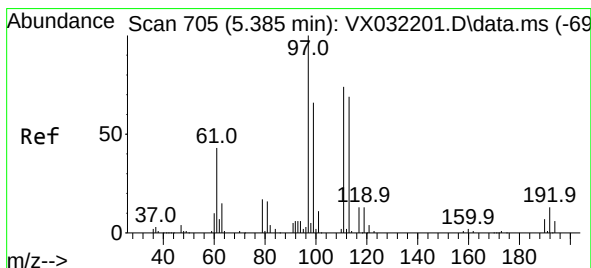
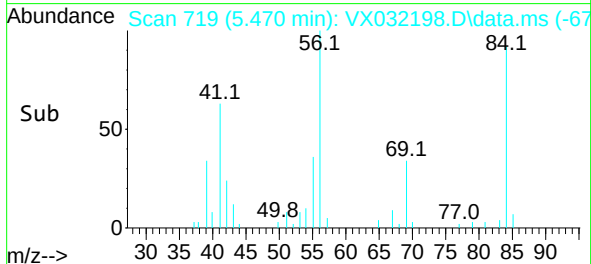
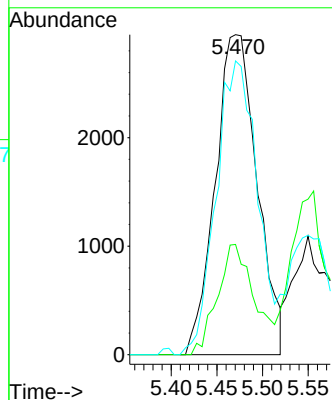
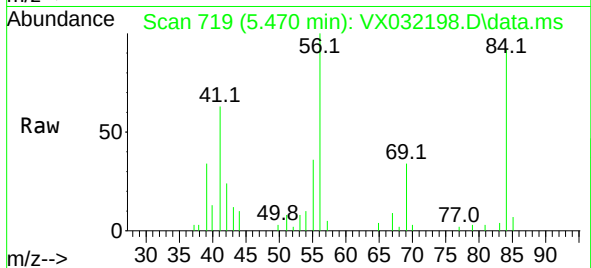
Tgt Ion: 56 Resp: 9396

Ion Ratio Lower Upper

56 100

69 34.5 25.4 38.0

84 91.8 71.2 106.8



#32

1,1,1-Trichloroethane

Concen: 4.740 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

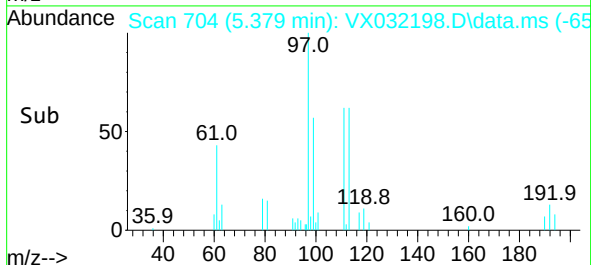
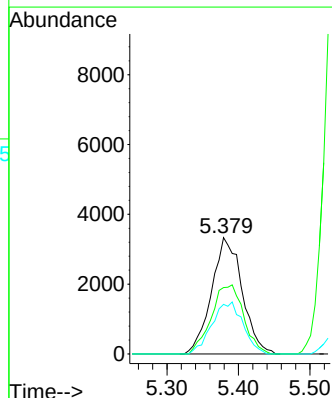
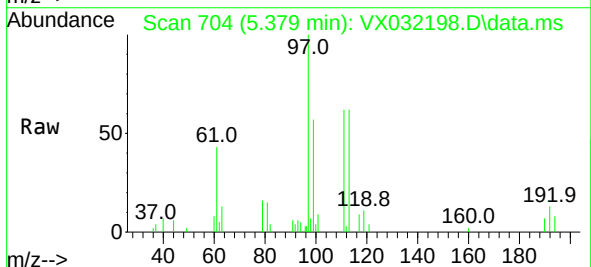
Tgt Ion: 97 Resp: 9916

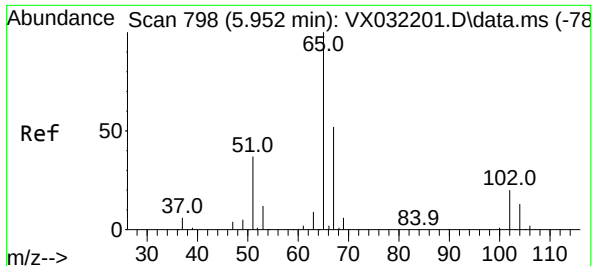
Ion Ratio Lower Upper

97 100

99 62.3 51.8 77.8

61 45.3 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 5.137 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

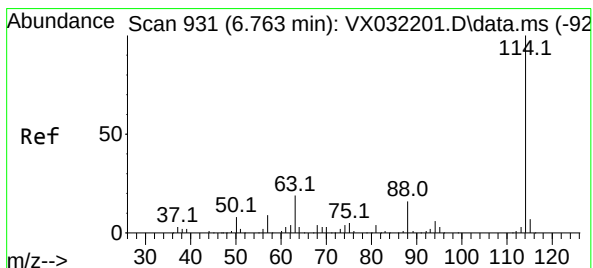
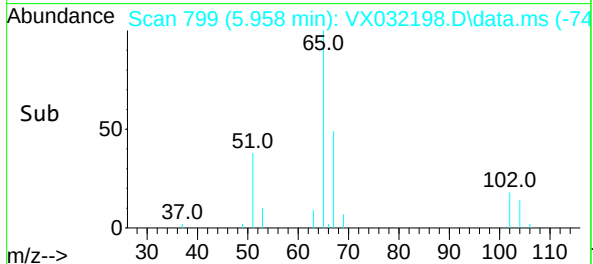
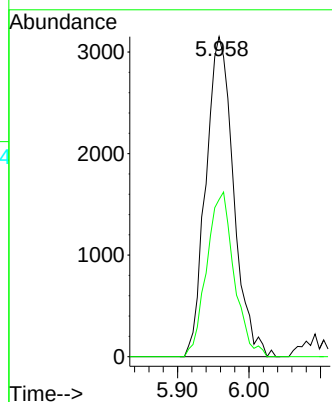
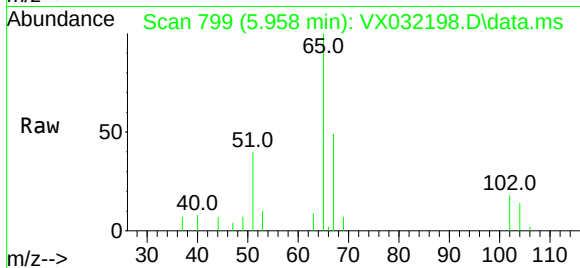
VSTDIC005

Tgt Ion: 65 Resp: 8492

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

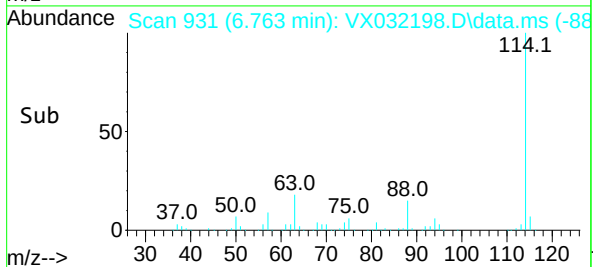
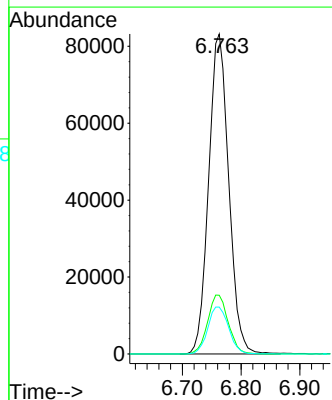
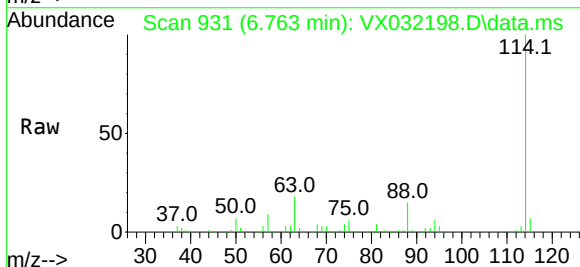
Tgt Ion: 114 Resp: 197440

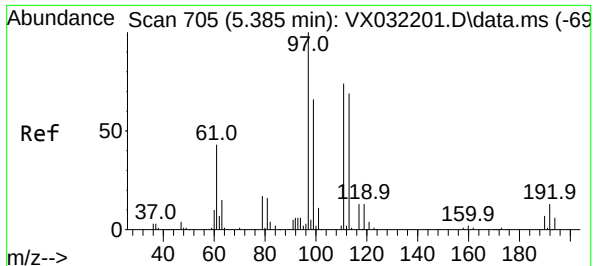
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.6

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.208 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

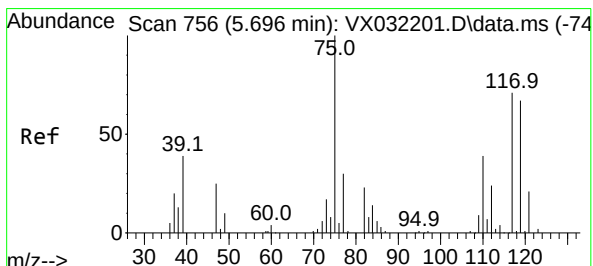
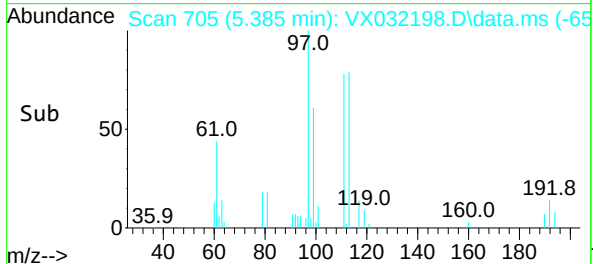
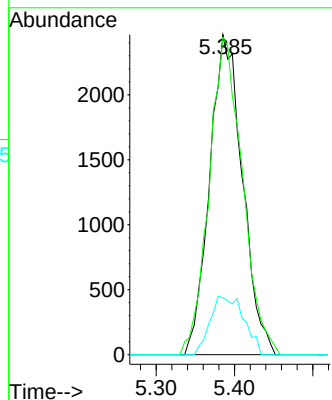
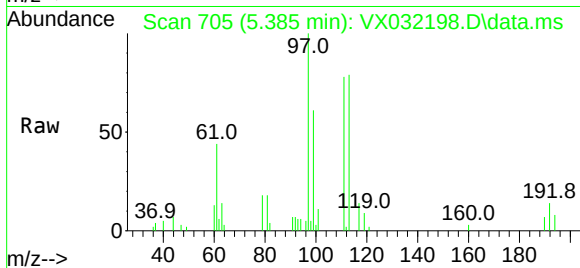
Tgt Ion:113 Resp: 7155

Ion Ratio Lower Upper

113 100

111 101.1 82.8 124.2

192 18.7 15.5 23.3



#36

1,1-Dichloropropene

Concen: 4.764 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

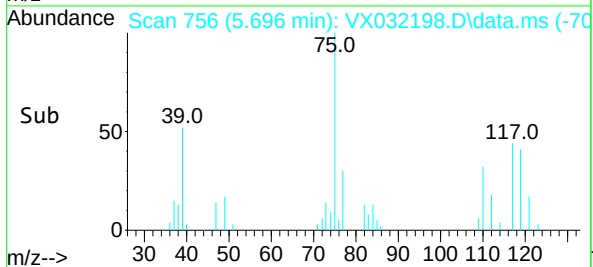
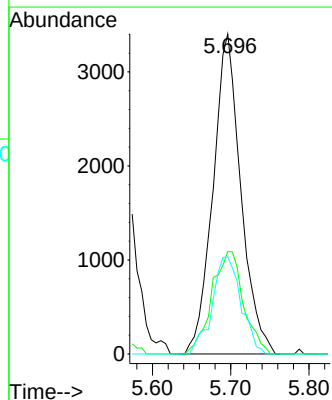
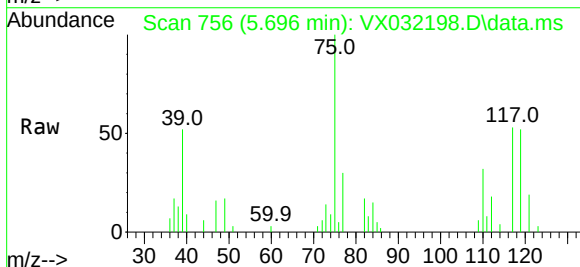
Tgt Ion: 75 Resp: 8419

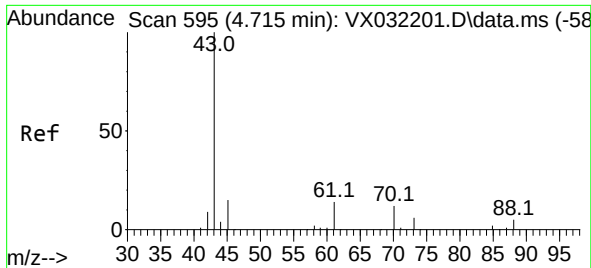
Ion Ratio Lower Upper

75 100

110 36.5 18.4 55.0

77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 4.613 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

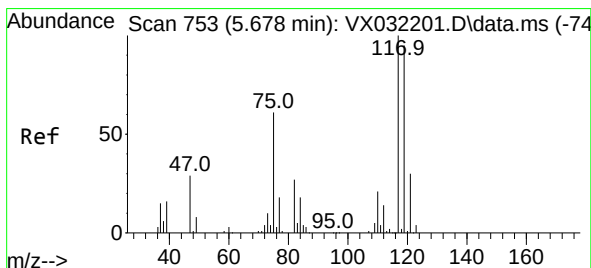
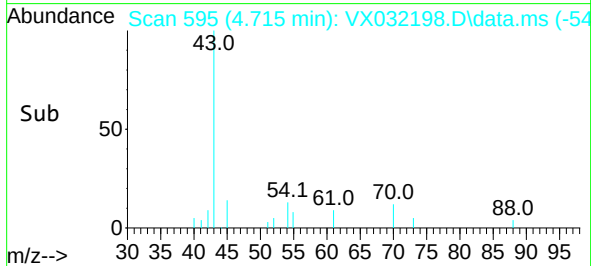
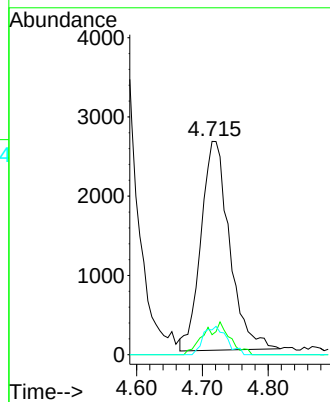
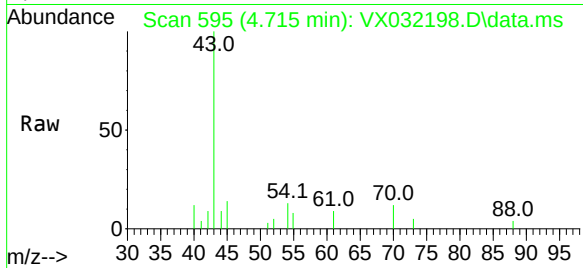
Tgt Ion: 43 Resp: 7982

Ion Ratio Lower Upper

43 100

61 14.0 11.4 17.2

70 11.1 8.8 13.2



#38

Carbon Tetrachloride

Concen: 4.540 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

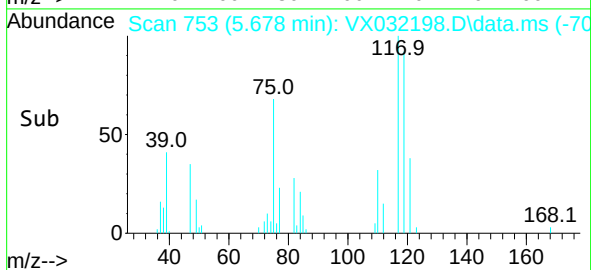
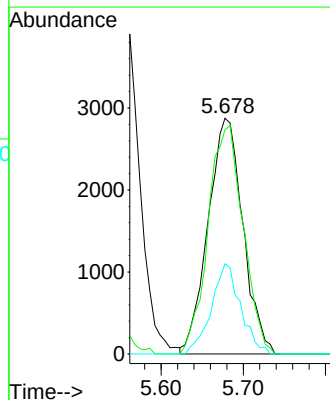
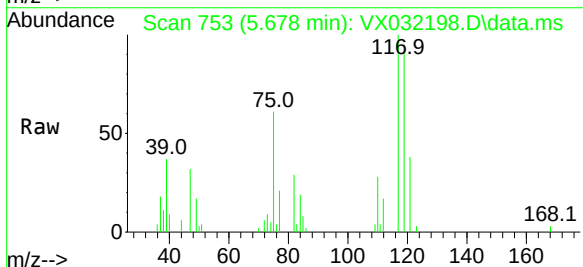
Tgt Ion: 117 Resp: 8471

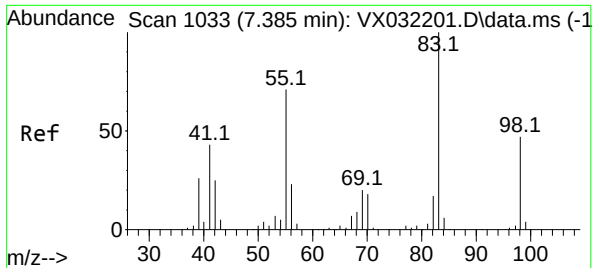
Ion Ratio Lower Upper

117 100

119 95.1 75.4 113.0

121 38.3 23.9 35.9#

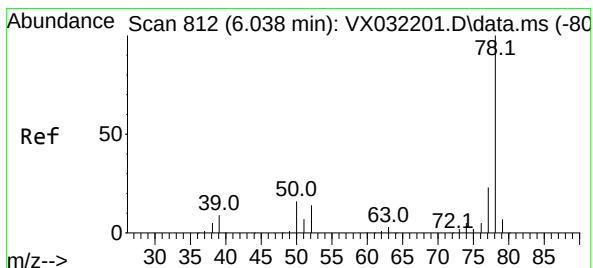
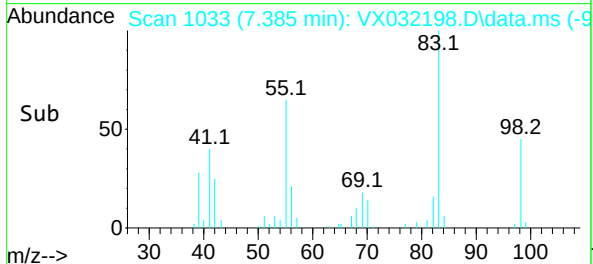
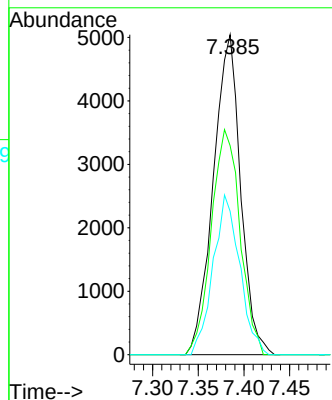
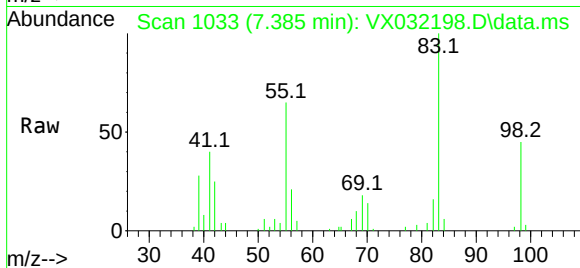




#39
Methylcyclohexane
Concen: 4.972 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

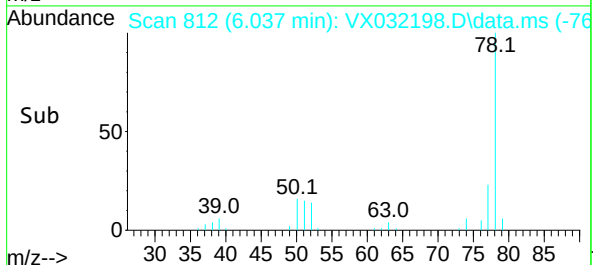
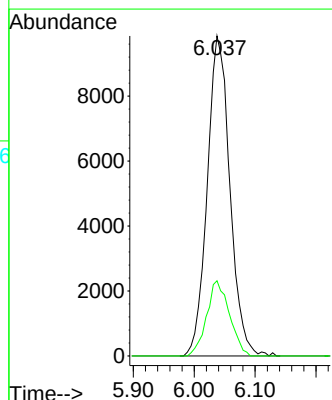
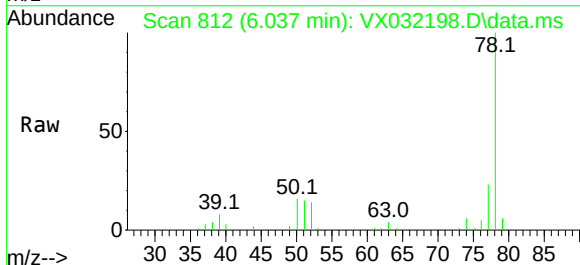
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

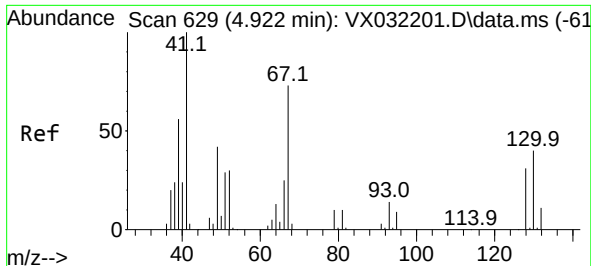
Tgt Ion: 83 Resp: 10497
Ion Ratio Lower Upper
83 100
55 65.3 56.6 85.0
98 44.8 37.4 56.0



#40
Benzene
Concen: 4.973 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 78 Resp: 25472
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8



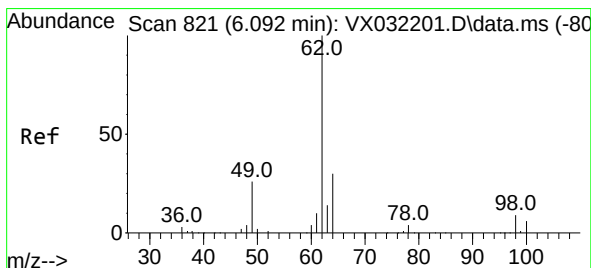
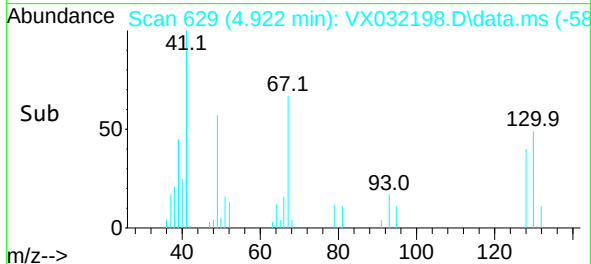
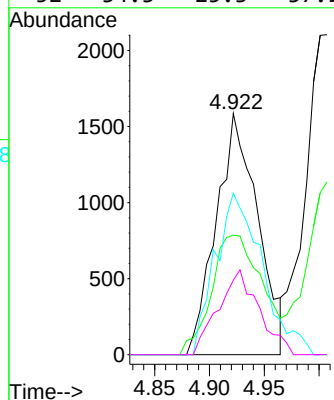
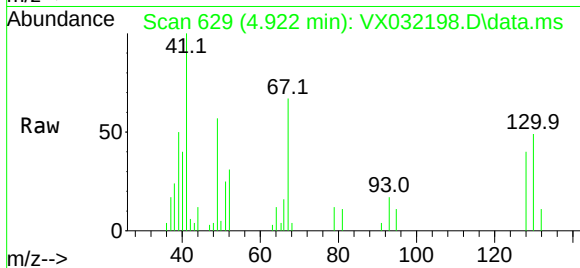


#41
Methacrylonitrile
Concen: 4.580 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 4179

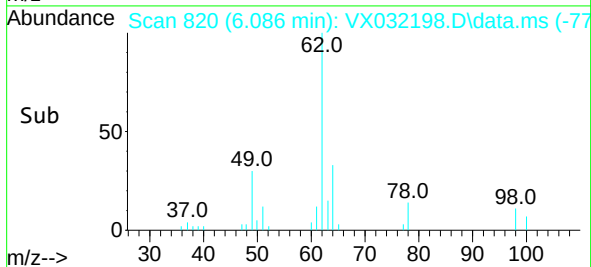
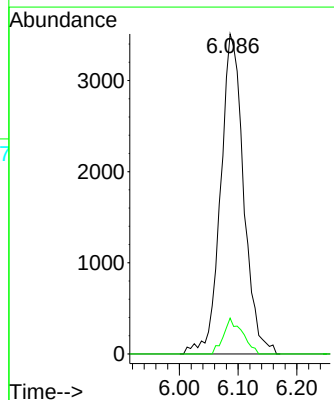
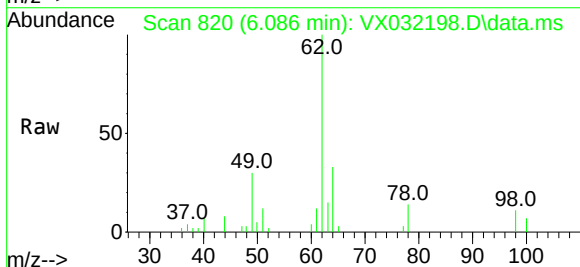
Ion	Ratio	Lower	Upper
41	100		
39	60.2	45.5	68.3
67	75.7	59.4	89.2
52	34.3	25.3	37.9

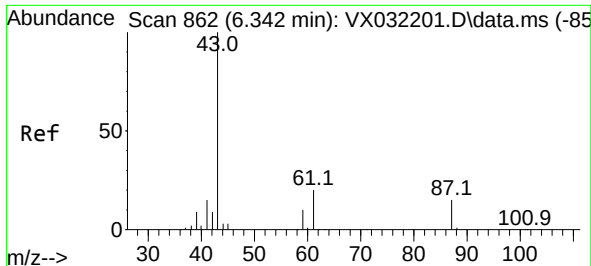


#42
1,2-Dichloroethane
Concen: 4.877 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 62 Resp: 9568

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.4

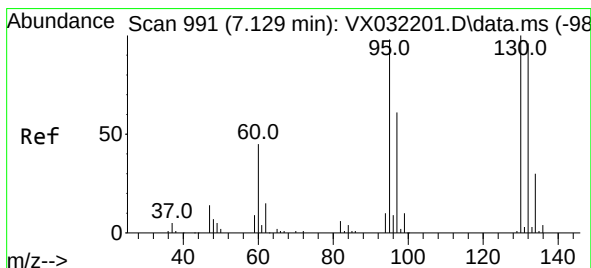
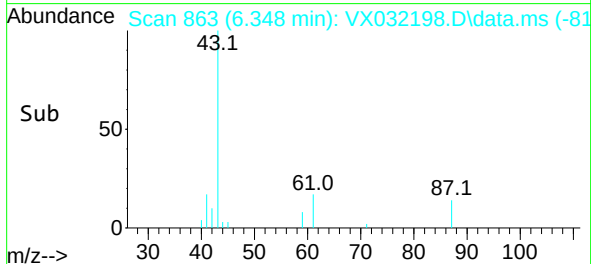
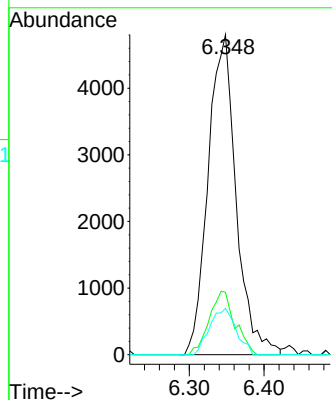
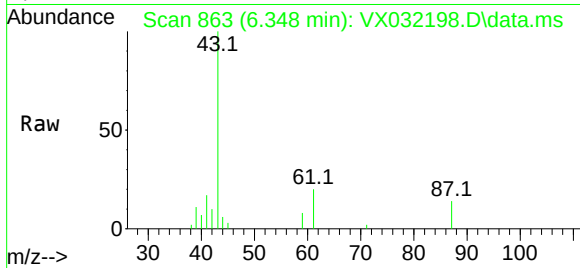




#43
Isopropyl Acetate
Concen: 4.610 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

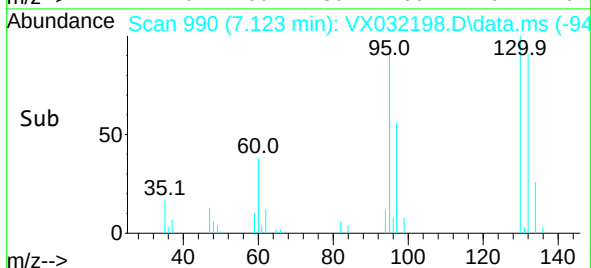
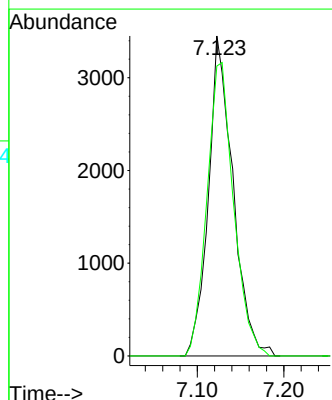
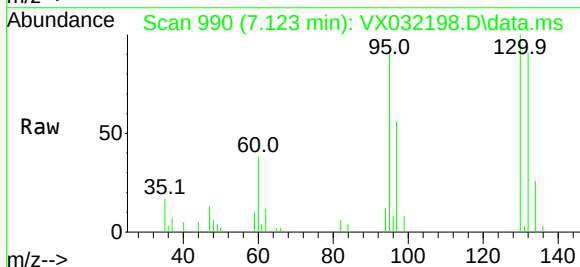
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

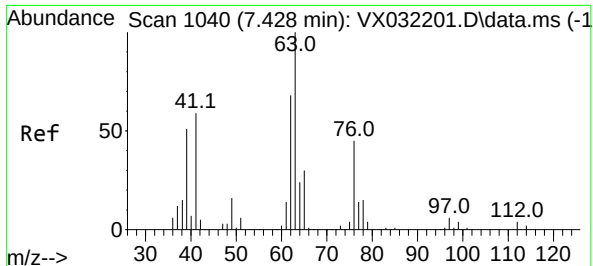
Tgt Ion: 43 Resp: 12521
Ion Ratio Lower Upper
43 100
61 18.2 15.5 23.3
87 13.6 11.0 16.6



#44
Trichloroethene
Concen: 4.821 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:130 Resp: 6800
Ion Ratio Lower Upper
130 100
95 90.6 0.0 196.8





#45

1,2-Dichloropropane

Concen: 4.714 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

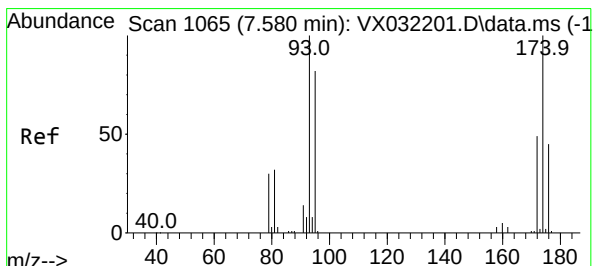
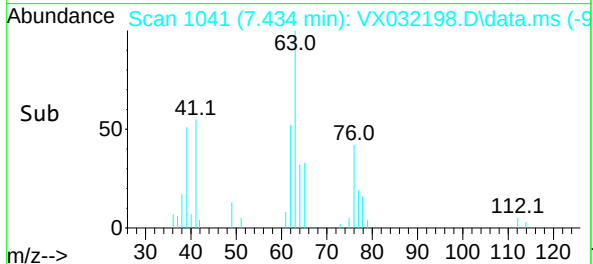
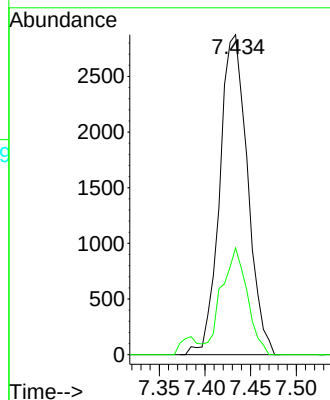
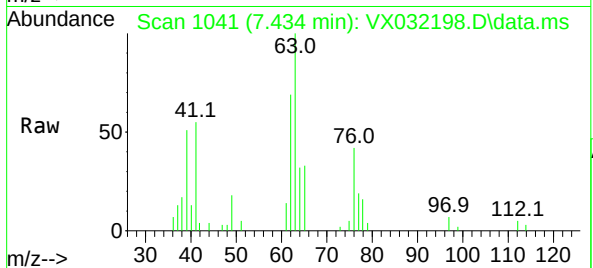
VSTDICC005

Tgt Ion: 63 Resp: 6091

Ion Ratio Lower Upper

63 100

65 33.4 23.8 35.8



#46

Dibromomethane

Concen: 4.656 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

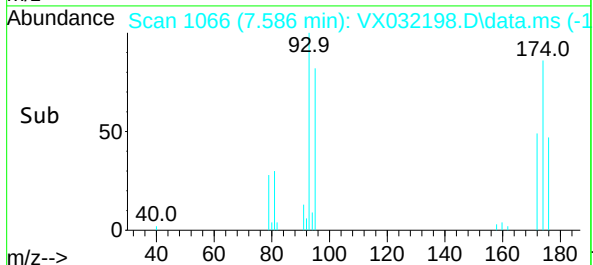
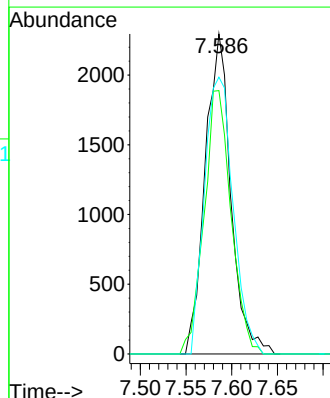
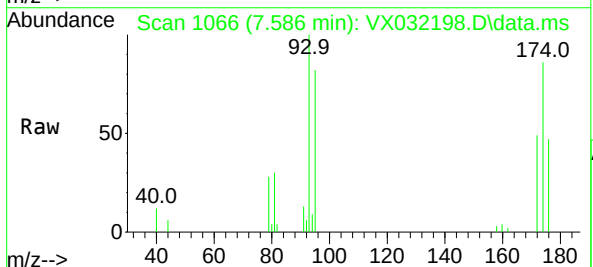
Tgt Ion: 93 Resp: 4487

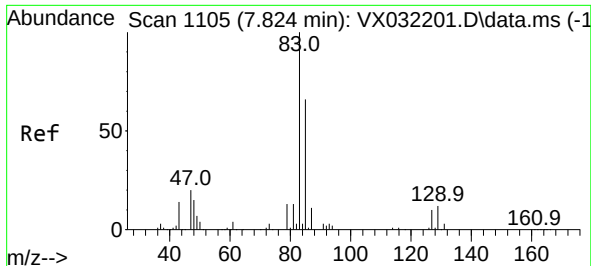
Ion Ratio Lower Upper

93 100

95 86.6 66.1 99.1

174 96.3 80.7 121.1

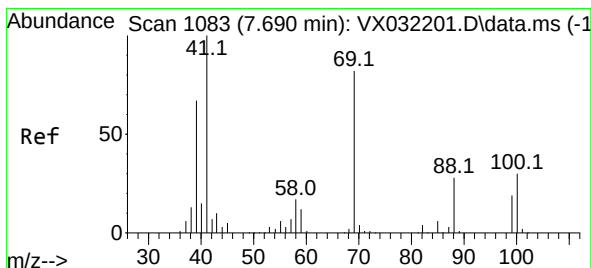
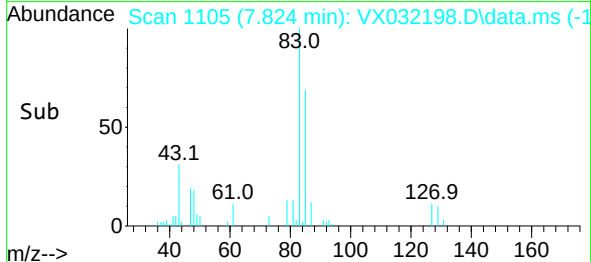
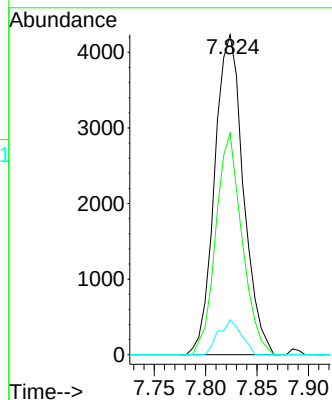
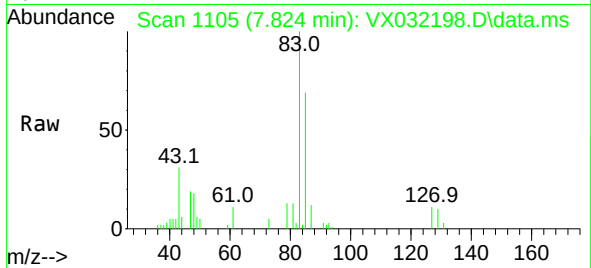




#47
Bromodichloromethane
Concen: 4.621 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

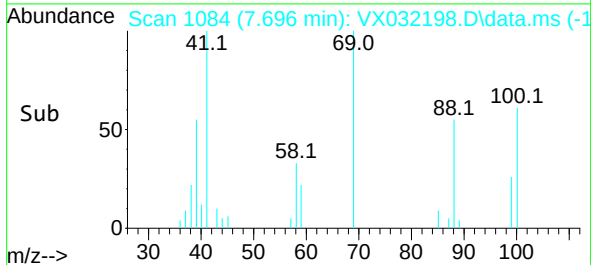
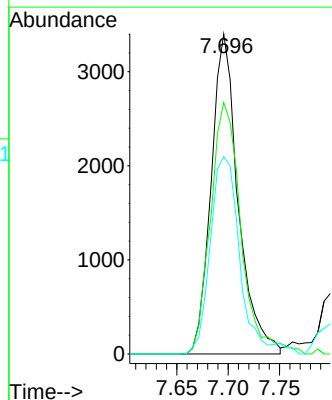
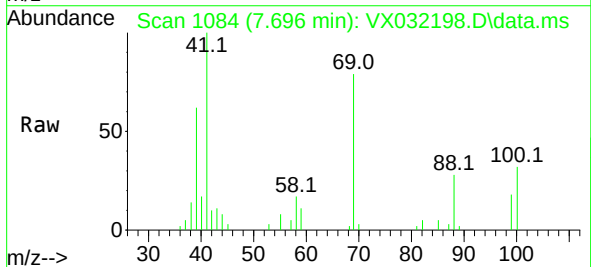
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

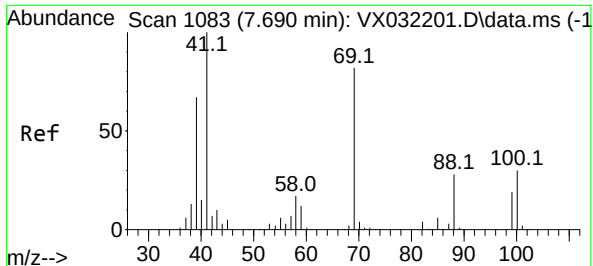
Tgt Ion: 83 Resp: 8227
Ion Ratio Lower Upper
83 100
85 69.2 53.0 79.6
127 10.9 7.8 11.8



#48
Methyl methacrylate
Concen: 4.592 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 41 Resp: 6220
Ion Ratio Lower Upper
41 100
69 88.4 67.3 100.9
39 67.6 53.8 80.8





#49

1,4-Dioxane

Concen: 105.579 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

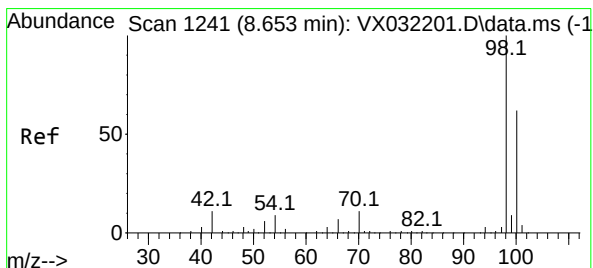
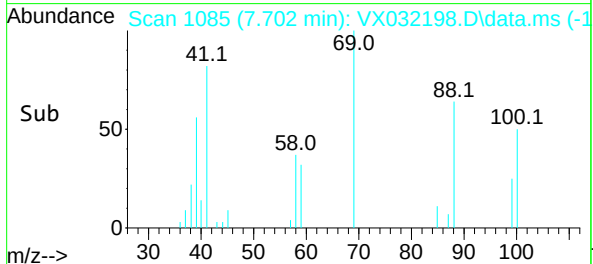
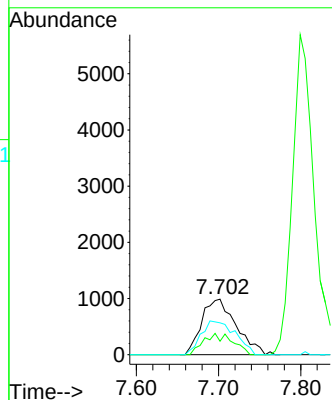
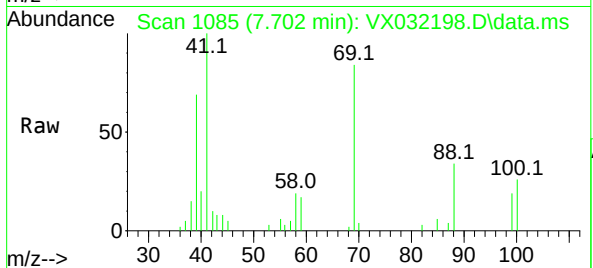
Tgt Ion: 88 Resp: 2870

Ion Ratio Lower Upper

88 100

43 32.5 26.9 40.3

58 60.1 50.7 76.1



#50

Toluene-d8

Concen: 5.024 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032198.D

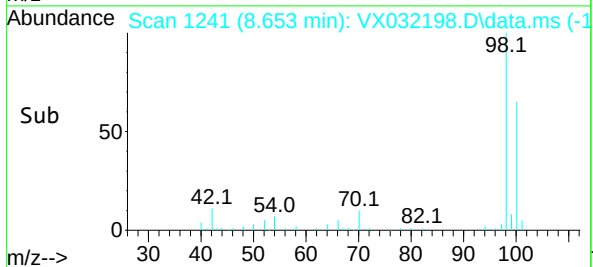
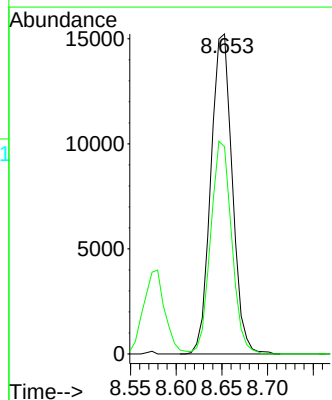
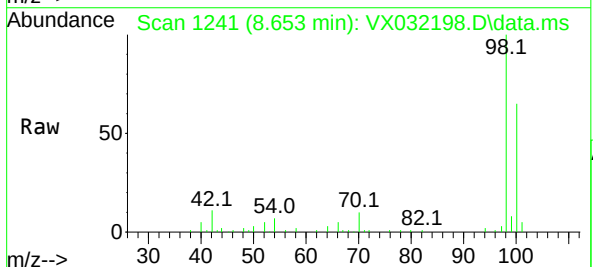
Acq: 19 Oct 2022 11:22

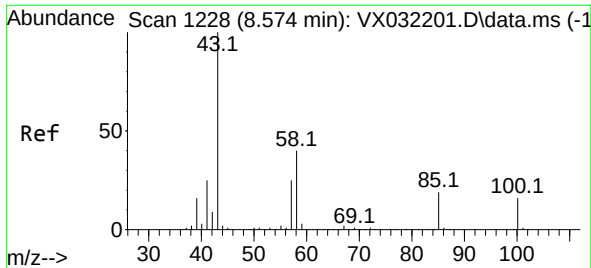
Tgt Ion: 98 Resp: 24846

Ion Ratio Lower Upper

98 100

100 65.2 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 23.993 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

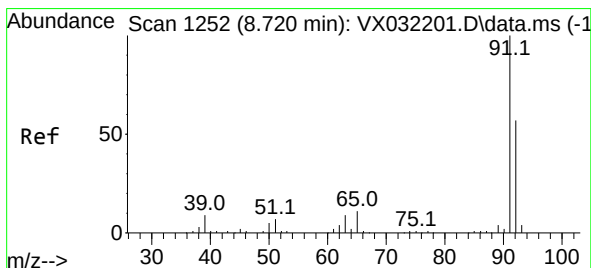
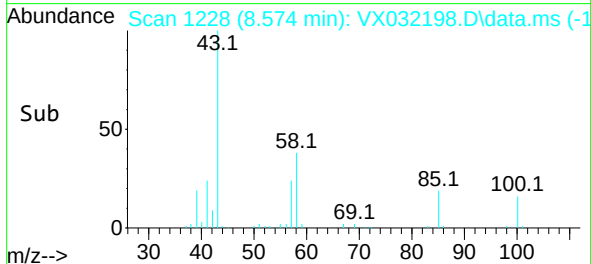
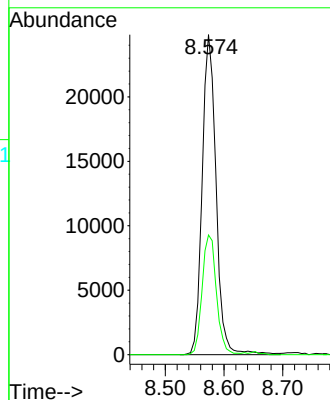
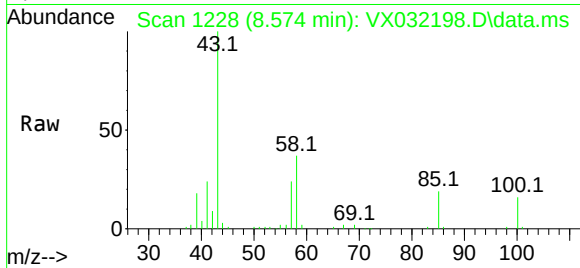
VSTDICC005

Tgt Ion: 43 Resp: 40847

Ion Ratio Lower Upper

43 100

58 38.4 31.0 46.4



#52

Toluene

Concen: 4.857 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032198.D

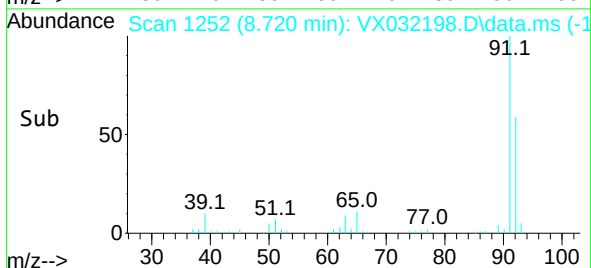
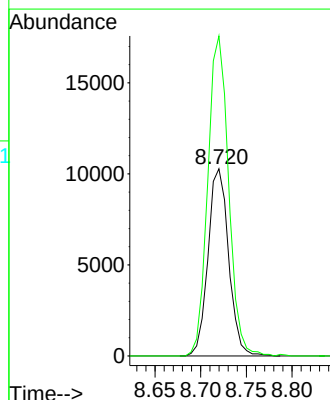
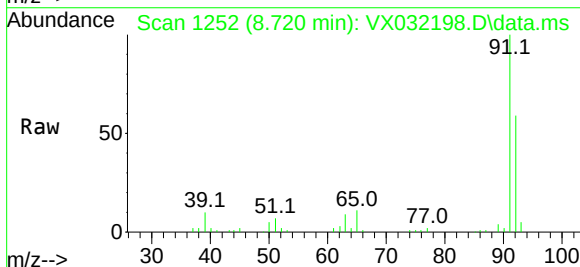
Acq: 19 Oct 2022 11:22

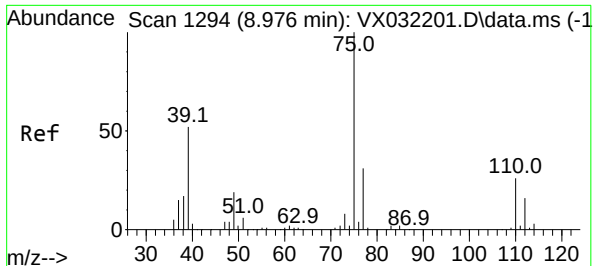
Tgt Ion: 92 Resp: 16117

Ion Ratio Lower Upper

92 100

91 172.1 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 4.101 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

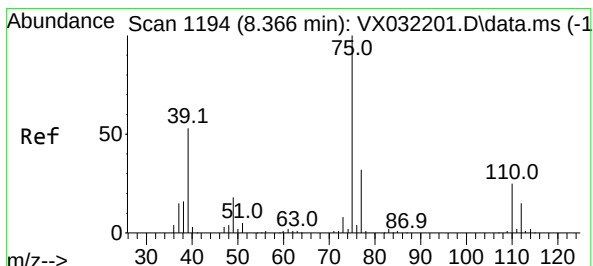
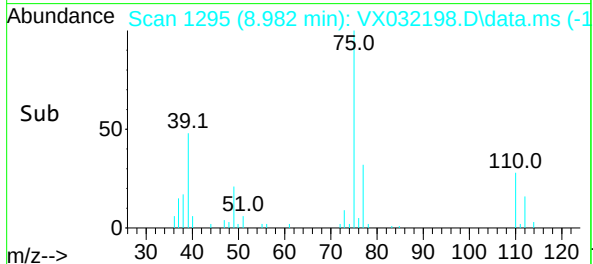
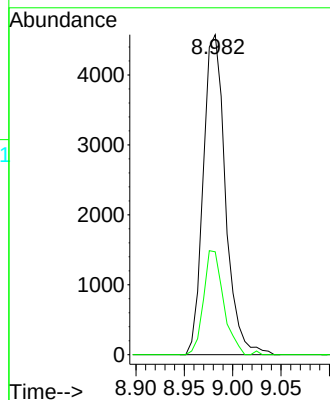
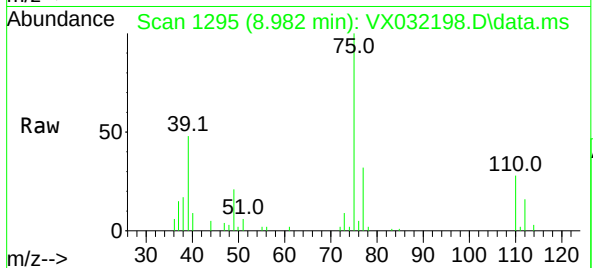
VSTDIC005

Tgt Ion: 75 Resp: 7308

Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 4.328 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

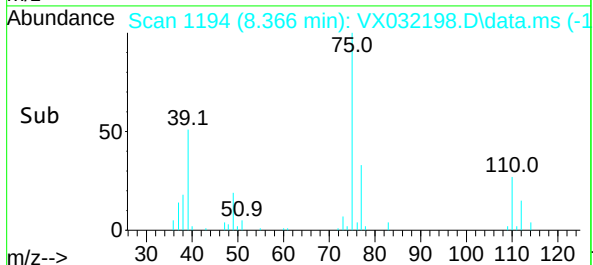
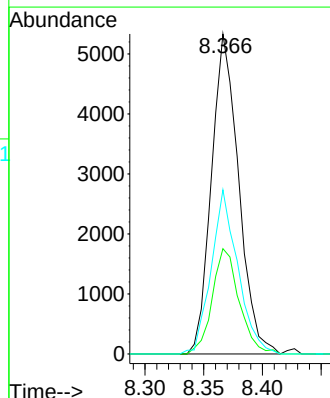
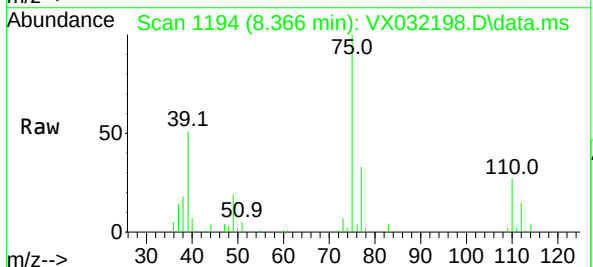
Tgt Ion: 75 Resp: 8585

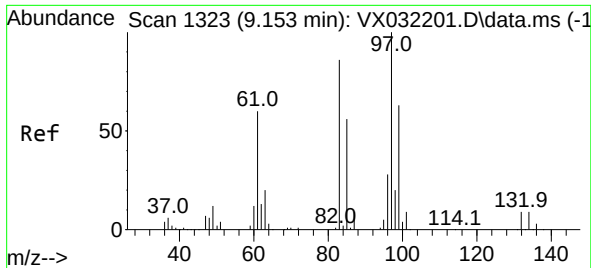
Ion Ratio Lower Upper

75 100

77 32.9 25.3 37.9

39 51.3 42.4 63.6

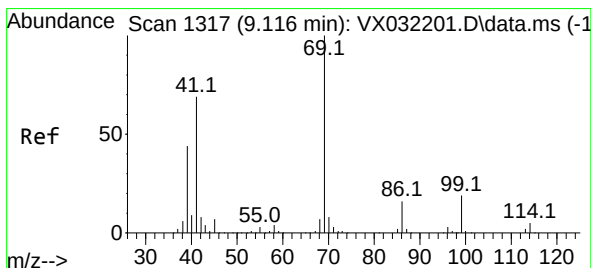
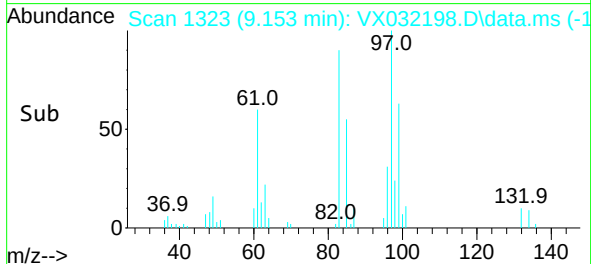
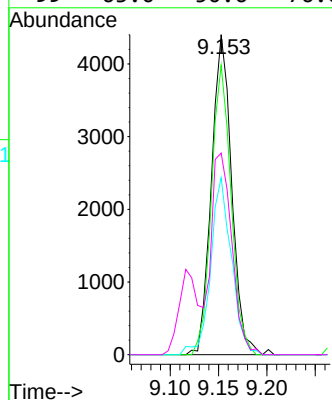
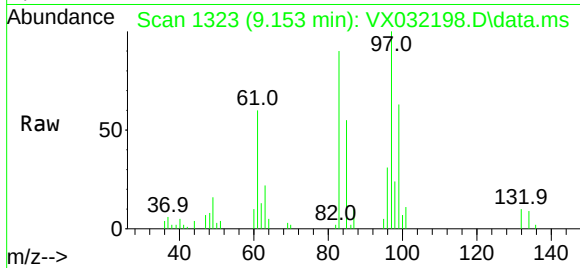




#55
1,1,2-Trichloroethane
Concen: 4.763 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

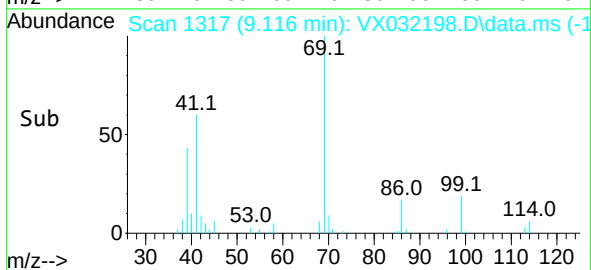
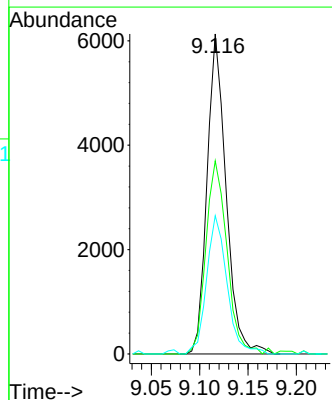
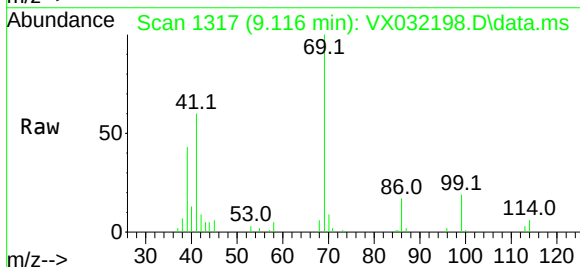
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

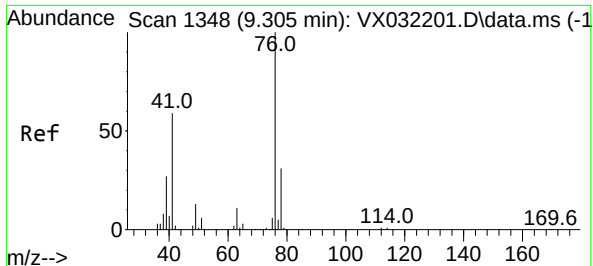
Tgt Ion: 97	Resp: 6421
Ion Ratio	Lower Upper
97 100	
83 90.4	68.8 103.2
85 55.3	44.7 67.1
99 63.0	50.6 76.0



#56
Ethyl methacrylate
Concen: 4.334 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 69	Resp: 8414
Ion Ratio	Lower Upper
69 100	
41 66.5	54.5 81.7
39 46.4	35.7 53.5





#57

1,3-Dichloropropane

Concen: 4.844 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

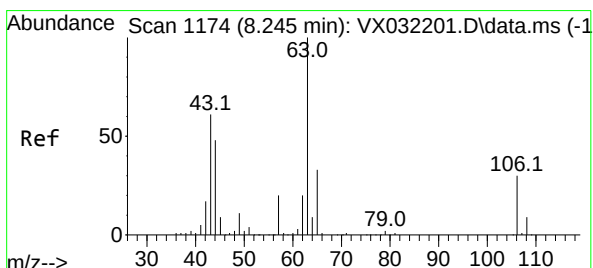
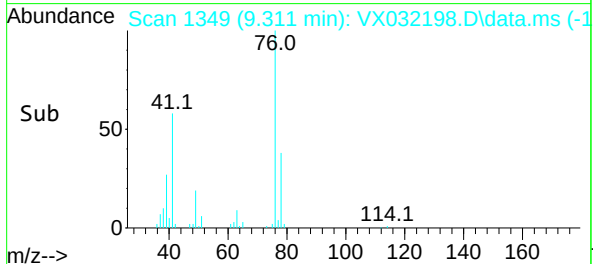
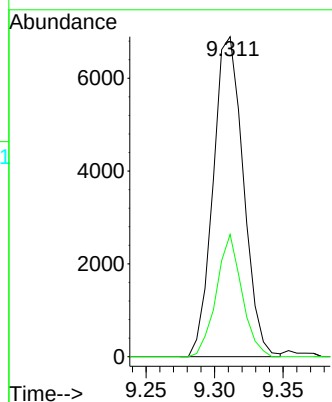
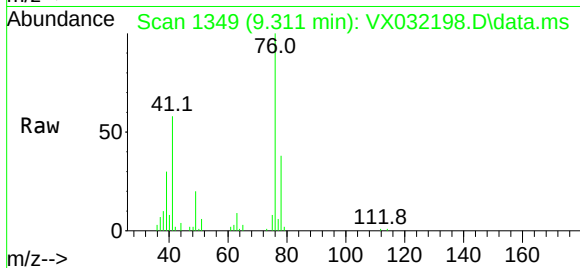
VSTDIC005

Tgt Ion: 76 Resp: 10576

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 25.744 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX032198.D

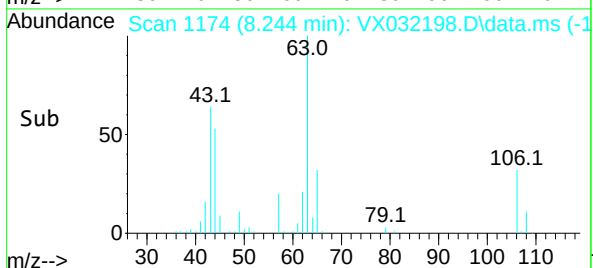
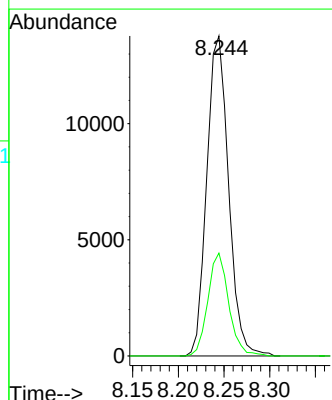
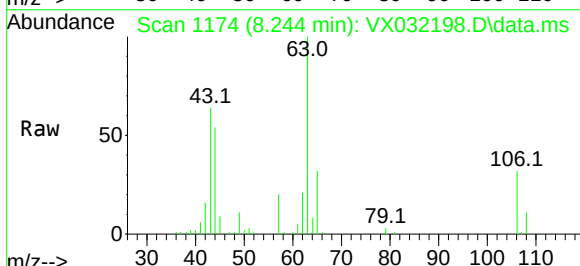
Acq: 19 Oct 2022 11:22

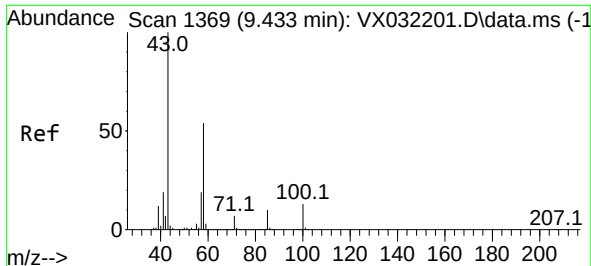
Tgt Ion: 63 Resp: 22908

Ion Ratio Lower Upper

63 100

106 30.8 23.6 35.4

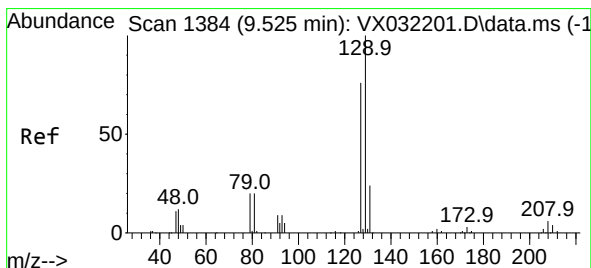
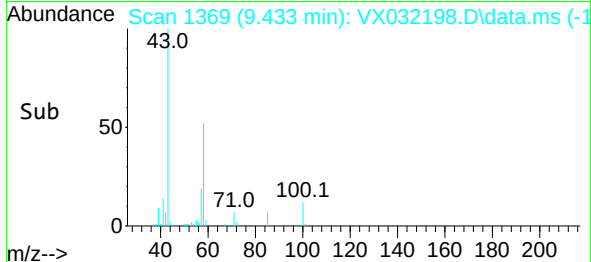
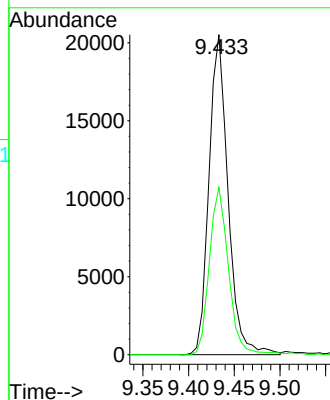
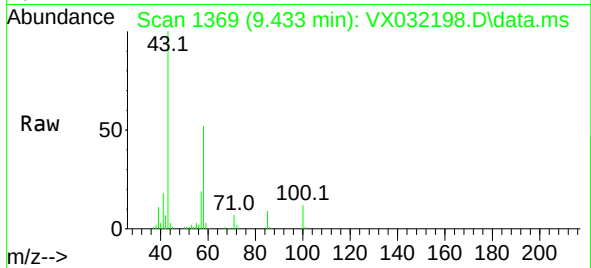




#59
2-Hexanone
Concen: 23.339 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

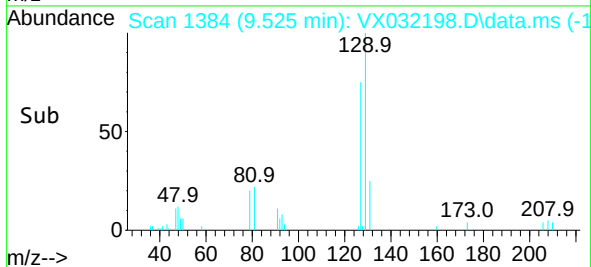
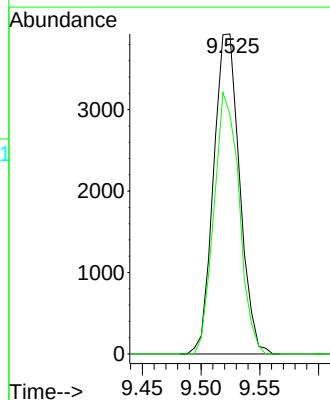
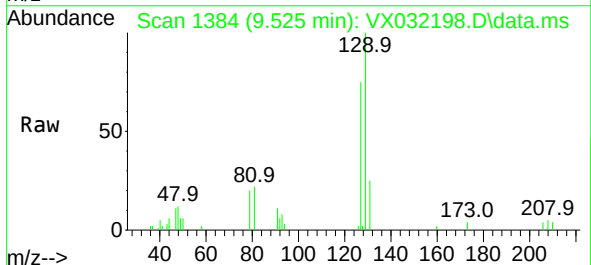
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

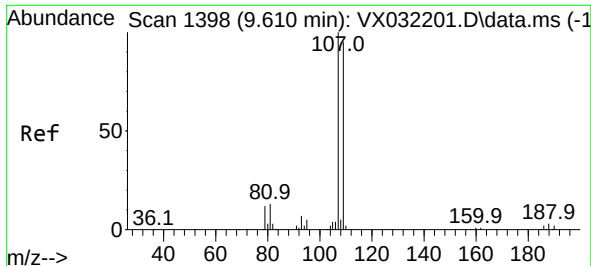
Tgt Ion: 43 Resp: 29648
Ion Ratio Lower Upper
43 100
58 52.4 26.7 80.1



#60
Dibromochloromethane
Concen: 4.383 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 129 Resp: 6055
Ion Ratio Lower Upper
129 100
127 79.0 38.4 115.2

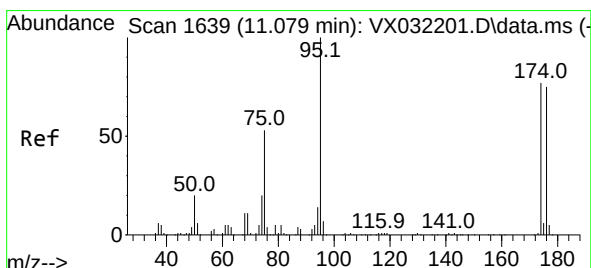
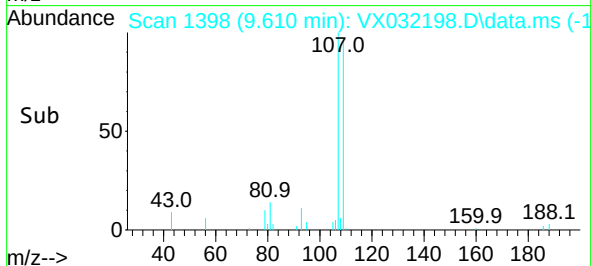
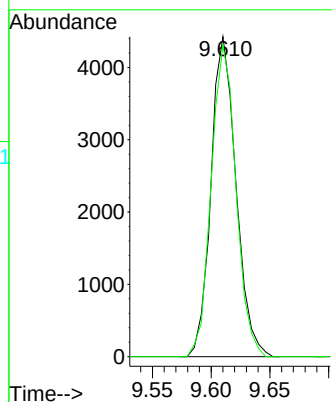
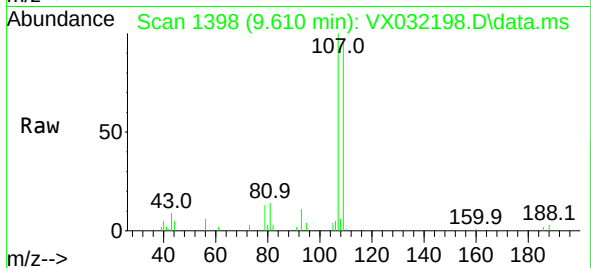




#61
1,2-Dibromoethane
Concen: 4.584 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

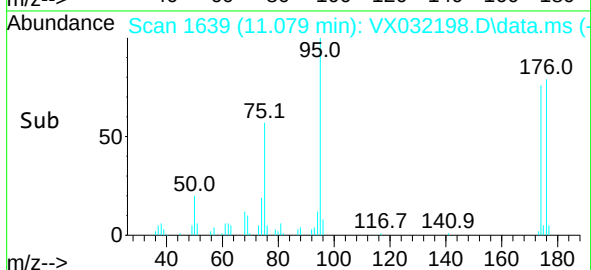
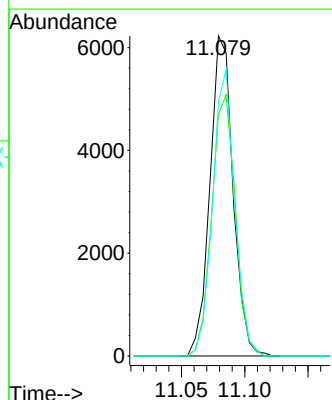
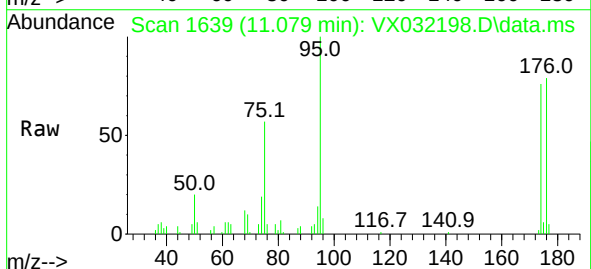
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

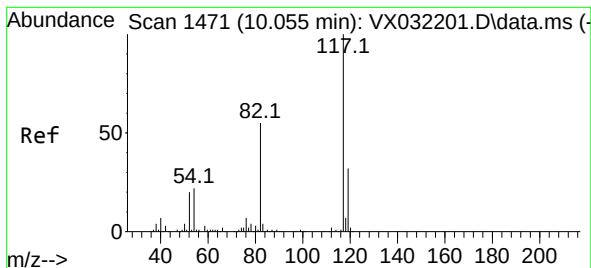
Tgt Ion:107 Resp: 6550
Ion Ratio Lower Upper
107 100
109 96.5 76.5 114.7



#62
4-Bromofluorobenzene
Concen: 4.368 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 95 Resp: 7911
Ion Ratio Lower Upper
95 100
174 83.3 0.0 166.8
176 85.3 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

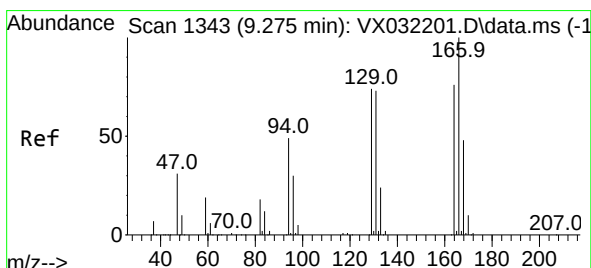
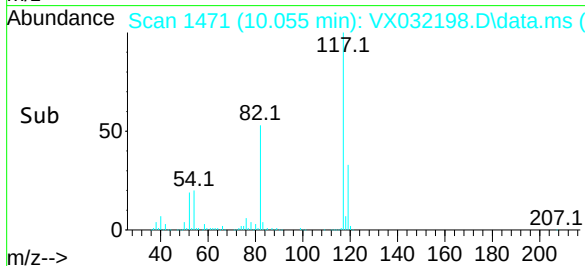
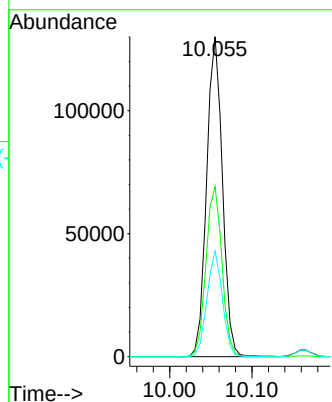
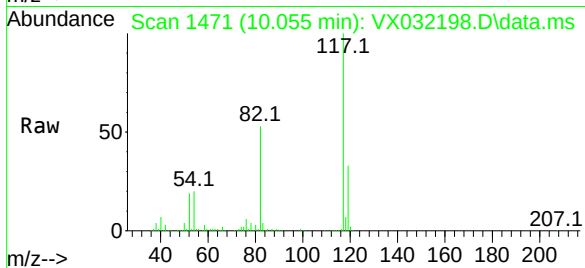
Tgt Ion:117 Resp: 173469

Ion Ratio Lower Upper

117 100

82 53.2 44.2 66.4

119 33.0 25.8 38.8



#64

Tetrachloroethene

Concen: 5.205 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Tgt Ion:164 Resp: 5962

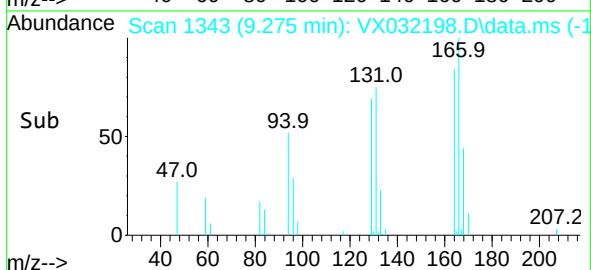
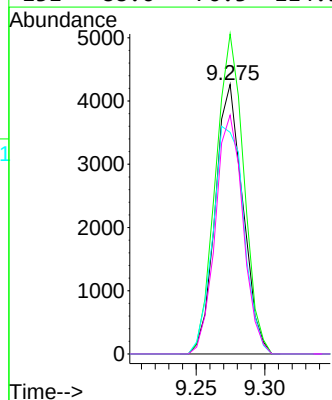
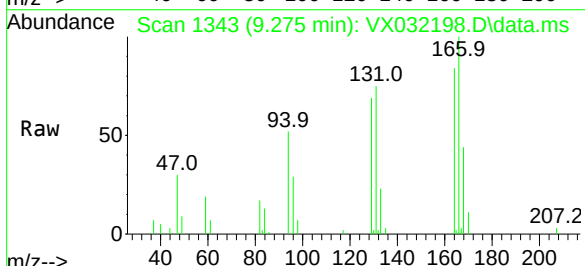
Ion Ratio Lower Upper

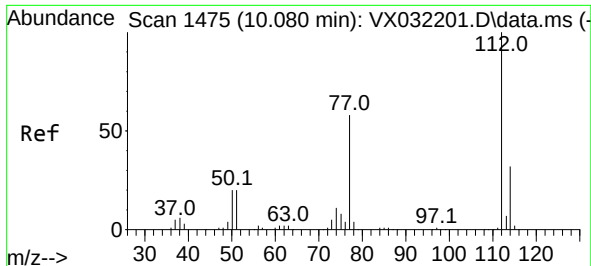
164 100

166 118.7 104.9 157.3

129 82.2 77.8 116.6

131 88.6 76.3 114.5





#65

Chlorobenzene

Concen: 4.967 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.001 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

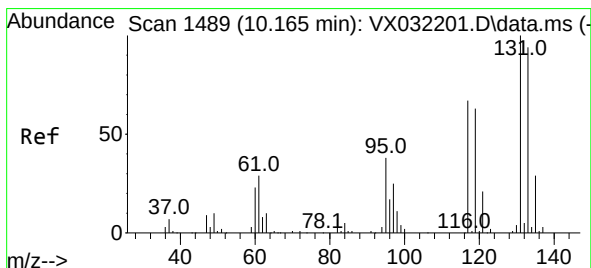
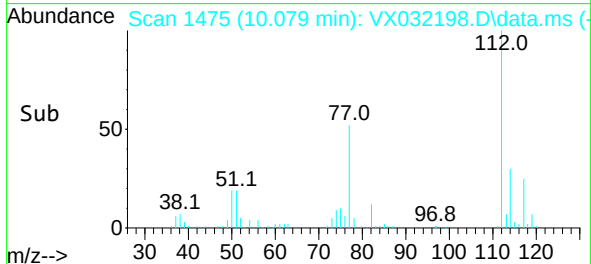
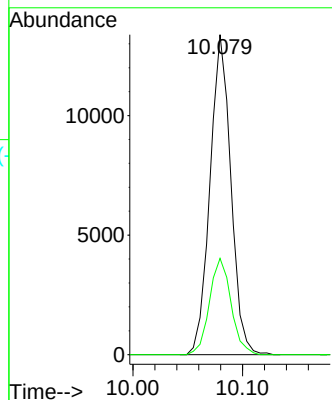
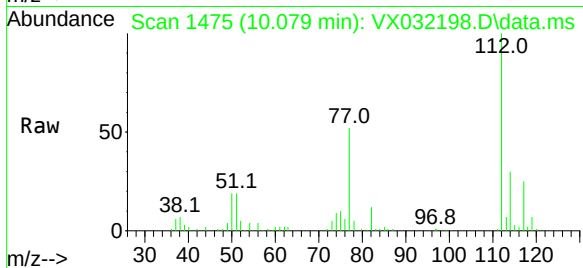
VSTDICC005

Tgt Ion:112 Resp: 17667

Ion Ratio Lower Upper

112 100

114 30.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 4.655 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

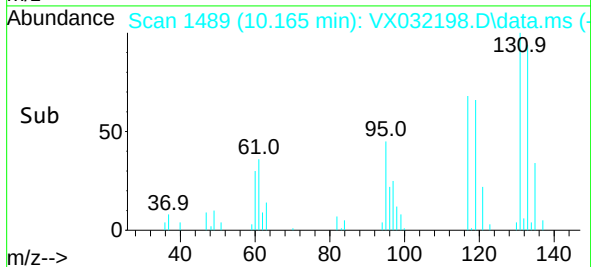
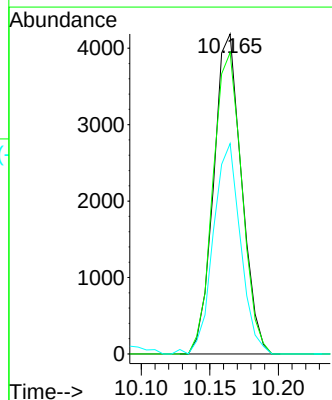
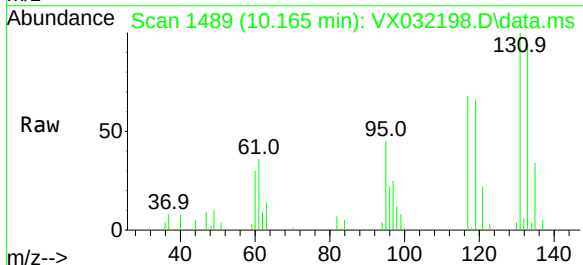
Tgt Ion:131 Resp: 5924

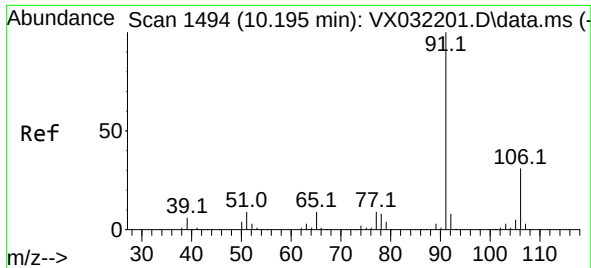
Ion Ratio Lower Upper

131 100

133 97.4 47.6 142.8

119 64.3 31.7 95.1





#67

Ethyl Benzene

Concen: 4.770 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

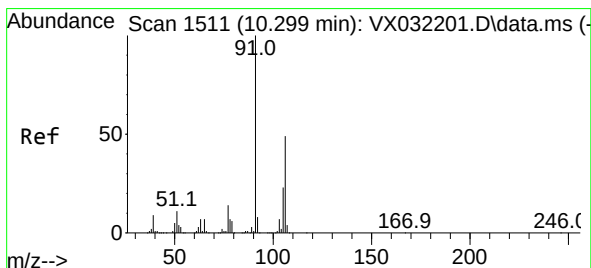
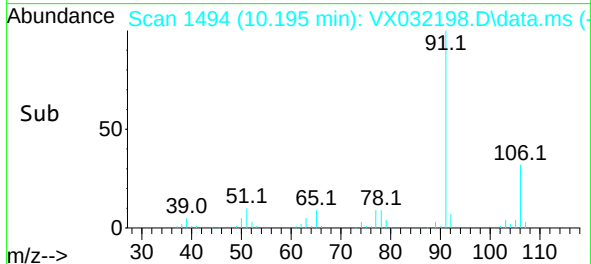
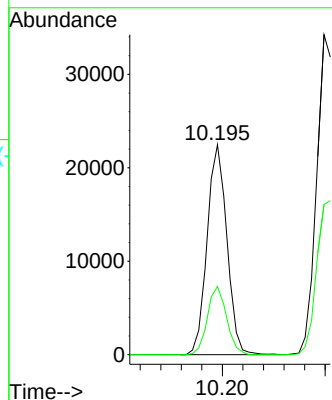
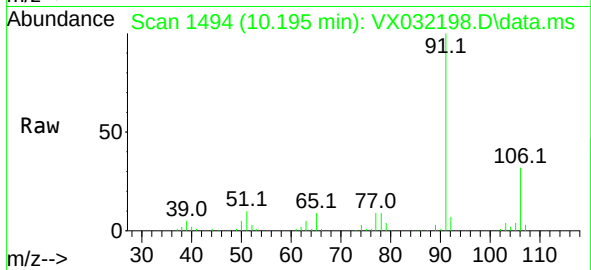
VSTDIC005

Tgt Ion: 91 Resp: 30037

Ion Ratio Lower Upper

91 100

106 32.5 25.0 37.4



#68

m/p-Xylenes

Concen: 9.417 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX032198.D

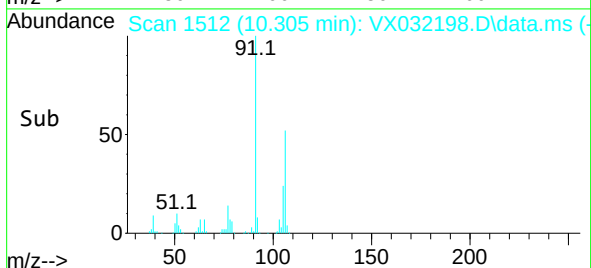
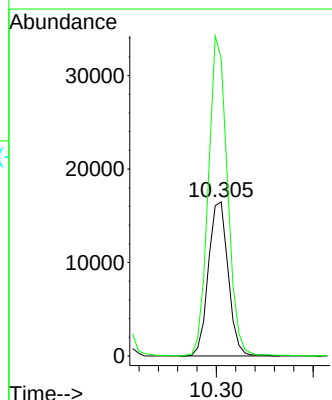
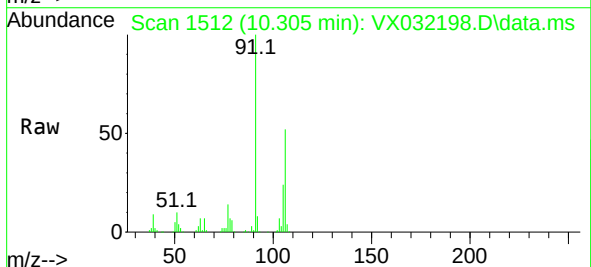
Acq: 19 Oct 2022 11:22

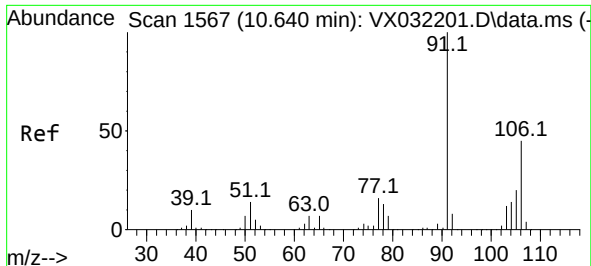
Tgt Ion: 106 Resp: 23418

Ion Ratio Lower Upper

106 100

91 201.2 162.6 244.0

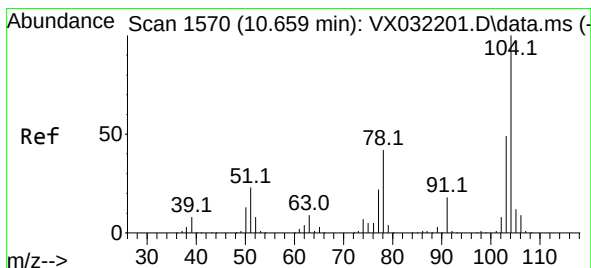
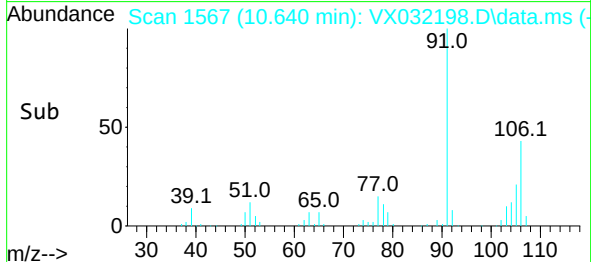
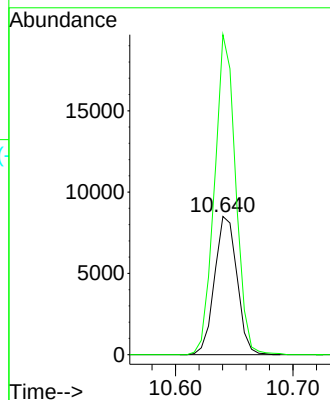
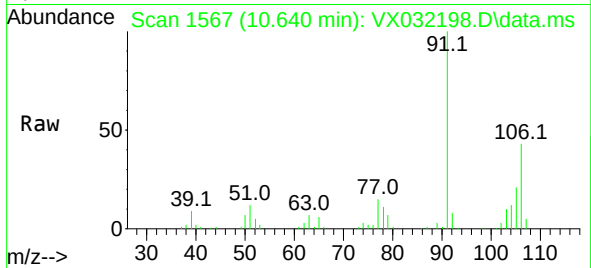




#69
o-Xylene
Concen: 4.735 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

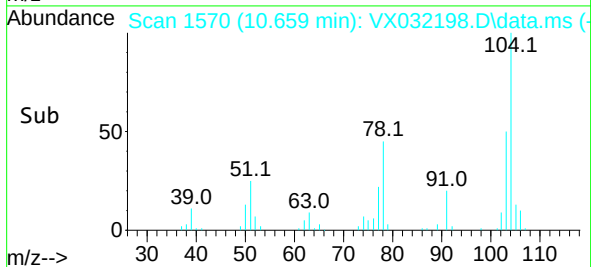
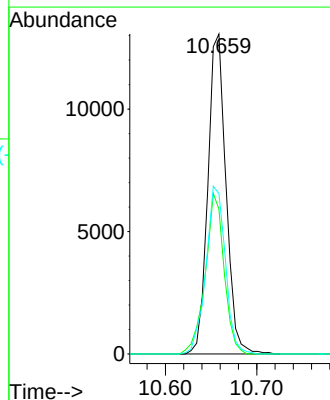
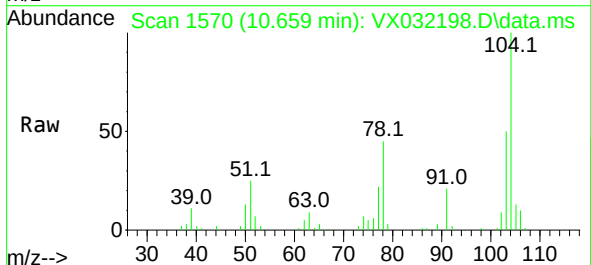
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

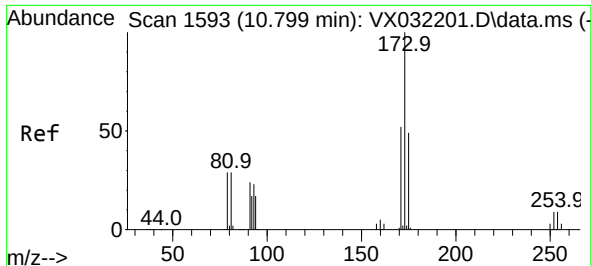
Tgt Ion:106 Resp: 11280
Ion Ratio Lower Upper
106 100
91 218.4 108.3 324.9



#70
Styrene
Concen: 4.472 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:104 Resp: 17964
Ion Ratio Lower Upper
104 100
78 52.1 40.8 61.2
103 56.5 44.2 66.2

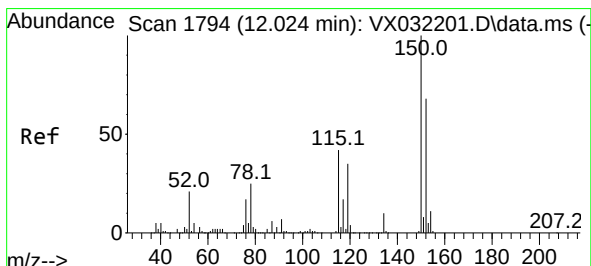
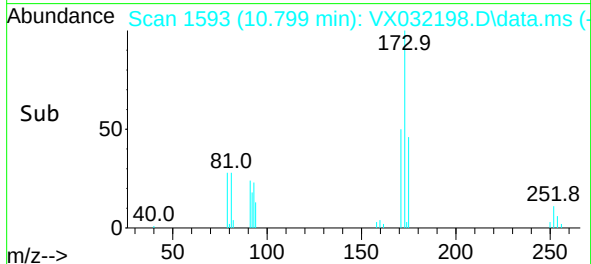
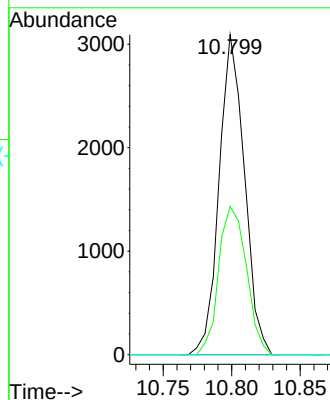
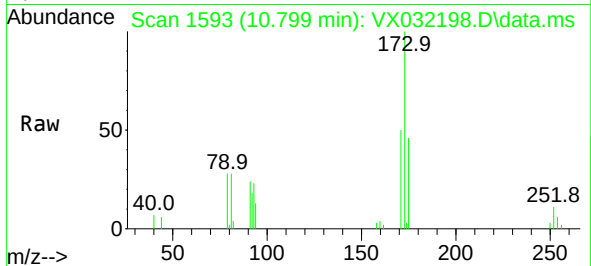




#71
Bromoform
Concen: 4.112 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

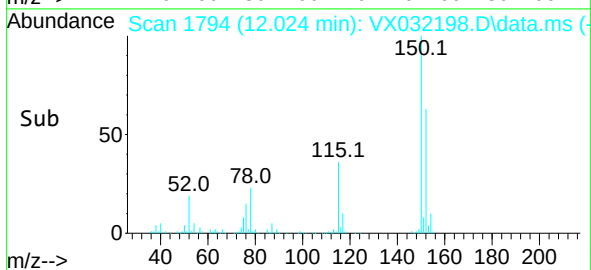
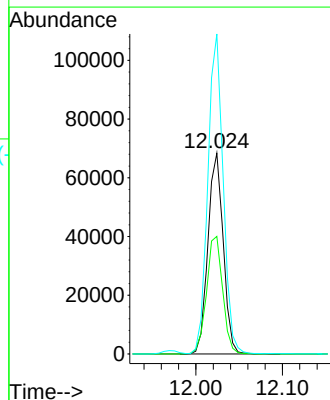
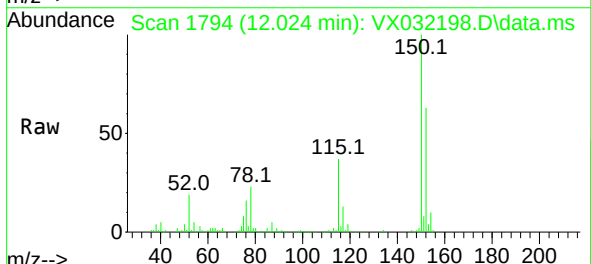
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

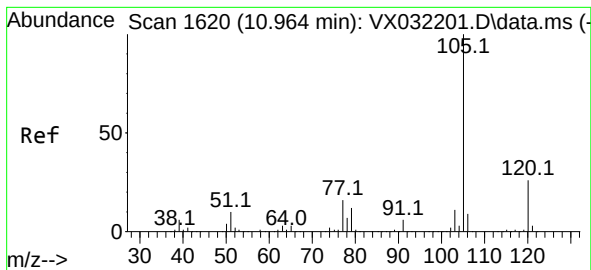
Tgt Ion:173 Resp: 3964
Ion Ratio Lower Upper
173 100
175 50.8 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:152 Resp: 83912
Ion Ratio Lower Upper
152 100
115 61.7 43.1 129.4
150 159.0 0.0 348.6





#73

Isopropylbenzene

Concen: 5.047 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

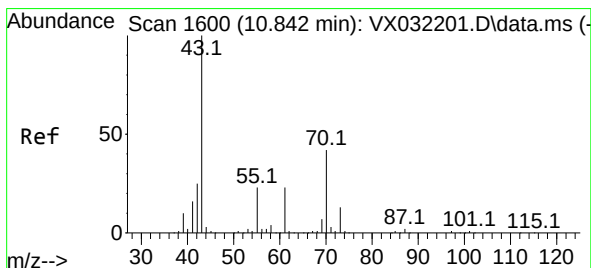
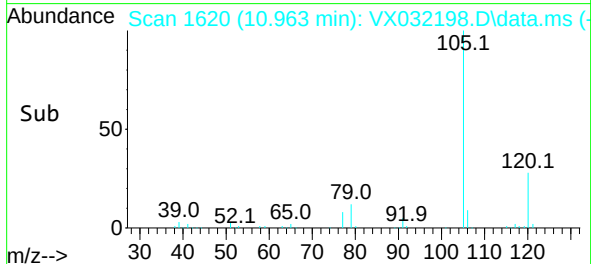
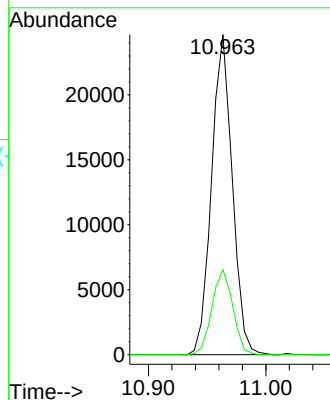
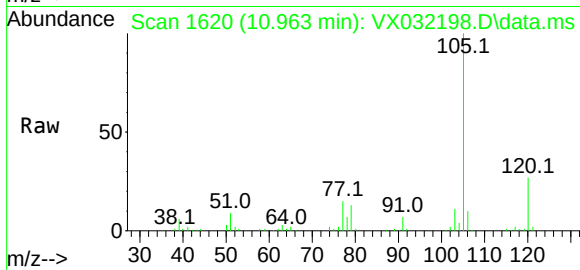
VSTDIC005

Tgt Ion:105 Resp: 30216

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 4.664 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Tgt Ion: 43 Resp: 10317

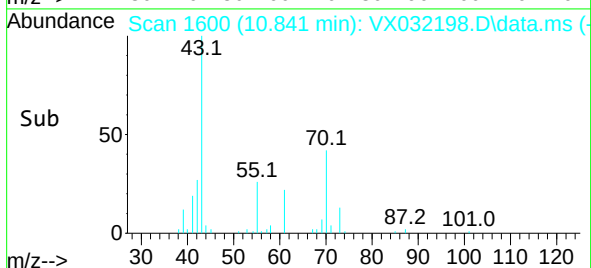
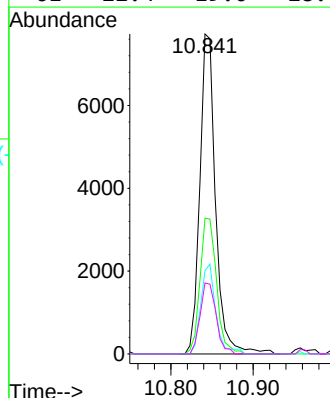
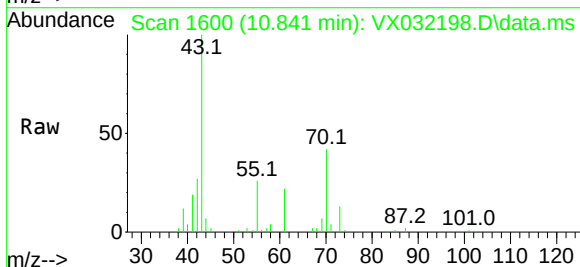
Ion Ratio Lower Upper

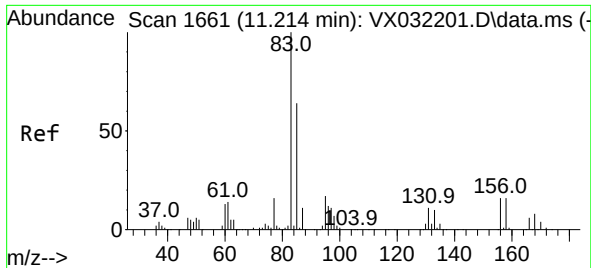
43 100

70 44.4 33.9 50.9

55 26.9 19.1 28.7

61 22.4 19.0 28.4

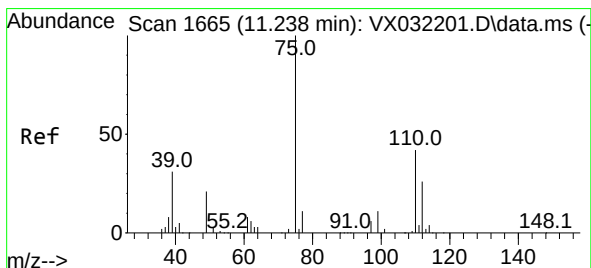
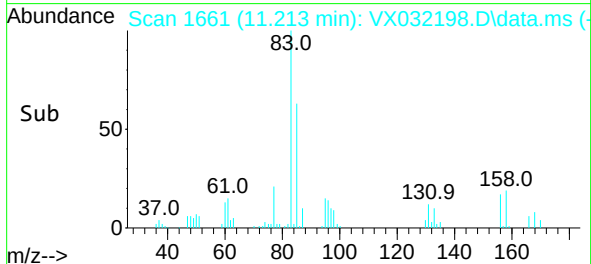
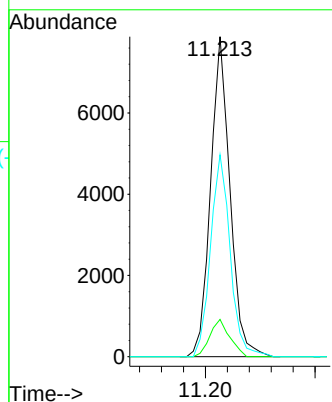
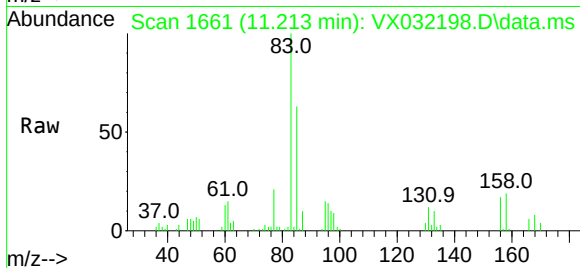




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.021 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.001 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

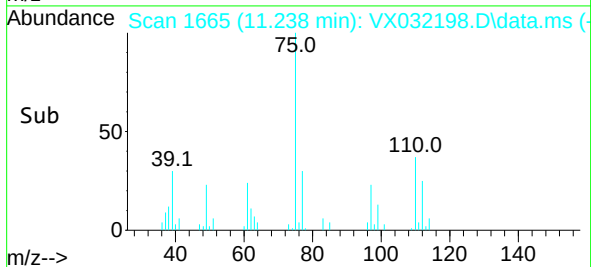
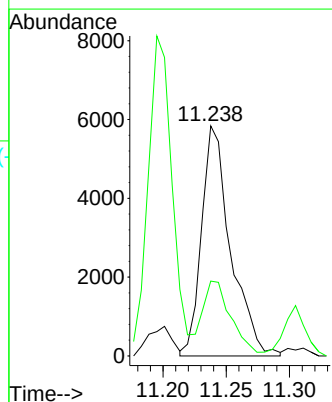
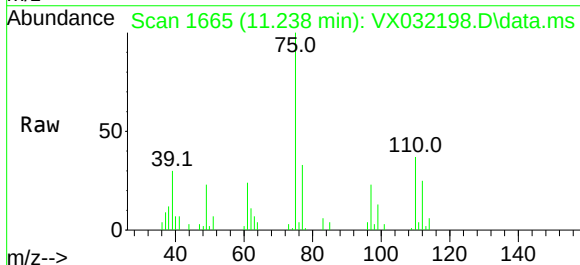
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

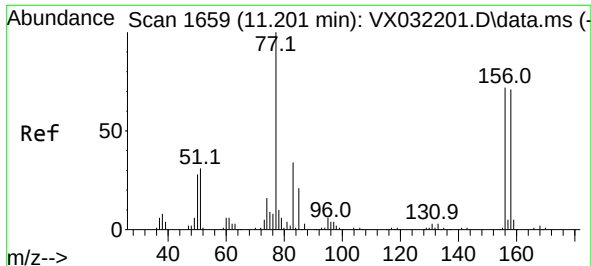
Tgt Ion: 83 Resp: 9665
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.2 15.6
 85 64.1 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 5.625 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

Tgt Ion: 75 Resp: 9353
 Ion Ratio Lower Upper
 75 100
 77 30.8 16.0 47.9

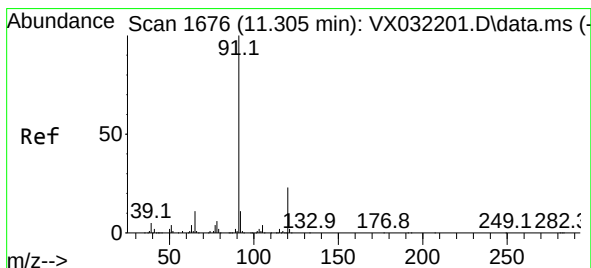
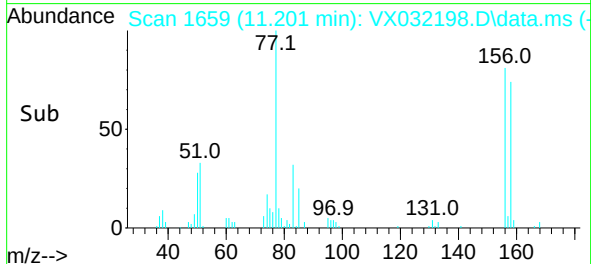
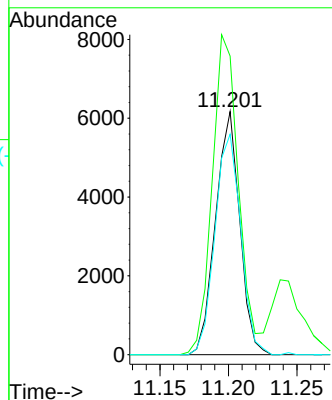
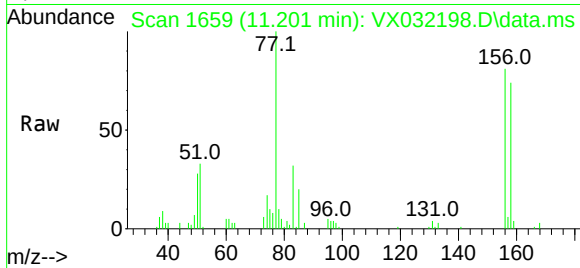




#77
Bromobenzene
Concen: 5.157 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

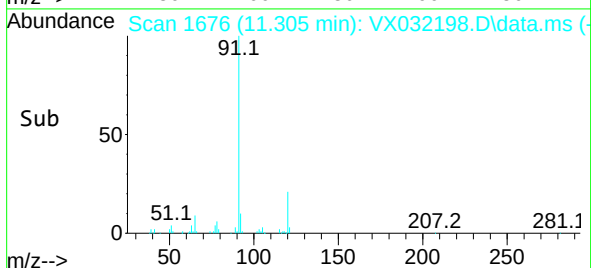
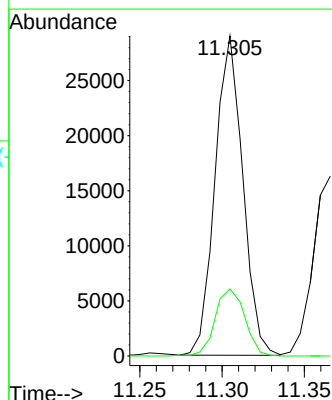
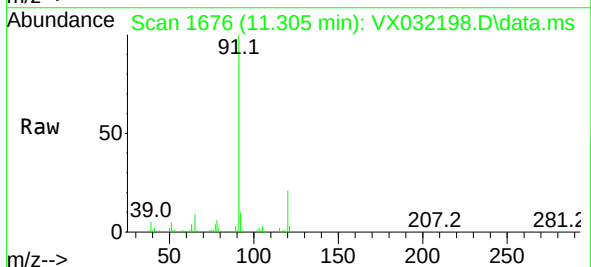
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

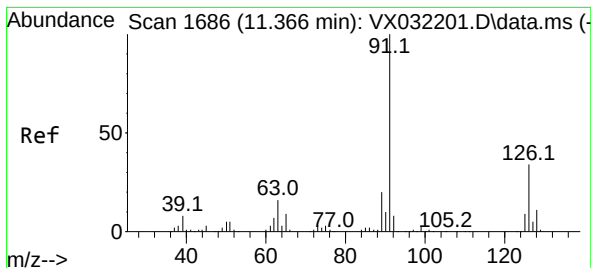
Tgt Ion:156 Resp: 7568
Ion Ratio Lower Upper
156 100
77 141.2 75.5 226.5
158 96.8 49.0 147.0



#78
n-propylbenzene
Concen: 4.951 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 91 Resp: 33941
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 5.023 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

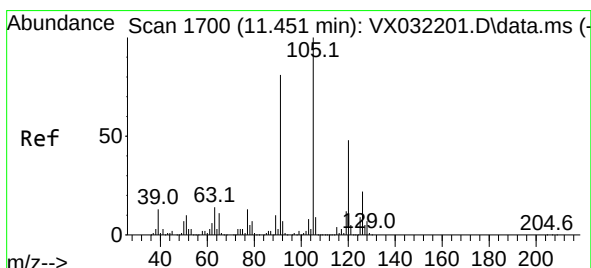
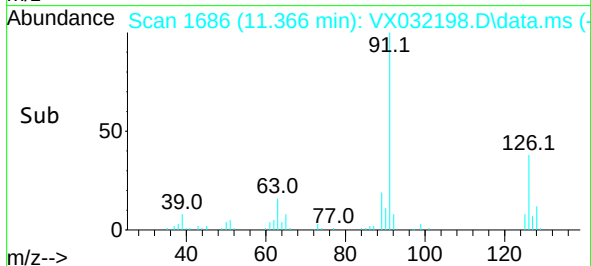
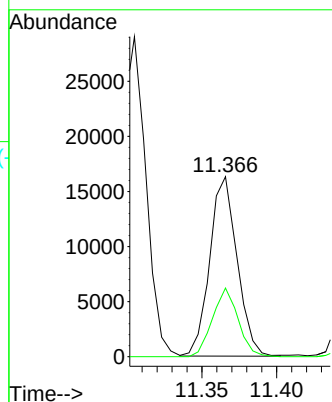
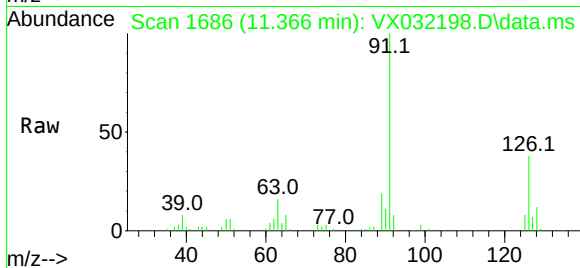
VSTDIC005

Tgt Ion: 91 Resp: 20754

Ion Ratio Lower Upper

91 100

126 35.8 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 4.890 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032198.D

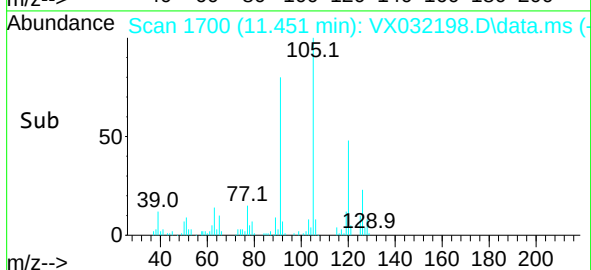
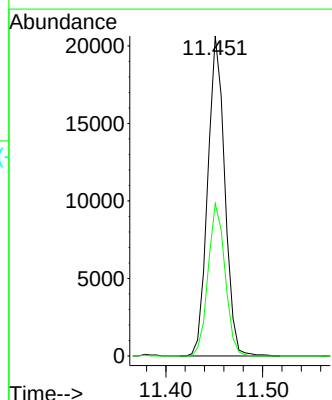
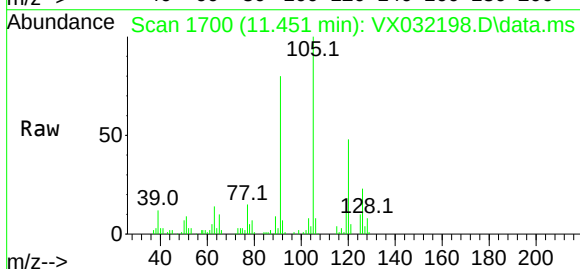
Acq: 19 Oct 2022 11:22

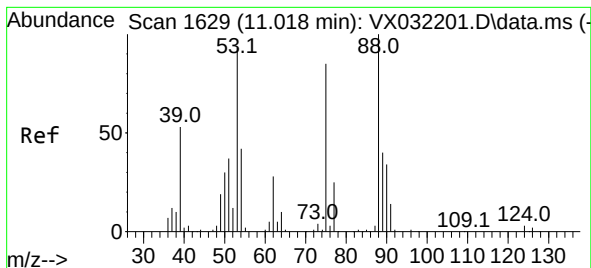
Tgt Ion: 105 Resp: 25288

Ion Ratio Lower Upper

105 100

120 47.3 23.5 70.6

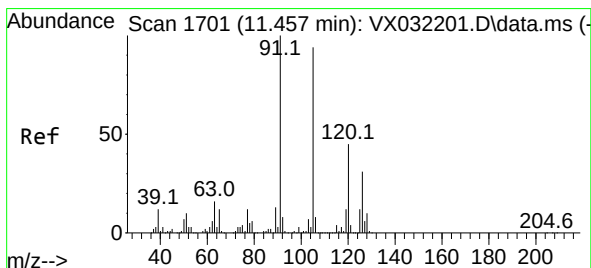
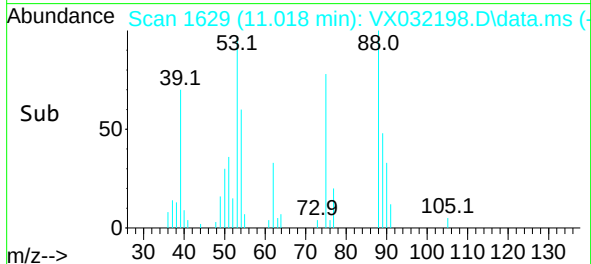
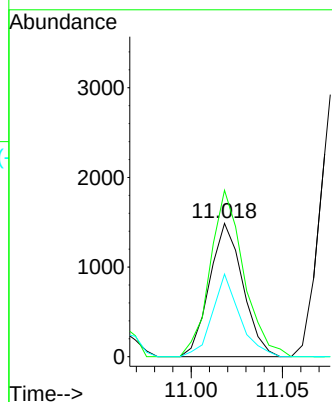
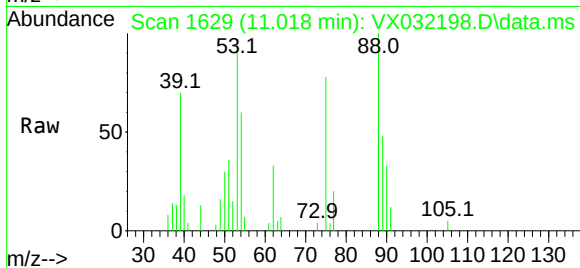




#81
trans-1,4-Dichloro-2-butene
Concen: 3.864 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

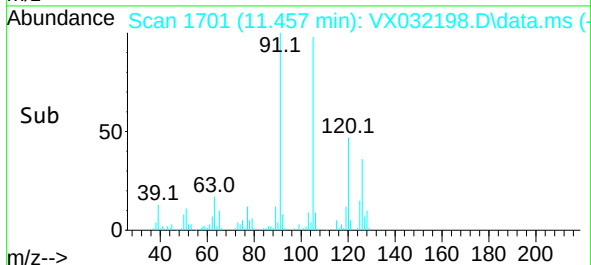
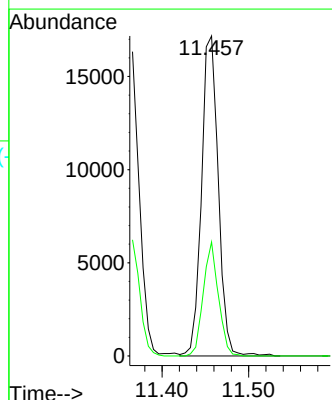
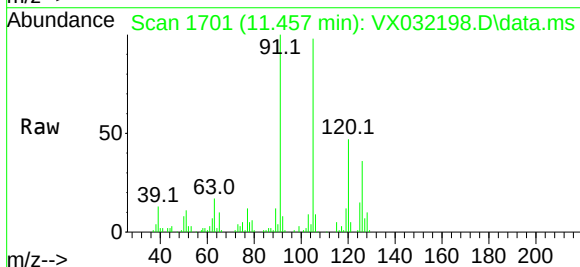
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

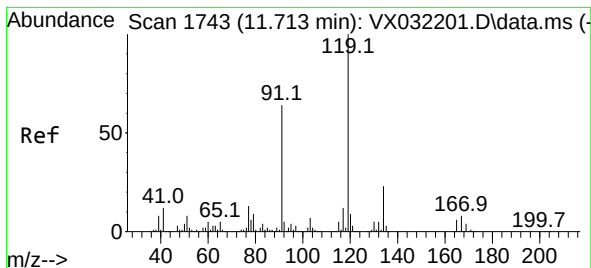
Tgt Ion: 75 Resp: 1889
Ion Ratio Lower Upper
75 100
53 125.7 87.8 131.8
89 51.0 37.8 56.8



#82
4-Chlorotoluene
Concen: 4.805 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 91 Resp: 23117
Ion Ratio Lower Upper
91 100
126 32.1 14.9 44.5





#83

tert-Butylbenzene

Concen: 4.865 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

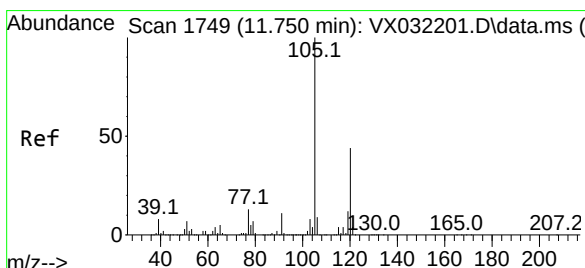
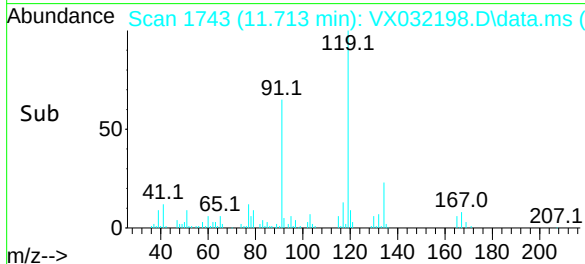
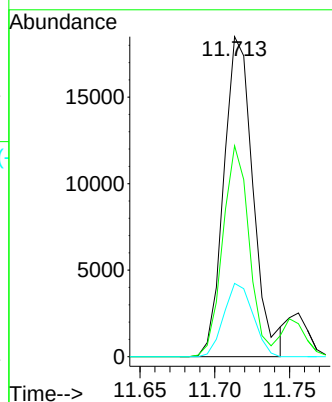
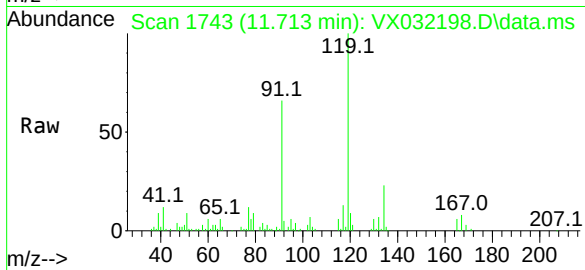
Tgt Ion:119 Resp: 25175

Ion Ratio Lower Upper

119 100

91 59.6 29.1 87.3

134 22.9 11.3 33.8



#84

1,2,4-Trimethylbenzene

Concen: 5.100 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX032198.D

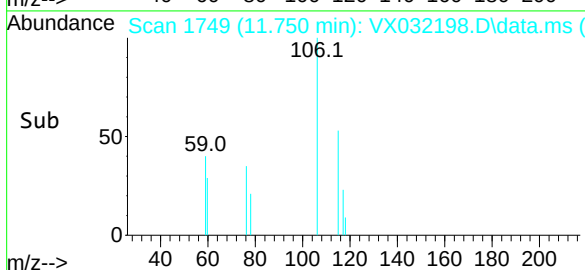
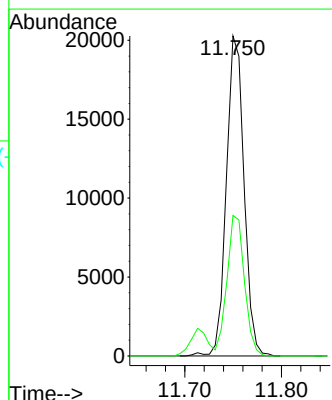
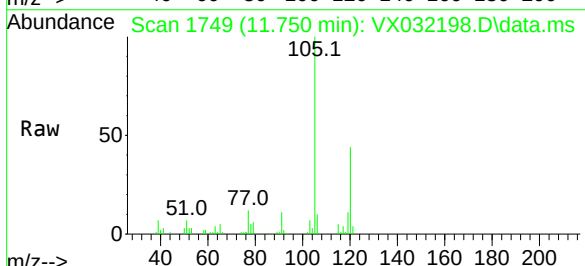
Acq: 19 Oct 2022 11:22

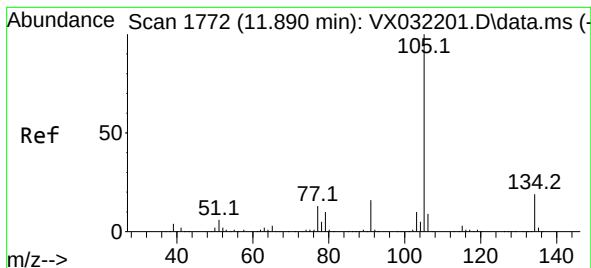
Tgt Ion:105 Resp: 25642

Ion Ratio Lower Upper

105 100

120 43.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 4.977 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

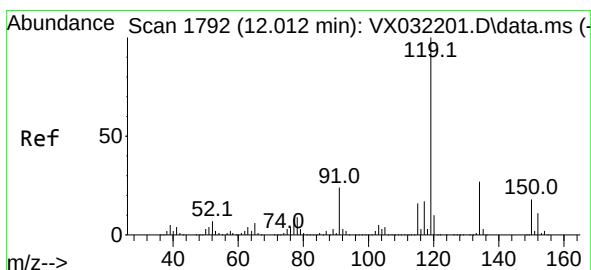
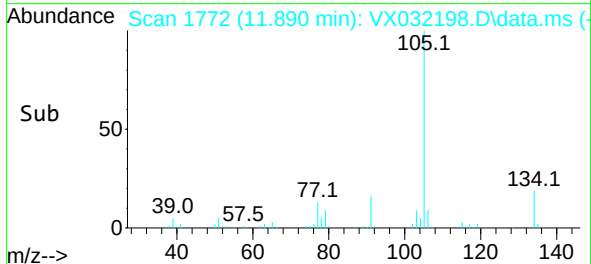
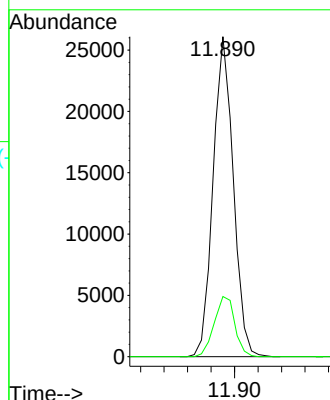
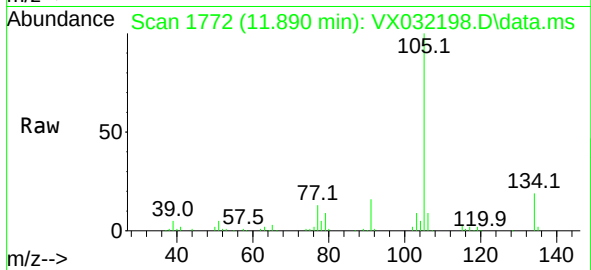
VSTDIC005

Tgt Ion:105 Resp: 31124

Ion Ratio Lower Upper

105 100

134 19.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 4.923 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

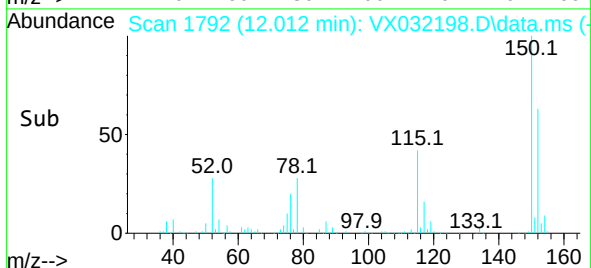
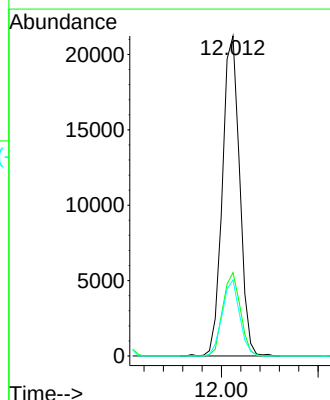
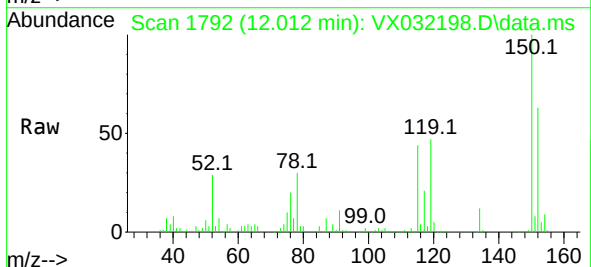
Tgt Ion:119 Resp: 26193

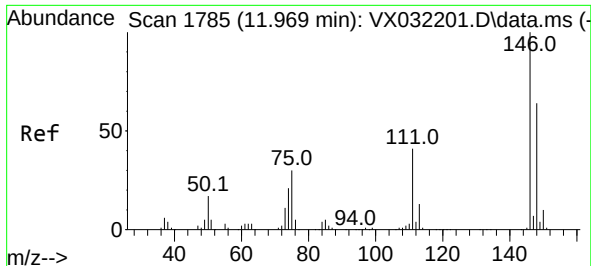
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 24.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.981 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

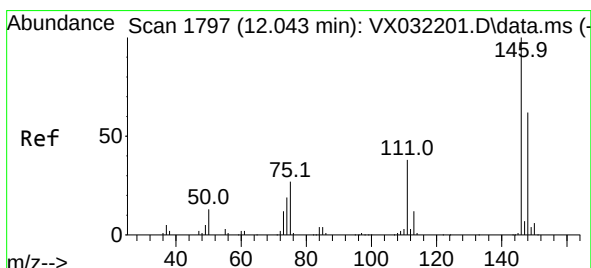
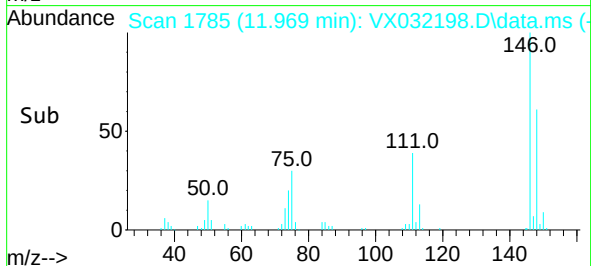
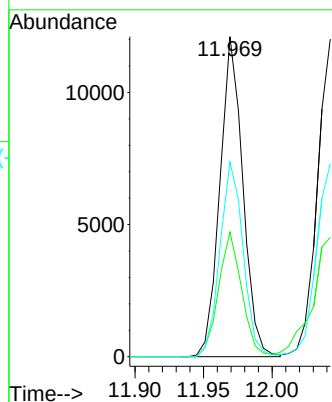
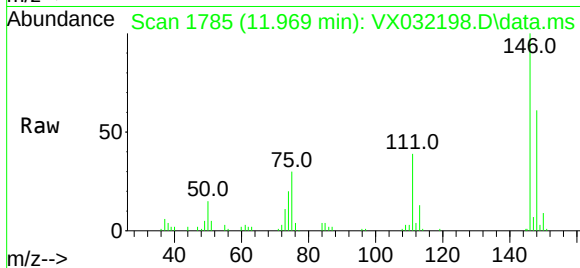
Tgt Ion:146 Resp: 14071

Ion Ratio Lower Upper

146 100

111 39.3 20.3 61.0

148 61.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 5.056 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

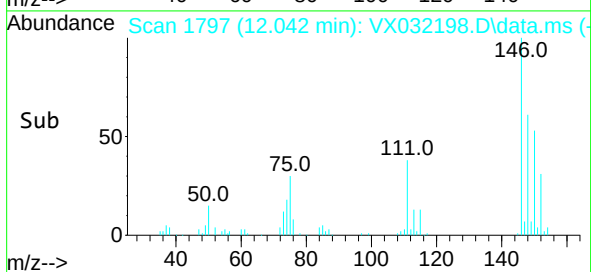
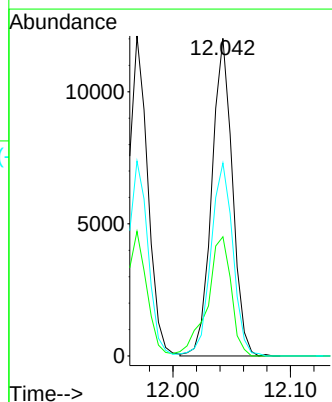
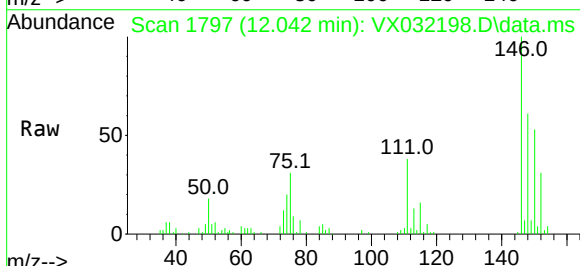
Tgt Ion:146 Resp: 14672

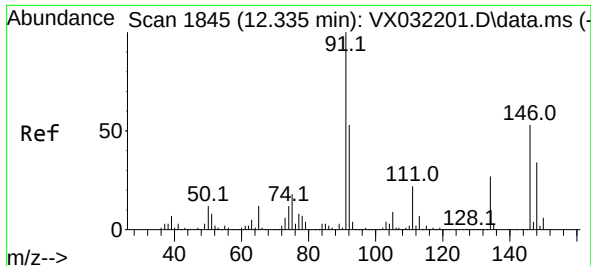
Ion Ratio Lower Upper

146 100

111 43.3 19.8 59.4

148 65.0 31.9 95.9





#89

n-Butylbenzene

Concen: 4.584 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

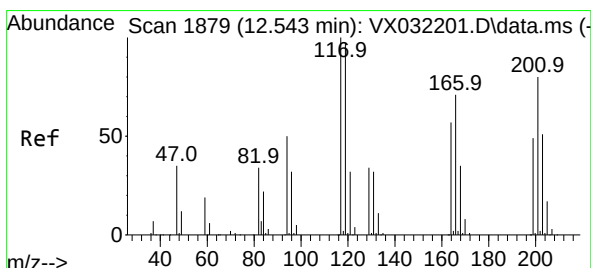
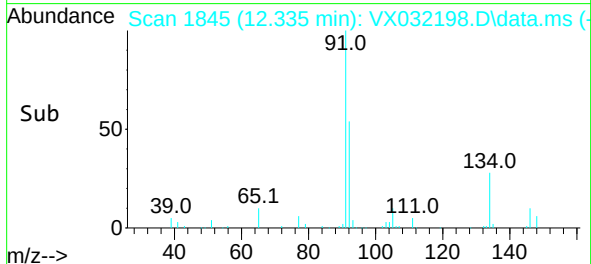
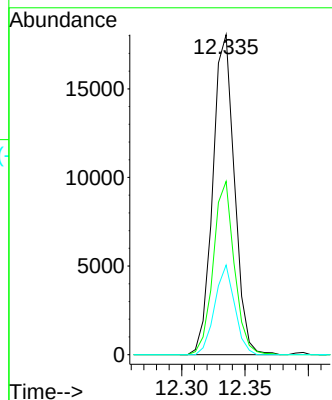
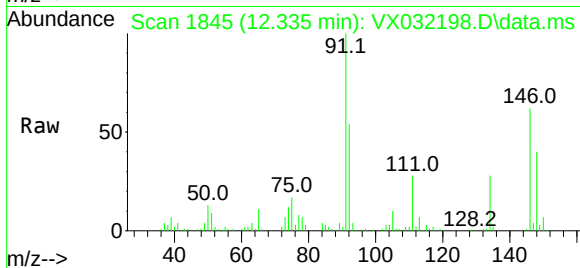
Tgt Ion: 91 Resp: 21485

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.9

134 25.8 13.0 39.0



#90

Hexachloroethane

Concen: 4.476 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.007 min

Lab File: VX032198.D

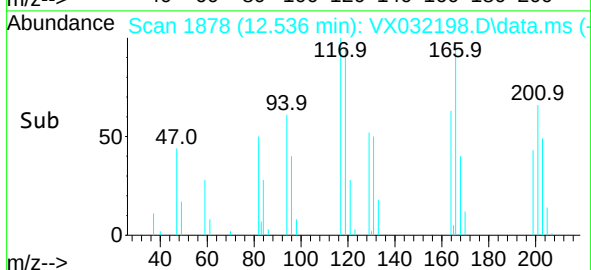
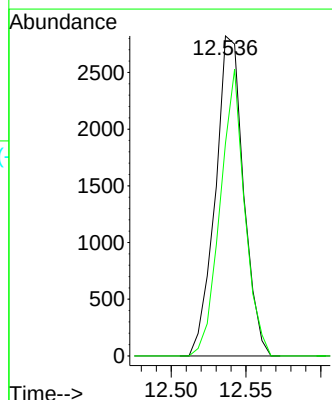
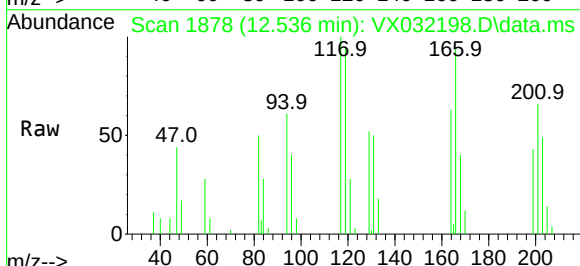
Acq: 19 Oct 2022 11:22

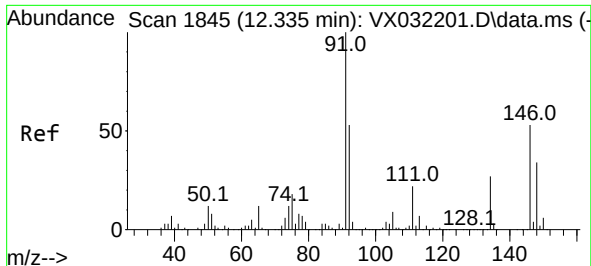
Tgt Ion: 117 Resp: 3696

Ion Ratio Lower Upper

117 100

201 77.8 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 5.122 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

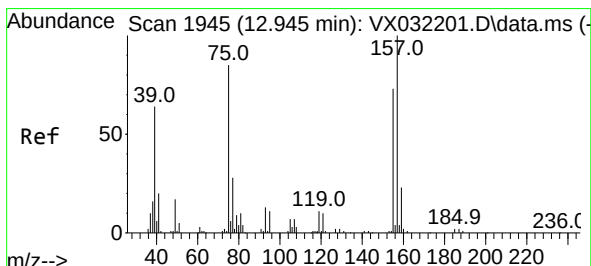
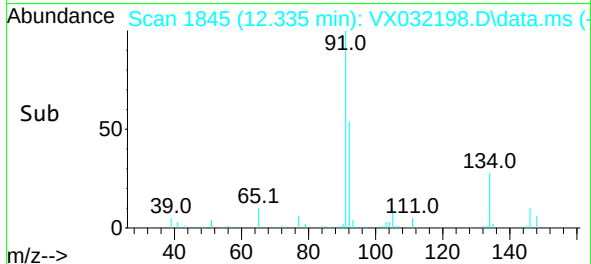
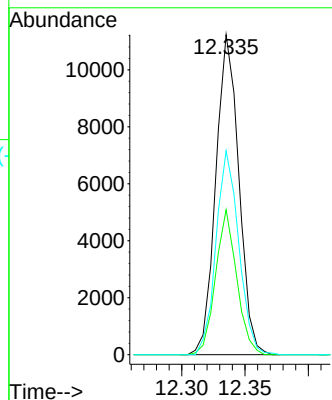
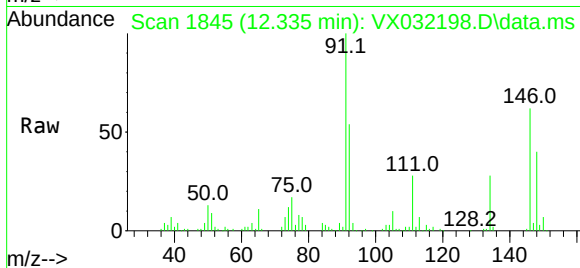
Tgt Ion:146 Resp: 14204

Ion Ratio Lower Upper

146 100

111 41.6 21.1 63.1

148 63.0 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.506 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

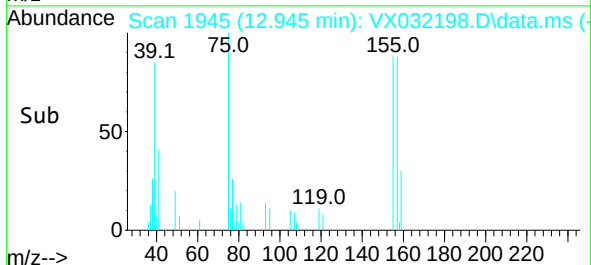
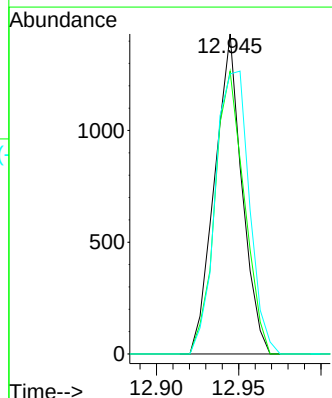
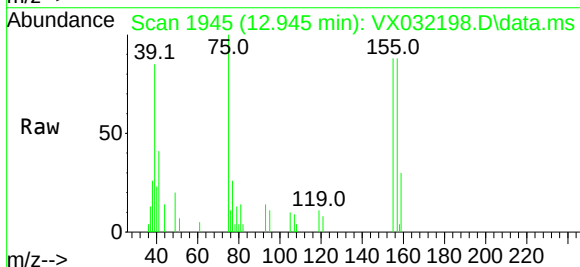
Tgt Ion: 75 Resp: 1657

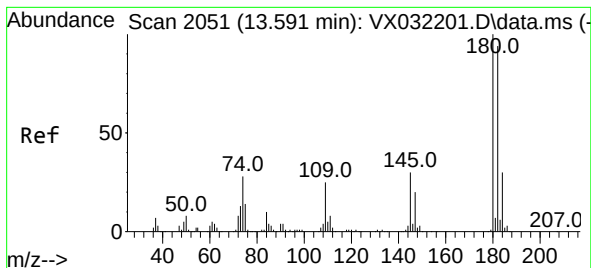
Ion Ratio Lower Upper

75 100

155 94.6 43.1 129.3

157 109.5 57.1 171.5





#93

1,2,4-Trichlorobenzene

Concen: 4.875 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

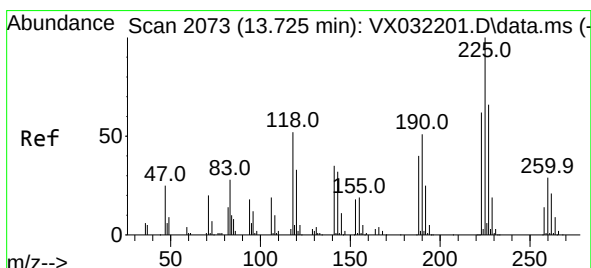
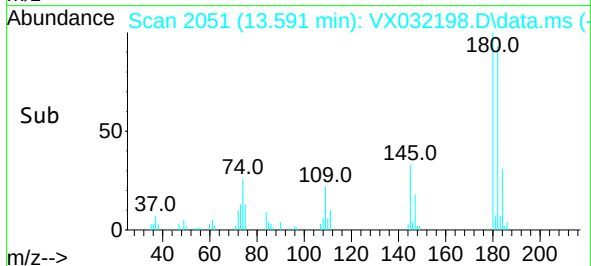
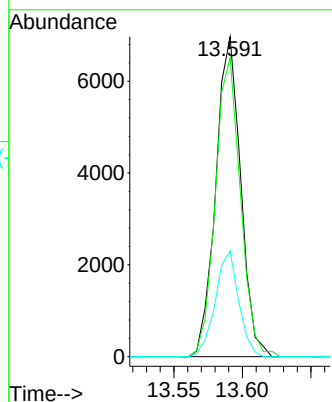
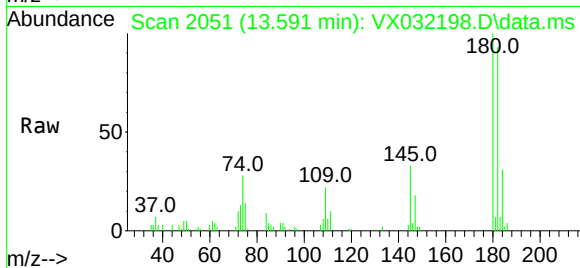
Tgt Ion:180 Resp: 8800

Ion Ratio Lower Upper

180 100

182 93.7 46.8 140.3

145 31.0 15.6 46.7



#94

Hexachlorobutadiene

Concen: 5.045 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

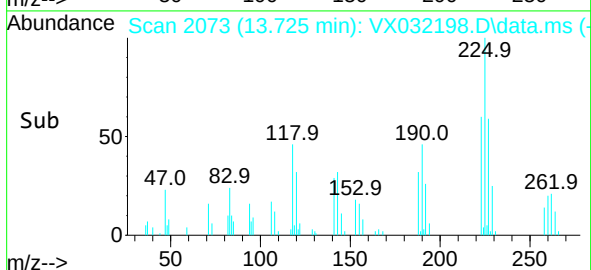
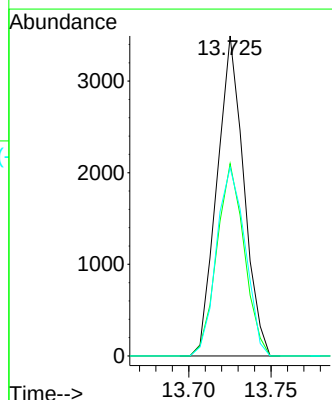
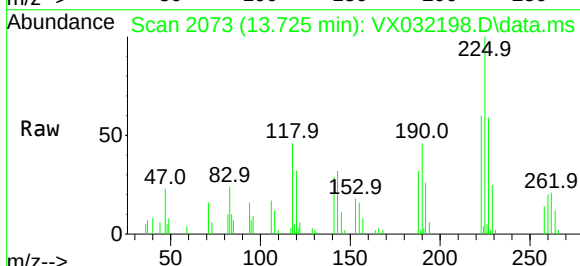
Tgt Ion:225 Resp: 3953

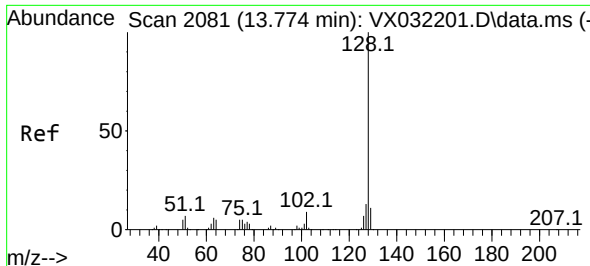
Ion Ratio Lower Upper

225 100

223 61.4 31.4 94.3

227 63.1 32.0 96.0

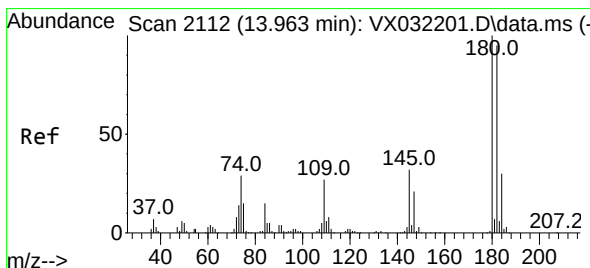
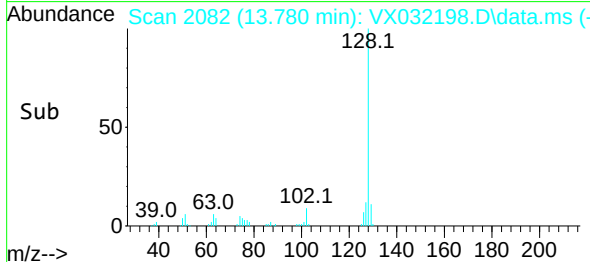
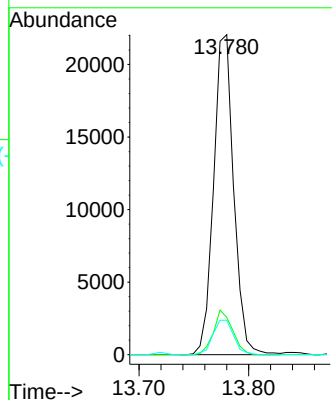
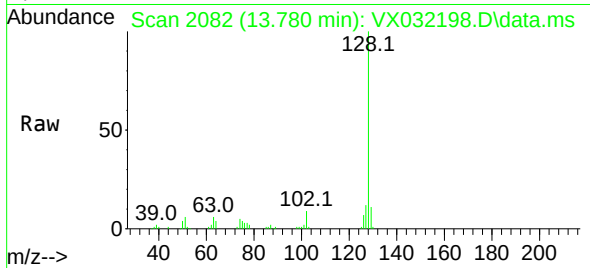




#95
Naphthalene
Concen: 4.867 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	28138
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.3 15.5
129	11.2	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.881 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:180	Resp:	8863
Ion Ratio	Lower	Upper
180	100	
182	94.9	47.4 142.2
145	34.7	16.5 49.5

