

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
 Data File : VX035887.D
 Acq On : 26 May 2023 16:40
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 29 07:21:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:19:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	201173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	354875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	144097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	21558	6.030	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	12.060%#
35) Dibromofluoromethane	5.379	113	13507	5.541	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	11.080%#
50) Toluene-d8	8.647	98	50458	5.640	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	11.280%#
62) 4-Bromofluorobenzene	11.079	95	18043	5.119	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.240%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14917	5.576	ug/l	99
3) Chloromethane	1.294	50	15557	5.640	ug/l	98
4) Vinyl Chloride	1.374	62	14857	5.607	ug/l	96
5) Bromomethane	1.618	94	8791	5.536	ug/l	98
6) Chloroethane	1.685	64	8087	5.462	ug/l #	84
7) Trichlorofluoromethane	1.886	101	22105	5.559	ug/l	94
8) Diethyl Ether	2.136	74	8248	5.648	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	13140	5.575	ug/l	99
10) Methyl Iodide	2.447	142	10614	4.439	ug/l	97
11) Tert butyl alcohol	3.008	59	9350	15.026	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	11999	5.432	ug/l	95
13) Acrolein	2.239	56	18186	29.458	ug/l	99
14) Allyl chloride	2.660	41	22486	5.152	ug/l	98
15) Acrylonitrile	3.069	53	39190	27.520	ug/l	96
16) Acetone	2.392	43	41127	28.496	ug/l	96
17) Carbon Disulfide	2.508	76	23987	4.688	ug/l	98
18) Methyl Acetate	2.703	43	30458	5.466	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	46798	5.495	ug/l	97
20) Methylene Chloride	2.788	84	18026	6.123	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	12721	5.224	ug/l	95
22) Diisopropyl ether	3.751	45	48817	5.570	ug/l #	75
23) Vinyl Acetate	3.721	43	161746	26.495	ug/l	99
24) 1,1-Dichloroethane	3.605	63	26371	5.453	ug/l	98
25) 2-Butanone	4.568	43	56128	26.886	ug/l	97
26) 2,2-Dichloropropane	4.477	77	18922	5.074	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	15405	5.438	ug/l	99
28) Bromochloromethane	4.898	49	12821	5.471	ug/l	99
29) Tetrahydrofuran	5.013	42	37234	27.567	ug/l	98
30) Chloroform	5.093	83	27779	5.599	ug/l	100
31) Cyclohexane	5.471	56	23657	5.571	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	22664	5.287	ug/l	98
36) 1,1-Dichloropropene	5.690	75	20431	5.520	ug/l	98
37) Ethyl Acetate	4.715	43	20997	5.240	ug/l	98
38) Carbon Tetrachloride	5.678	117	17633	5.054	ug/l	98
39) Methylcyclohexane	7.379	83	22917	5.426	ug/l	96
40) Benzene	6.038	78	57716	5.567	ug/l	97

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 29 07:21:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:19:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	12018	5.269	ug/l	97
42) 1,2-Dichloroethane	6.086	62	24850	5.675	ug/l	98
43) Isopropyl Acetate	6.342	43	33814	5.266	ug/l	99
44) Trichloroethene	7.129	130	13884	5.376	ug/l	96
45) 1,2-Dichloropropane	7.428	63	14885	5.444	ug/l	91
46) Dibromomethane	7.580	93	10241	5.455	ug/l	97
47) Bromodichloromethane	7.824	83	17205	4.917	ug/l	95
48) Methyl methacrylate	7.696	41	16813	5.101	ug/l	97
49) 1,4-Dioxane	7.720	88	7448	105.889	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	110958	27.760	ug/l	99
52) Toluene	8.720	92	35375	5.433	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	16083	4.451	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	18850	4.779	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	14070	5.451	ug/l	97
56) Ethyl methacrylate	9.116	69	21065	5.183	ug/l	97
57) 1,3-Dichloropropane	9.305	76	25032	5.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	58581	27.242	ug/l	100
59) 2-Hexanone	9.433	43	83772	27.729	ug/l	95
60) Dibromochloromethane	9.519	129	10823	4.582	ug/l	95
61) 1,2-Dibromoethane	9.610	107	14144	5.203	ug/l	98
64) Tetrachloroethene	9.275	164	11916	5.578	ug/l	96
65) Chlorobenzene	10.079	112	37044	5.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	12034	5.221	ug/l	100
67) Ethyl Benzene	10.195	91	68060	5.460	ug/l	96
68) m/p-Xylenes	10.299	106	51139	11.088	ug/l	98
69) o-Xylene	10.640	106	25372	5.538	ug/l	98
70) Styrene	10.653	104	40269	5.350	ug/l	97
71) Bromoform	10.799	173	6556	4.399	ug/l #	97
73) Isopropylbenzene	10.963	105	66400	5.682	ug/l	100
74) N-amyl acetate	10.842	43	27070	5.326	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	21406	5.604	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22249	6.187	ug/l	85
77) Bromobenzene	11.201	156	14785	5.609	ug/l	96
78) n-propylbenzene	11.305	91	75197	5.521	ug/l	100
79) 2-Chlorotoluene	11.366	91	48205	5.582	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	56889	5.713	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3766	9.334	ug/l #	72
82) 4-Chlorotoluene	11.451	91	55734	5.672	ug/l	98
83) tert-Butylbenzene	11.713	119	52639	5.507	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	56312	5.647	ug/l	99
85) sec-Butylbenzene	11.890	105	64053	5.362	ug/l	100
86) p-Isopropyltoluene	12.006	119	54746	5.481	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	28464	5.657	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	28795	5.552	ug/l	94
89) n-Butylbenzene	12.329	91	45714	5.207	ug/l	99
90) Hexachloroethane	12.536	117	6589	4.560	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	27879	5.610	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3885	4.860	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	15373	5.261	ug/l	98
94) Hexachlorobutadiene	13.725	225	5946	5.075	ug/l	96
95) Naphthalene	13.774	128	52096	5.132	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	15188	5.216	ug/l	99

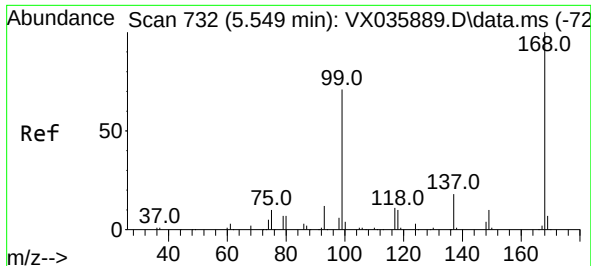
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
Data File : VX035887.D
Acq On : 26 May 2023 16:40
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 29 07:21:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:19:34 2023
Response via : Initial Calibration

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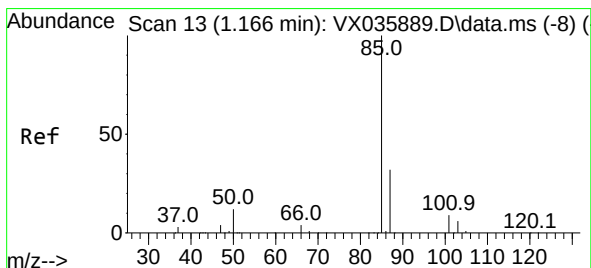
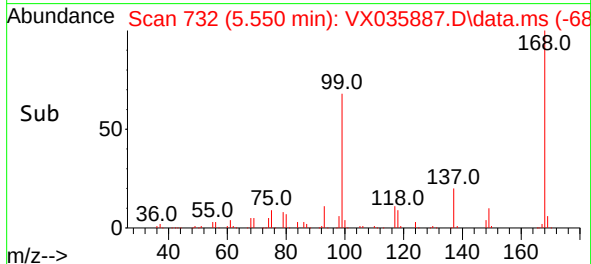
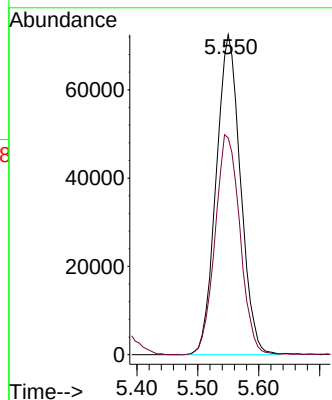
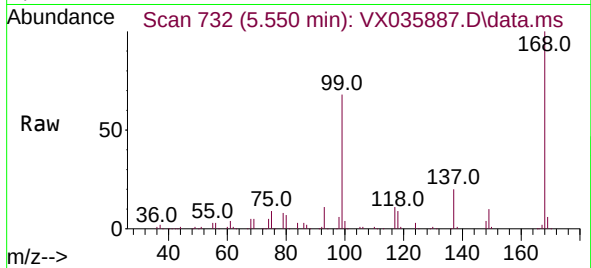
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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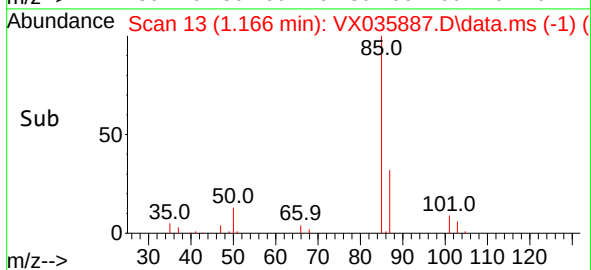
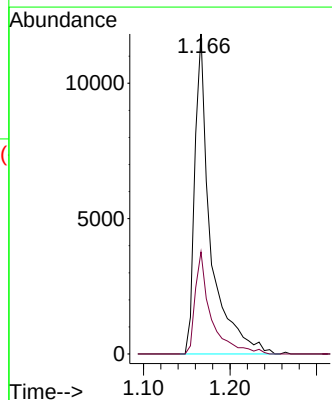
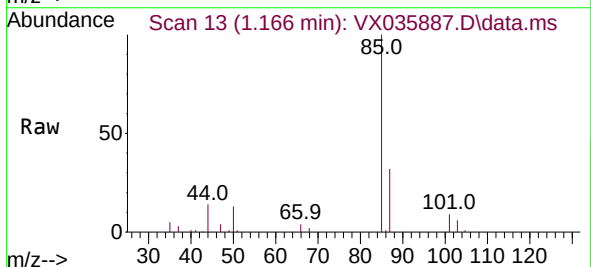
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

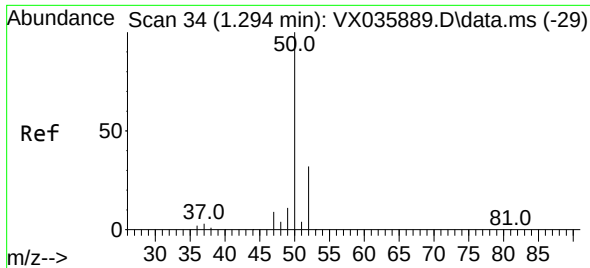
Tgt Ion:168 Resp: 201173
Ion Ratio Lower Upper
168 100
99 67.8 57.0 85.6



#2
Dichlorodifluoromethane
Concen: 5.576 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 85 Resp: 14917
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4

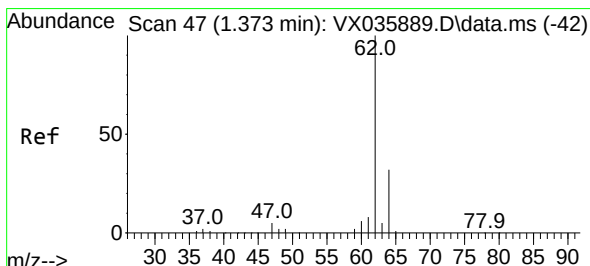
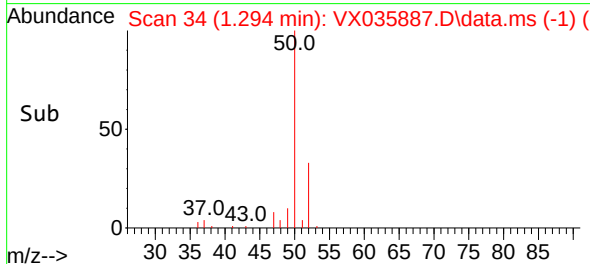
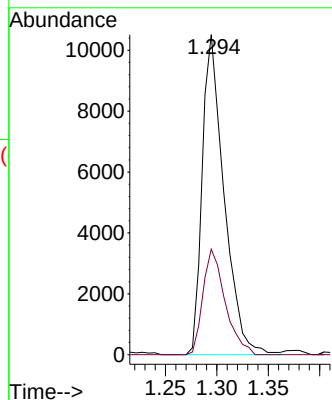
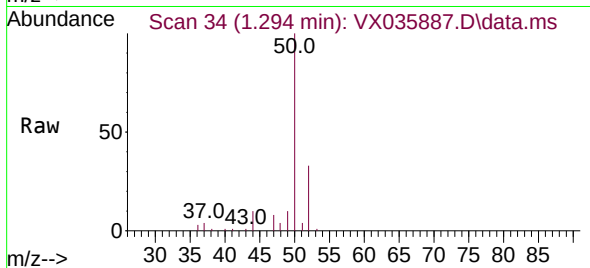




#3
Chloromethane
Concen: 5.640 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

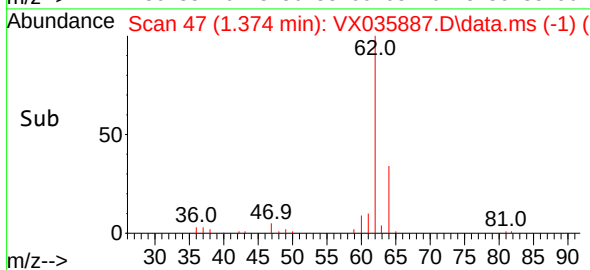
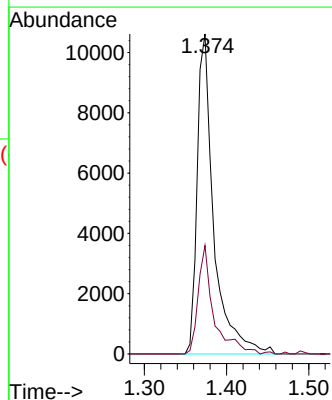
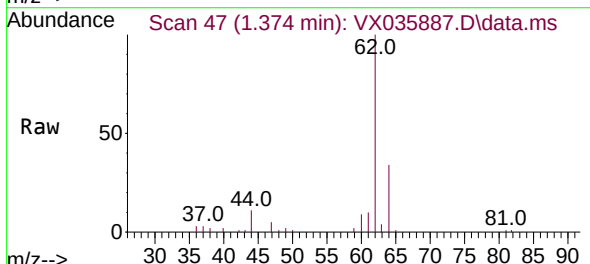
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

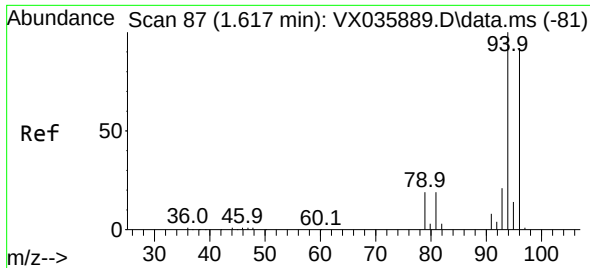
Tgt Ion: 50 Resp: 15557
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 5.607 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 62 Resp: 14857
Ion Ratio Lower Upper
62 100
64 33.9 25.2 37.8

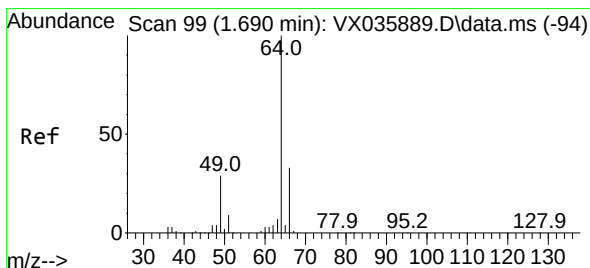
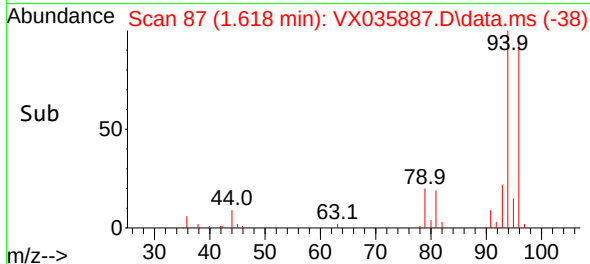
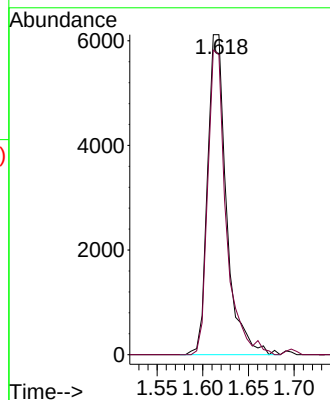
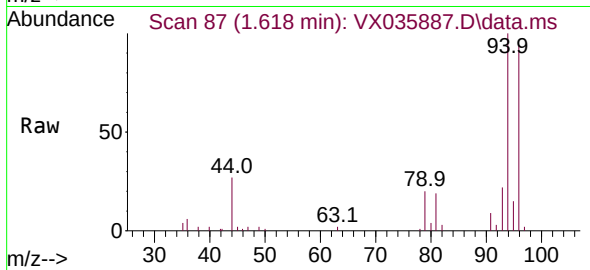




#5
Bromomethane
Concen: 5.536 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

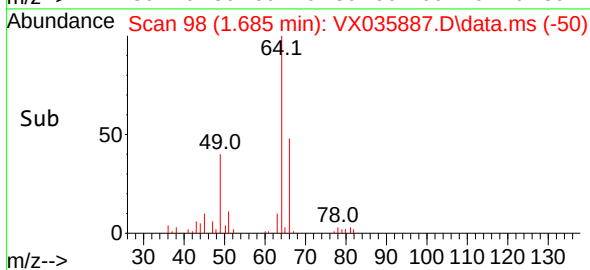
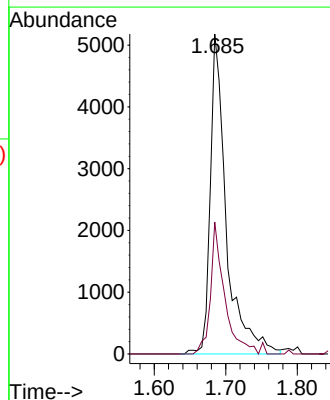
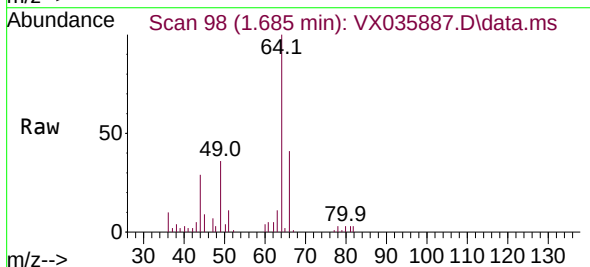
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

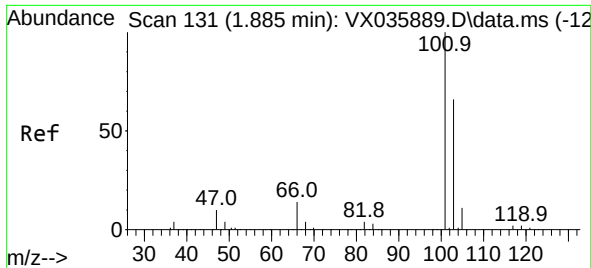
Tgt Ion: 94 Resp: 8791
Ion Ratio Lower Upper
94 100
96 93.8 73.5 110.3



#6
Chloroethane
Concen: 5.462 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 64 Resp: 8087
Ion Ratio Lower Upper
64 100
66 41.2 26.0 39.0#

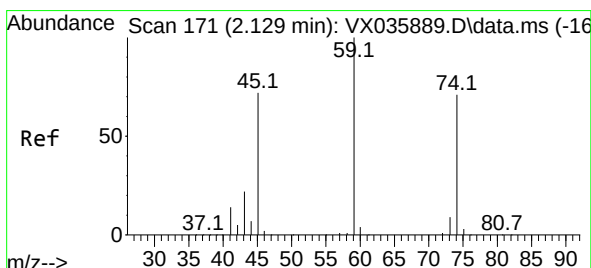
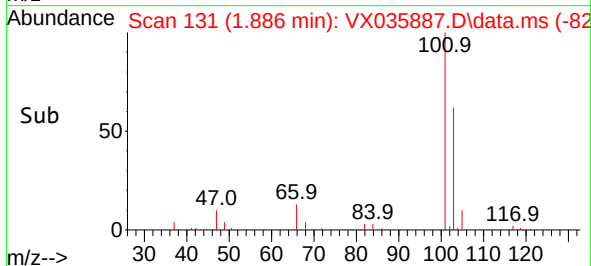
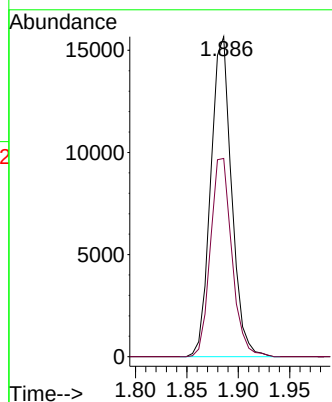
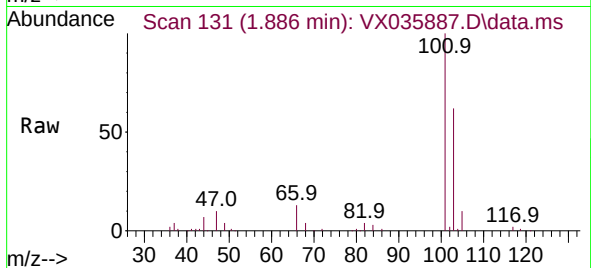




#7
Trichlorofluoromethane
Concen: 5.559 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035887.D
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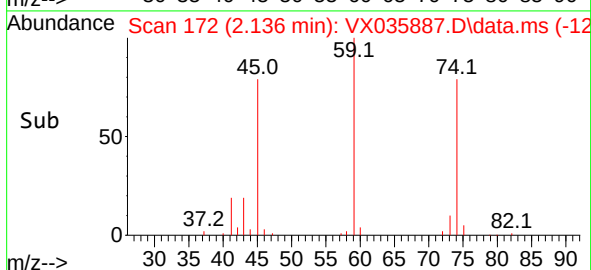
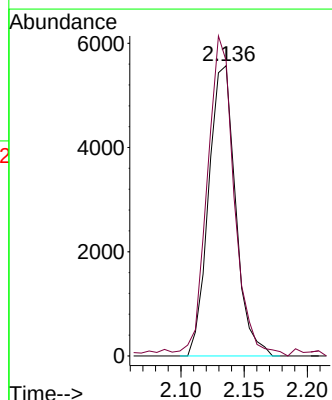
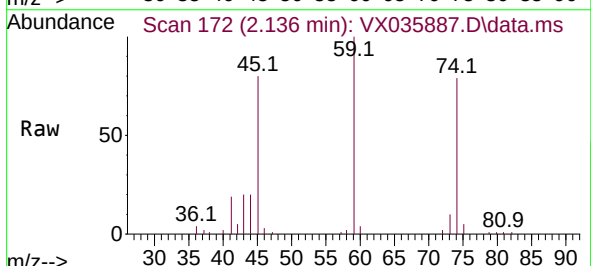
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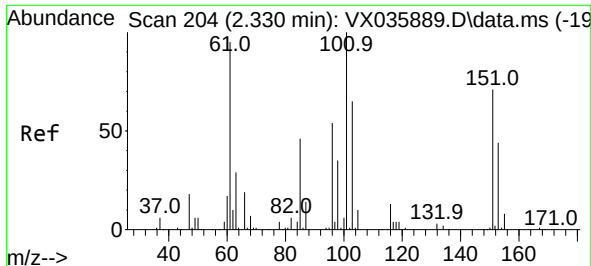
Tgt Ion:101 Resp: 22105
Ion Ratio Lower Upper
101 100
103 62.0 53.2 79.8



#8
Diethyl Ether
Concen: 5.648 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 74 Resp: 8248
Ion Ratio Lower Upper
74 100
45 112.5 50.6 151.9

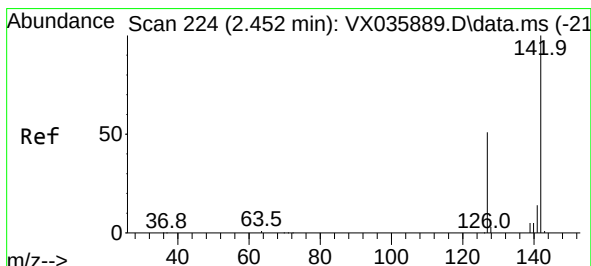
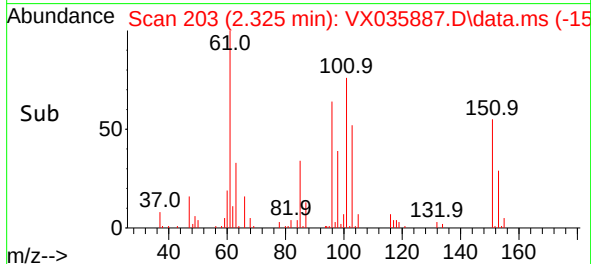
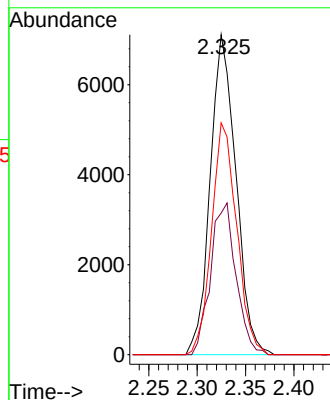
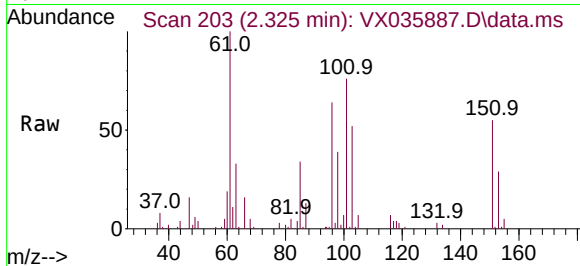




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.575 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

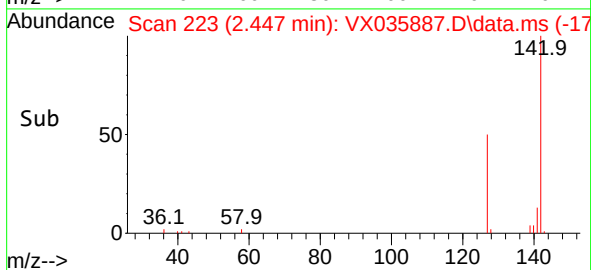
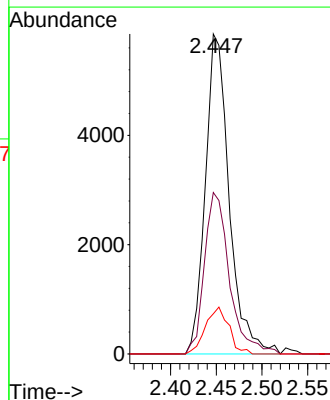
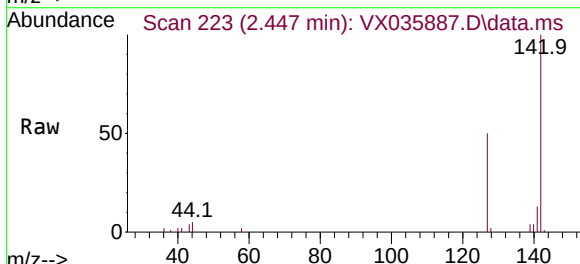
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ClientSampleId :
VSTDIC005

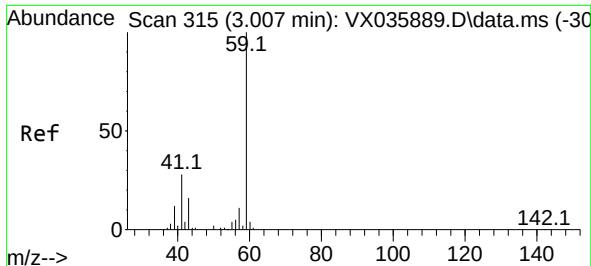
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Ion Ratio Lower Upper
101 100
85 47.0 37.3 55.9
151 70.8 57.0 85.6



#10
Methyl Iodide
Concen: 4.439 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion:142 Resp: 10614
Ion Ratio Lower Upper
142 100
127 52.9 40.3 60.5
141 14.3 11.4 17.0

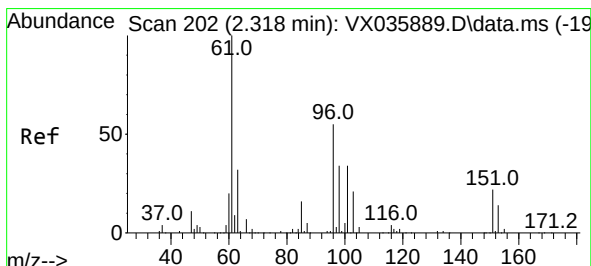
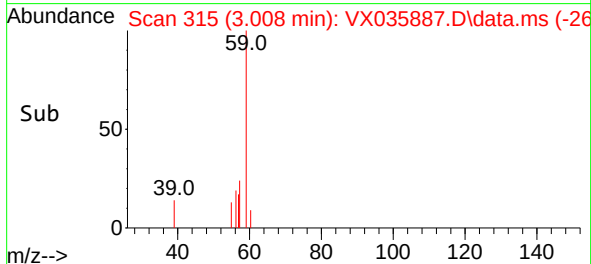
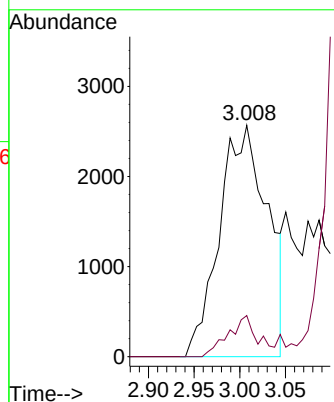
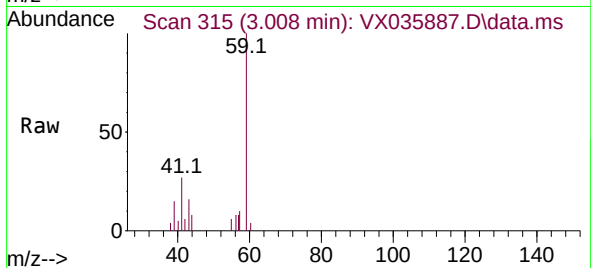




#11
Tert butyl alcohol
Concen: 15.026 ug/l
RT: 3.008 min Scan# 315
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

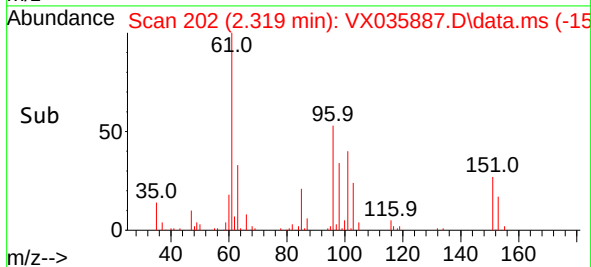
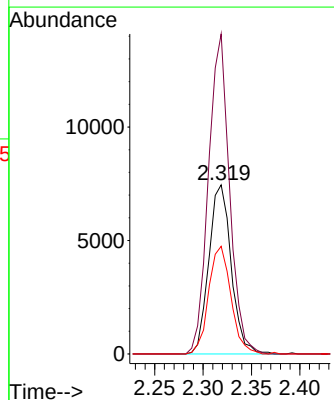
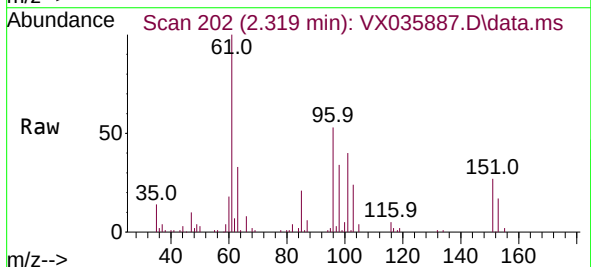
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

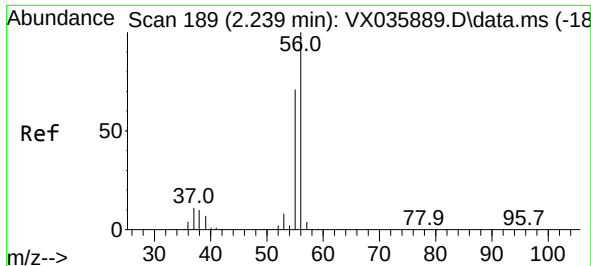
Tgt Ion: 59 Resp: 9350
Ion Ratio Lower Upper
59 100
57 10.9 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 5.432 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 96 Resp: 11999
Ion Ratio Lower Upper
96 100
61 189.2 145.2 217.8
98 63.7 49.3 73.9





#13

Acrolein

Concen: 29.458 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

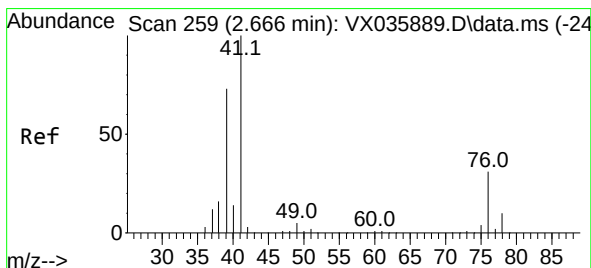
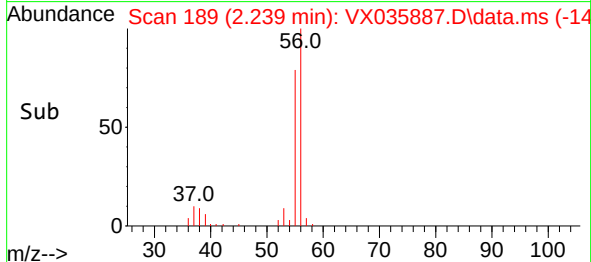
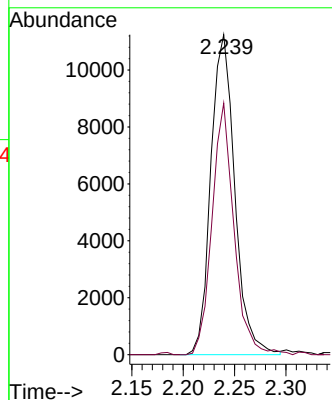
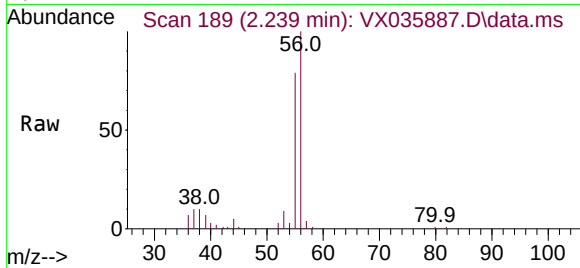
VSTDIC005

Tgt Ion: 56 Resp: 18186

Ion Ratio Lower Upper

56 100

55 72.1 57.3 85.9



#14

Allyl chloride

Concen: 5.152 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

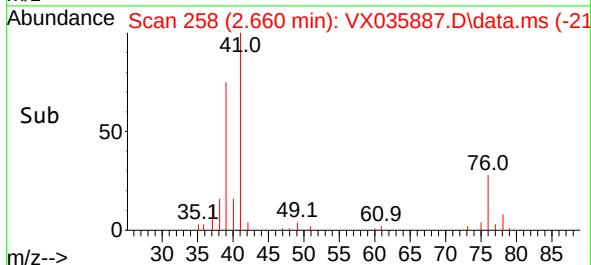
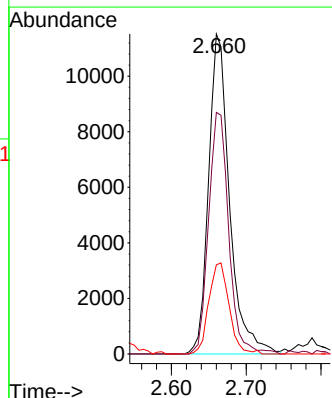
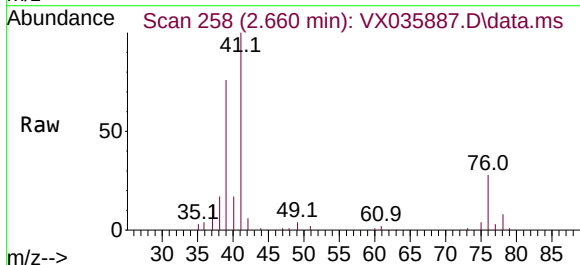
Tgt Ion: 41 Resp: 22486

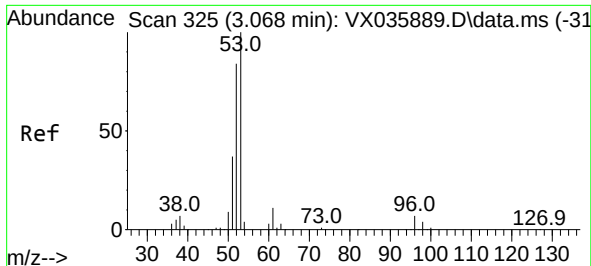
Ion Ratio Lower Upper

41 100

39 72.2 56.9 85.3

76 27.4 24.1 36.1





#15

Acrylonitrile

Concen: 27.520 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

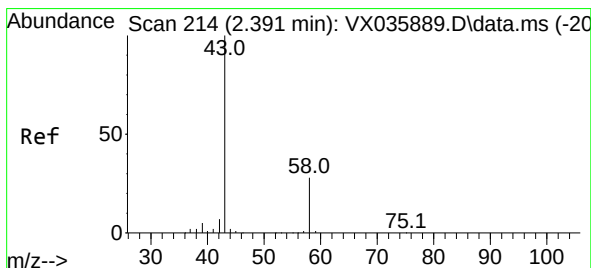
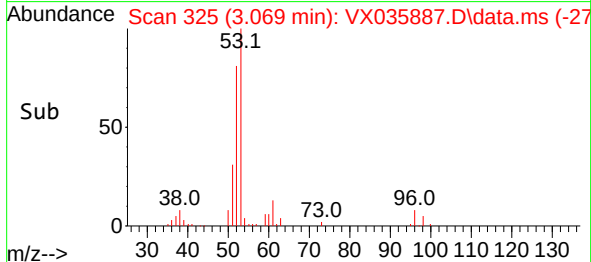
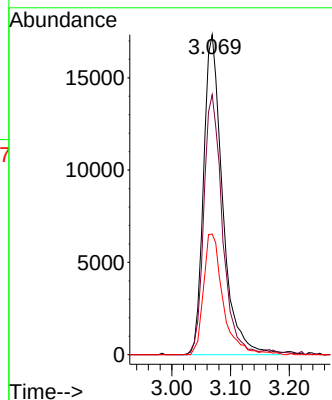
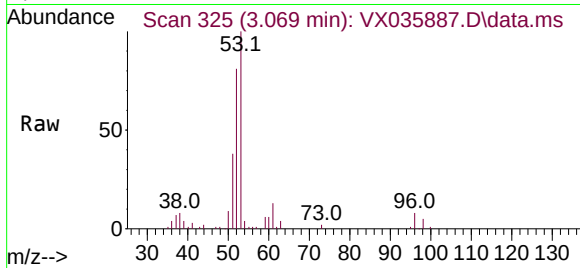
Tgt Ion: 53 Resp: 39190

Ion Ratio Lower Upper

53 100

52 79.0 67.0 100.4

51 38.8 29.8 44.8



#16

Acetone

Concen: 28.496 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX035887.D

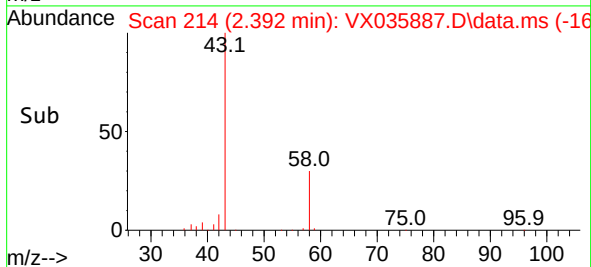
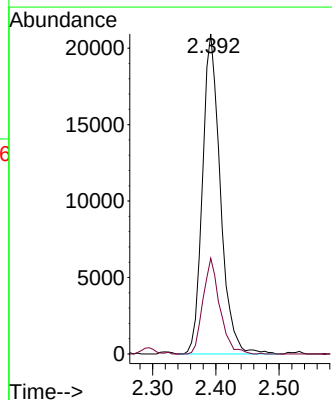
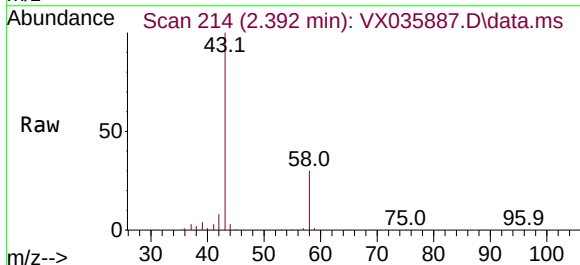
Acq: 26 May 2023 16:40

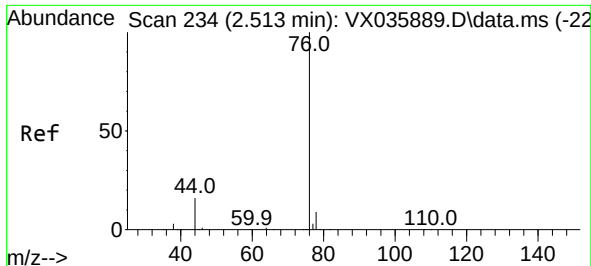
Tgt Ion: 43 Resp: 41127

Ion Ratio Lower Upper

43 100

58 29.9 22.2 33.2

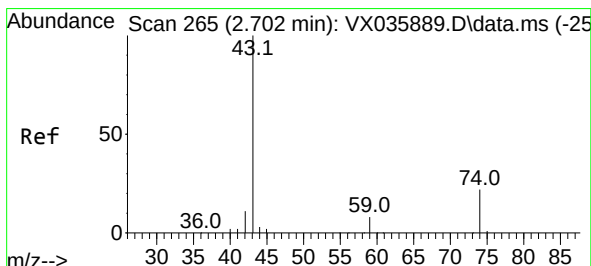
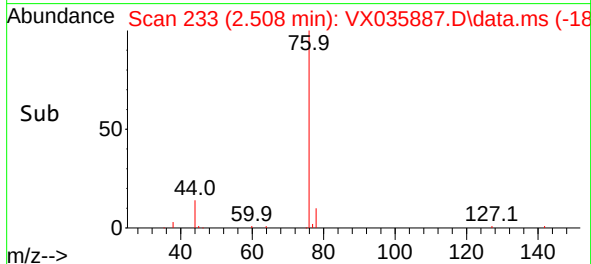
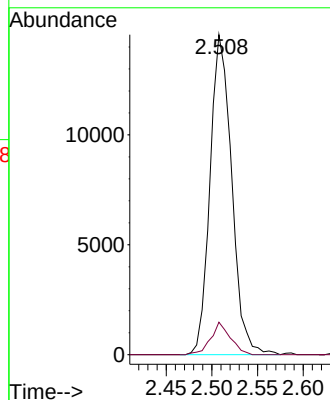
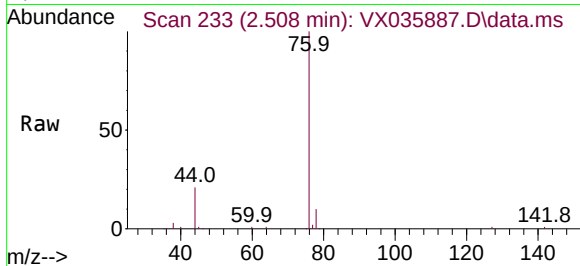




#17
Carbon Disulfide
Concen: 4.688 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

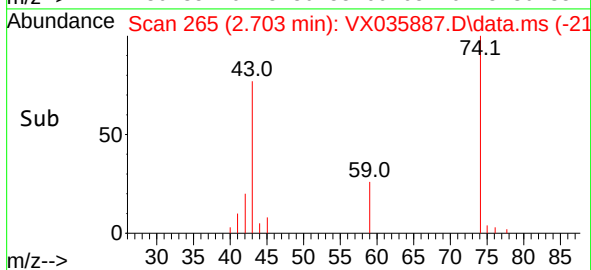
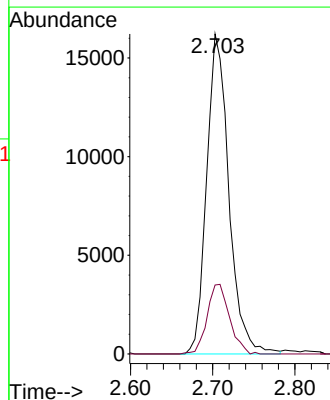
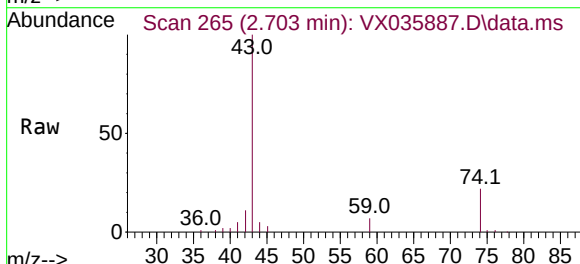
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

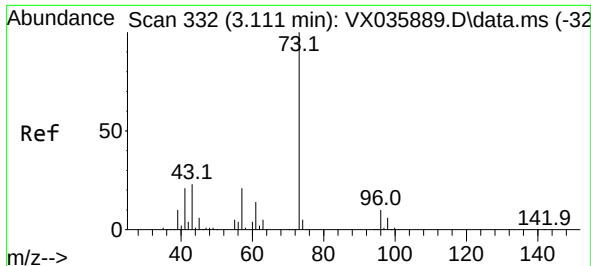
Tgt Ion: 76 Resp: 23987
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4



#18
Methyl Acetate
Concen: 5.466 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 43 Resp: 30458
Ion Ratio Lower Upper
43 100
74 21.9 17.7 26.5

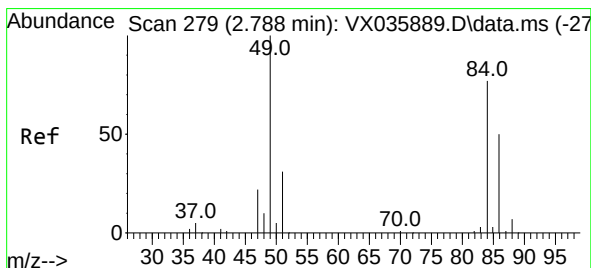
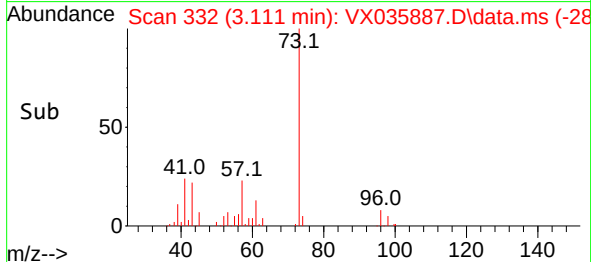
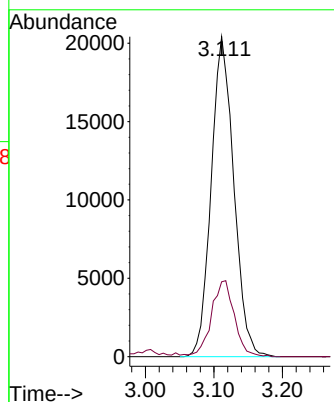
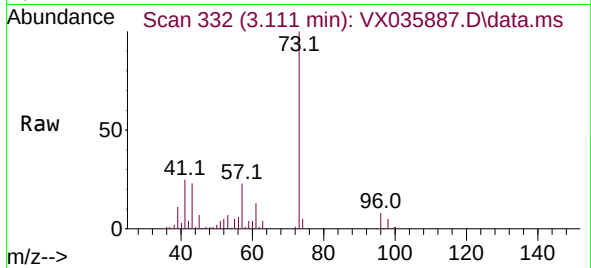




#19
Methyl tert-butyl Ether
Concen: 5.495 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

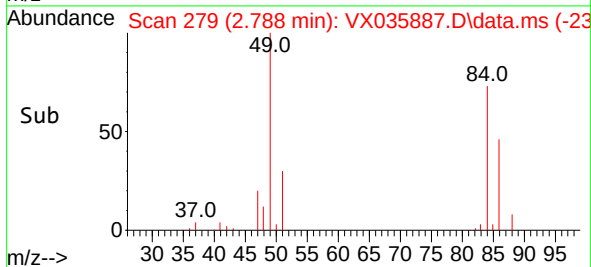
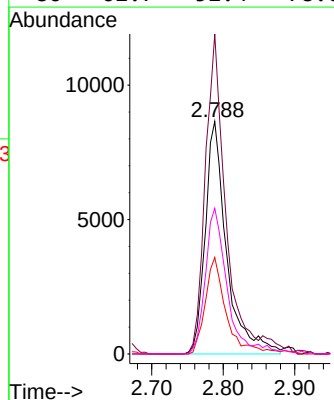
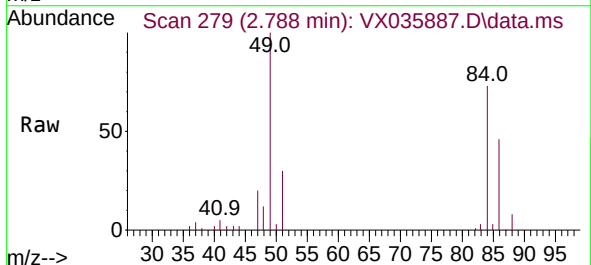
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

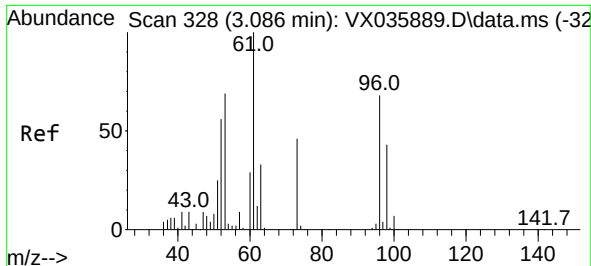
Tgt Ion: 73 Resp: 46798
Ion Ratio Lower Upper
73 100
57 23.4 17.6 26.4



#20
Methylene Chloride
Concen: 6.123 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 84 Resp: 18026
Ion Ratio Lower Upper
84 100
49 137.6 104.6 156.8
51 41.5 32.2 48.4
86 62.7 52.4 78.6

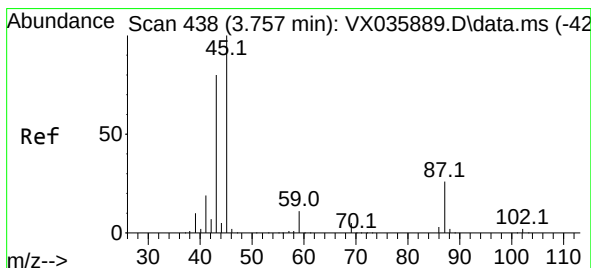
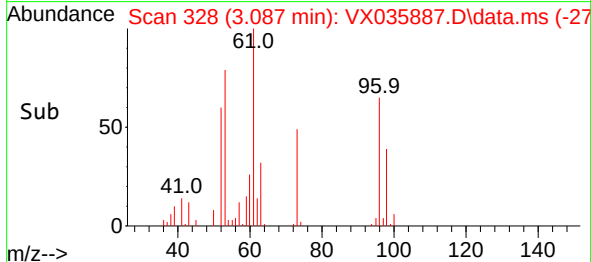
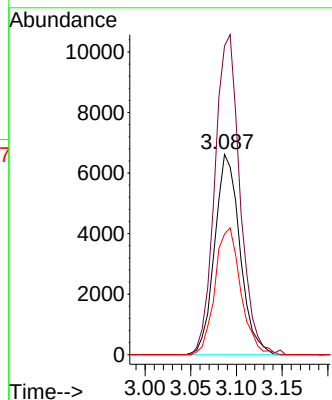
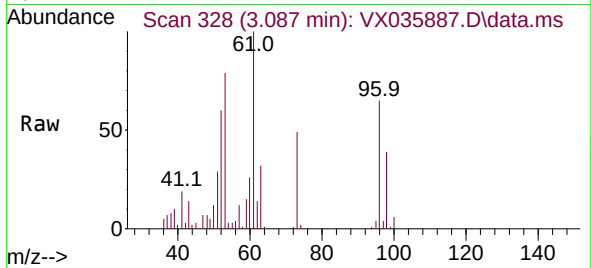




#21
trans-1,2-Dichloroethene
Concen: 5.224 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

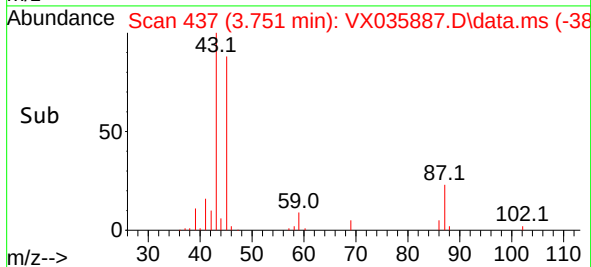
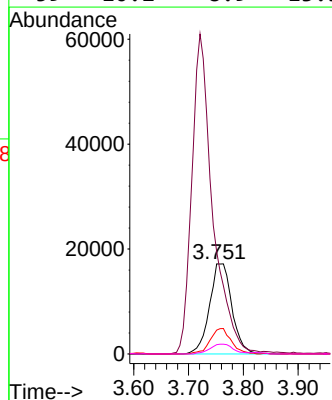
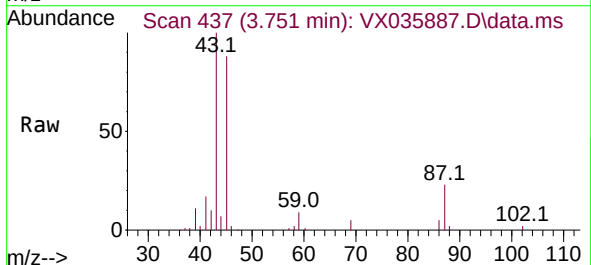
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

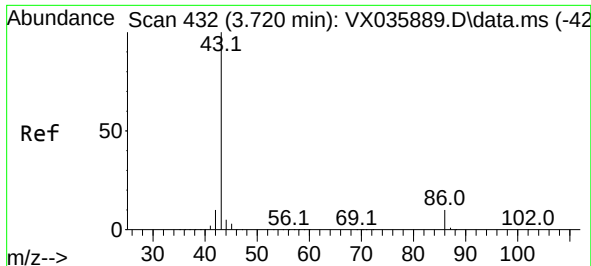
Tgt Ion: 96 Resp: 12721
Ion Ratio Lower Upper
96 100
61 154.2 118.2 177.4
98 60.2 50.6 75.8



#22
Diisopropyl ether
Concen: 5.570 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 45 Resp: 48817
Ion Ratio Lower Upper
45 100
43 111.7 63.8 95.6#
87 26.4 20.6 31.0
59 10.2 8.9 13.3

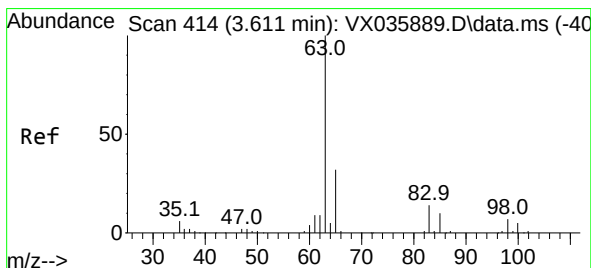
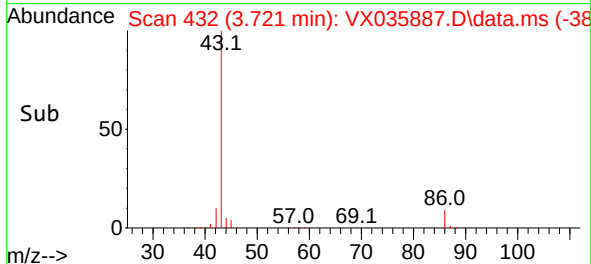
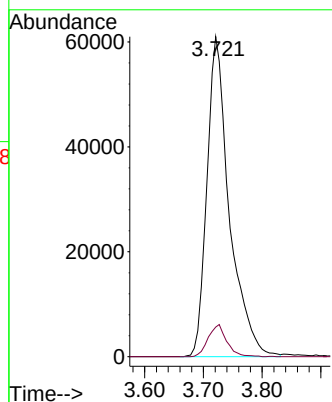
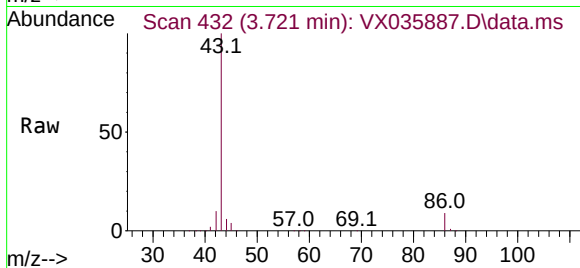




#23
 Vinyl Acetate
 Concen: 26.495 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX035887.D
 Acq: 26 May 2023 16:40

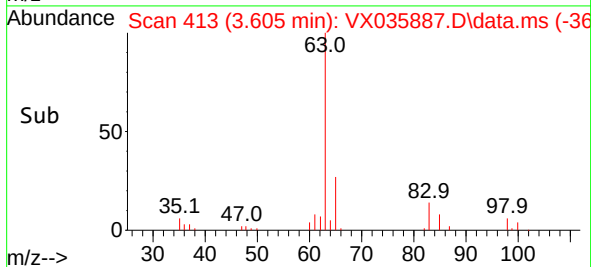
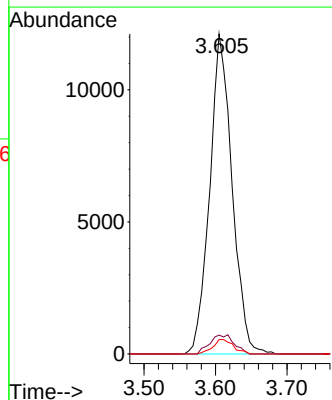
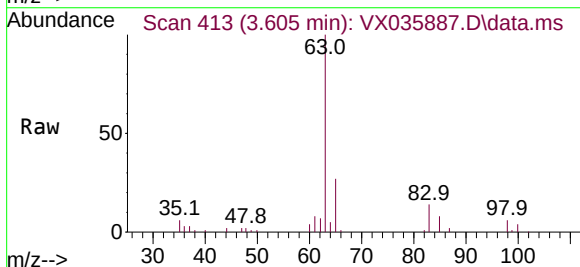
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

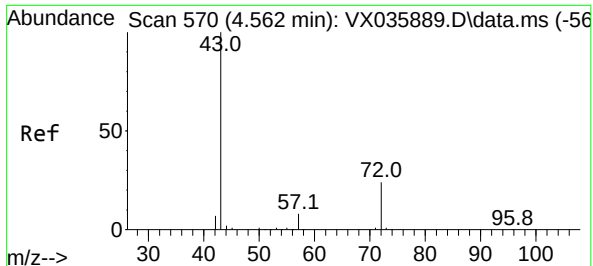
Tgt Ion: 43 Resp: 161746
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 5.453 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035887.D
 Acq: 26 May 2023 16:40

Tgt Ion: 63 Resp: 26371
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.5
 100 4.5 2.3 6.9

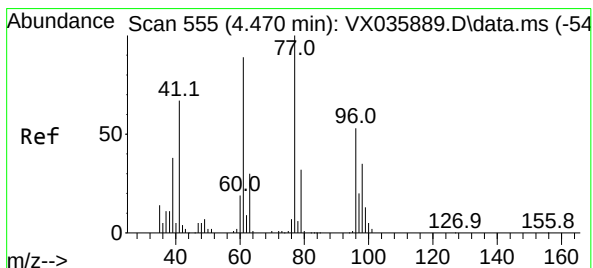
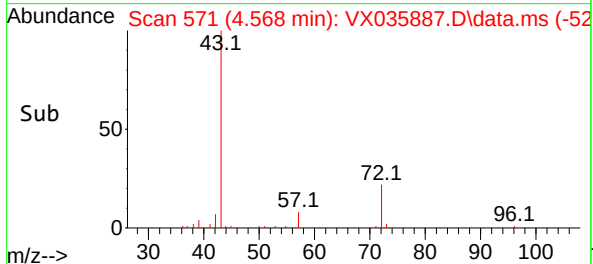
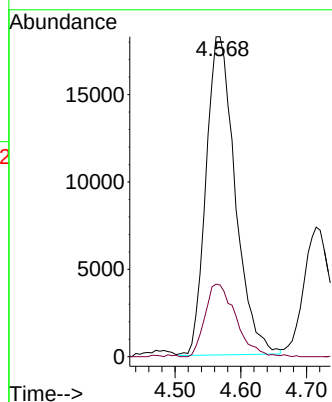
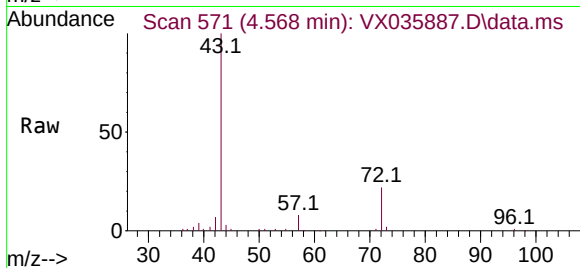




#25
2-Butanone
Concen: 26.886 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

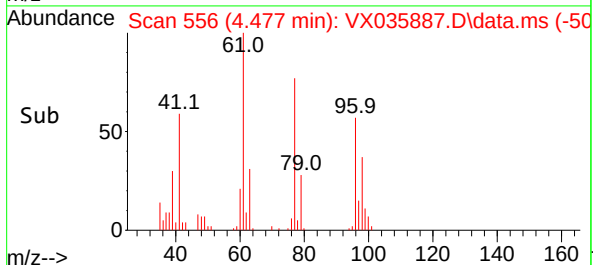
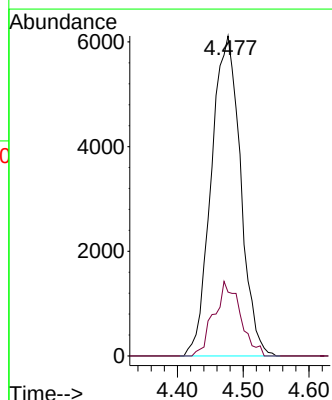
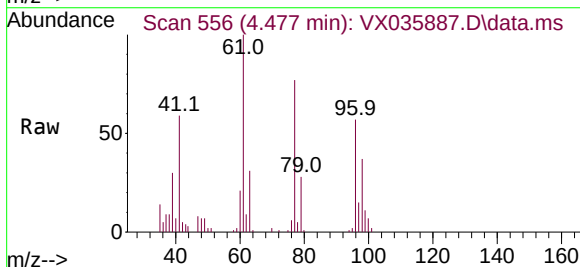
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

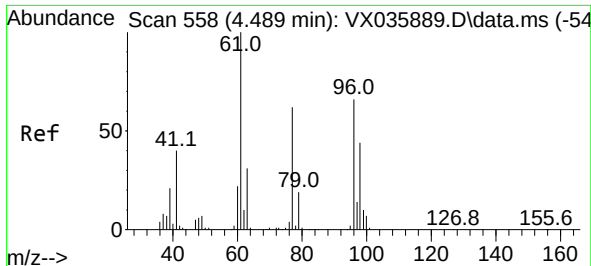
Tgt Ion: 43 Resp: 56128
Ion Ratio Lower Upper
43 100
72 22.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 5.074 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 77 Resp: 18922
Ion Ratio Lower Upper
77 100
97 21.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 5.438 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

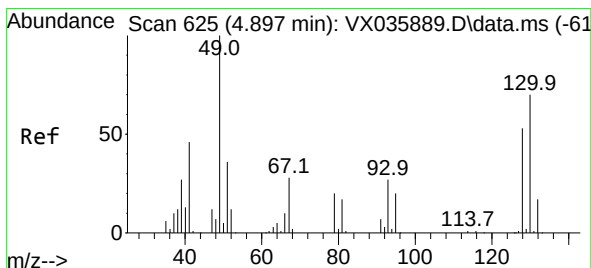
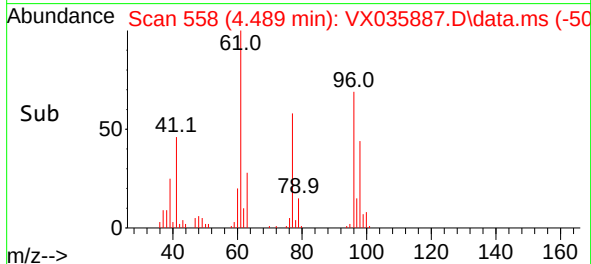
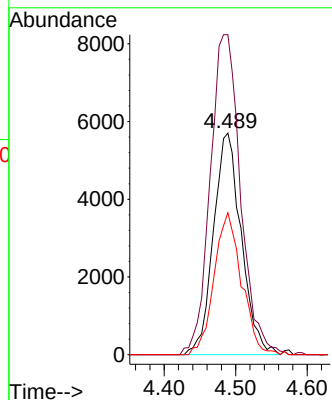
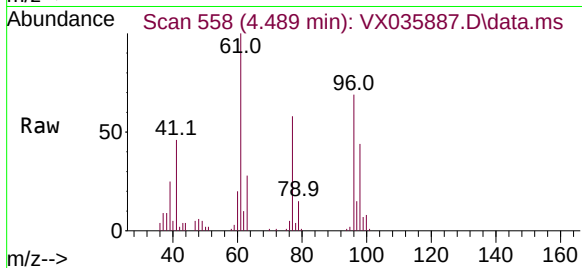
Tgt Ion: 96 Resp: 15405

Ion Ratio Lower Upper

96 100

61 157.5 0.0 312.6

98 63.5 0.0 130.0



#28

Bromochloromethane

Concen: 5.471 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

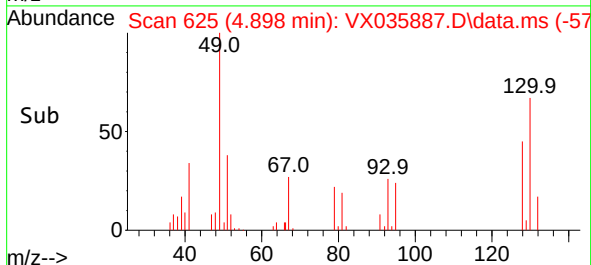
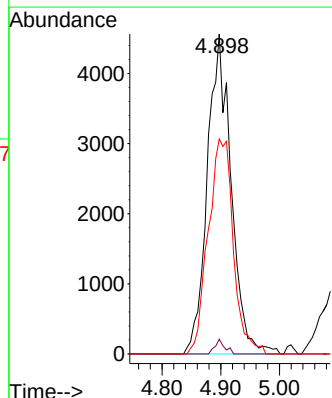
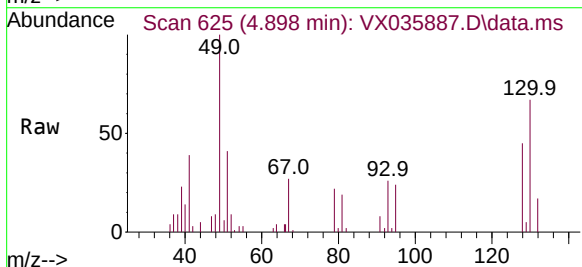
Tgt Ion: 49 Resp: 12821

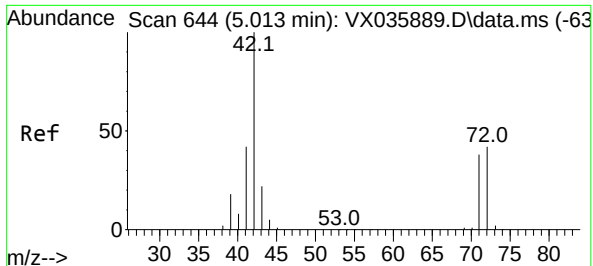
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 70.9 55.8 83.8





#29

Tetrahydrofuran

Concen: 27.567 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

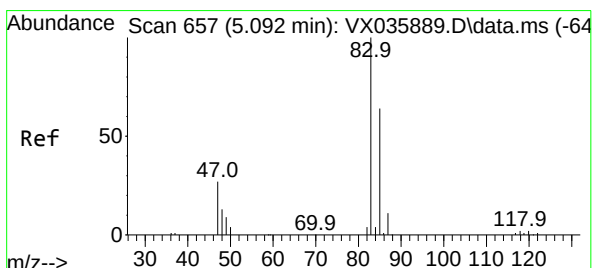
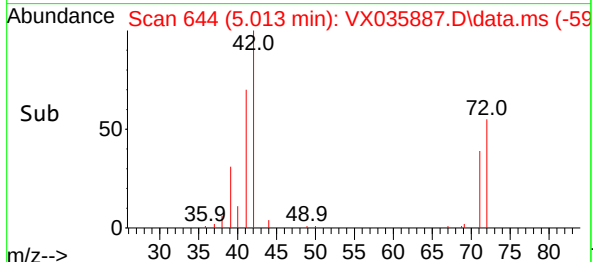
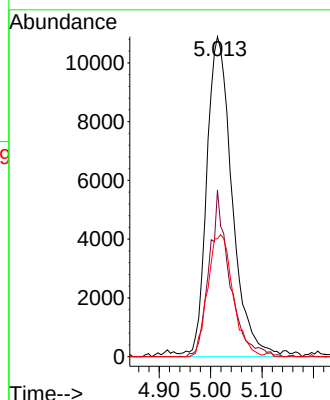
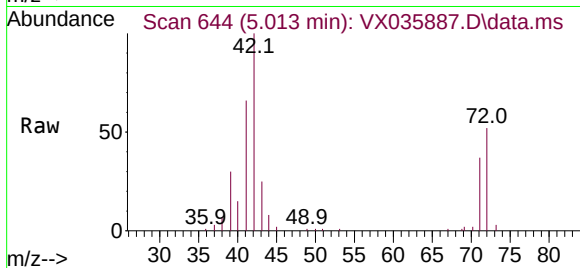
Tgt Ion: 42 Resp: 37234

Ion Ratio Lower Upper

42 100

72 42.2 34.2 51.2

71 38.0 31.8 47.8



#30

Chloroform

Concen: 5.599 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035887.D

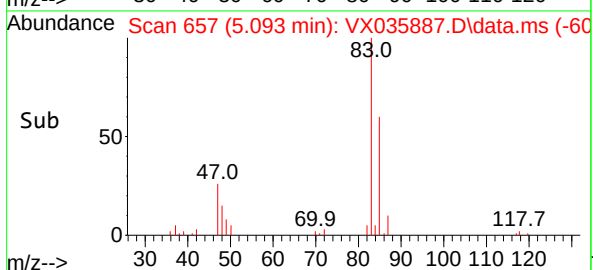
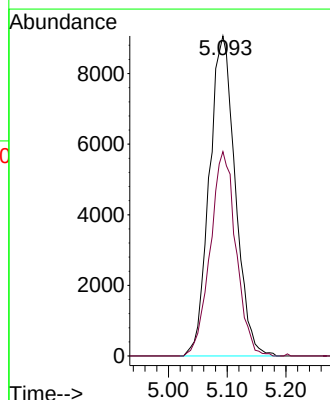
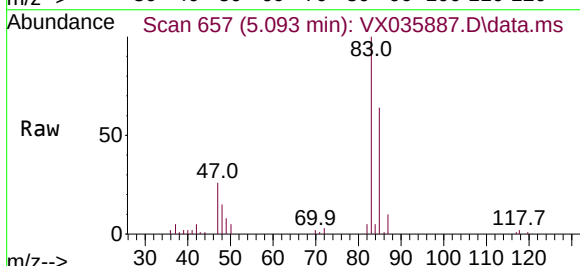
Acq: 26 May 2023 16:40

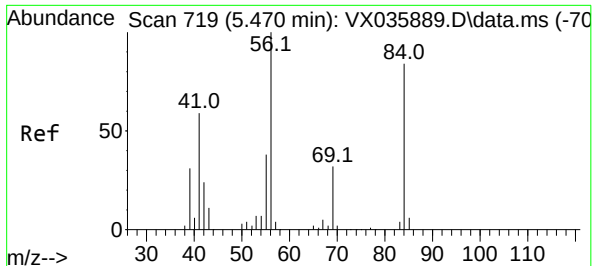
Tgt Ion: 83 Resp: 27779

Ion Ratio Lower Upper

83 100

85 63.9 51.0 76.4

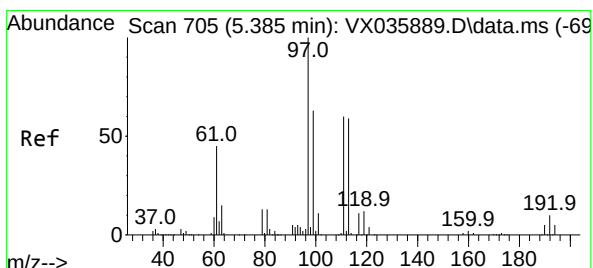
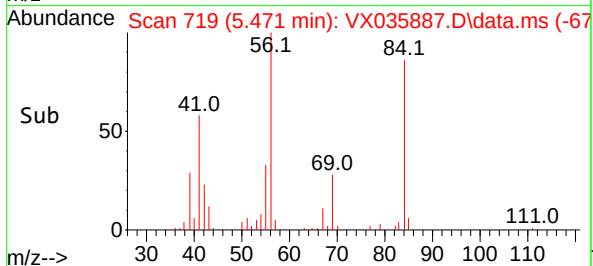
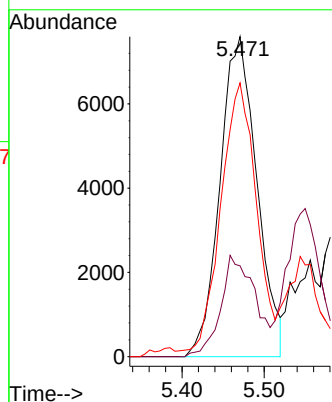
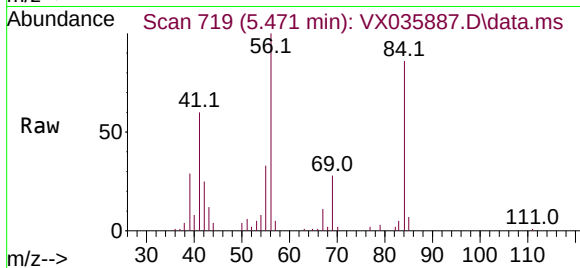




#31
Cyclohexane
Concen: 5.571 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

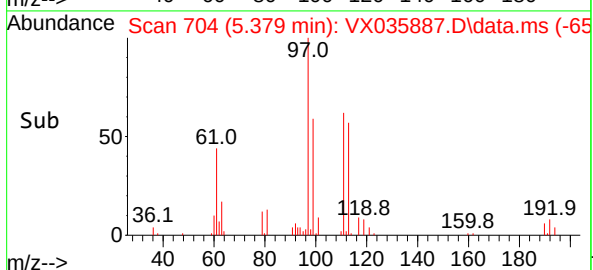
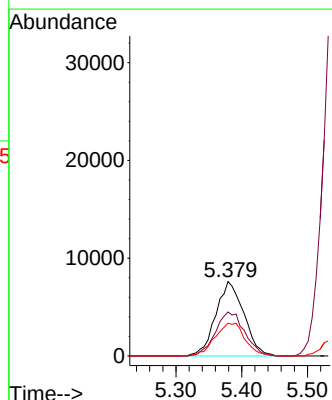
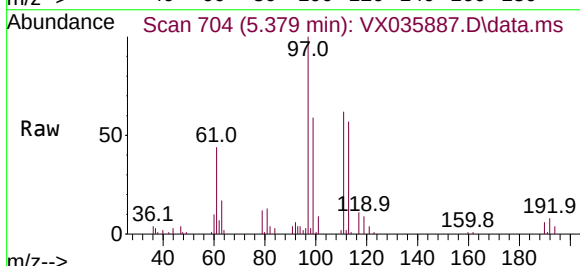
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

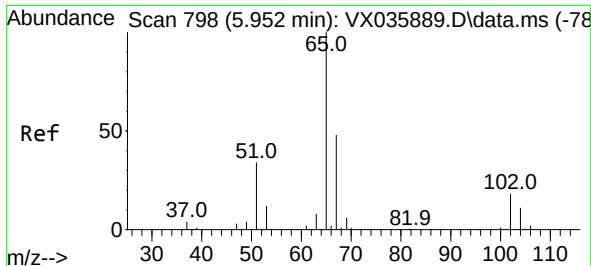
Tgt Ion: 56	Resp: 23657
Ion Ratio	Lower Upper
56 100	
69 28.4	25.9 38.9
84 83.7	67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 5.287 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 97	Resp: 22664
Ion Ratio	Lower Upper
97 100	
99 61.3	51.2 76.8
61 46.8	36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 6.030 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

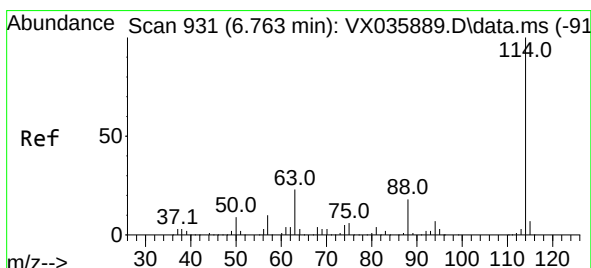
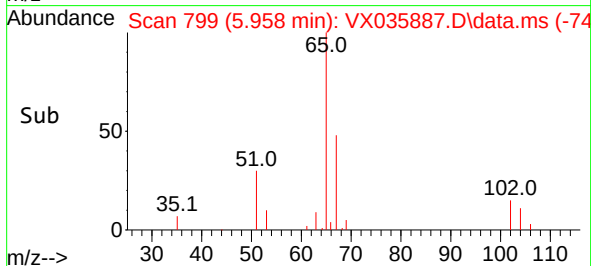
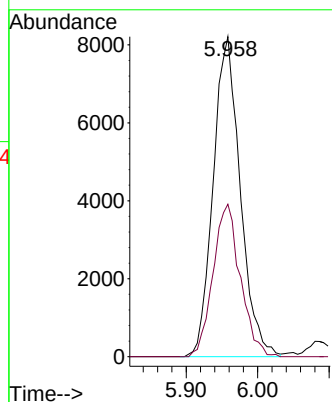
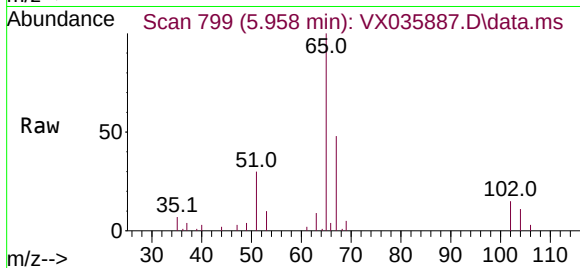
VSTDIC005

Tgt Ion: 65 Resp: 21558

Ion Ratio Lower Upper

65 100

67 48.1 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

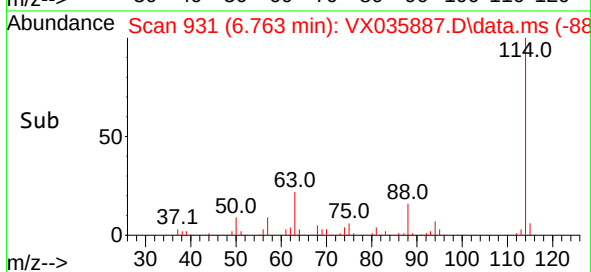
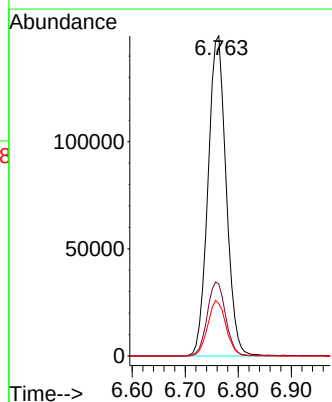
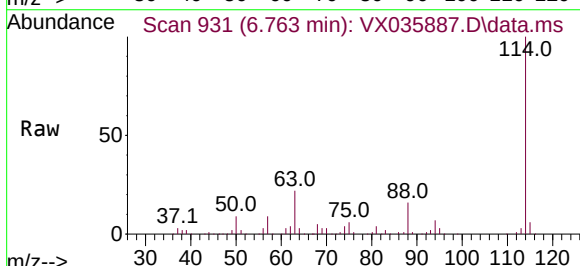
Tgt Ion: 114 Resp: 354875

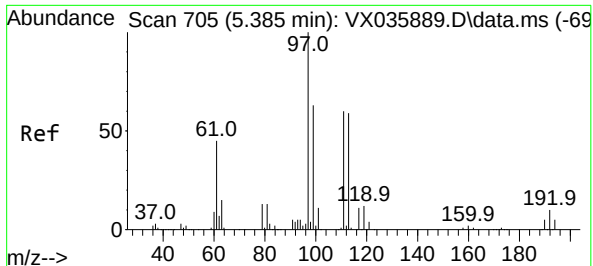
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.0

88 16.4 0.0 35.2

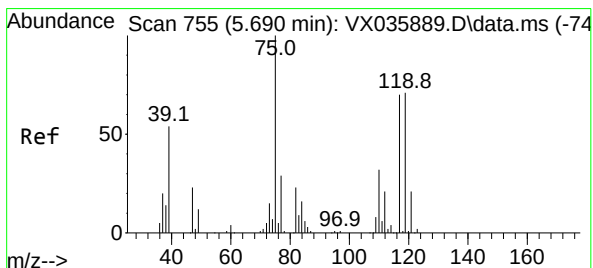
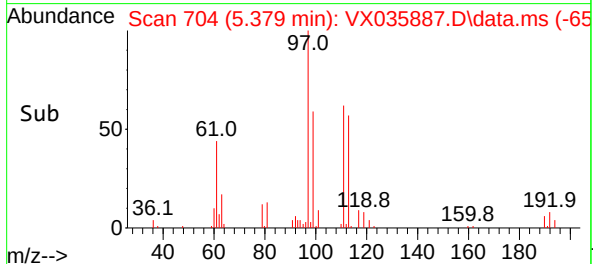
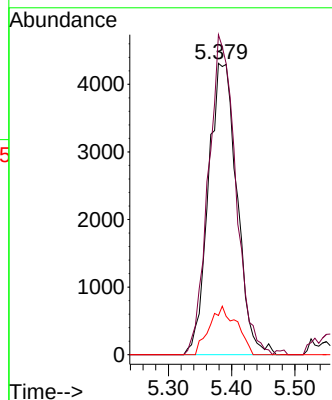
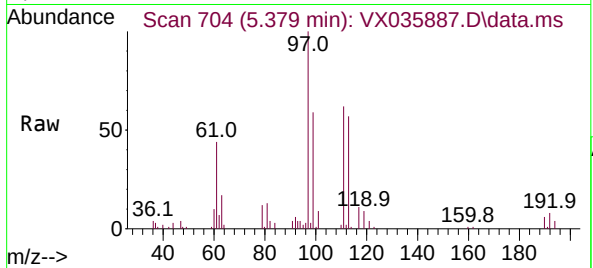




#35
Dibromofluoromethane
Concen: 5.541 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

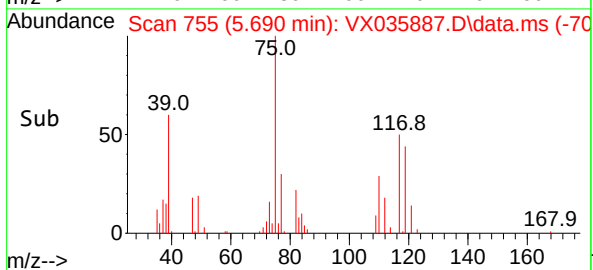
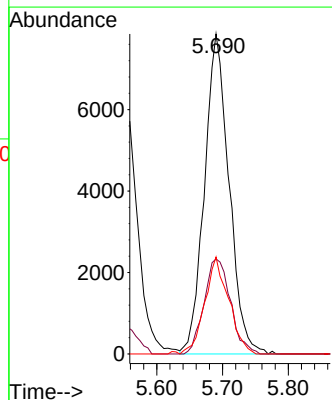
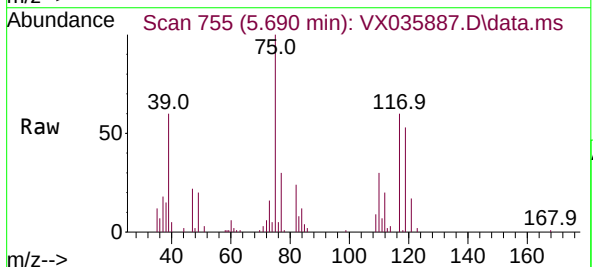
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

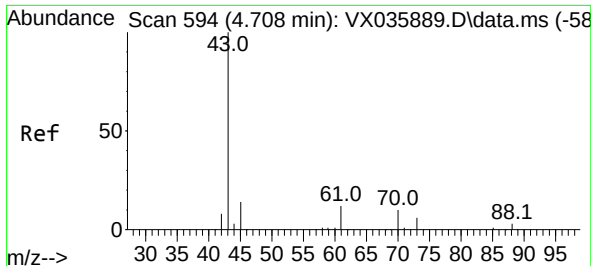
Tgt Ion:113 Resp: 13507
Ion Ratio Lower Upper
113 100
111 104.8 81.7 122.5
192 15.9 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.520 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 75 Resp: 20431
Ion Ratio Lower Upper
75 100
110 31.8 16.6 49.7
77 29.7 24.4 36.6





#37

Ethyl Acetate

Concen: 5.240 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

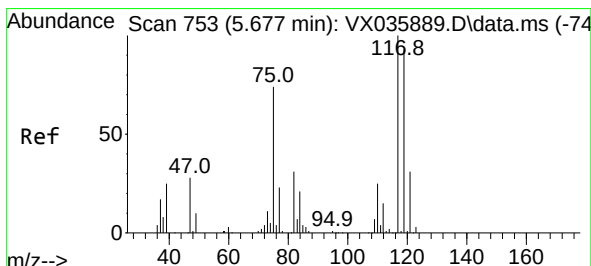
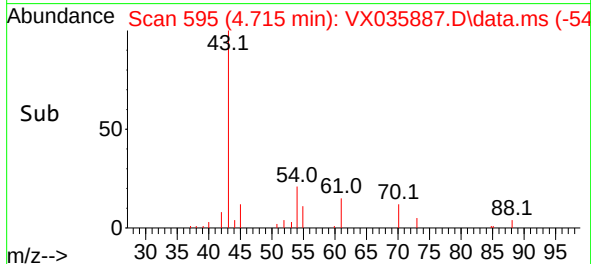
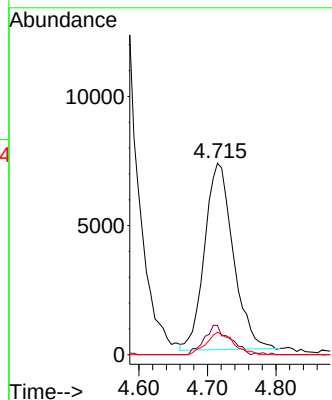
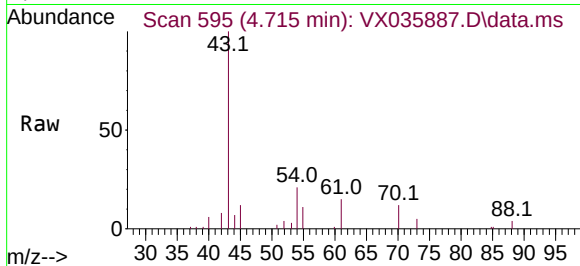
Tgt Ion: 43 Resp: 20997

Ion Ratio Lower Upper

43 100

61 13.9 10.3 15.5

70 11.2 8.3 12.5



#38

Carbon Tetrachloride

Concen: 5.054 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

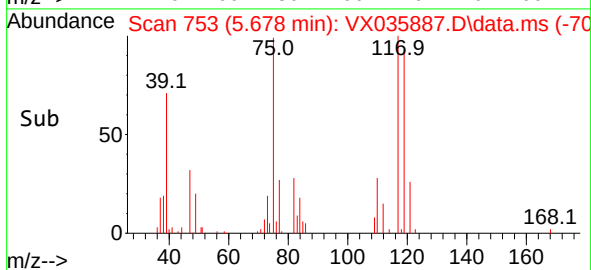
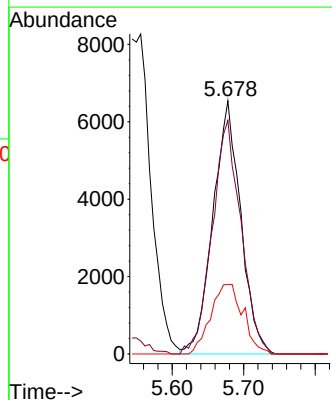
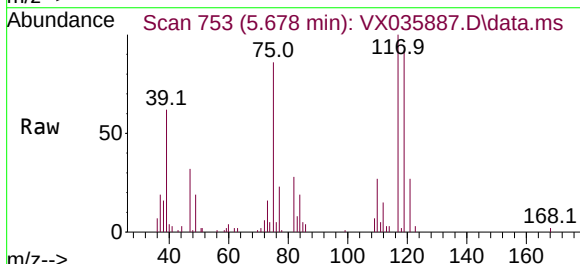
Tgt Ion: 117 Resp: 17633

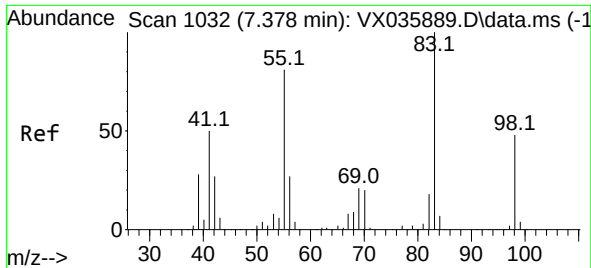
Ion Ratio Lower Upper

117 100

119 92.3 74.1 111.1

121 27.5 25.0 37.4

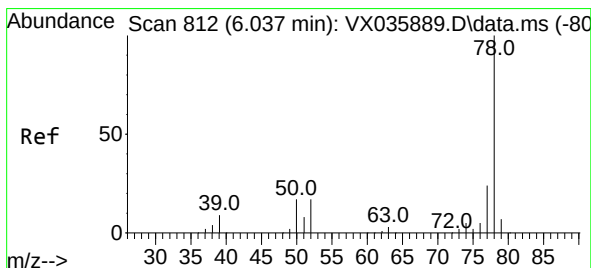
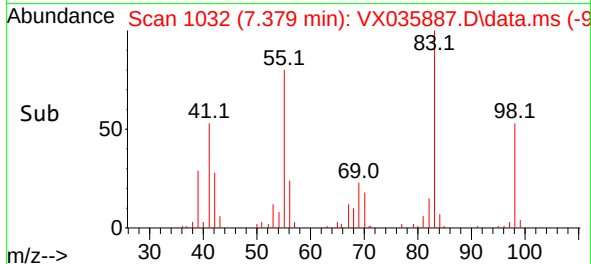
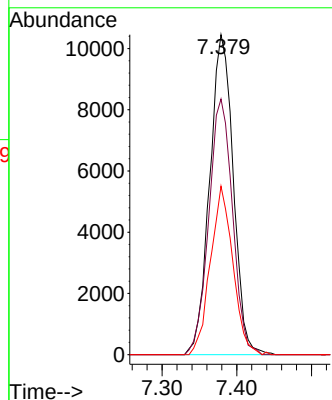
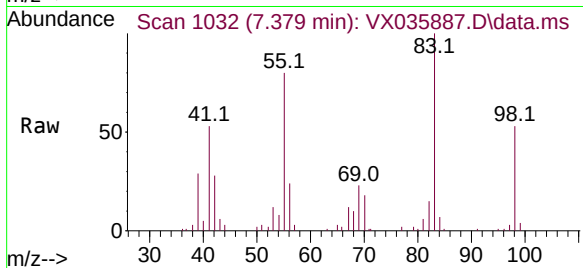




#39
Methylcyclohexane
Concen: 5.426 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

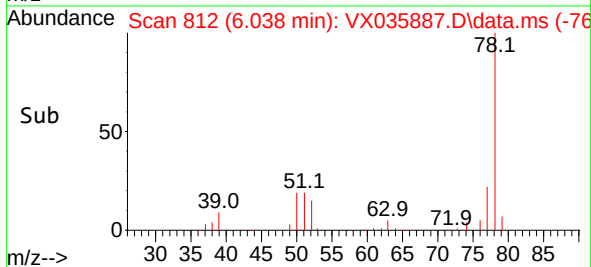
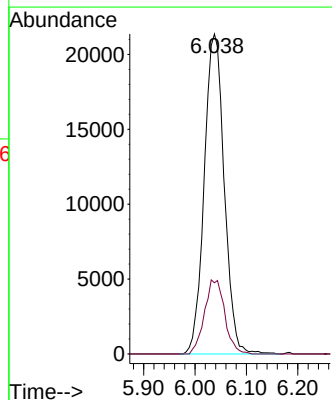
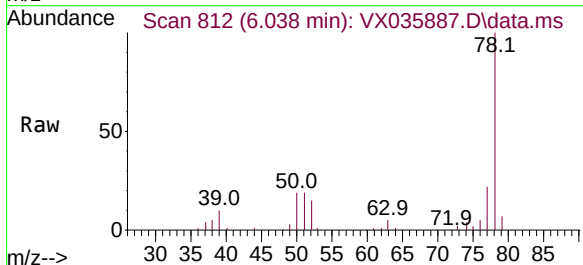
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

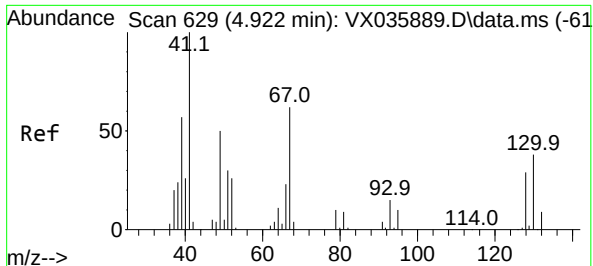
Tgt Ion:	83	Resp:	22917
Ion	Ratio	Lower	Upper
83	100		
55	79.9	64.9	97.3
98	52.6	38.1	57.1



#40
Benzene
Concen: 5.567 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion:	78	Resp:	57716
Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.0	28.6



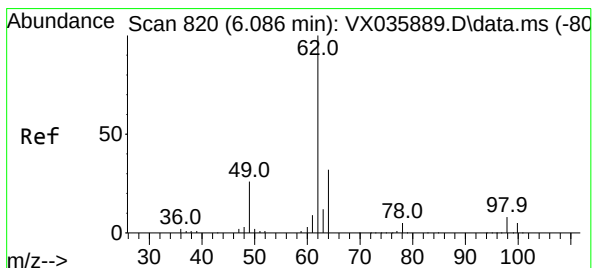
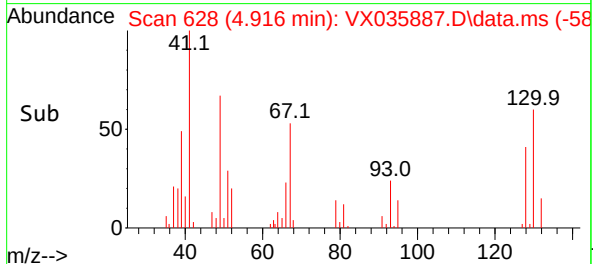
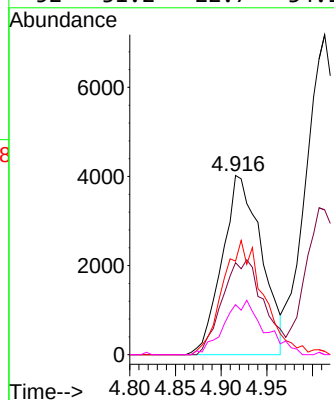
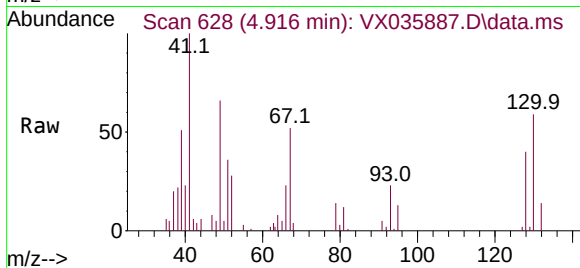


#41
Methacrylonitrile
Concen: 5.269 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 12018

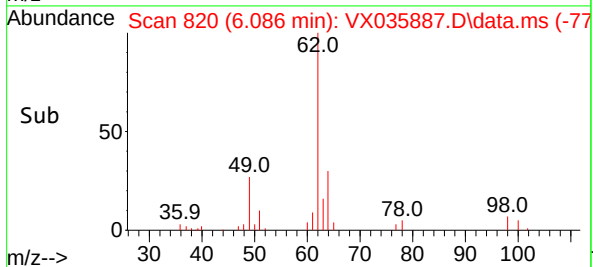
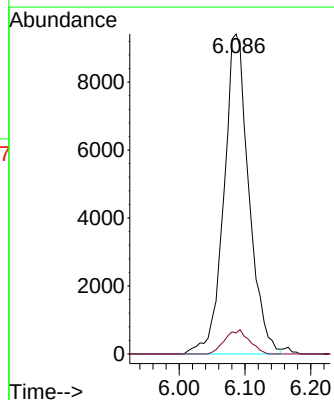
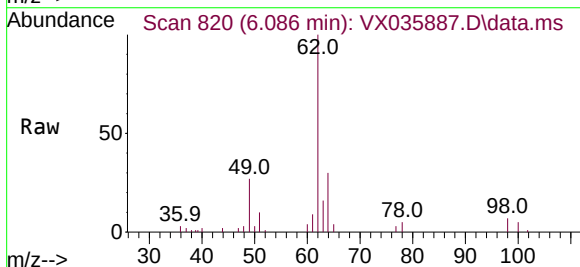
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.6	68.4
67	67.0	51.8	77.6
52	31.2	22.7	34.1

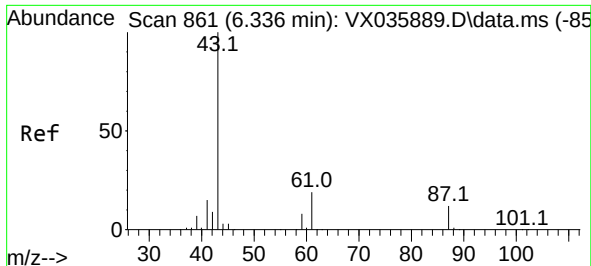


#42
1,2-Dichloroethane
Concen: 5.675 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 62 Resp: 24850

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	16.0





#43

Isopropyl Acetate

Concen: 5.266 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

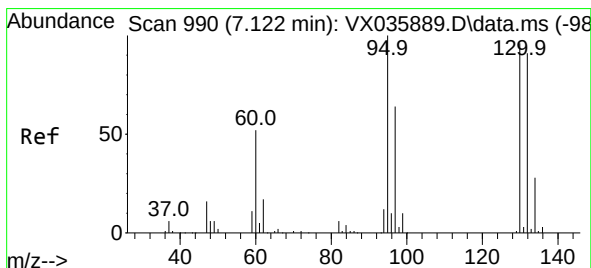
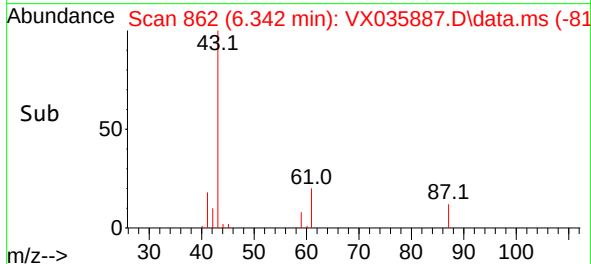
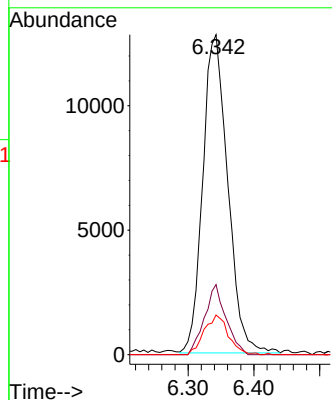
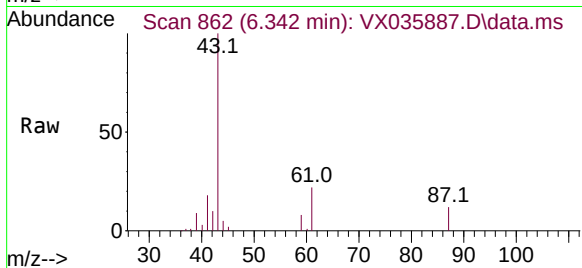
Tgt Ion: 43 Resp: 33814

Ion Ratio Lower Upper

43 100

61 18.9 15.0 22.4

87 12.0 9.9 14.9



#44

Trichloroethene

Concen: 5.376 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX035887.D

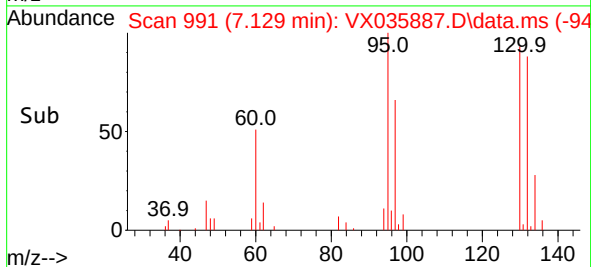
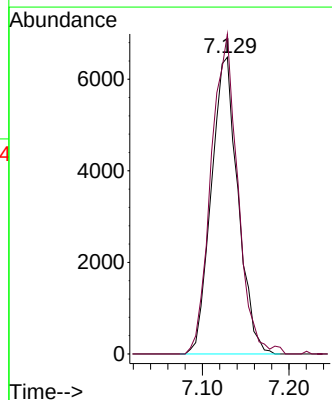
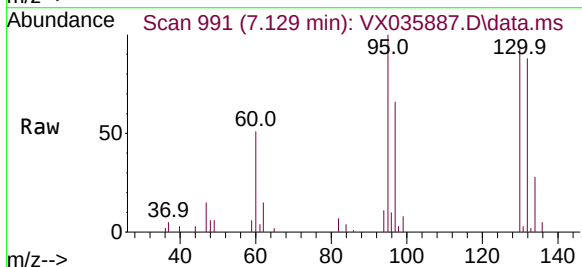
Acq: 26 May 2023 16:40

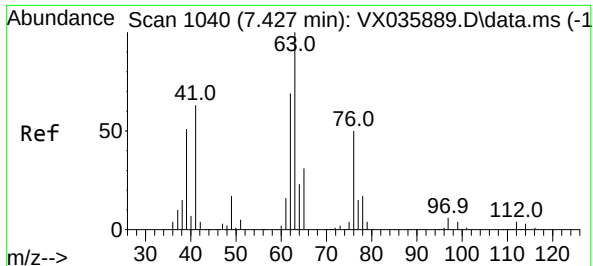
Tgt Ion:130 Resp: 13884

Ion Ratio Lower Upper

130 100

95 107.8 0.0 207.6





#45

1,2-Dichloropropane

Concen: 5.444 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

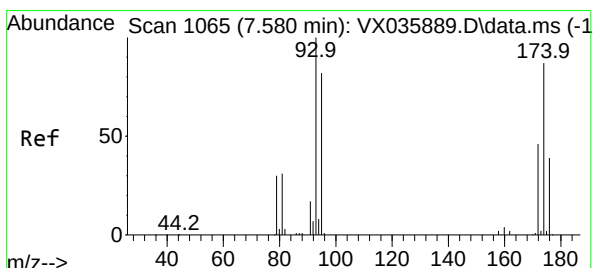
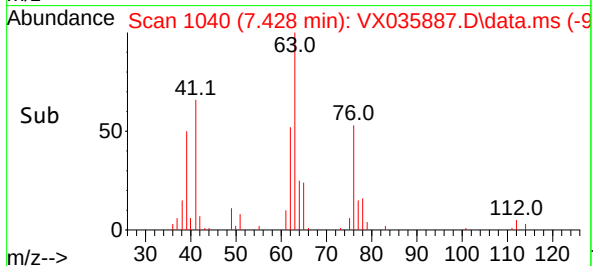
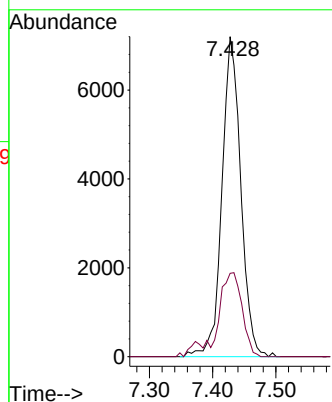
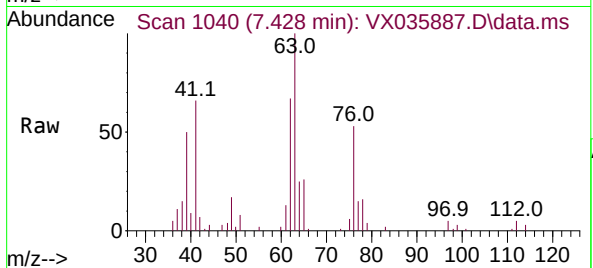
VSTDIC005

Tgt Ion: 63 Resp: 14885

Ion Ratio Lower Upper

63 100

65 26.0 24.8 37.2



#46

Dibromomethane

Concen: 5.455 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

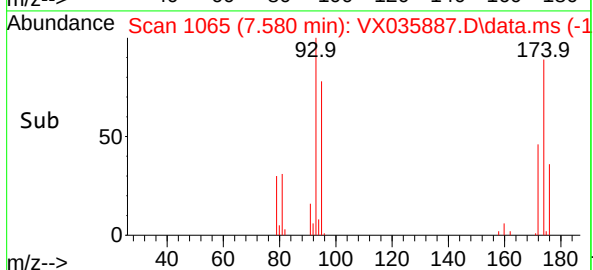
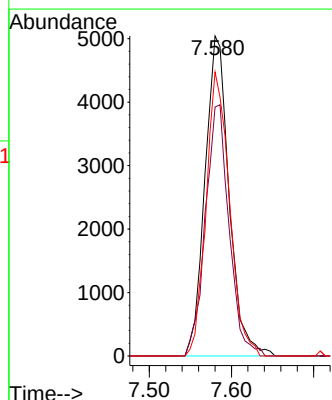
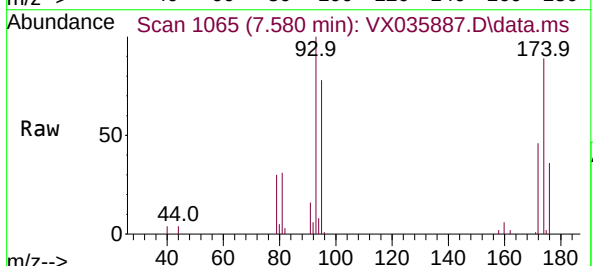
Tgt Ion: 93 Resp: 10241

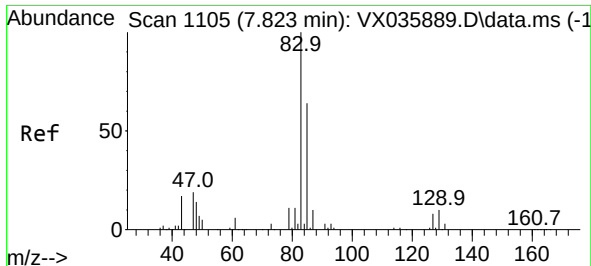
Ion Ratio Lower Upper

93 100

95 77.4 66.2 99.2

174 86.3 69.5 104.3

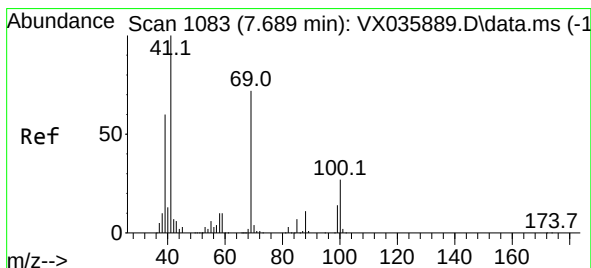
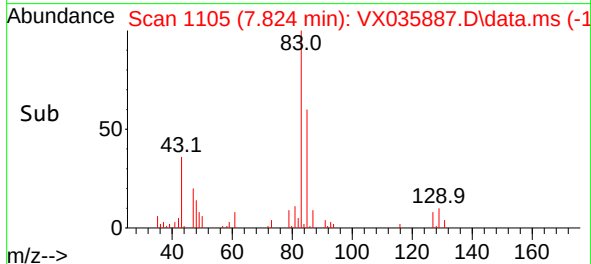
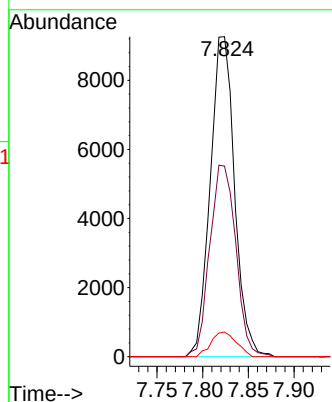
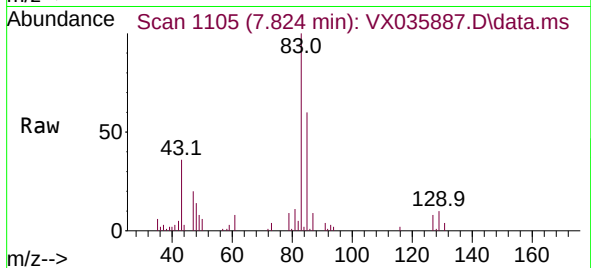




#47
Bromodichloromethane
Concen: 4.917 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

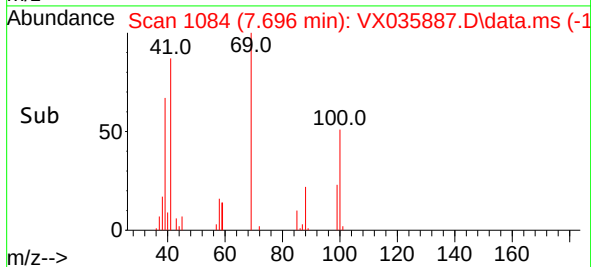
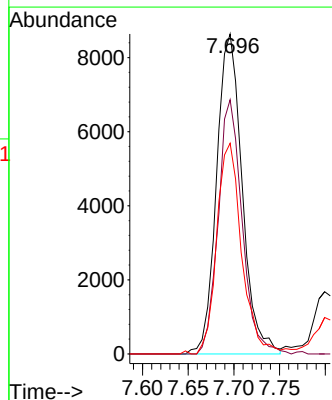
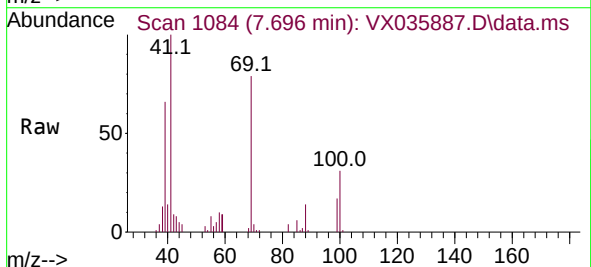
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

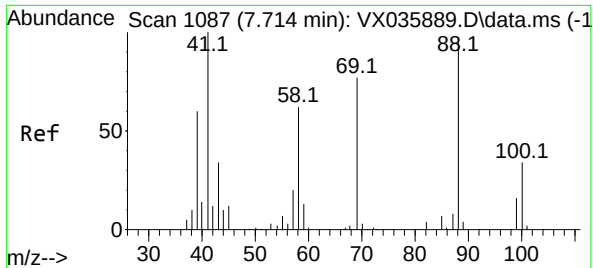
Tgt Ion: 83	Resp:	17205
Ion	Ratio	Lower Upper
83	100	
85	59.6	51.3 76.9
127	7.7	6.6 10.0



#48
Methyl methacrylate
Concen: 5.101 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 41	Resp:	16813
Ion	Ratio	Lower Upper
41	100	
69	74.5	59.0 88.6
39	64.7	48.4 72.6





#49

1,4-Dioxane

Concen: 105.889 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

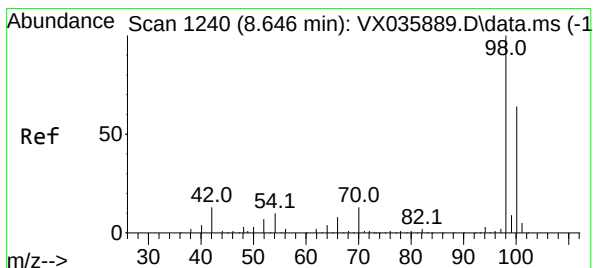
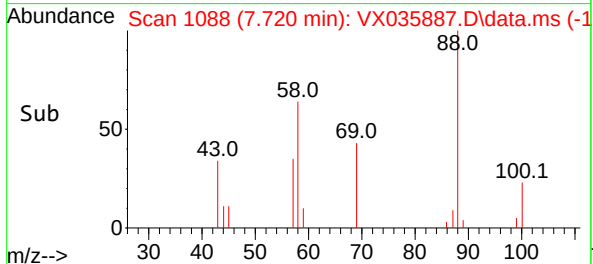
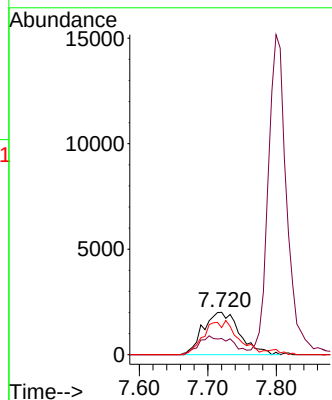
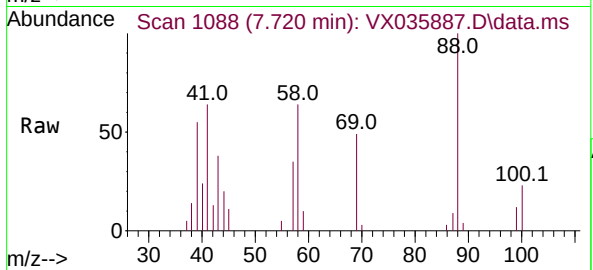
Tgt Ion: 88 Resp: 7448

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

58 74.9 58.9 88.3



#50

Toluene-d8

Concen: 5.640 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035887.D

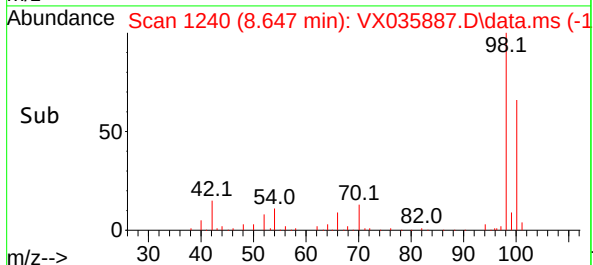
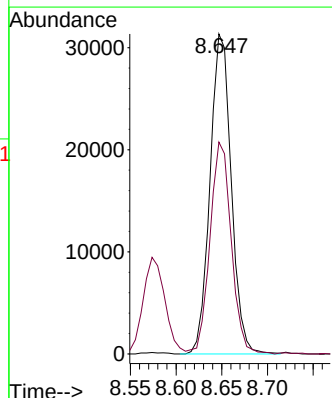
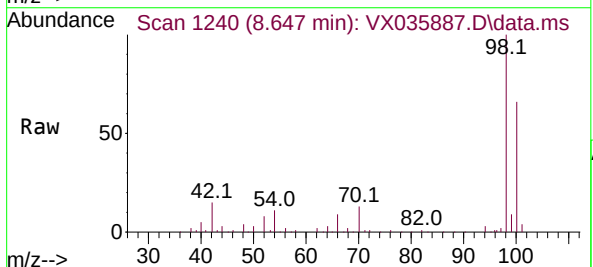
Acq: 26 May 2023 16:40

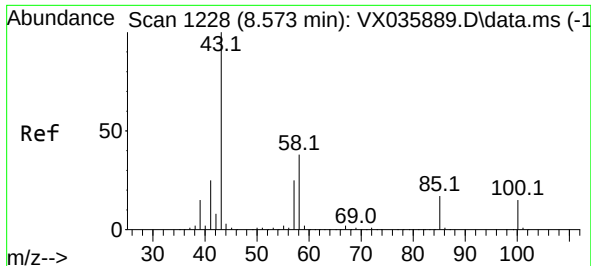
Tgt Ion: 98 Resp: 50458

Ion Ratio Lower Upper

98 100

100 66.4 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 27.760 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

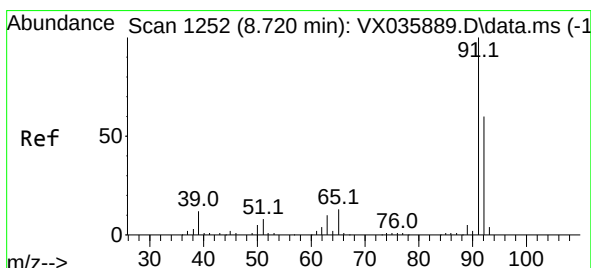
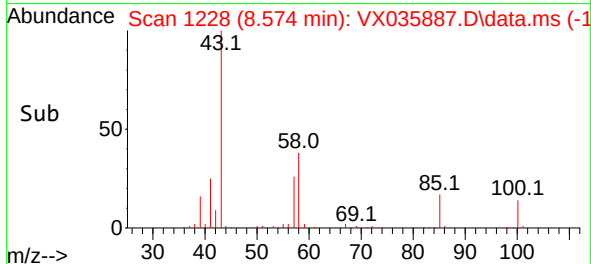
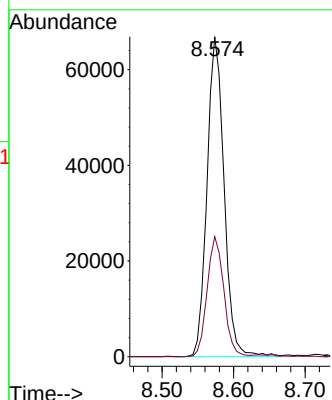
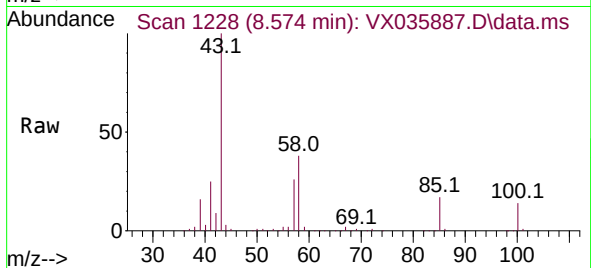
VSTDIC005

Tgt Ion: 43 Resp: 110958

Ion Ratio Lower Upper

43 100

58 36.8 30.1 45.1



#52

Toluene

Concen: 5.433 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035887.D

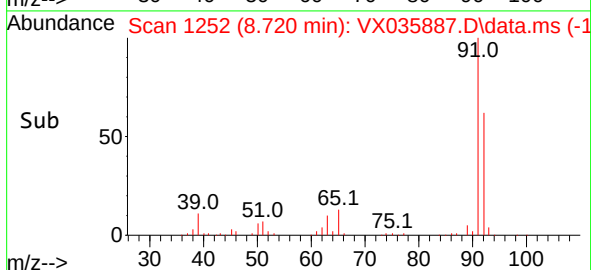
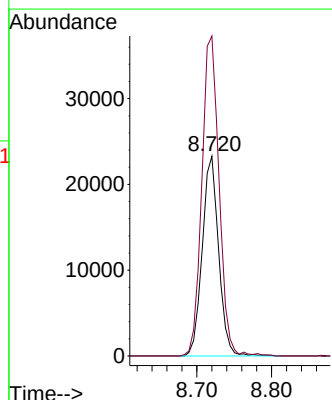
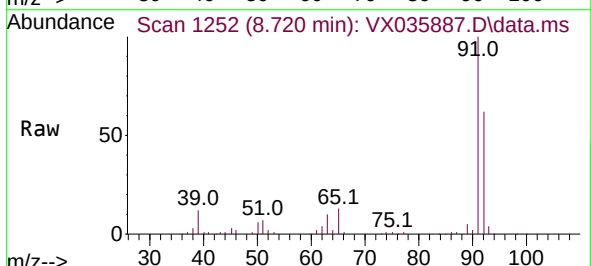
Acq: 26 May 2023 16:40

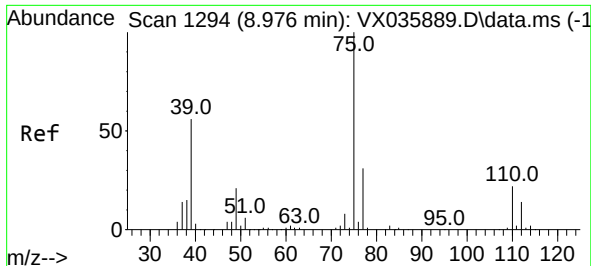
Tgt Ion: 92 Resp: 35375

Ion Ratio Lower Upper

92 100

91 168.8 133.5 200.3

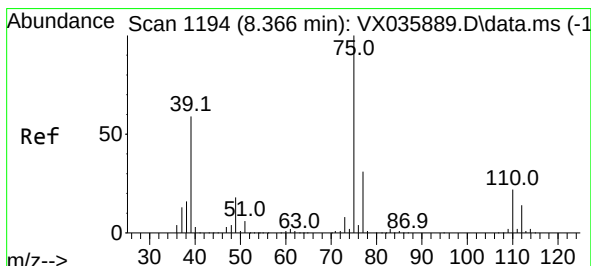
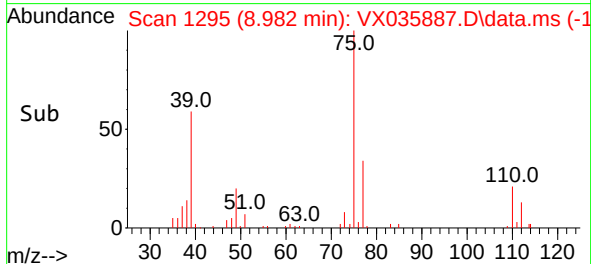
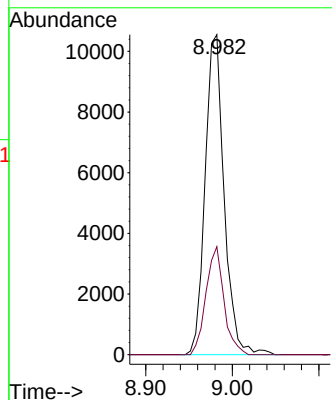
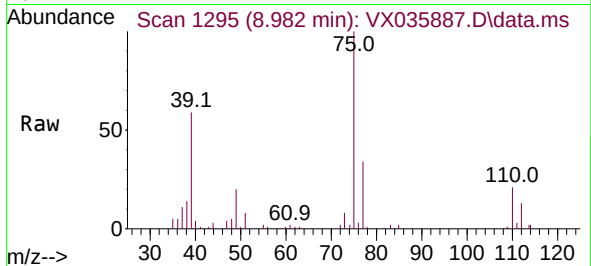




#53
 t-1,3-Dichloropropene
 Concen: 4.451 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.006 min
 Lab File: VX035887.D
 Acq: 26 May 2023 16:40

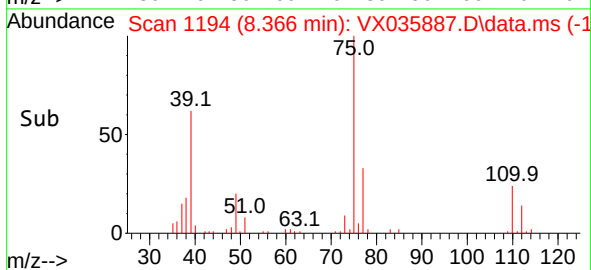
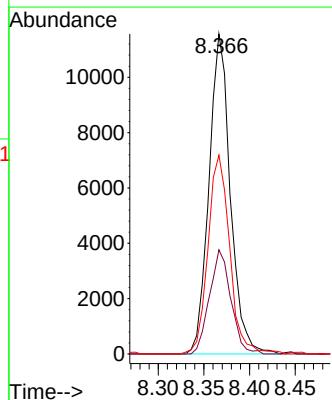
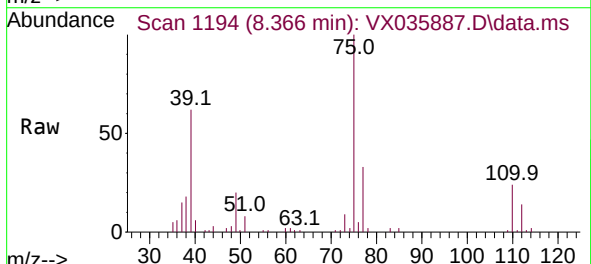
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

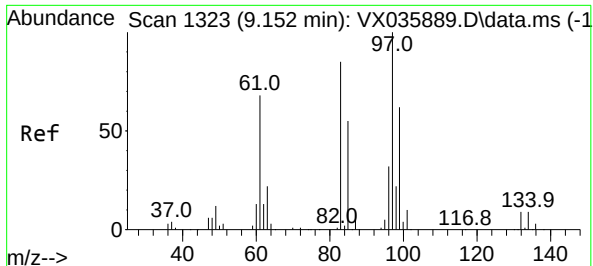
Tgt Ion: 75 Resp: 16083
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 4.779 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035887.D
 Acq: 26 May 2023 16:40

Tgt Ion: 75 Resp: 18850
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.7 37.1
 39 62.1 47.0 70.6





#55

1,1,2-Trichloroethane

Concen: 5.451 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 97 Resp: 14070

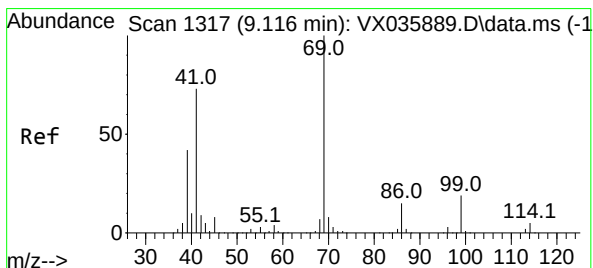
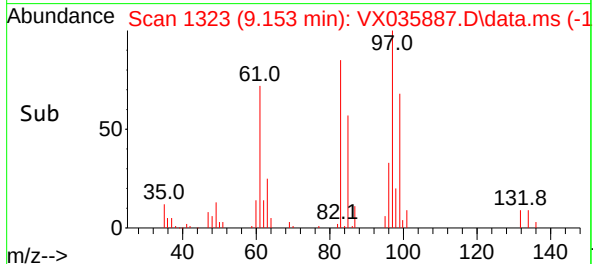
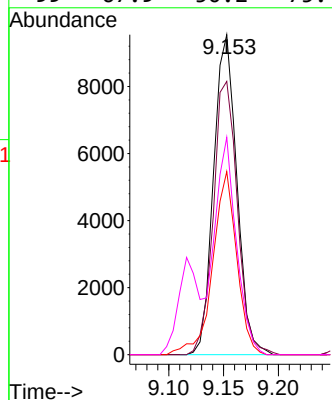
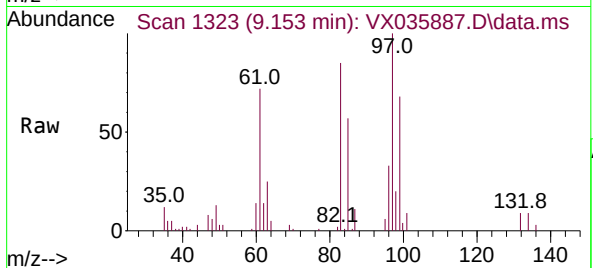
Ion Ratio Lower Upper

97 100

83 85.4 68.3 102.5

85 57.2 44.2 66.2

99 67.9 50.2 75.4



#56

Ethyl methacrylate

Concen: 5.183 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

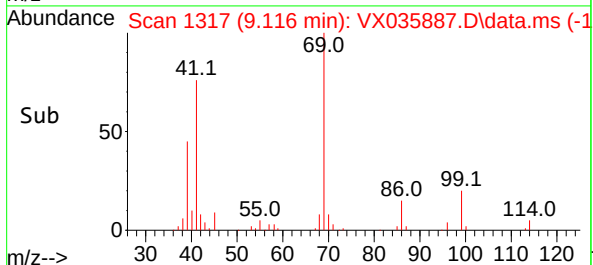
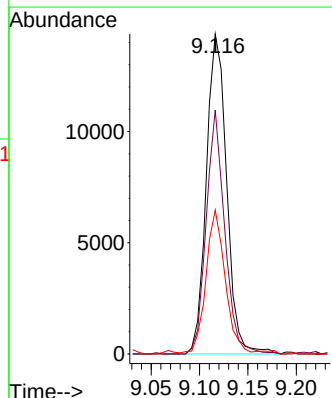
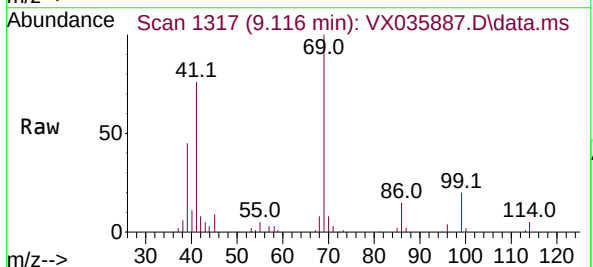
Tgt Ion: 69 Resp: 21065

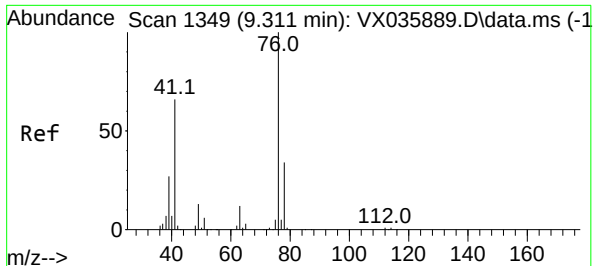
Ion Ratio Lower Upper

69 100

41 69.6 58.9 88.3

39 41.8 33.4 50.0





#57

1,3-Dichloropropane

Concen: 5.346 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

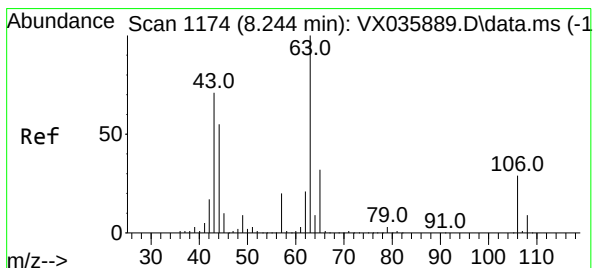
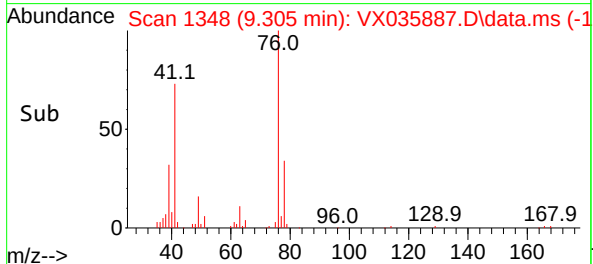
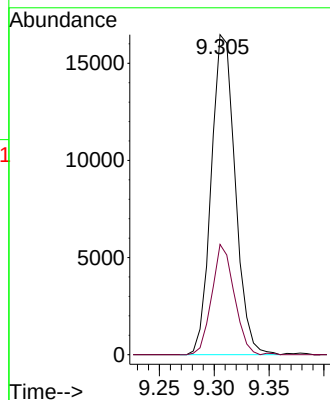
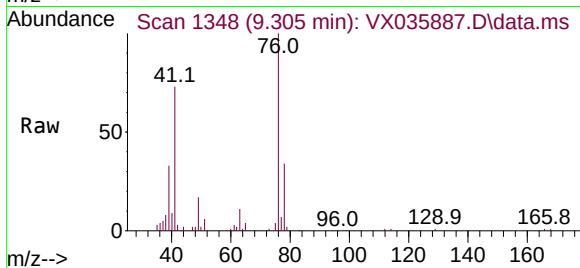
VSTDICC005

Tgt Ion: 76 Resp: 25032

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 27.242 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX035887.D

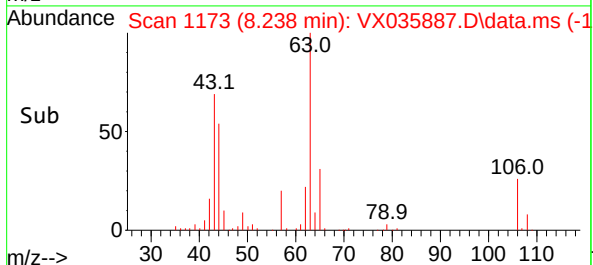
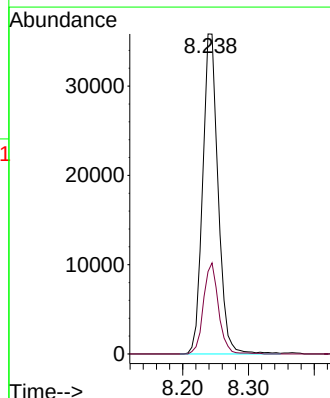
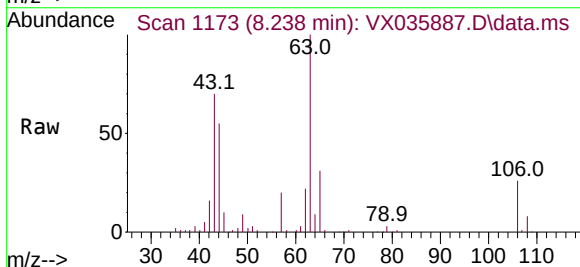
Acq: 26 May 2023 16:40

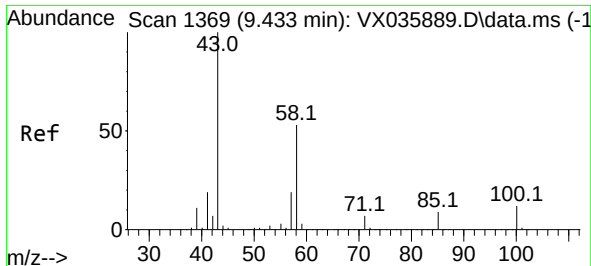
Tgt Ion: 63 Resp: 58581

Ion Ratio Lower Upper

63 100

106 27.7 22.3 33.5

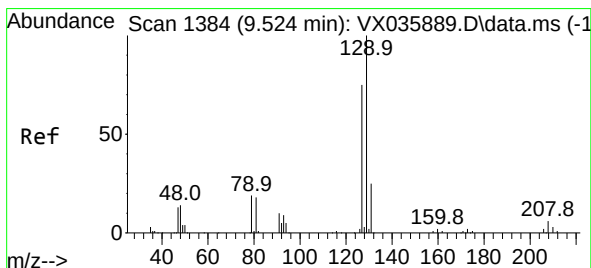
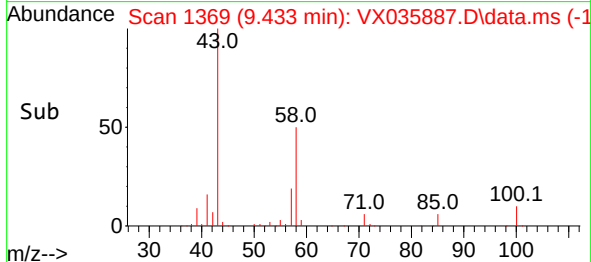
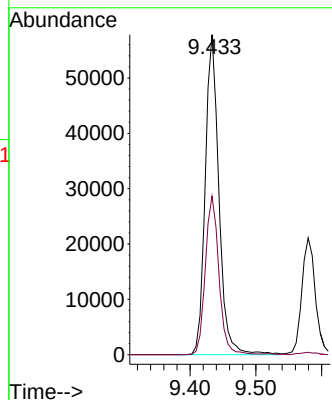
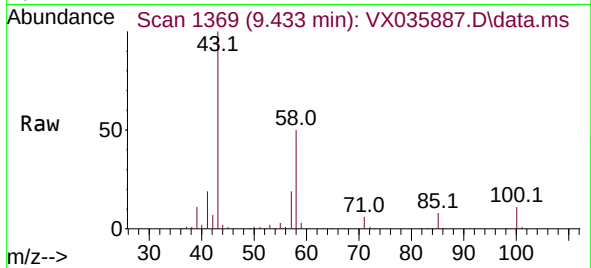




#59
2-Hexanone
Concen: 27.729 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

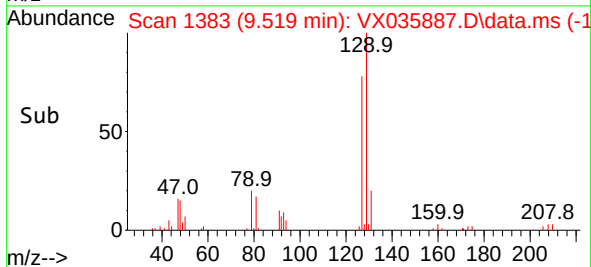
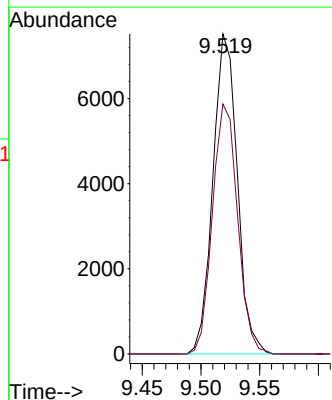
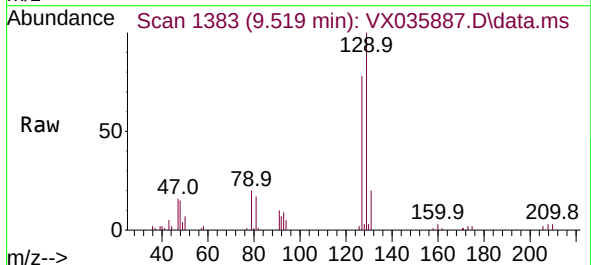
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

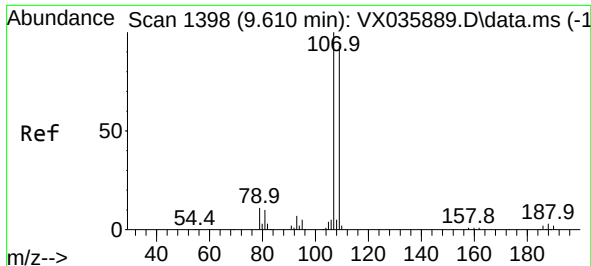
Tgt Ion: 43 Resp: 83772
Ion Ratio Lower Upper
43 100
58 49.2 26.3 78.8



#60
Dibromochloromethane
Concen: 4.582 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.005 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 129 Resp: 10823
Ion Ratio Lower Upper
129 100
127 80.7 38.4 115.1

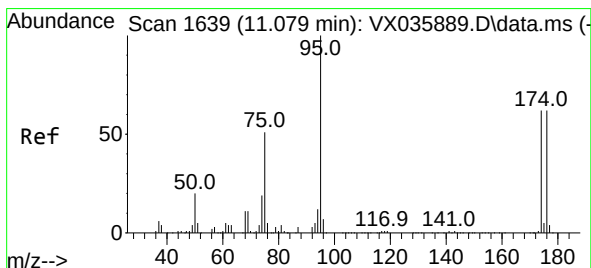
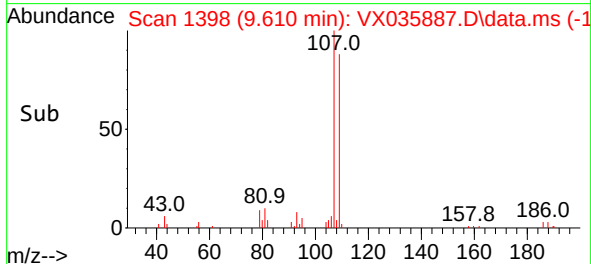
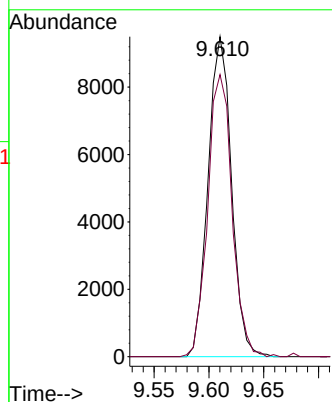
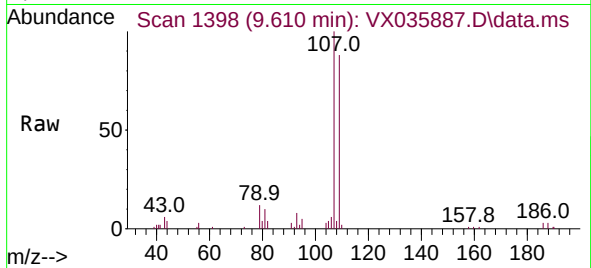




#61
1,2-Dibromoethane
Concen: 5.203 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

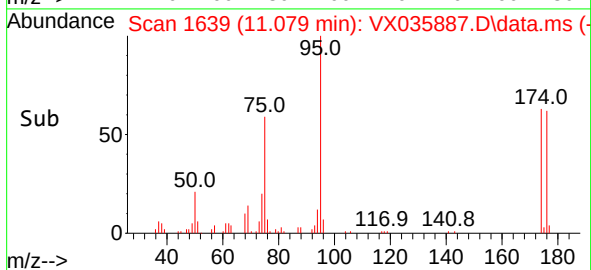
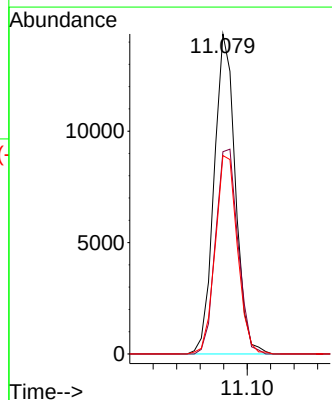
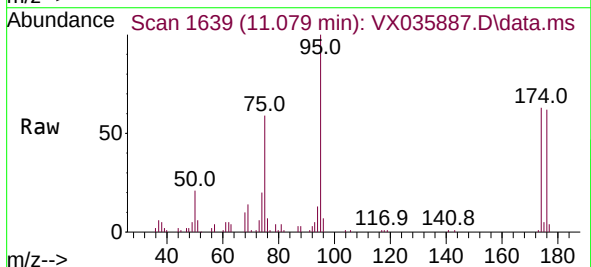
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

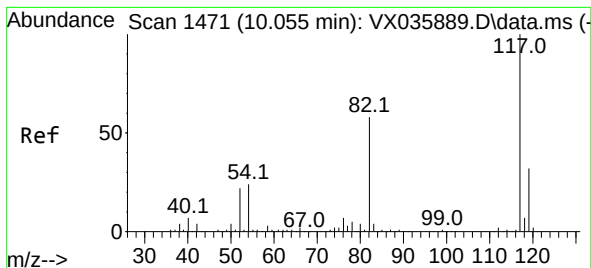
Tgt Ion:107 Resp: 14144
Ion Ratio Lower Upper
107 100
109 91.3 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 5.119 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 95 Resp: 18043
Ion Ratio Lower Upper
95 100
174 67.4 0.0 132.6
176 64.7 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

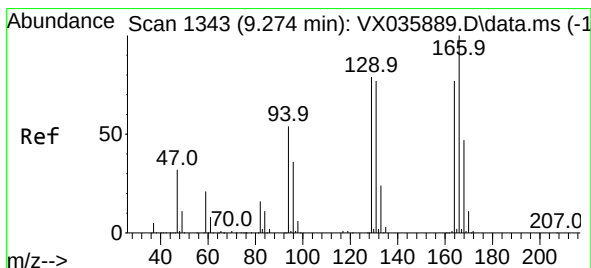
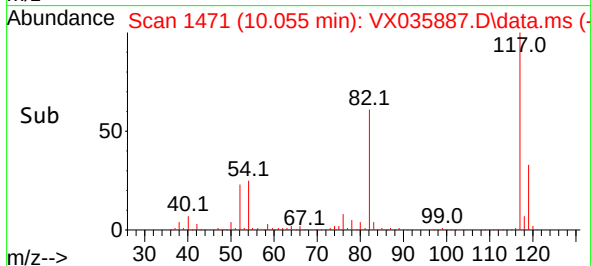
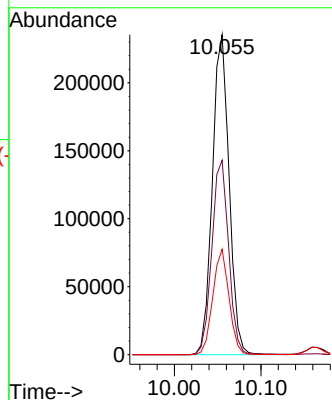
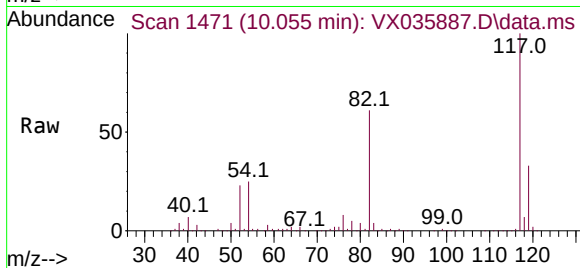
Tgt Ion:117 Resp: 315590

Ion Ratio Lower Upper

117 100

82 60.8 46.6 69.8

119 32.9 25.4 38.2



#64

Tetrachloroethene

Concen: 5.578 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Tgt Ion:164 Resp: 11916

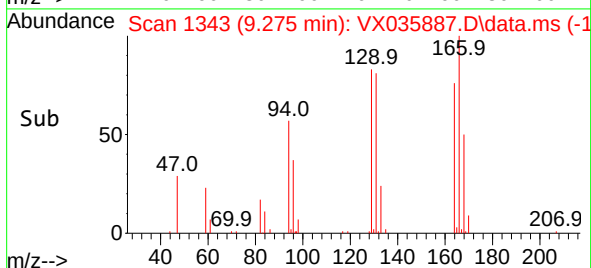
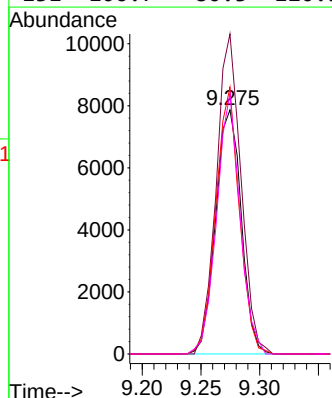
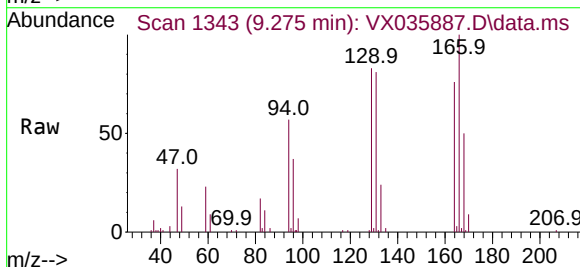
Ion Ratio Lower Upper

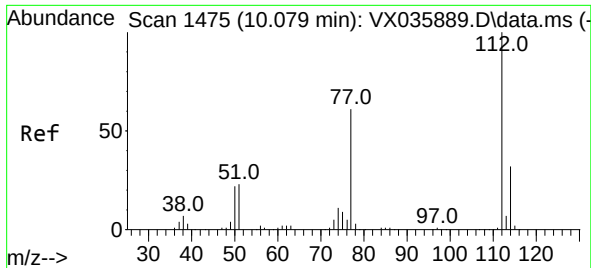
164 100

166 131.1 104.4 156.6

129 109.3 82.0 123.0

131 106.7 80.3 120.5

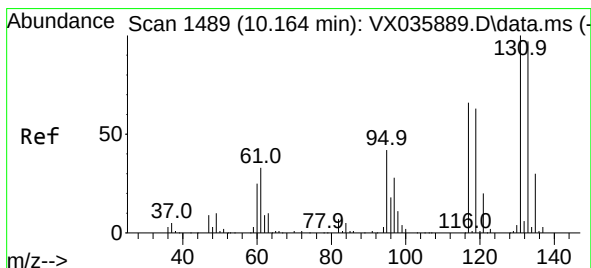
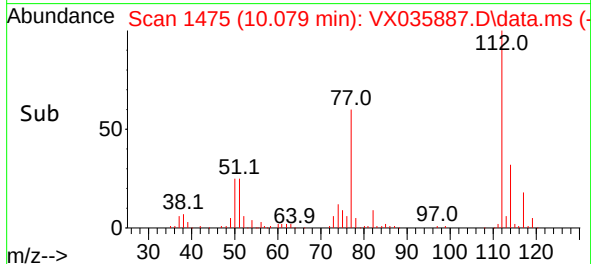
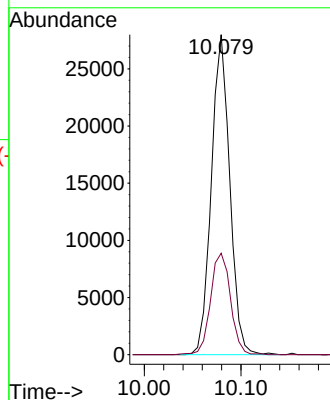
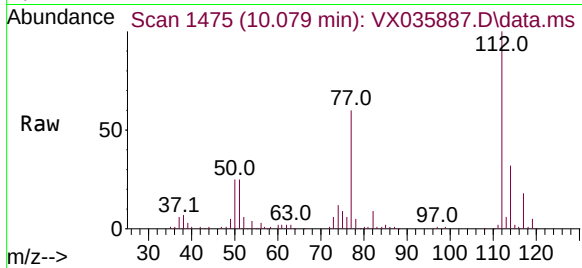




#65
Chlorobenzene
Concen: 5.514 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

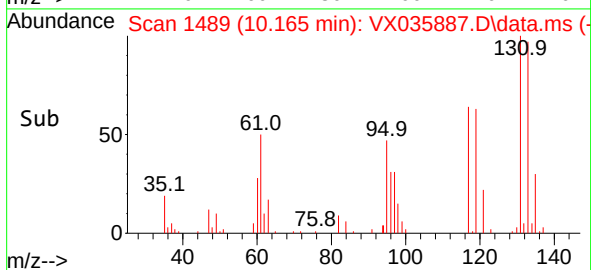
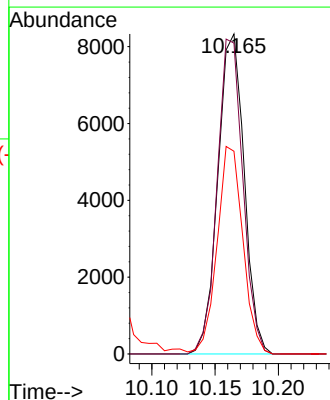
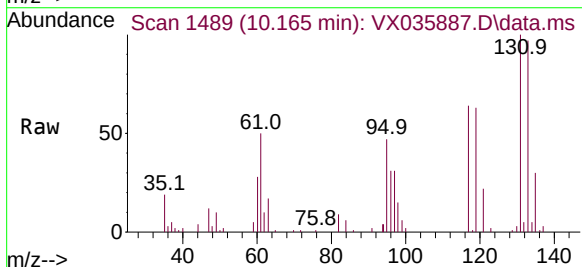
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

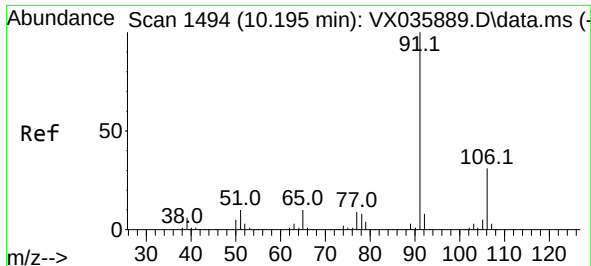
Tgt Ion:112 Resp: 37044
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.221 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion:131 Resp: 12034
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.3
119 63.5 32.1 96.5

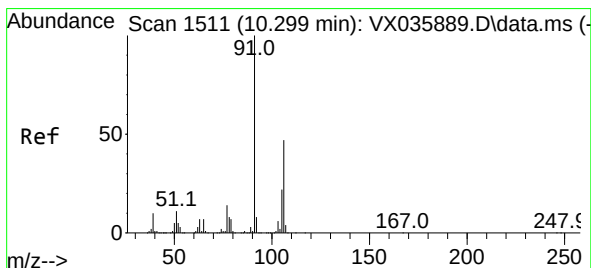
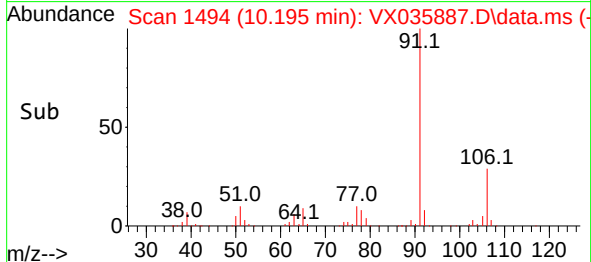
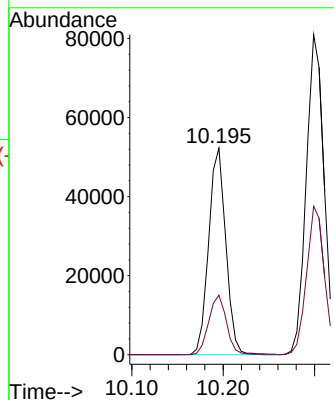
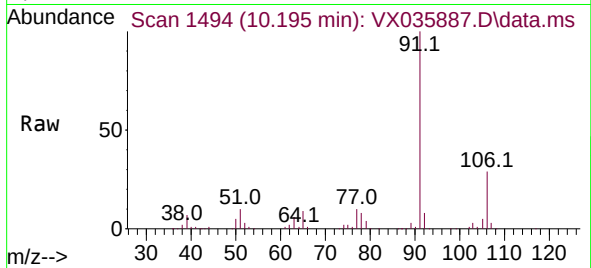




#67
Ethyl Benzene
Concen: 5.460 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

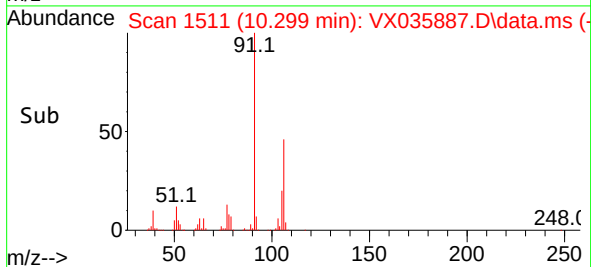
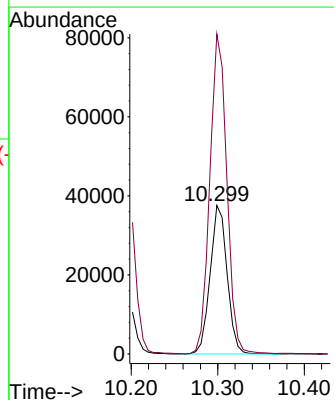
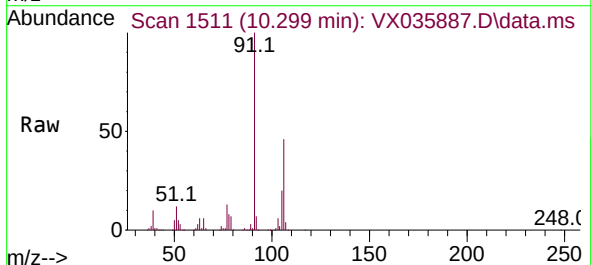
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

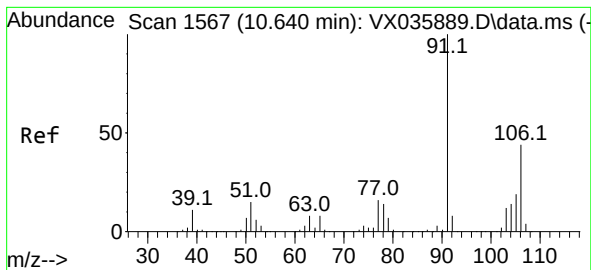
Tgt Ion: 91 Resp: 68060
Ion Ratio Lower Upper
91 100
106 28.8 24.6 37.0



#68
m/p-Xylenes
Concen: 11.088 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 106 Resp: 51139
Ion Ratio Lower Upper
106 100
91 215.9 169.8 254.8





#69

o-Xylene

Concen: 5.538 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

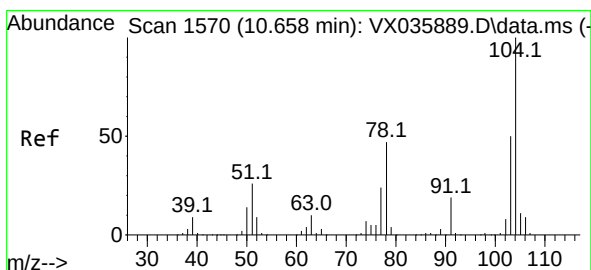
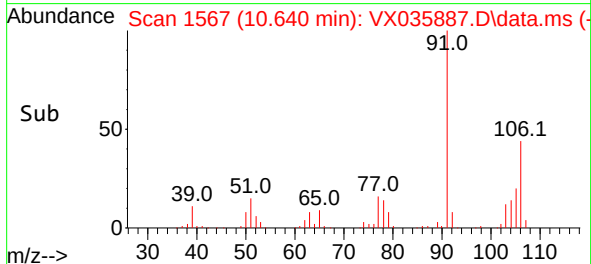
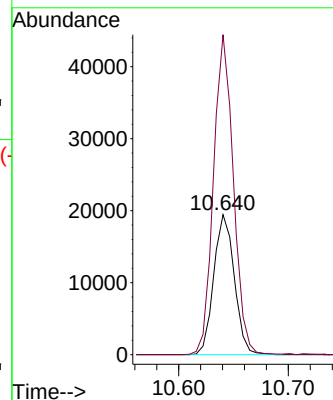
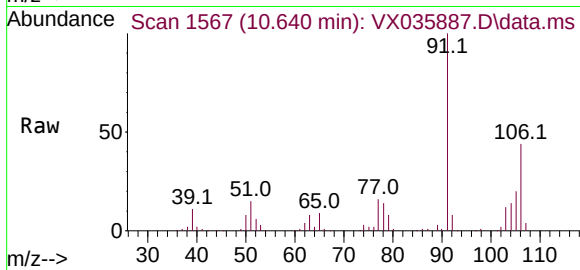
VSTDIC005

Tgt Ion:106 Resp: 25372

Ion Ratio Lower Upper

106 100

91 221.0 112.5 337.4



#70

Styrene

Concen: 5.350 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

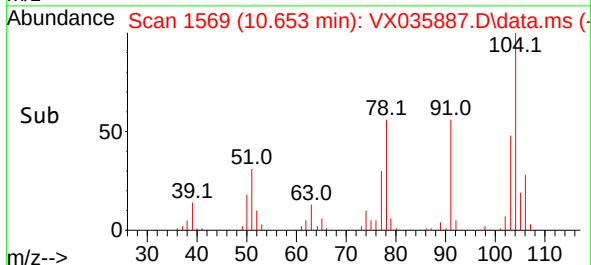
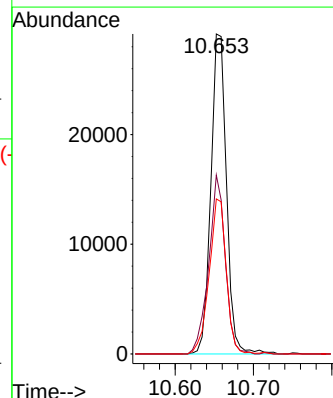
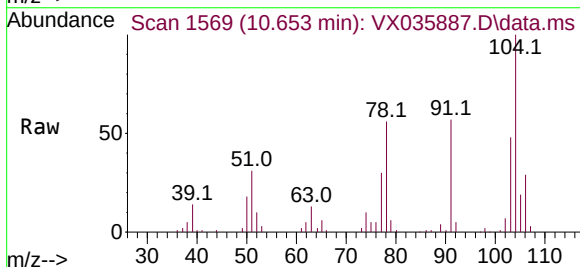
Tgt Ion:104 Resp: 40269

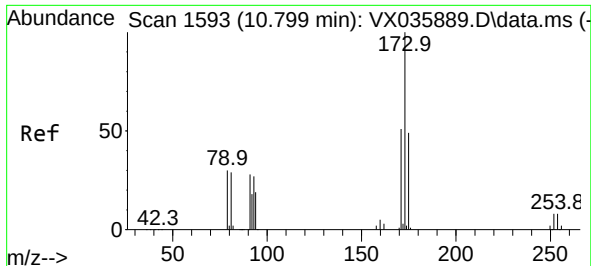
Ion Ratio Lower Upper

104 100

78 59.0 44.7 67.1

103 53.1 44.0 66.0

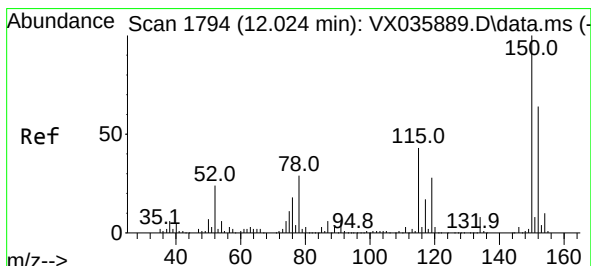
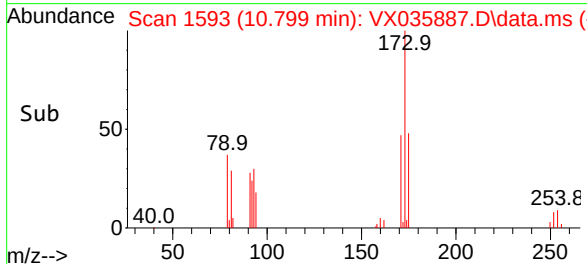
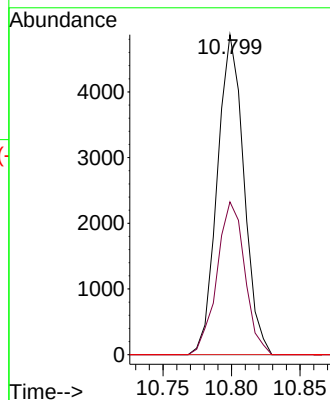
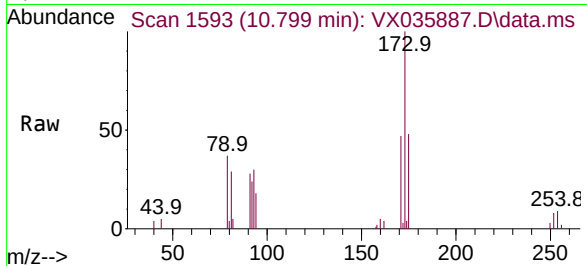




#71
Bromoform
Concen: 4.399 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

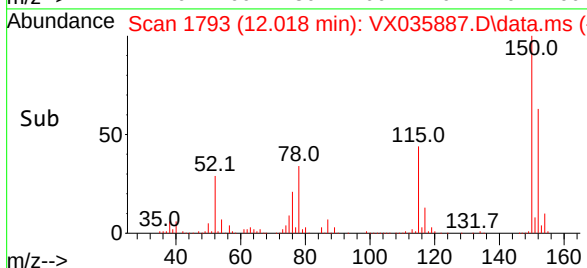
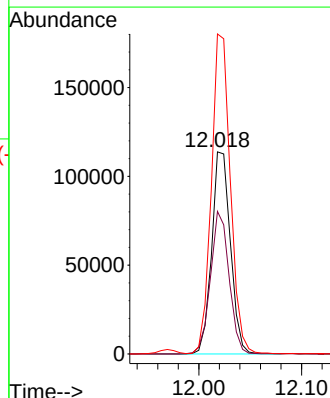
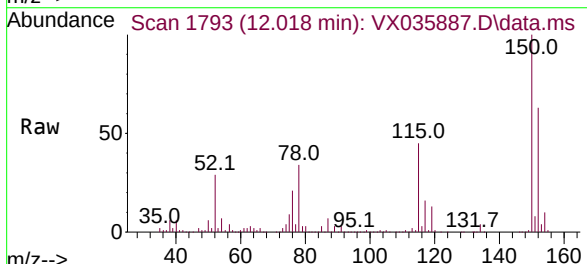
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

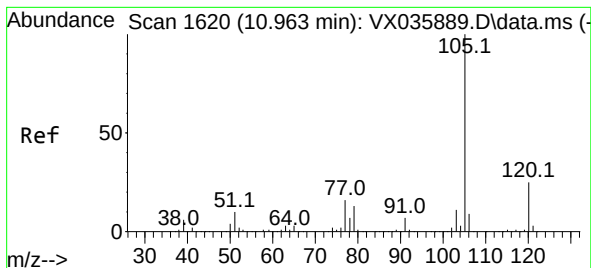
Tgt Ion:173 Resp: 6556
Ion Ratio Lower Upper
173 100
175 50.1 24.2 72.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion:152 Resp: 144097
Ion Ratio Lower Upper
152 100
115 70.1 45.5 136.5
150 160.3 0.0 345.2





#73

Isopropylbenzene

Concen: 5.682 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

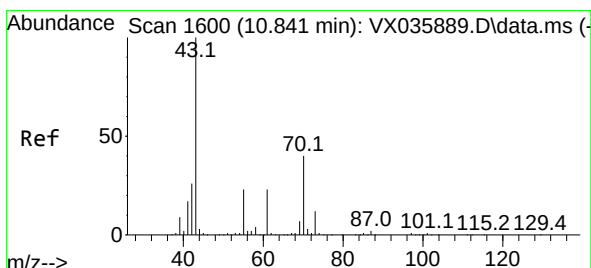
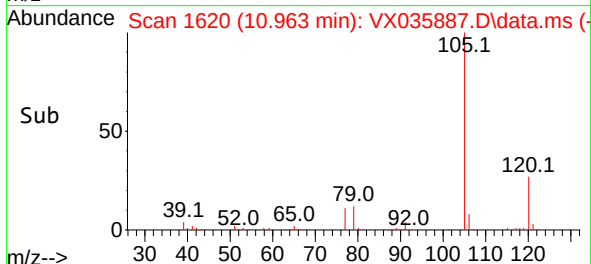
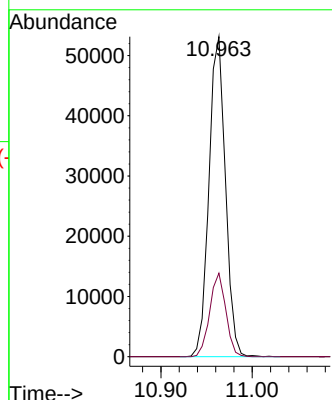
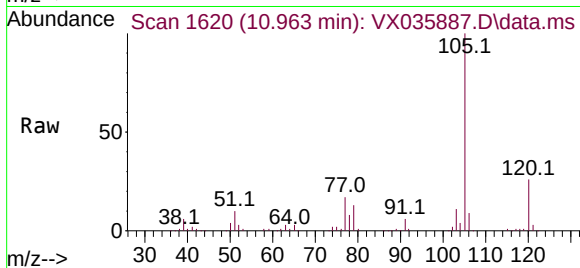
VSTDIC005

Tgt Ion:105 Resp: 66400

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.0



#74

N-ethyl acetate

Concen: 5.326 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Tgt Ion: 43 Resp: 27070

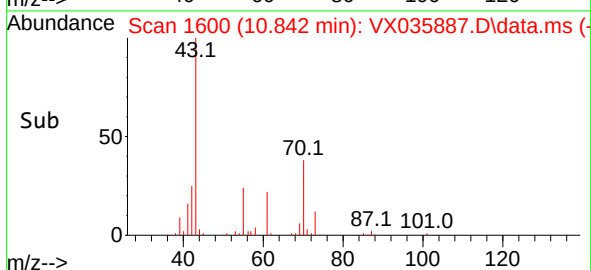
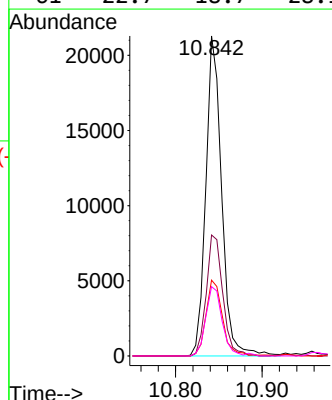
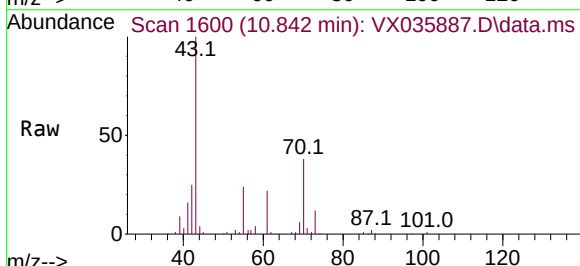
Ion Ratio Lower Upper

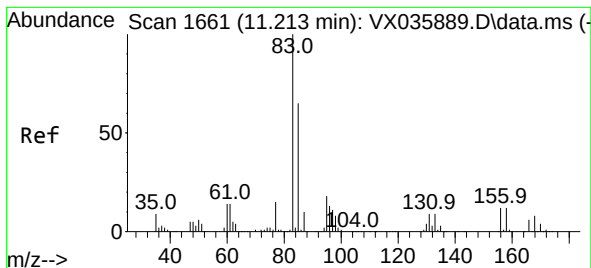
43 100

70 39.3 32.6 48.8

55 24.8 19.0 28.4

61 22.7 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.604 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

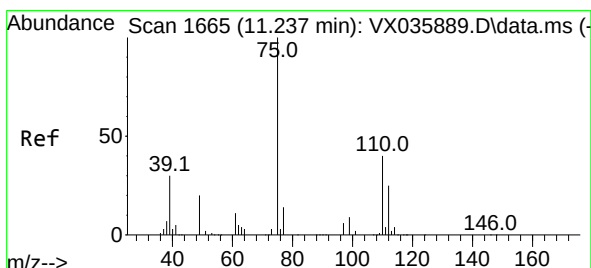
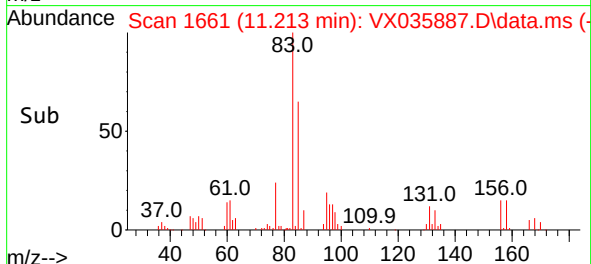
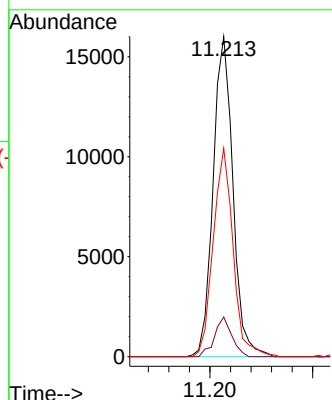
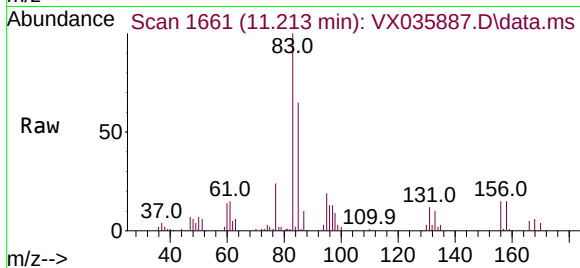
Tgt Ion: 83 Resp: 21406

Ion Ratio Lower Upper

83 100

131 10.8 4.9 14.7

85 65.3 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 6.187 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX035887.D

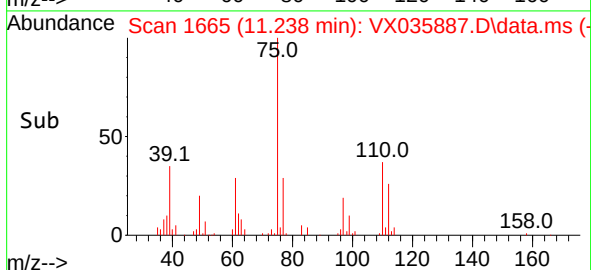
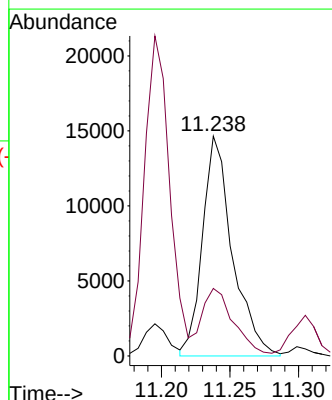
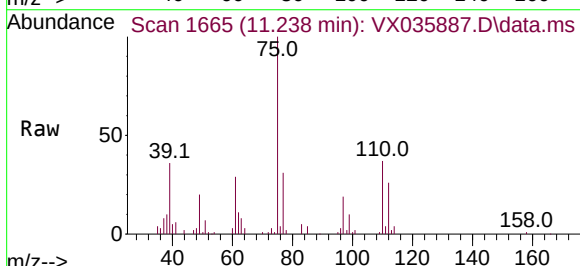
Acq: 26 May 2023 16:40

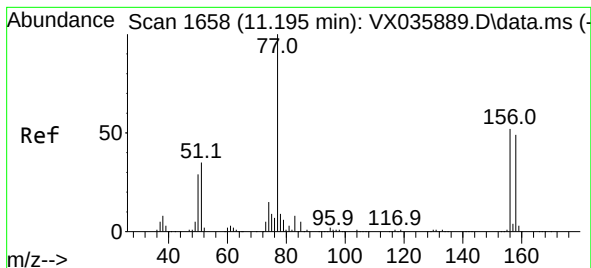
Tgt Ion: 75 Resp: 22249

Ion Ratio Lower Upper

75 100

77 33.1 21.4 64.2





#77

Bromobenzene

Concen: 5.609 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

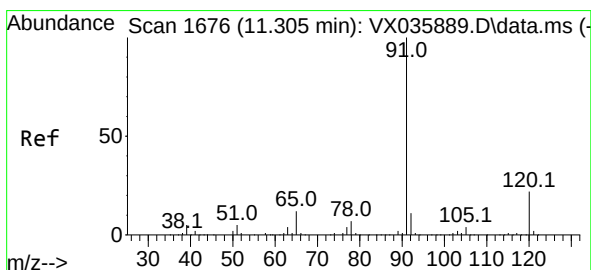
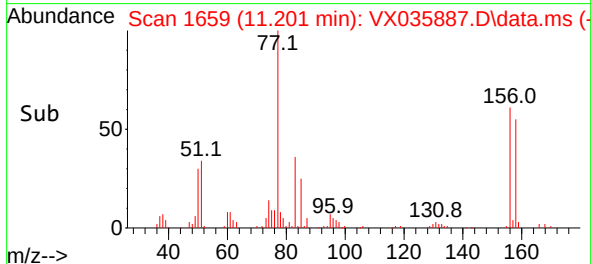
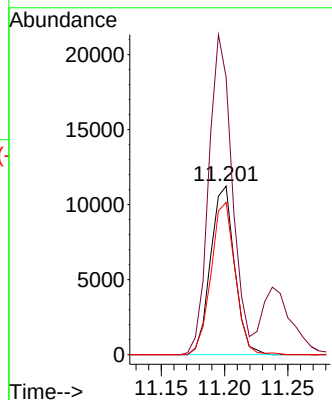
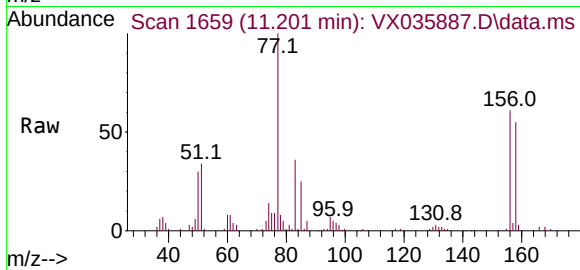
Tgt Ion:156 Resp: 14785

Ion Ratio Lower Upper

156 100

77 186.3 90.8 272.3

158 91.1 47.4 142.3



#78

n-propylbenzene

Concen: 5.521 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035887.D

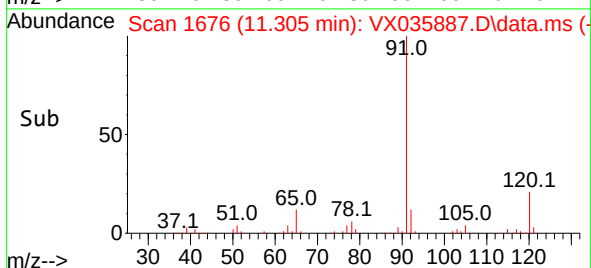
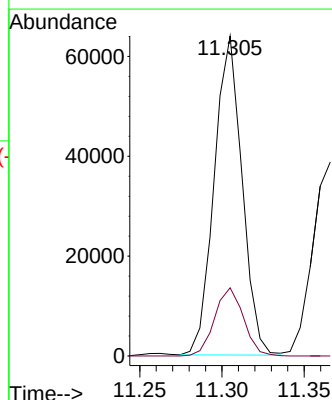
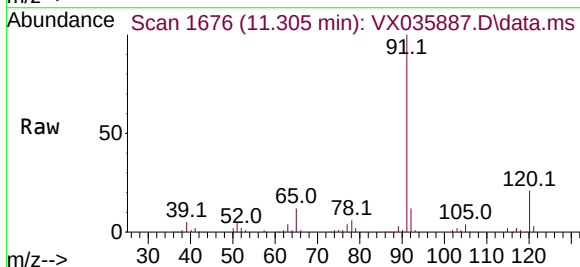
Acq: 26 May 2023 16:40

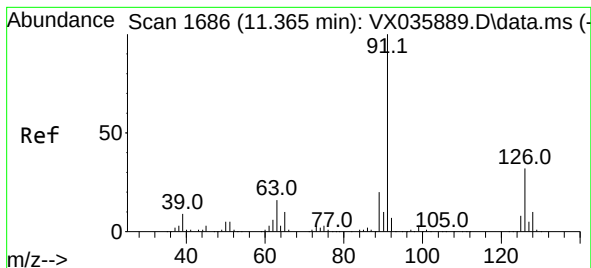
Tgt Ion: 91 Resp: 75197

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.9





#79

2-Chlorotoluene

Concen: 5.582 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

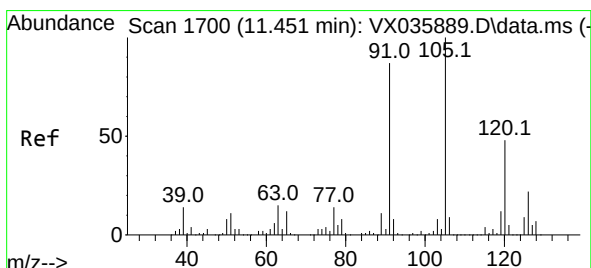
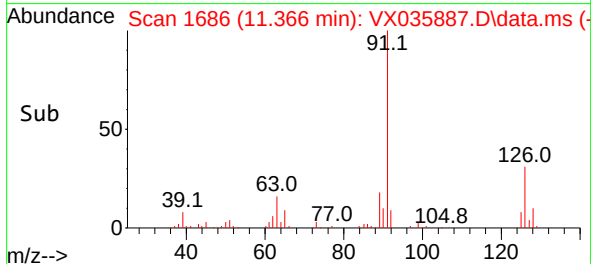
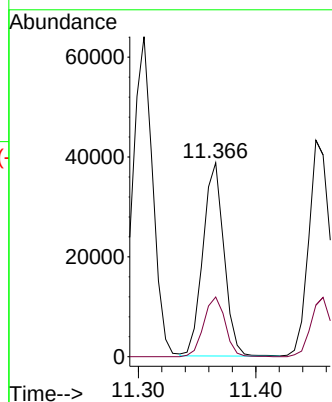
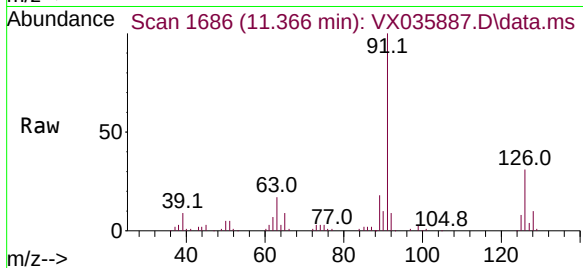
VSTDIC005

Tgt Ion: 91 Resp: 48205

Ion Ratio Lower Upper

91 100

126 31.5 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 5.713 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035887.D

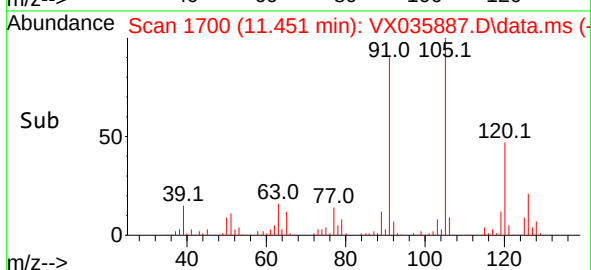
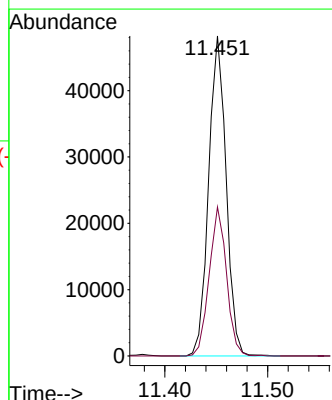
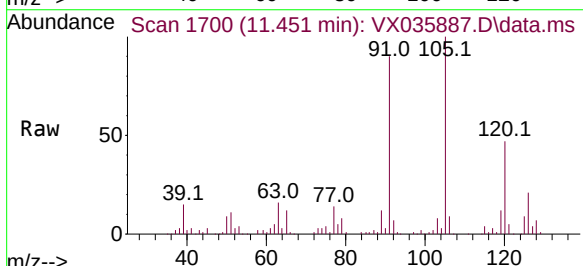
Acq: 26 May 2023 16:40

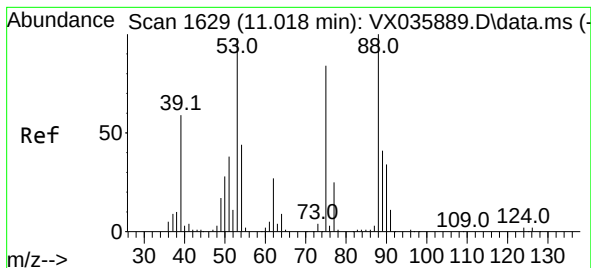
Tgt Ion: 105 Resp: 56889

Ion Ratio Lower Upper

105 100

120 46.2 23.8 71.4

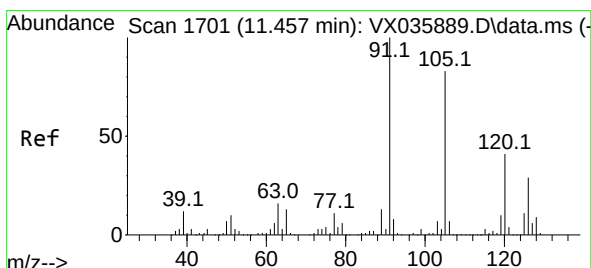
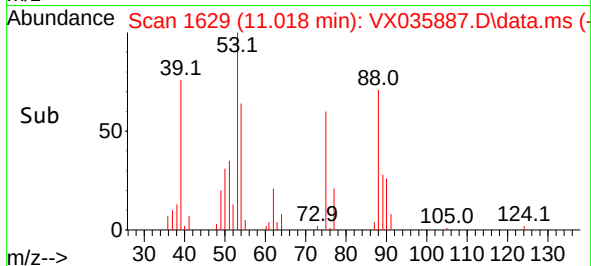
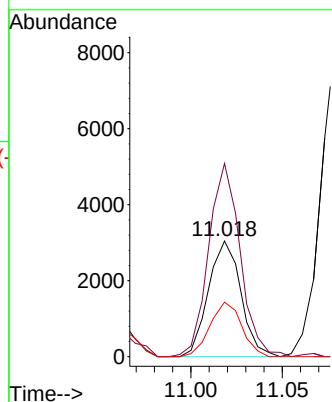
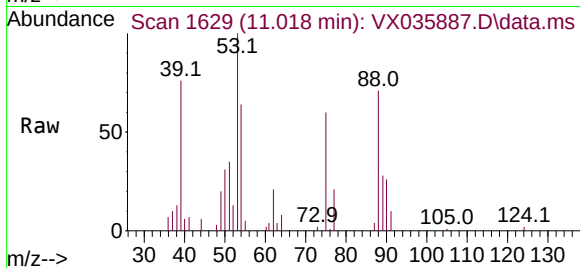




#81
trans-1,4-Dichloro-2-butene
Concen: 9.334 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

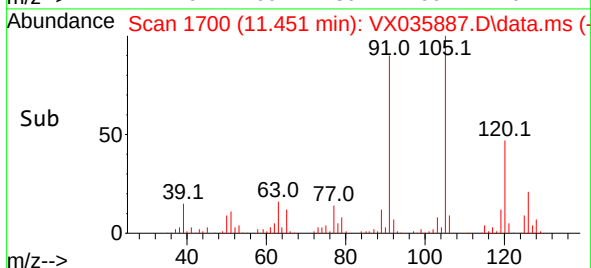
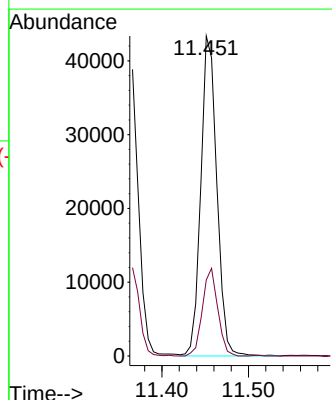
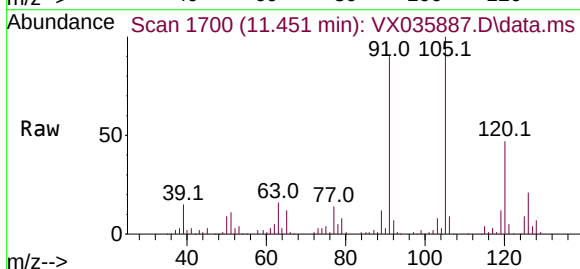
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

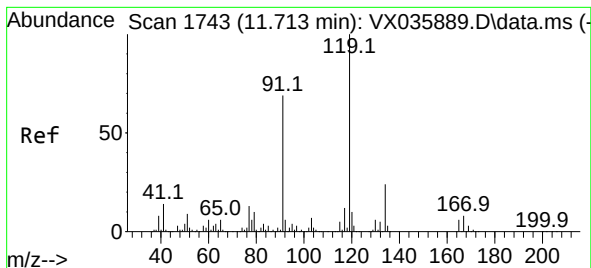
Tgt Ion: 75 Resp: 3766
Ion Ratio Lower Upper
75 100
53 161.8 95.2 142.8#
89 46.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 5.672 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 91 Resp: 55734
Ion Ratio Lower Upper
91 100
126 26.1 13.7 41.0





#83

tert-Butylbenzene

Concen: 5.507 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

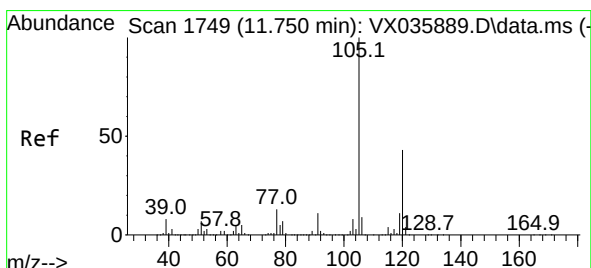
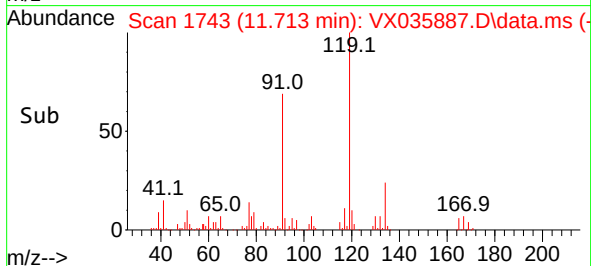
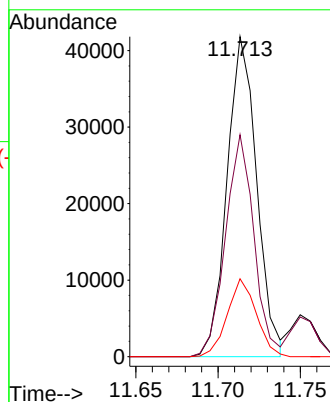
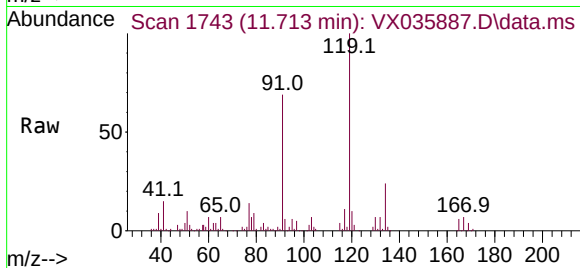
Tgt Ion:119 Resp: 52639

Ion Ratio Lower Upper

119 100

91 66.6 32.4 97.0

134 23.8 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 5.647 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035887.D

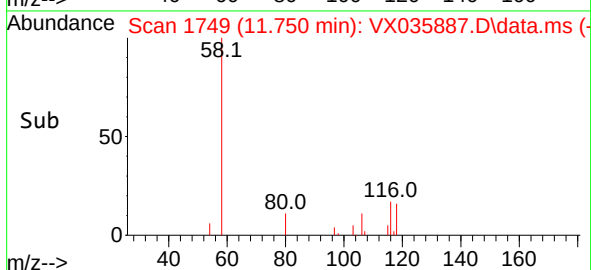
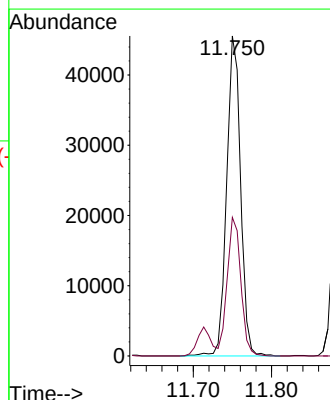
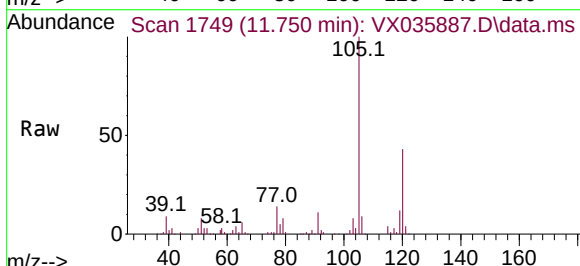
Acq: 26 May 2023 16:40

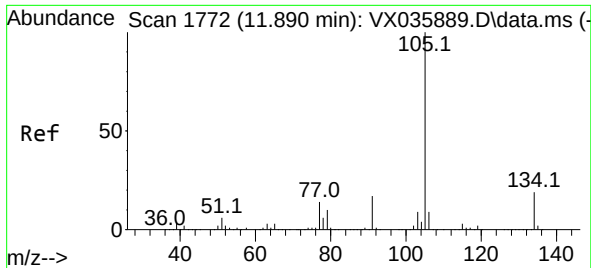
Tgt Ion:105 Resp: 56312

Ion Ratio Lower Upper

105 100

120 42.5 21.6 64.8

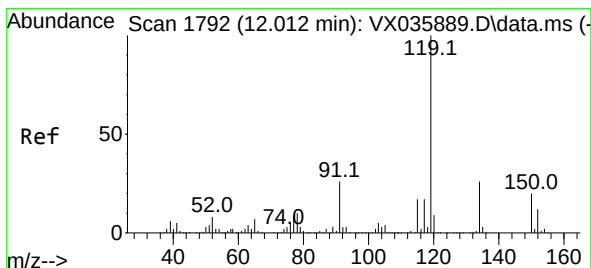
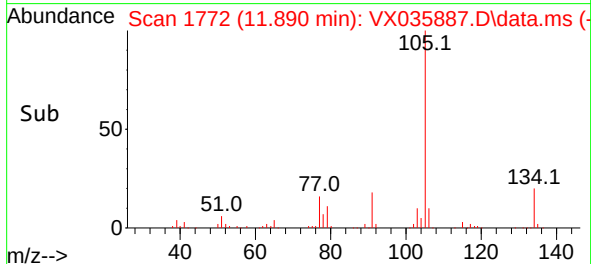
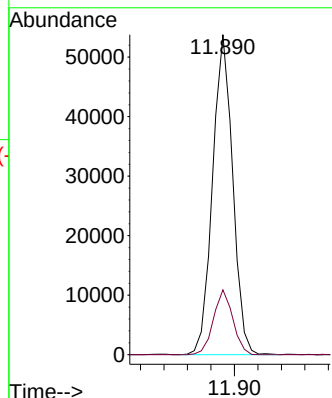
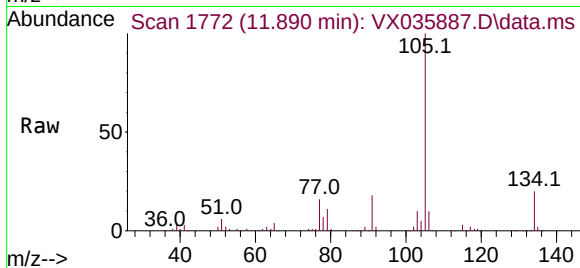




#85
 sec-Butylbenzene
 Concen: 5.362 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035887.D
 Acq: 26 May 2023 16:40

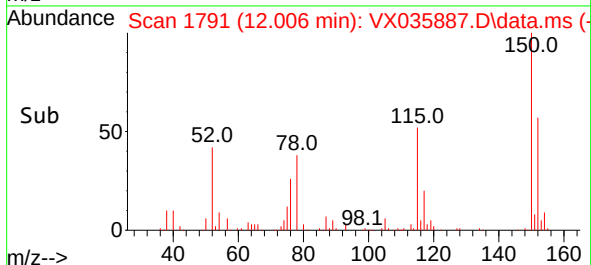
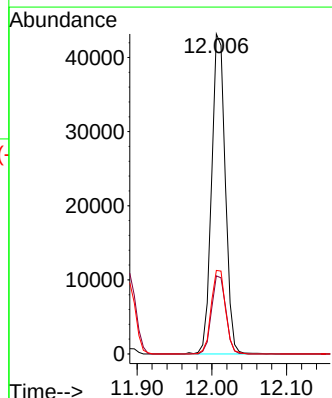
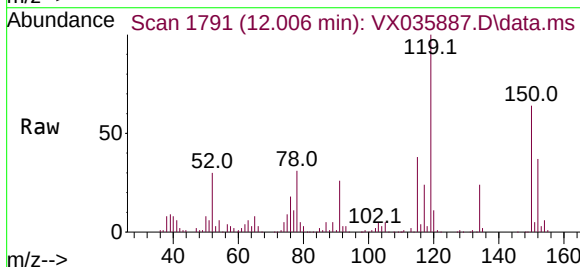
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

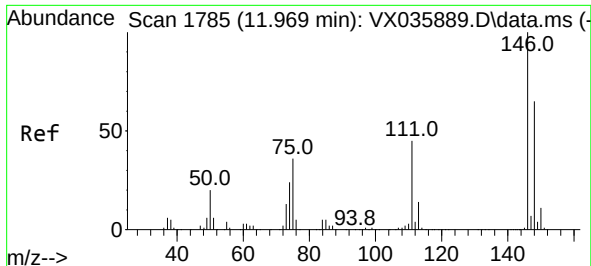
Tgt Ion:105 Resp: 64053
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 5.481 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX035887.D
 Acq: 26 May 2023 16:40

Tgt Ion:119 Resp: 54746
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 27.3 13.5 40.5

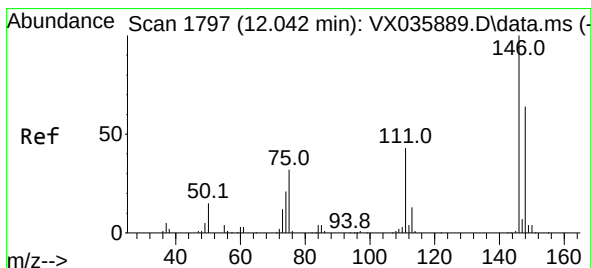
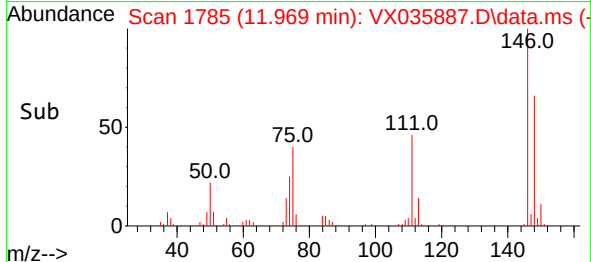
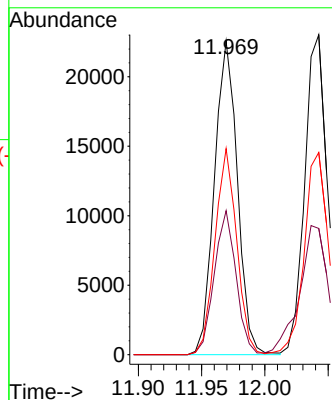
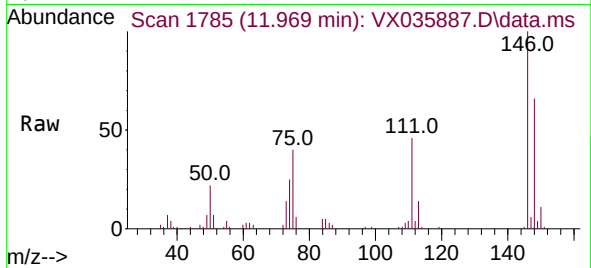




#87
1,3-Dichlorobenzene
Concen: 5.657 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

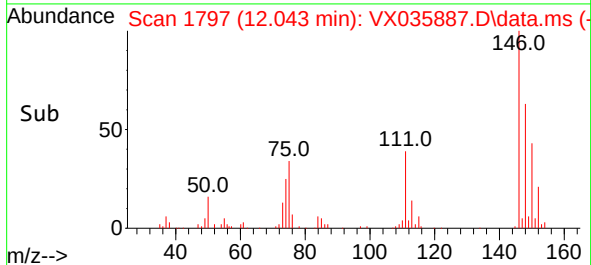
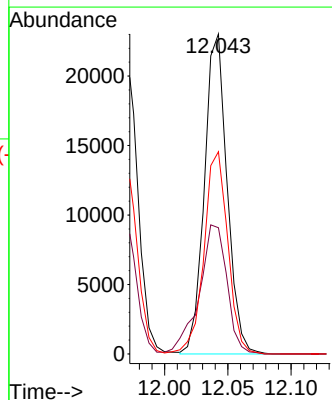
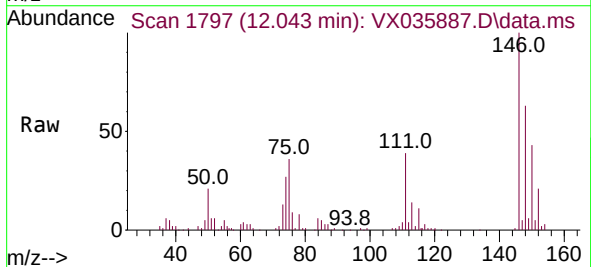
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

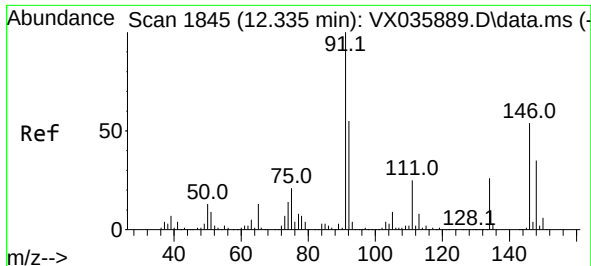
Tgt Ion:146 Resp: 28464
Ion Ratio Lower Upper
146 100
111 43.7 22.6 67.7
148 62.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 5.552 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion:146 Resp: 28795
Ion Ratio Lower Upper
146 100
111 49.3 21.8 65.3
148 66.3 31.9 95.7





#89

n-Butylbenzene

Concen: 5.207 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

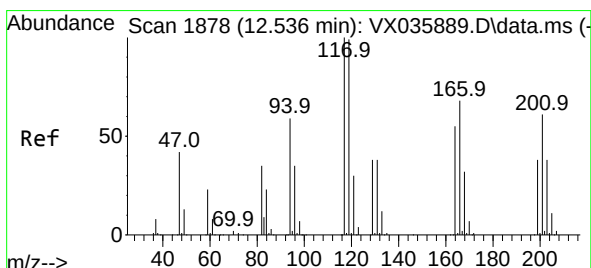
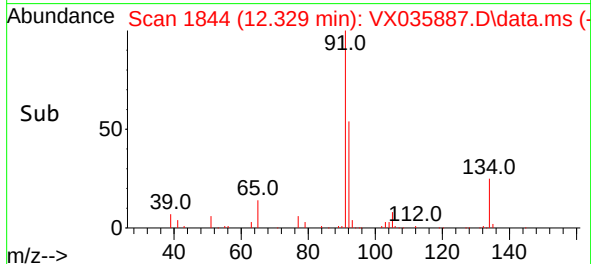
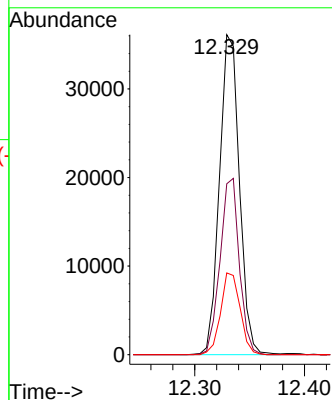
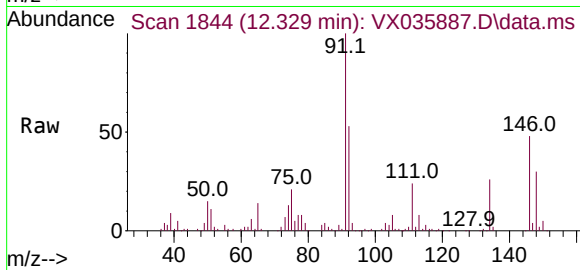
Tgt Ion: 91 Resp: 45714

Ion Ratio Lower Upper

91 100

92 53.3 27.3 81.8

134 25.0 12.4 37.0



#90

Hexachloroethane

Concen: 4.560 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035887.D

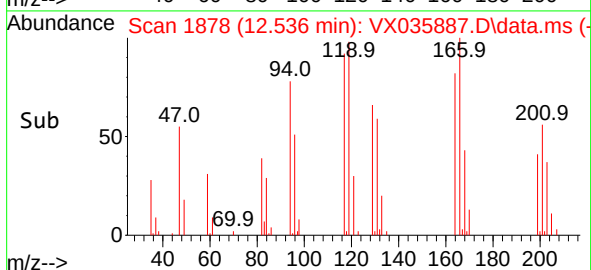
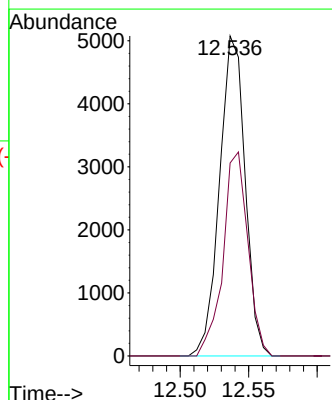
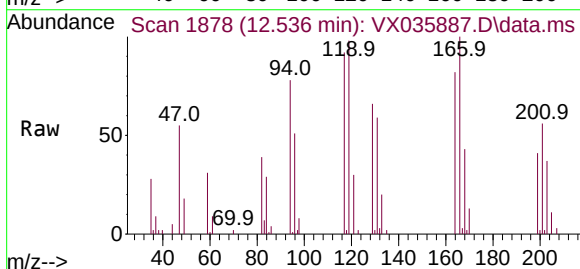
Acq: 26 May 2023 16:40

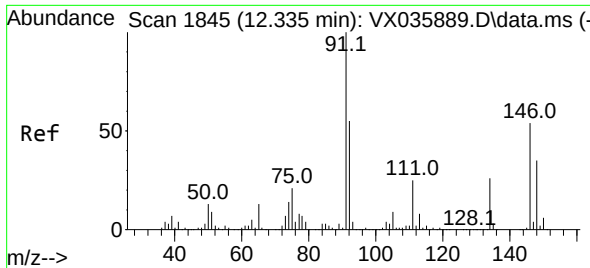
Tgt Ion: 117 Resp: 6589

Ion Ratio Lower Upper

117 100

201 62.1 32.7 98.1

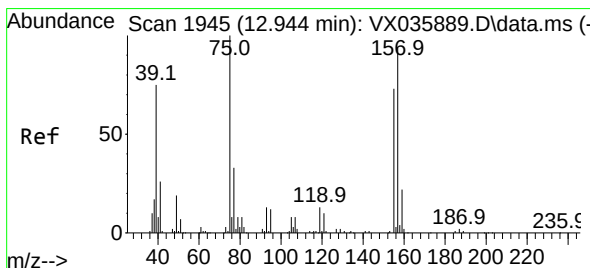
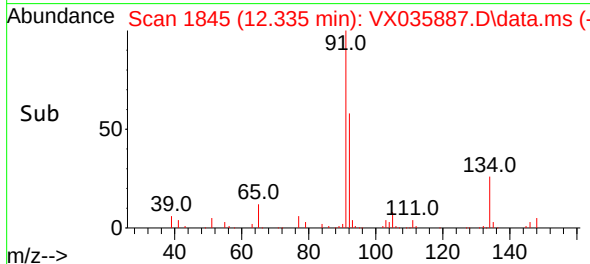
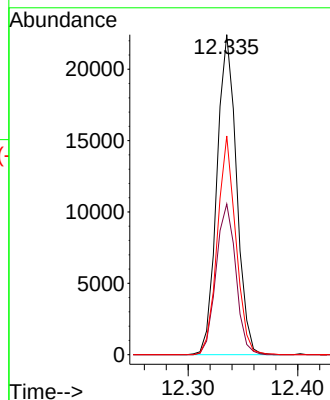
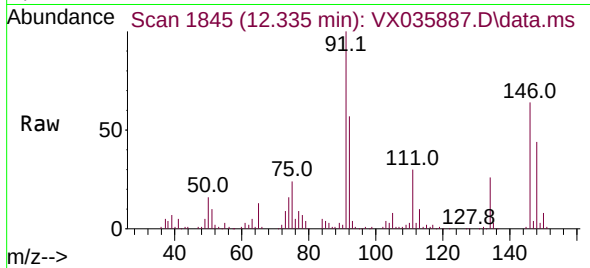




#91
1,2-Dichlorobenzene
Concen: 5.610 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

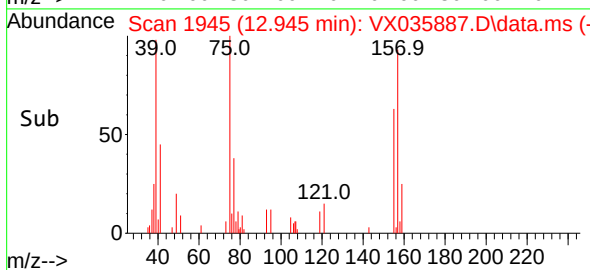
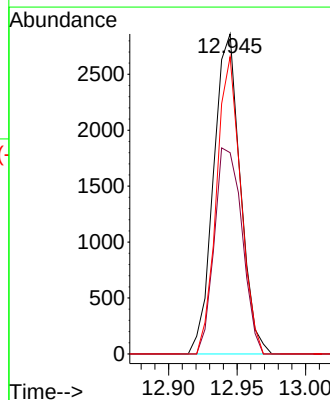
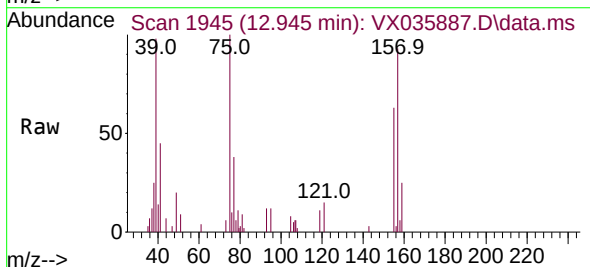
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

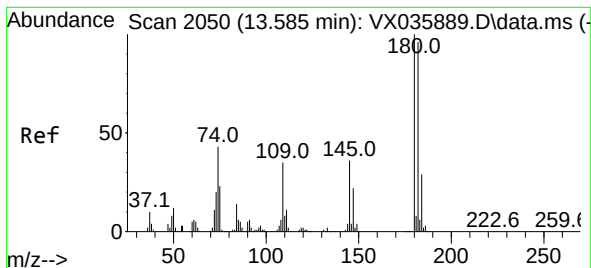
Tgt Ion:146 Resp: 27879
Ion Ratio Lower Upper
146 100
111 47.3 23.3 69.9
148 64.2 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.860 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035887.D
Acq: 26 May 2023 16:40

Tgt Ion: 75 Resp: 3885
Ion Ratio Lower Upper
75 100
155 66.6 35.3 105.7
157 83.7 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 5.261 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

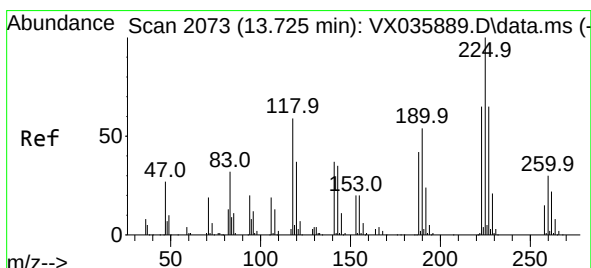
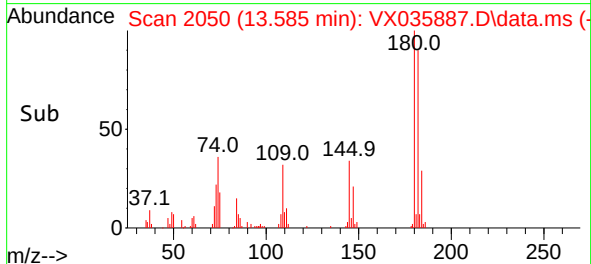
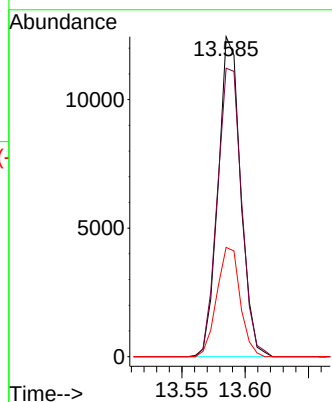
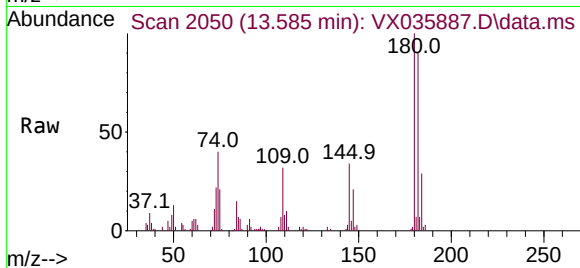
Tgt Ion:180 Resp: 15373

Ion Ratio Lower Upper

180 100

182 97.2 47.3 141.8

145 35.5 17.3 51.9



#94

Hexachlorobutadiene

Concen: 5.075 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

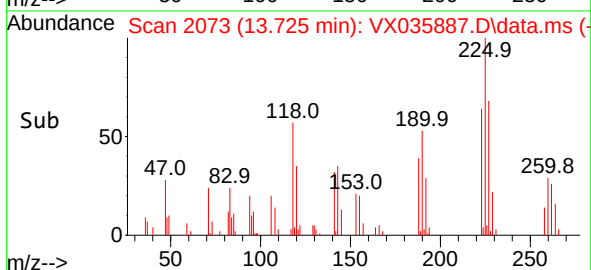
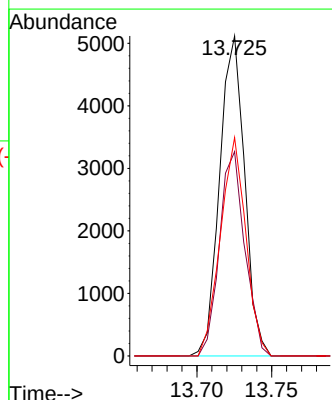
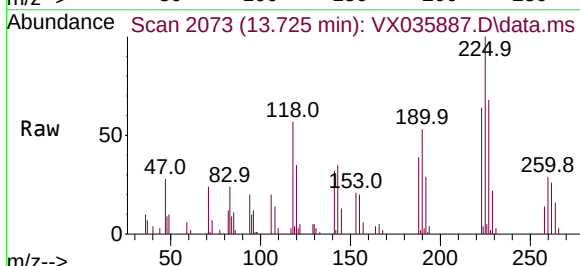
Tgt Ion:225 Resp: 5946

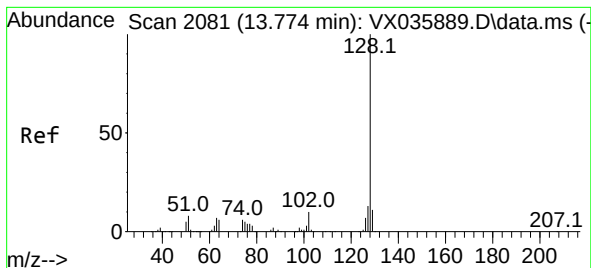
Ion Ratio Lower Upper

225 100

223 64.9 32.6 97.7

227 69.3 31.9 95.7





#95

Naphthalene

Concen: 5.132 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

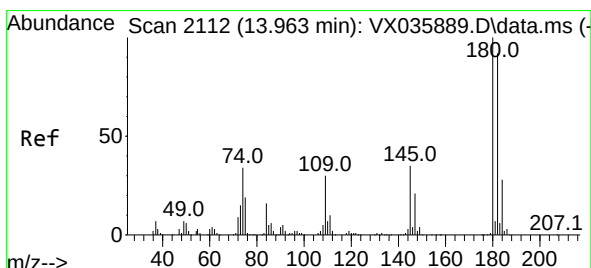
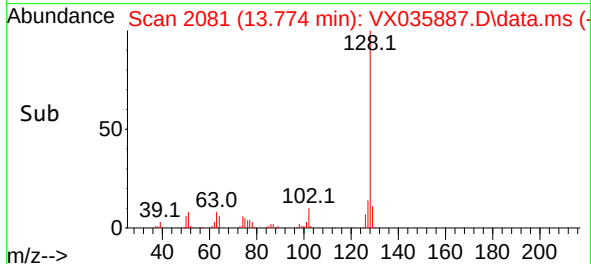
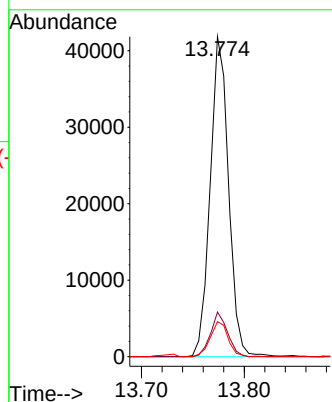
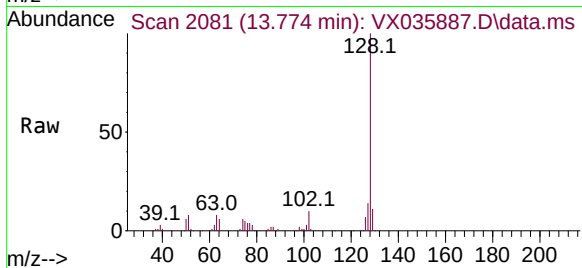
Tgt Ion:128 Resp: 52096

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 5.216 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035887.D

Acq: 26 May 2023 16:40

Tgt Ion:180 Resp: 15188

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.7

145 37.6 18.1 54.3

