

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018431.D
 Acq On : 03 Jun 2024 11:00
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 04 05:27:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : Sw846 8260
 QLast Update : Tue Jun 04 05:22:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	55494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	87975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	78909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	23584	21.640	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	43.280%#	
35) Dibromofluoromethane	7.710	113	23883	21.409	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	42.820%#	
50) Toluene-d8	10.173	98	97818	22.041	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	44.080%#	
62) 4-Bromofluorobenzene	12.477	95	30578	22.129	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	44.260%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20509	23.270	ug/l	98
3) Chloromethane	2.101	50	42639	25.942	ug/l	93
4) Vinyl Chloride	2.241	62	46302	23.552	ug/l	98
5) Bromomethane	2.631	94	30337	23.129	ug/l	97
6) Chloroethane	2.778	64	28428	22.902	ug/l	92
7) Trichlorofluoromethane	3.113	101	45994	22.611	ug/l	99
8) Diethyl Ether	3.522	74	13795	22.539	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	25956	21.914	ug/l	94
10) Methyl Iodide	4.076	142	25832	22.204	ug/l	96
11) Tert butyl alcohol	4.954	59	16568	92.749	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	26232	22.532	ug/l	97
13) Acrolein	3.717	56	8891	79.703	ug/l	99
14) Allyl chloride	4.454	41	38870	22.797	ug/l	94
15) Acrylonitrile	5.149	53	30496	108.955	ug/l	98
16) Acetone	3.936	43	24048	99.419	ug/l	91
17) Carbon Disulfide	4.174	76	79375	23.242	ug/l	96
18) Methyl Acetate	4.466	43	13870	22.931	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	62346	22.221	ug/l	99
20) Methylene Chloride	4.698	84	31396	20.894	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	28720	23.117	ug/l	97
22) Diisopropyl ether	6.100	45	81360	23.431	ug/l	93
23) Vinyl Acetate	6.052	43	255090	112.884	ug/l #	93
24) 1,1-Dichloroethane	5.997	63	48872	22.566	ug/l	94
25) 2-Butanone	6.978	43	38207	103.107	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	40923	21.499	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	32135	22.236	ug/l	94
28) Bromochloromethane	7.320	49	21068	21.139	ug/l	83
29) Tetrahydrofuran	7.338	42	26772	111.248	ug/l	87
30) Chloroform	7.496	83	49341	22.715	ug/l	99
31) Cyclohexane	7.777	56	46831	23.047	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	42100	22.129	ug/l	96
36) 1,1-Dichloropropene	7.911	75	36852	21.665	ug/l	99
37) Ethyl Acetate	7.064	43	18005	21.188	ug/l	98
38) Carbon Tetrachloride	7.893	117	35669	20.926	ug/l	94
39) Methylcyclohexane	9.179	83	51021	22.188	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.155	78	112914	22.155	ug/l	98
41) Methacrylonitrile	7.295	41	8557	18.757	ug/l	96
42) 1,2-Dichloroethane	8.228	62	27071	21.847	ug/l	99
43) Isopropyl Acetate	8.265	43	32710	20.586	ug/l	96
44) Trichloroethene	8.935	130	27094	21.452	ug/l	96
45) 1,2-Dichloropropane	9.210	63	25309	21.714	ug/l	100
46) Dibromomethane	9.301	93	14569	21.801	ug/l	90
47) Bromodichloromethane	9.490	83	34447	21.474	ug/l	95
48) Methyl methacrylate	9.283	41	16032	21.931	ug/l	87
49) 1,4-Dioxane	9.301	88	3650	415.921	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	91246	110.594	ug/l	91
52) Toluene	10.240	92	69239	22.088	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	32145	21.821	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	39653	21.862	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	18910	21.750	ug/l	95
56) Ethyl methacrylate	10.508	69	27439	22.427	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	33579	22.750	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	66793	101.663	ug/l	95
59) 2-Hexanone	10.825	43	63295	111.015	ug/l	92
60) Dibromochloromethane	10.977	129	22044	20.753	ug/l	100
61) 1,2-Dibromoethane	11.081	107	18121	22.133	ug/l	94
64) Tetrachloroethene	10.715	164	23768	20.449	ug/l #	90
65) Chlorobenzene	11.514	112	71683	21.183	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	23129	21.138	ug/l	97
67) Ethyl Benzene	11.587	91	133817	21.726	ug/l	99
68) m/p-Xylenes	11.697	106	100747	43.439	ug/l	97
69) o-Xylene	12.026	106	47240	21.159	ug/l	95
70) Styrene	12.038	104	79284	21.735	ug/l	97
71) Bromoform	12.209	173	11160	19.360	ug/l #	97
73) Isopropylbenzene	12.325	105	125841	21.857	ug/l	99
74) N-amyl acetate	12.142	43	31221	22.278	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	23172	22.864	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	27730	40.292	ug/l #	100
77) Bromobenzene	12.605	156	25757	21.070	ug/l	91
78) n-propylbenzene	12.666	91	152371	22.051	ug/l	98
79) 2-Chlorotoluene	12.752	91	82305	21.909	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	98112	21.880	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	7122	21.628	ug/l	93
82) 4-Chlorotoluene	12.849	91	84472	22.346	ug/l	97
83) tert-Butylbenzene	13.069	119	91328	22.025	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	97996	22.323	ug/l	97
85) sec-Butylbenzene	13.251	105	135936	22.261	ug/l	99
86) p-Isopropyltoluene	13.367	119	107971	21.908	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	51423	21.326	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	51085	21.565	ug/l	97
89) n-Butylbenzene	13.690	91	104508	22.315	ug/l	98
90) Hexachloroethane	13.959	117	20234	21.904	ug/l	80
91) 1,2-Dichlorobenzene	13.733	146	45510	21.689	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3223	20.898	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	23659	20.848	ug/l	96
94) Hexachlorobutadiene	15.105	225	12299	20.406	ug/l	94
95) Naphthalene	15.233	128	46923	20.588	ug/l	98

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ClientSampleId :
VSTDICC020

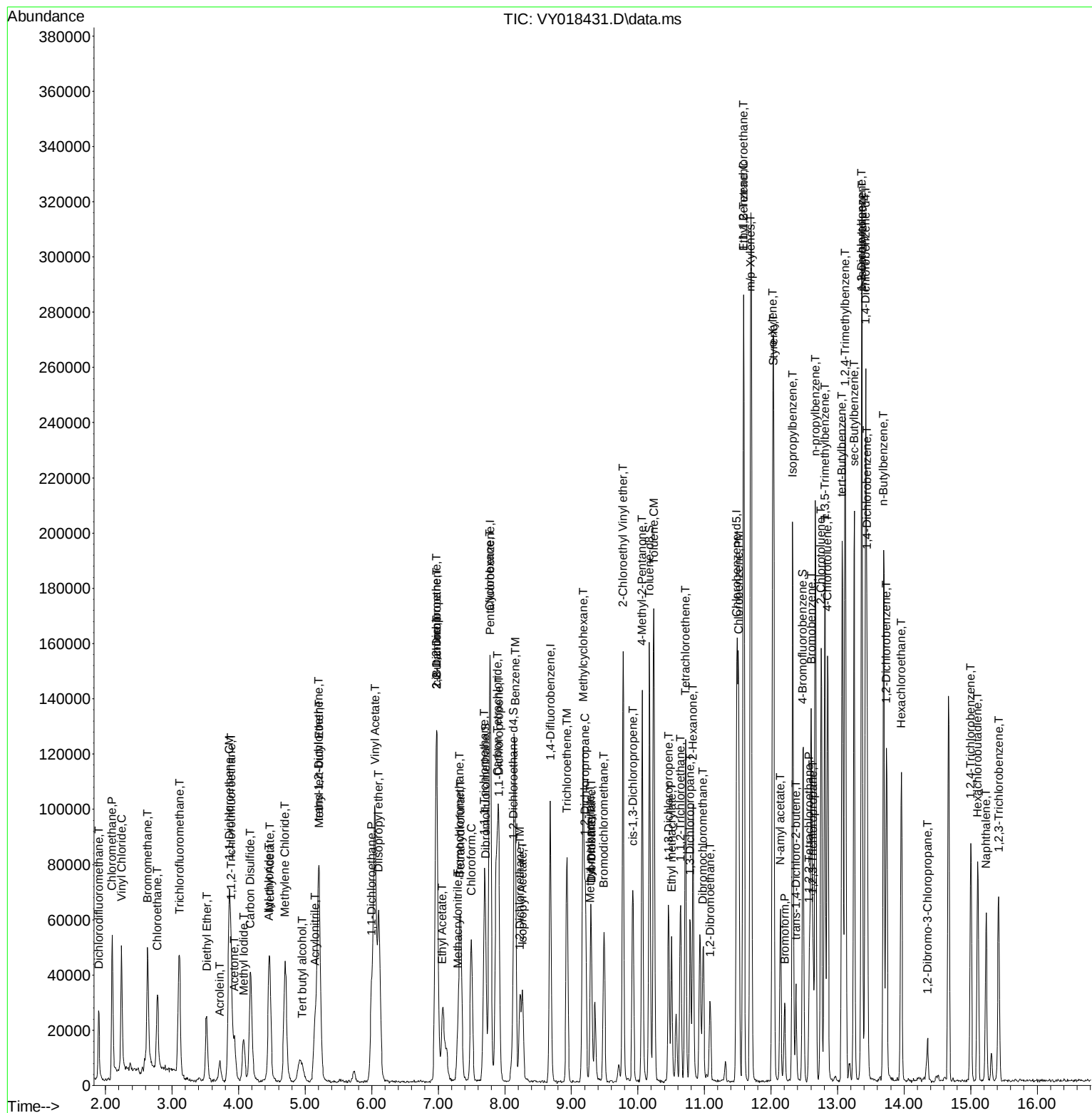
Quant Time: Jun 04 05:27:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : Sw846 8260
QLast Update : Tue Jun 04 05:22:03 2024
Response via : Initial Calibration

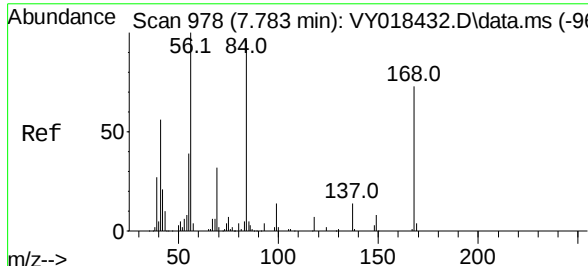
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.422	180	19338	20.141	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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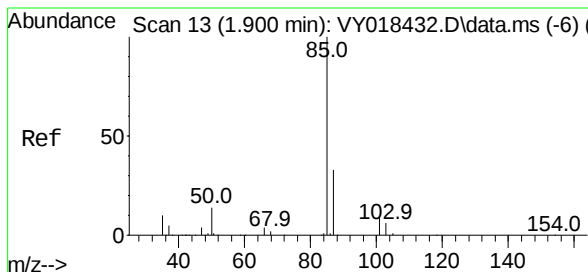
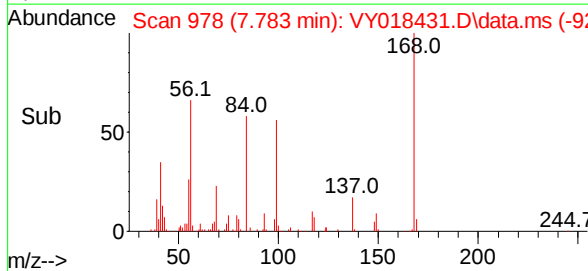
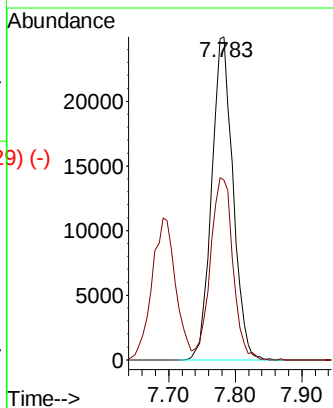
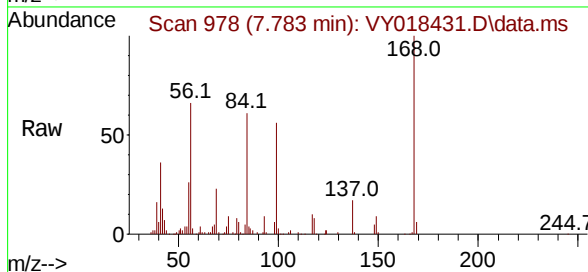




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.783 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VY018431.D
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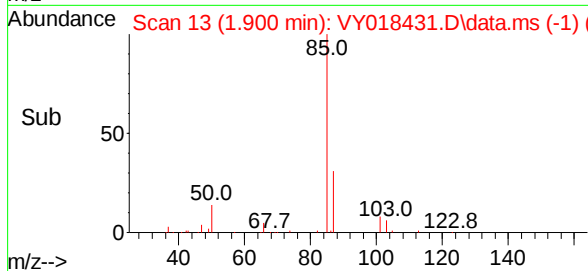
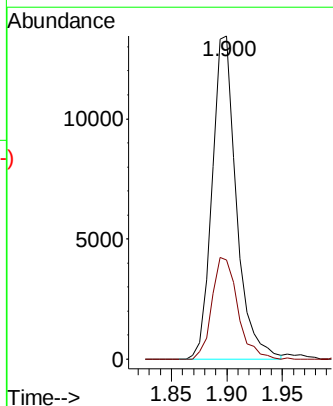
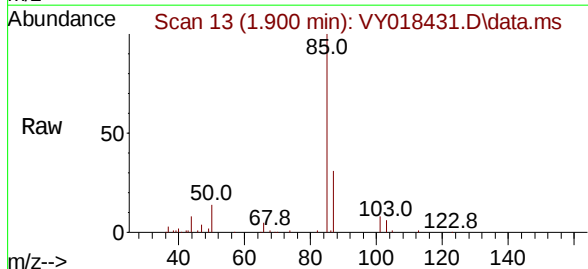
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

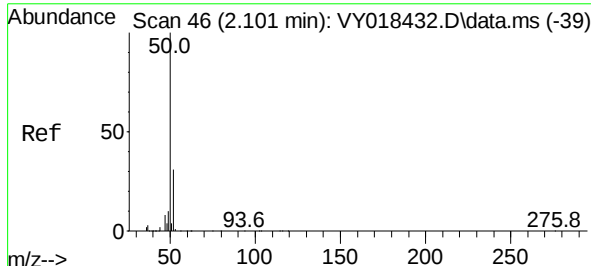
Tgt Ion:168 Resp: 55494
 Ion Ratio Lower Upper
 168 100
 99 55.3 39.1 58.7



Dichlorodifluoromethane
 Concen: 23.270 ug/l
 RT: 1.900 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

Tgt Ion: 85 Resp: 20509
 Ion Ratio Lower Upper
 85 100
 87 30.7 16.0 48.0





Chloromethane

Concen: 25.942 ug/l

RT: 2.101 min Scan# 4

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

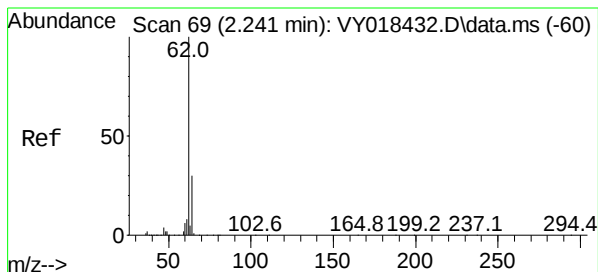
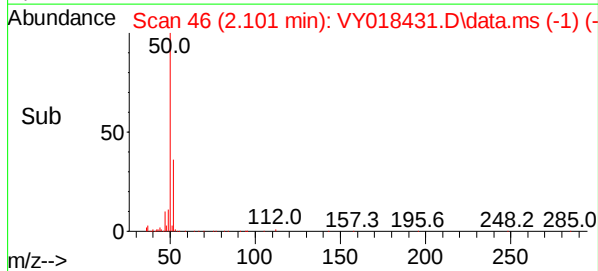
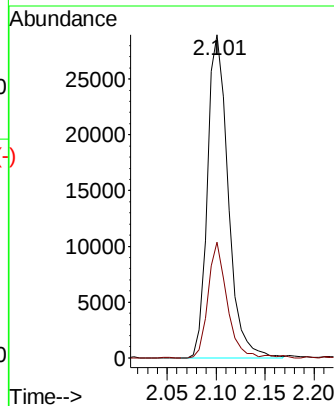
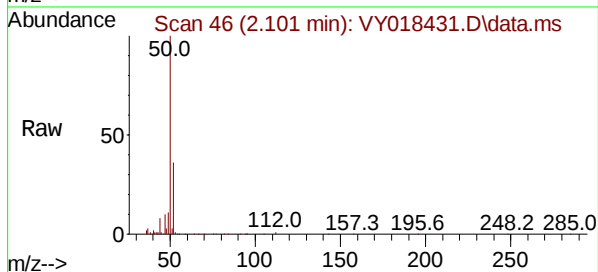
VSTDICC020

Tgt Ion: 50 Resp: 42639

Ion Ratio Lower Upper

50 100

52 35.9 25.6 38.4



Vinyl Chloride

Concen: 23.552 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018431.D

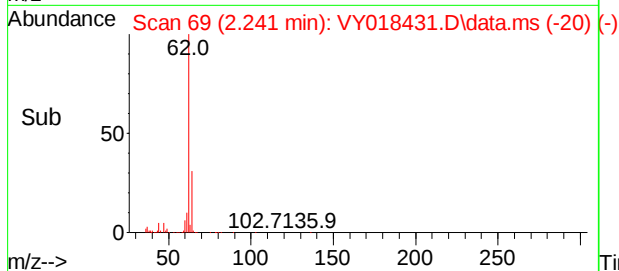
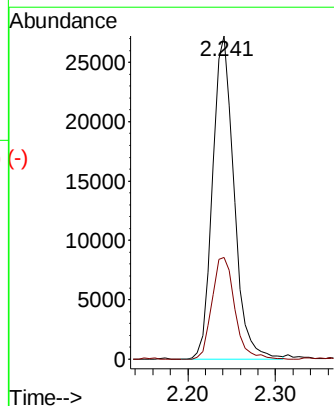
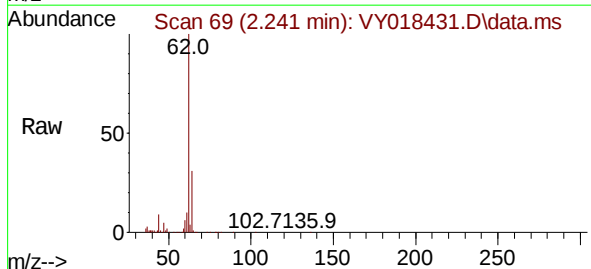
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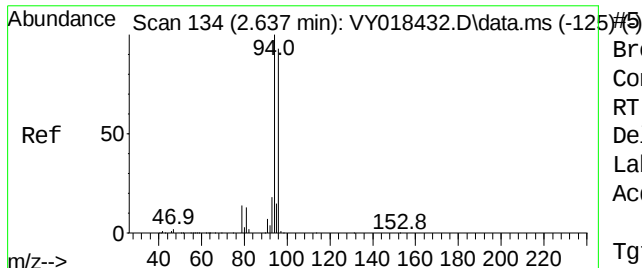
Tgt Ion: 62 Resp: 46302

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





Bromomethane

Concen: 23.129 ug/l

RT: 2.631 min Scan# 133

Delta R.T. -0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

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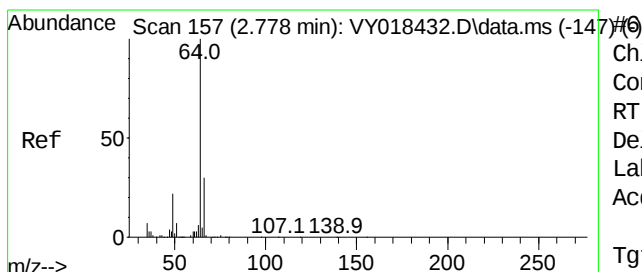
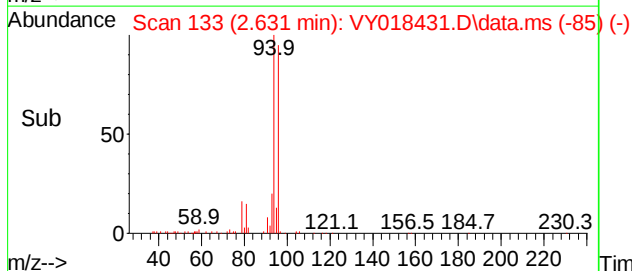
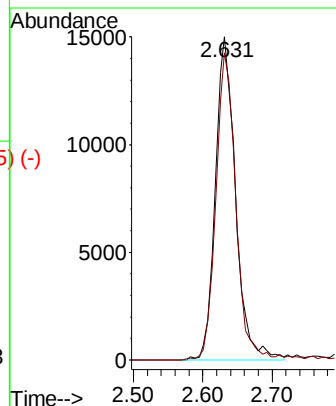
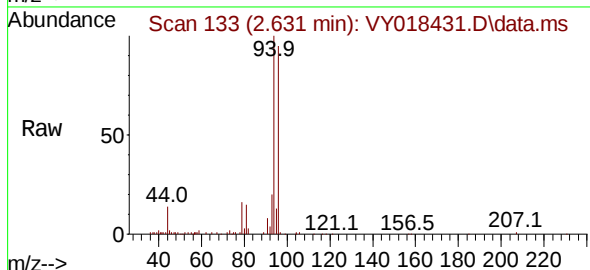
VSTDICC020

Tgt Ion: 94 Resp: 30337

Ion Ratio Lower Upper

94 100

96 95.1 74.1 111.1



Chloroethane

Concen: 22.902 ug/l

RT: 2.778 min Scan# 157

Delta R.T. 0.000 min

Lab File: VY018431.D

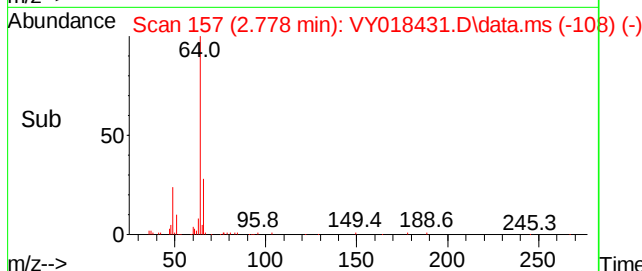
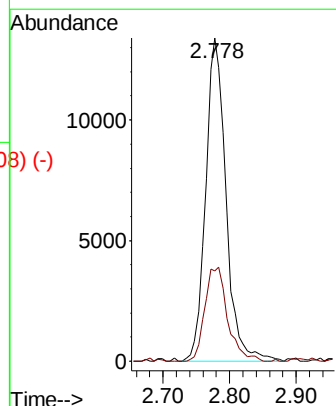
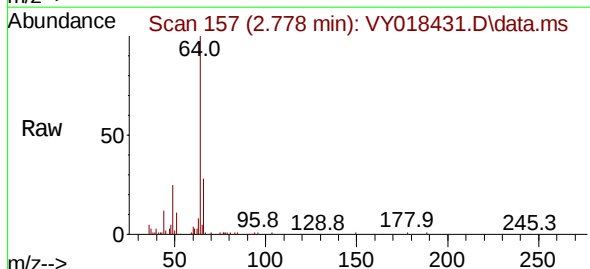
Acq: 03 Jun 2024 11:00

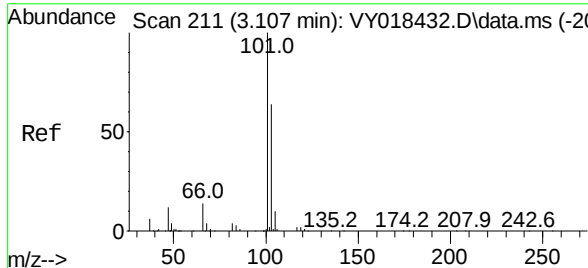
Tgt Ion: 64 Resp: 28428

Ion Ratio Lower Upper

64 100

66 27.9 26.1 39.1

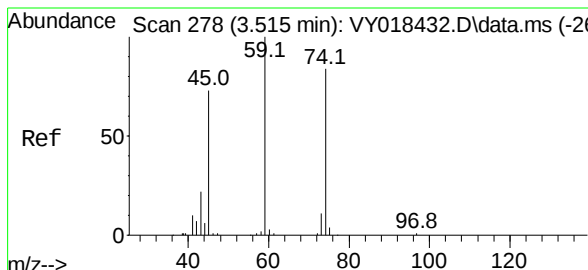
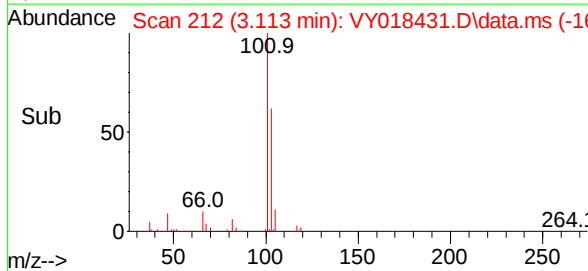
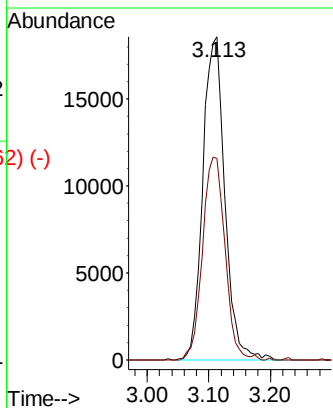
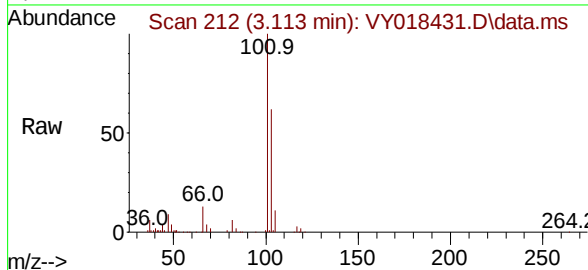




Trichlorofluoromethane
 Concen: 22.611 ug/l
 RT: 3.113 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

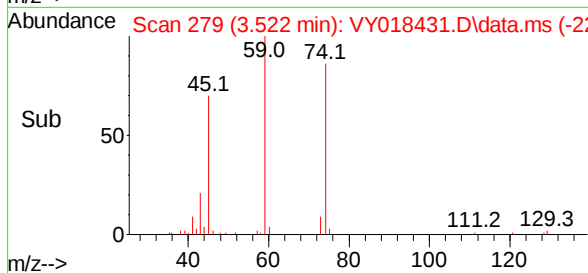
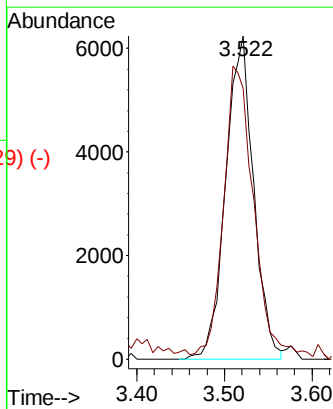
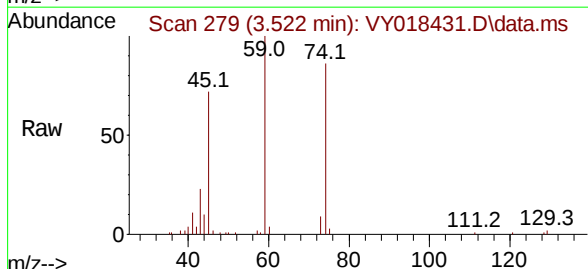
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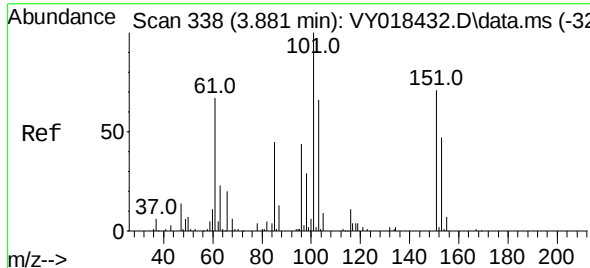
Tgt Ion:101 Resp: 45994
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.3 73.9



Diethyl Ether
 Concen: 22.539 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

Tgt Ion: 74 Resp: 13795
 Ion Ratio Lower Upper
 74 100
 45 99.2 41.3 124.1





1,1,2-Trichlorotrifluoroethane

Concen: 21.914 ug/l

RT: 3.887 min Scan#

Delta R.T. 0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

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VSTDICC020

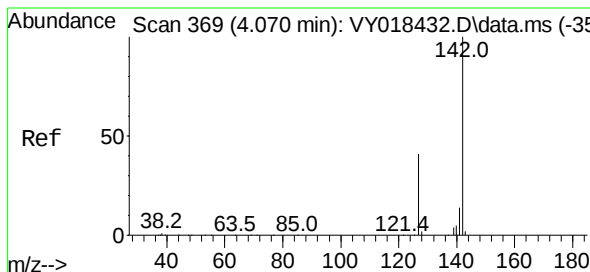
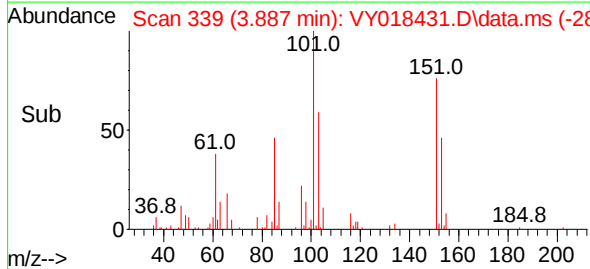
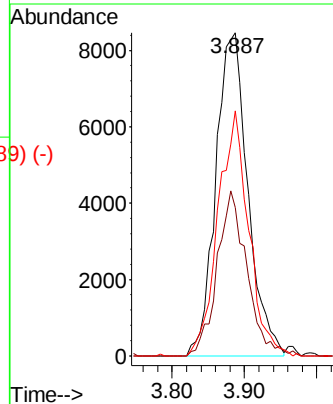
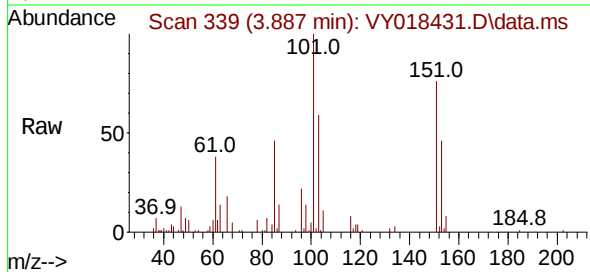
Tgt Ion:101 Resp: 25956

Ion Ratio Lower Upper

101 100

85 47.6 34.5 51.7

151 72.5 61.7 92.5



Methyl Iodide

Concen: 22.204 ug/l

RT: 4.076 min Scan# 370

Delta R.T. 0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

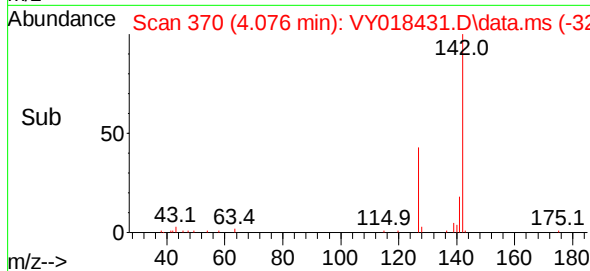
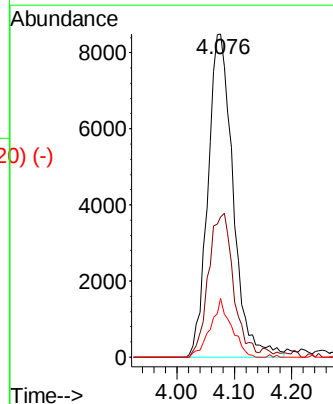
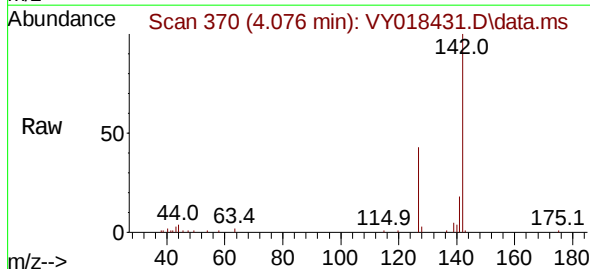
Tgt Ion:142 Resp: 25832

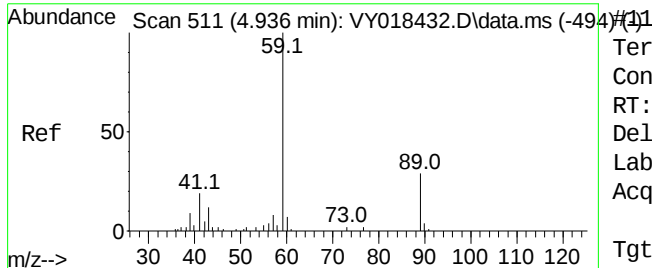
Ion Ratio Lower Upper

142 100

127 44.4 32.8 49.2

141 15.0 11.4 17.2

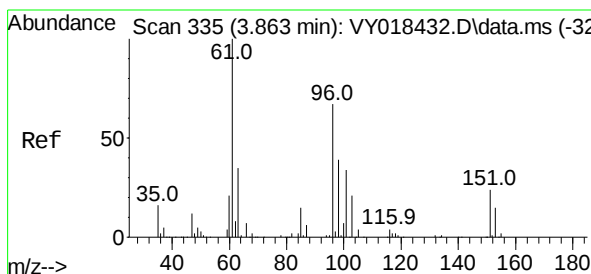
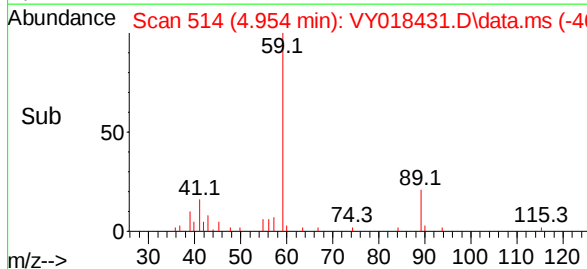
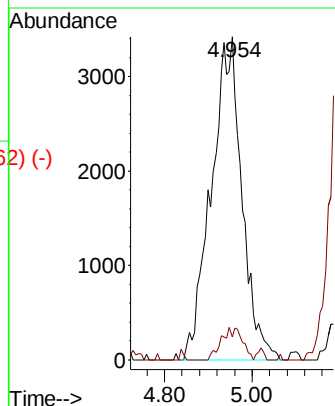
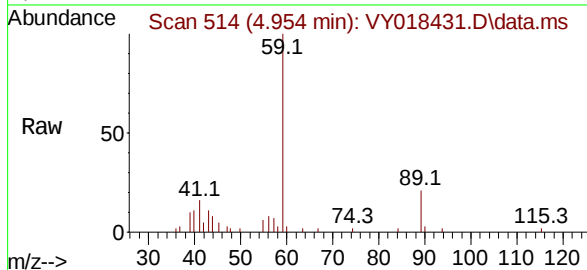




Tert butyl alcohol
Concen: 92.749 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

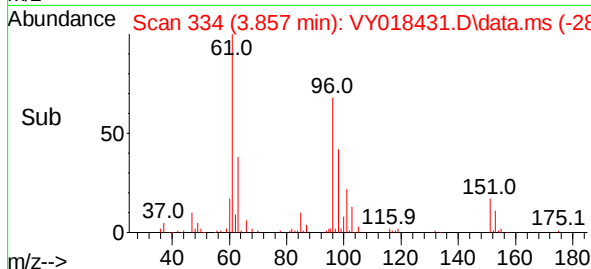
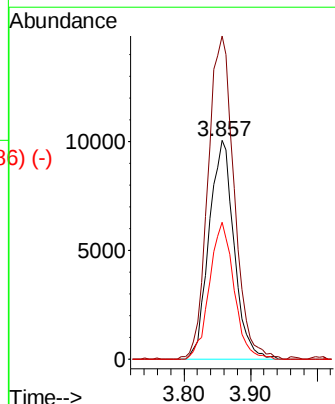
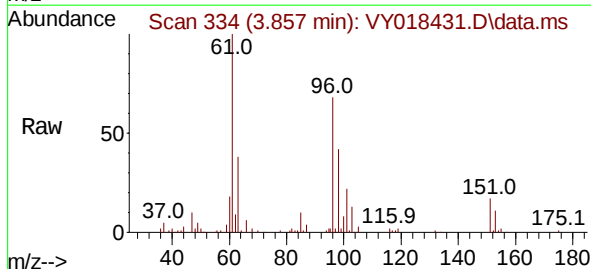
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 16568
Ion Ratio Lower Upper
59 100
57 6.8 3.0 4.6#

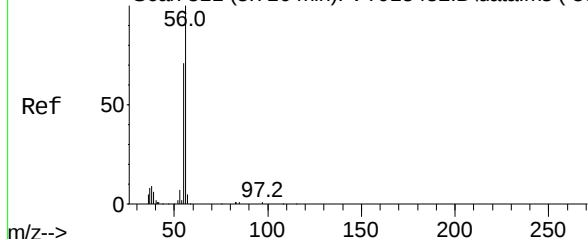


1,1-Dichloroethene
Concen: 22.532 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion: 96 Resp: 26232
Ion Ratio Lower Upper
96 100
61 147.7 114.6 171.8
98 62.6 50.8 76.2



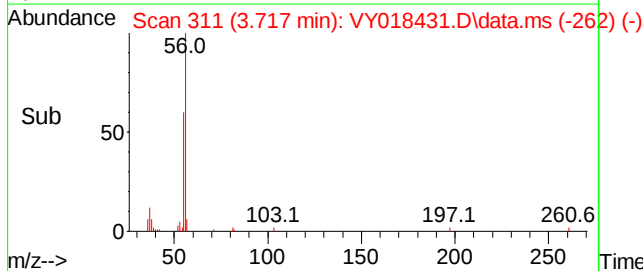
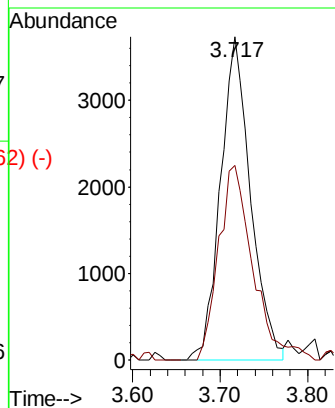
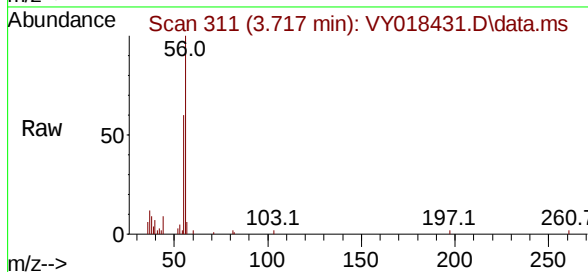
Abundance Scan 311 (3.716 min): VY018432.D\data.ms (-301) #13



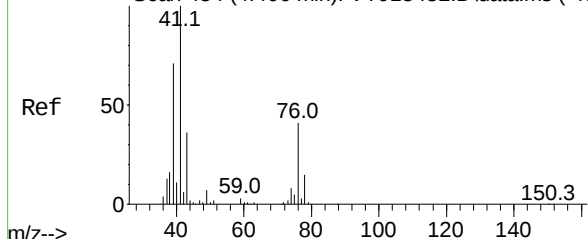
Acrolein
Concen: 79.703 ug/l
RT: 3.717 min Scan# 432
Delta R.T. 0.001 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 8891
Ion Ratio Lower Upper
56 100
55 68.8 55.7 83.5

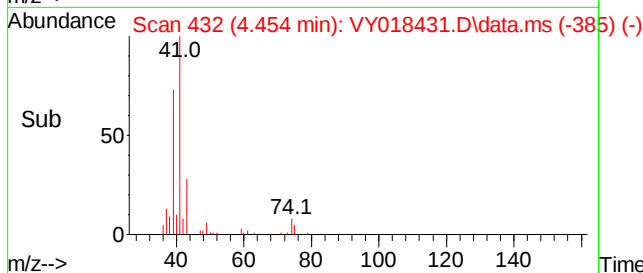
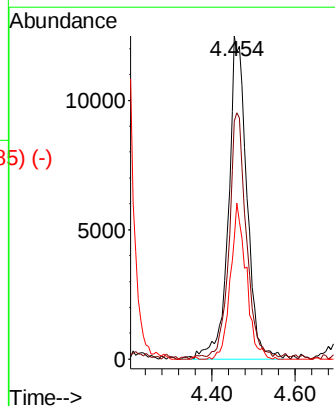
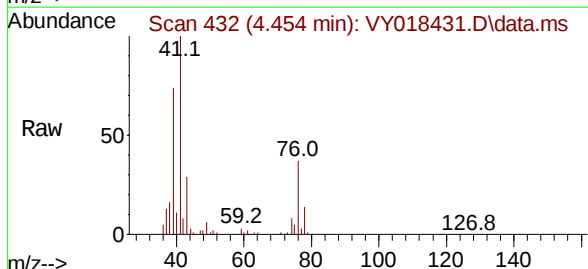


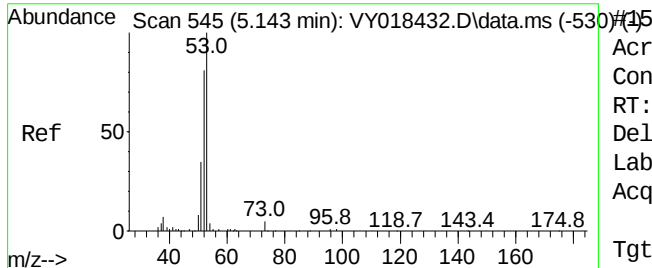
Abundance Scan 434 (4.466 min): VY018432.D\data.ms (-408) #14



Allyl chloride
Concen: 22.797 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.012 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion: 41 Resp: 38870
Ion Ratio Lower Upper
41 100
39 70.5 58.3 87.5
76 41.5 39.0 58.6





Acrylonitrile

Concen: 108.955 ug/l

RT: 5.149 min Scan# 415

Delta R.T. 0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

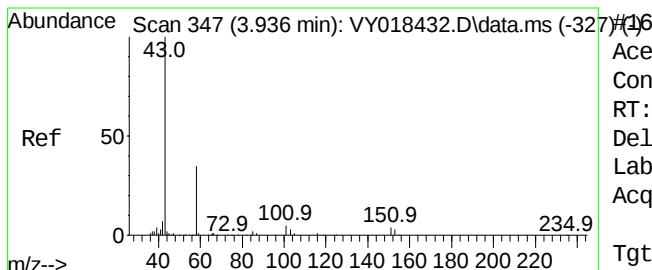
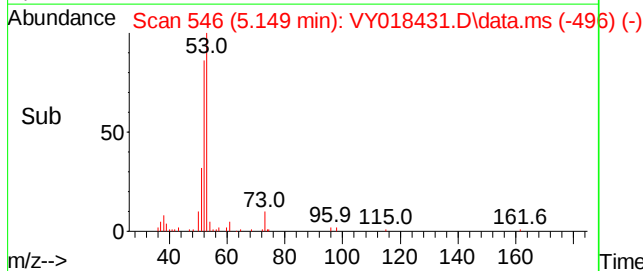
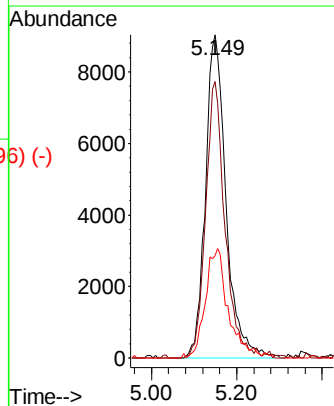
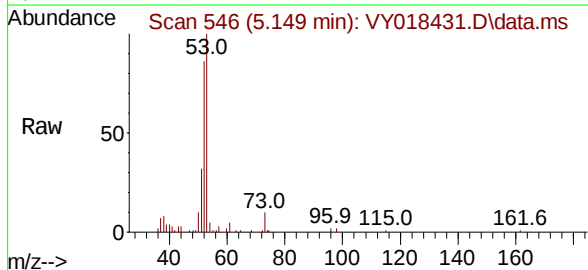
Tgt Ion: 53 Resp: 30496

Ion Ratio Lower Upper

53 100

52 79.9 64.7 97.1

51 37.2 28.4 42.6



Acetone

Concen: 99.419 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018431.D

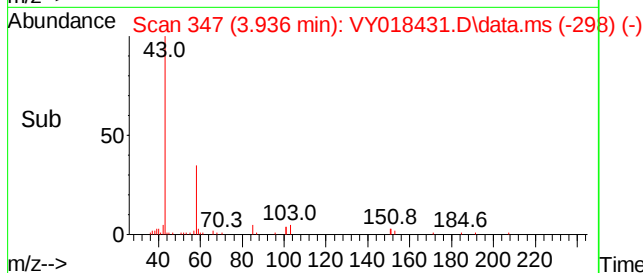
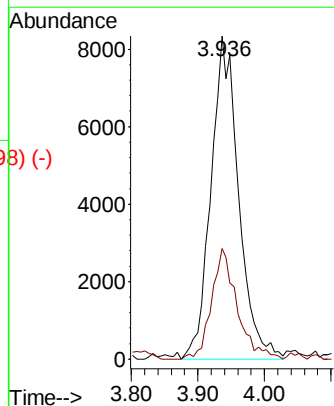
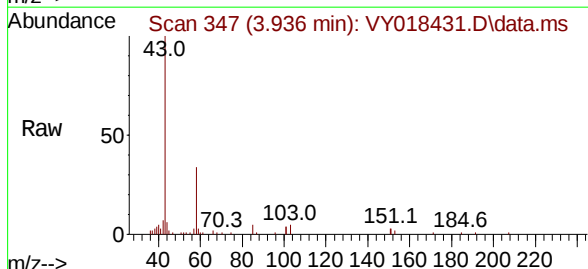
Acq: 03 Jun 2024 11:00

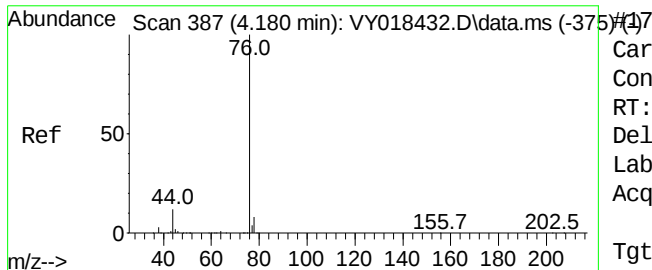
Tgt Ion: 43 Resp: 24048

Ion Ratio Lower Upper

43 100

58 34.2 31.7 47.5





Carbon Disulfide

Concen: 23.242 ug/l

RT: 4.174 min Scan# 417

Delta R.T. -0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

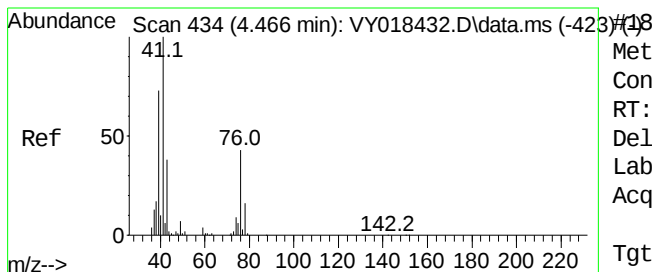
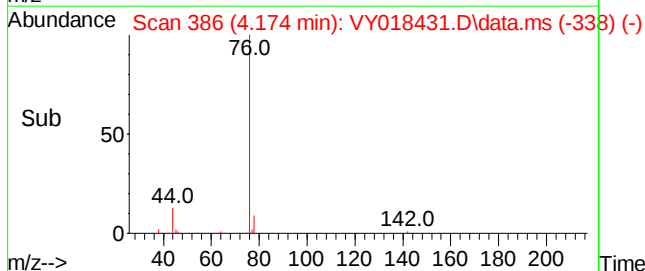
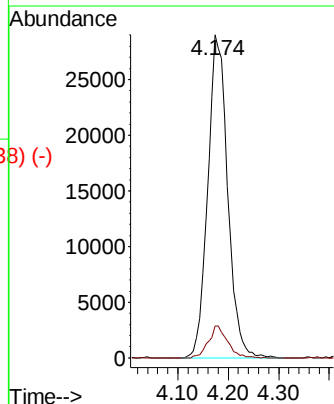
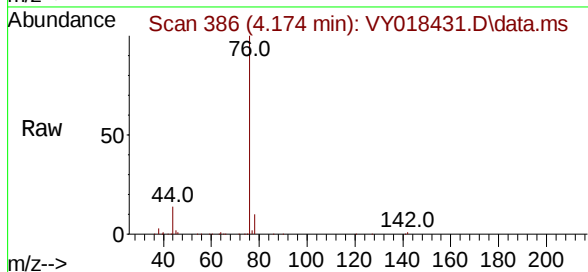
VSTDICC020

Tgt Ion: 76 Resp: 79375

Ion Ratio Lower Upper

76 100

78 10.0 6.8 10.2



Methyl Acetate

Concen: 22.931 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018431.D

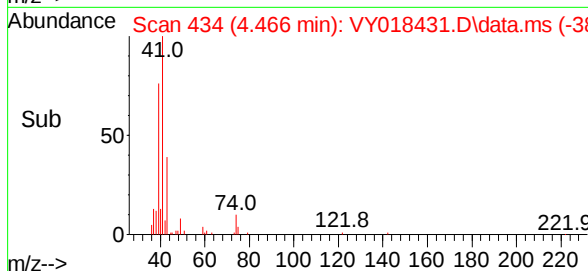
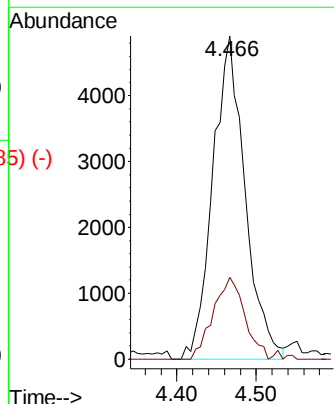
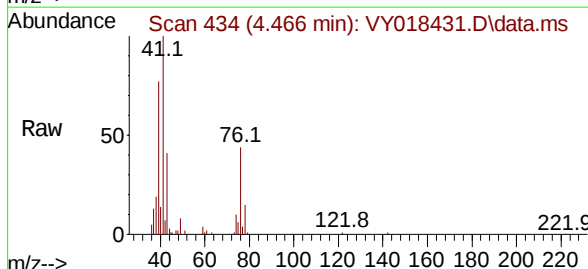
Acq: 03 Jun 2024 11:00

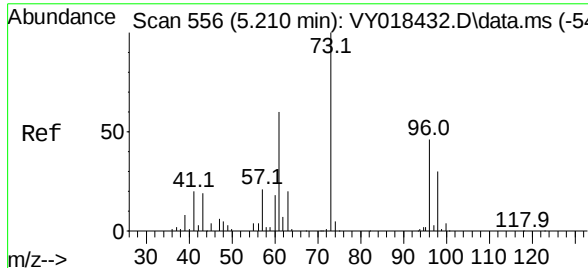
Tgt Ion: 43 Resp: 13870

Ion Ratio Lower Upper

43 100

74 24.9 23.3 34.9

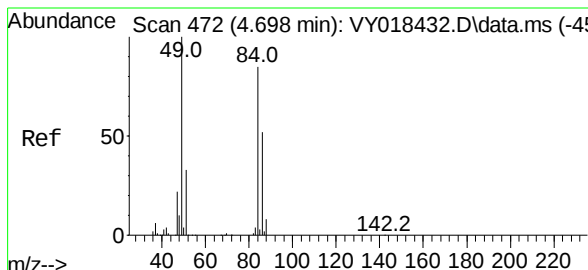
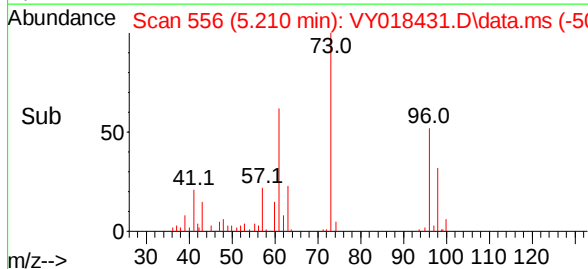
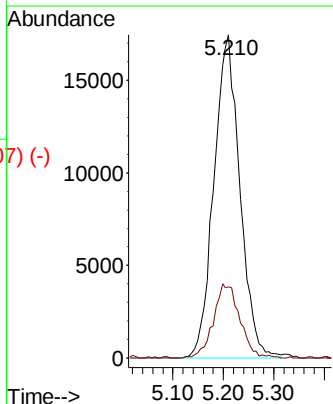
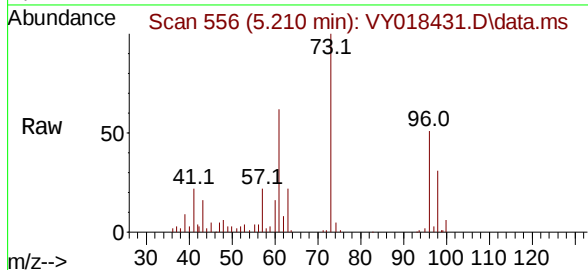




Methyl tert-butyl Ether
 Concen: 22.221 ug/l
 RT: 5.210 min Scan# 419
 Delta R.T. 0.000 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

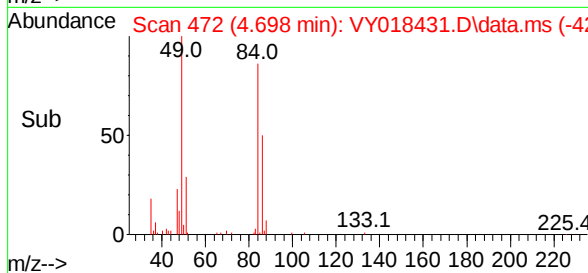
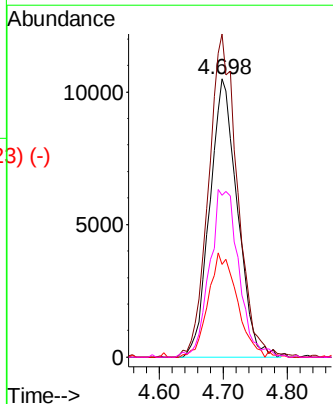
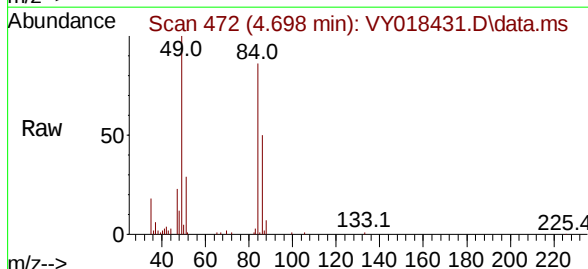
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 73 Resp: 62346
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.3 25.9

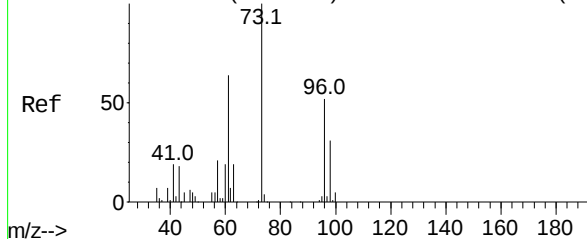


Methylene Chloride
 Concen: 20.894 ug/l
 RT: 4.698 min Scan# 472
 Delta R.T. 0.000 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

Tgt Ion: 84 Resp: 31396
 Ion Ratio Lower Upper
 84 100
 49 115.6 84.4 126.6
 51 33.4 26.0 39.0
 86 57.7 49.5 74.3



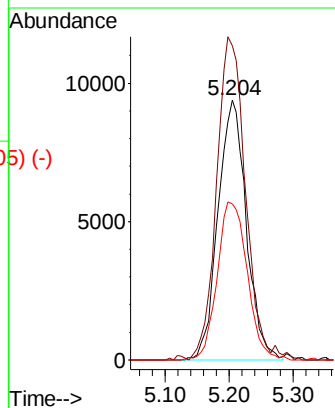
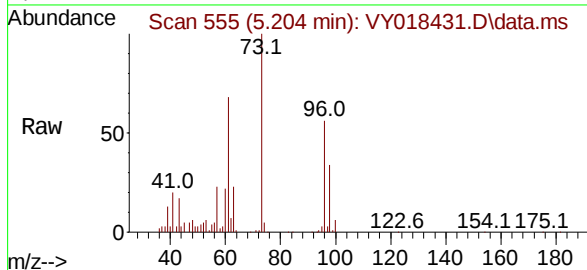
Abundance Scan 554 (5.198 min): VY018432.D\data.ms (-542) #21



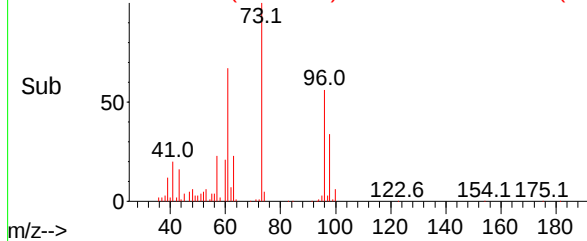
trans-1,2-Dichloroethene
Concen: 23.117 ug/l
RT: 5.204 min Scan# 702
Delta R.T. 0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

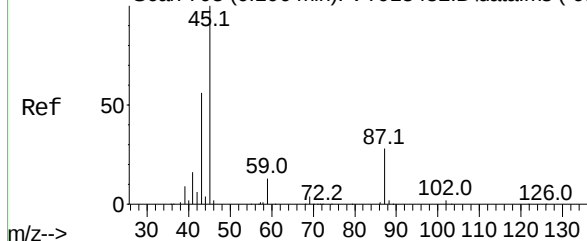
Tgt Ion: 96 Resp: 28720
Ion Ratio Lower Upper
96 100
61 119.3 97.5 146.3
98 60.0 50.5 75.7



Abundance Scan 555 (5.204 min): VY018431.D\data.ms (-505) (-)

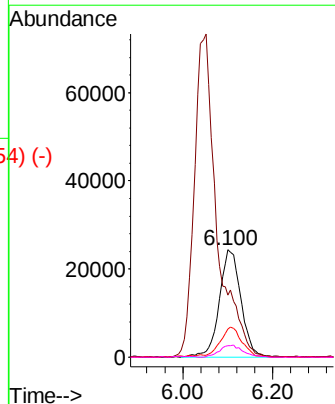
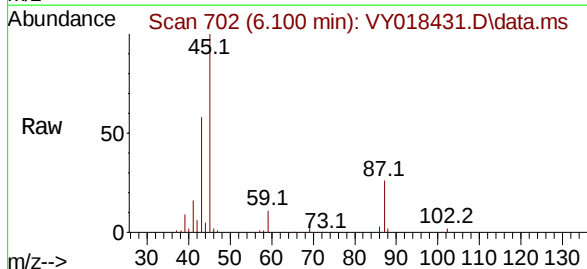


Abundance Scan 703 (6.106 min): VY018432.D\data.ms (-683) #22

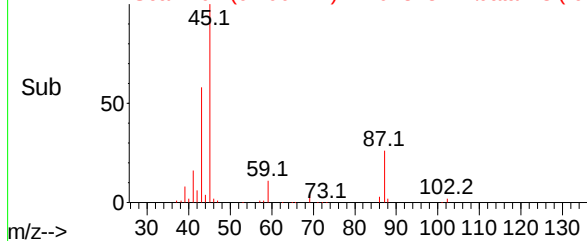


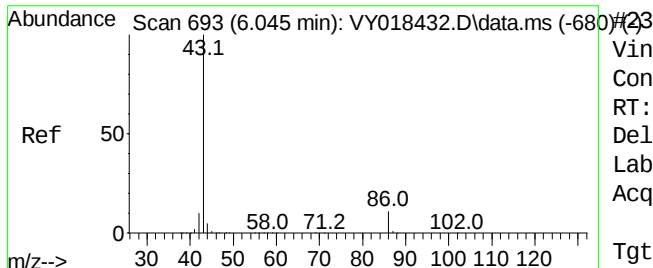
Diisopropyl ether
Concen: 23.431 ug/l
RT: 6.100 min Scan# 702
Delta R.T. -0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion: 45 Resp: 81360
Ion Ratio Lower Upper
45 100
43 57.2 42.2 63.2
87 26.1 25.0 37.6
59 10.7 10.5 15.7



Abundance Scan 702 (6.100 min): VY018431.D\data.ms (-654) (-)





Vinyl Acetate

Concen: 112.884 ug/l

RT: 6.052 min Scan#

Delta R.T. 0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

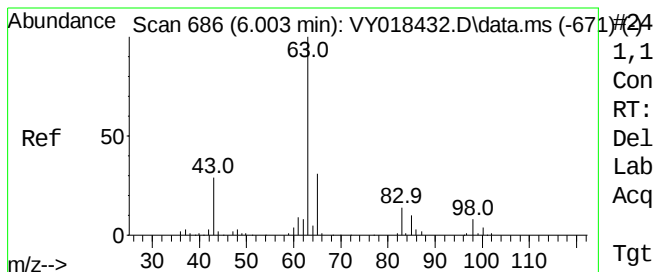
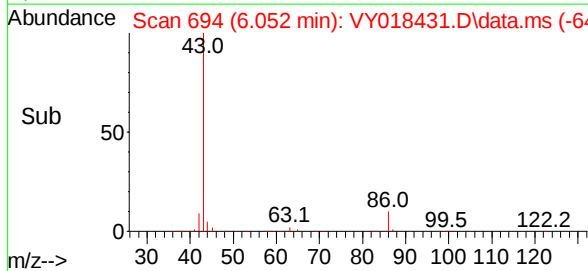
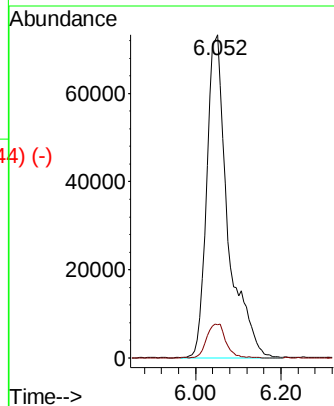
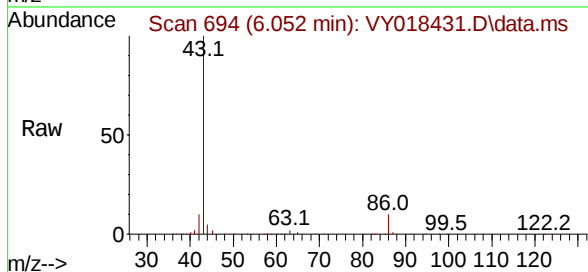
VSTDICC020

Tgt Ion: 43 Resp: 255090

Ion Ratio Lower Upper

43 100

86 10.3 10.6 16.0#



1,1-Dichloroethane

Concen: 22.566 ug/l

RT: 5.997 min Scan# 685

Delta R.T. -0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

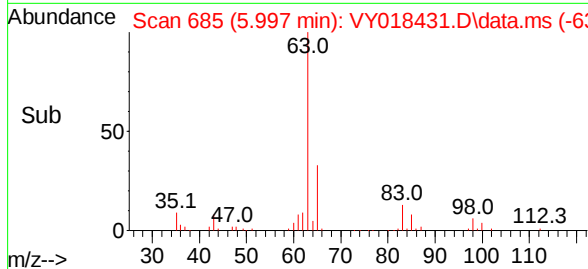
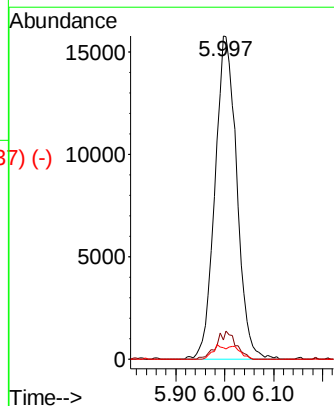
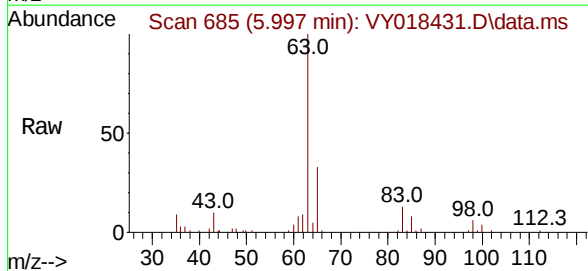
Tgt Ion: 63 Resp: 48872

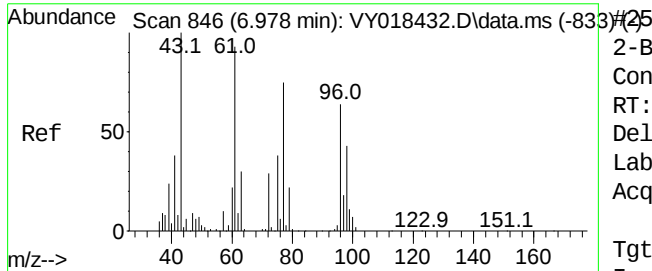
Ion Ratio Lower Upper

63 100

98 5.9 4.0 12.2

100 3.6 2.6 8.0





2-Butanone

Concen: 103.107 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

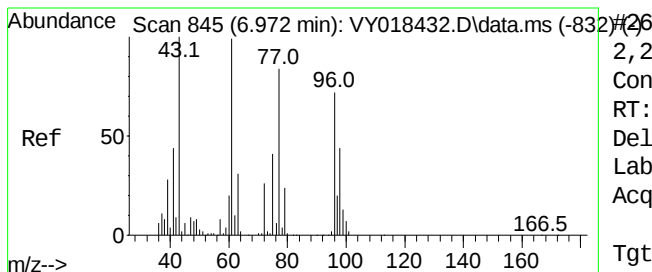
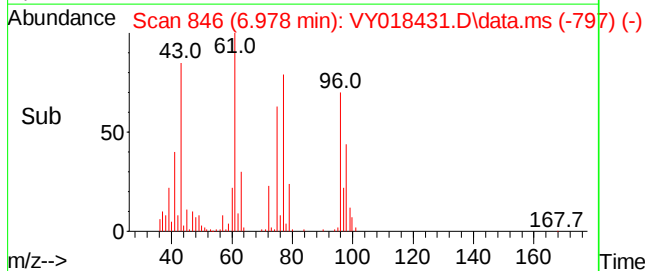
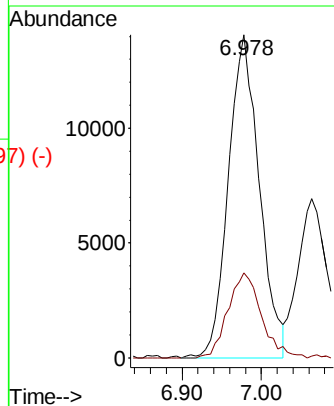
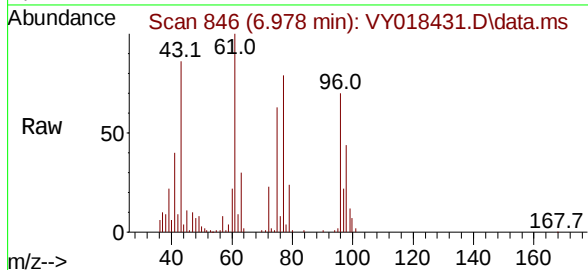
VSTDICC020

Tgt Ion: 43 Resp: 38207

Ion Ratio Lower Upper

43 100

72 26.4 27.3 40.9#



2,2-Dichloropropane

Concen: 21.499 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY018431.D

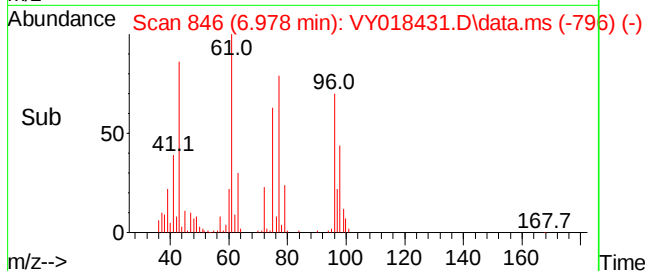
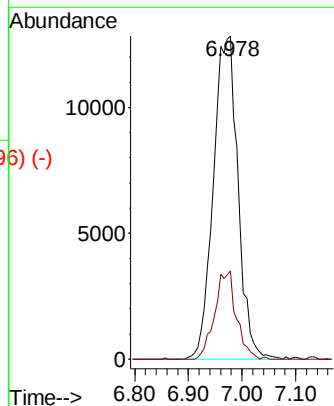
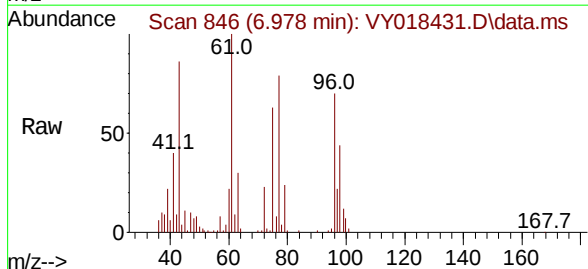
Acq: 03 Jun 2024 11:00

Tgt Ion: 77 Resp: 40923

Ion Ratio Lower Upper

77 100

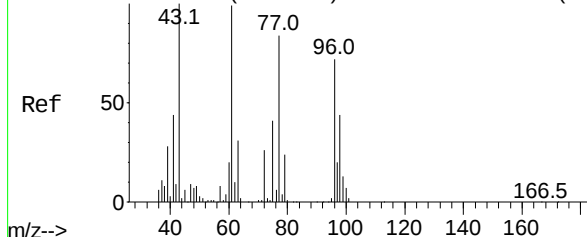
97 23.9 12.0 36.1



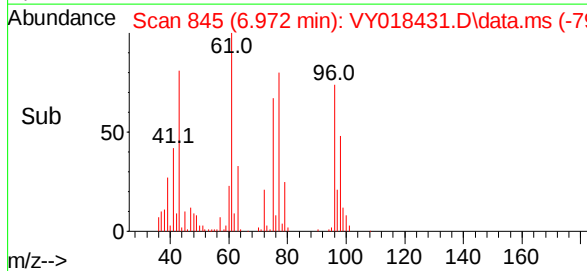
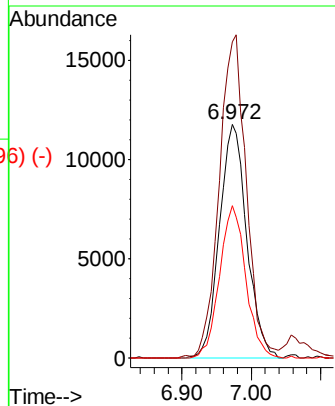
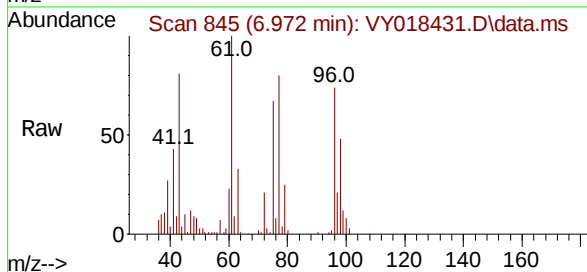
Abundance Scan 845 (6.972 min): VY018432.D\data.ms (-833) #27

cis-1,2-Dichloroethene
Concen: 22.236 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



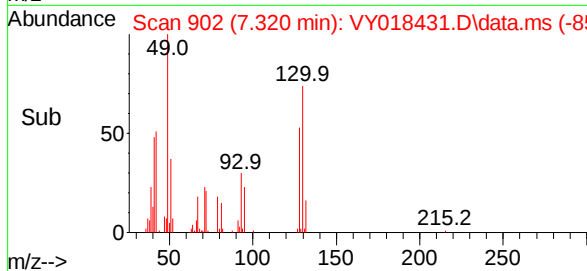
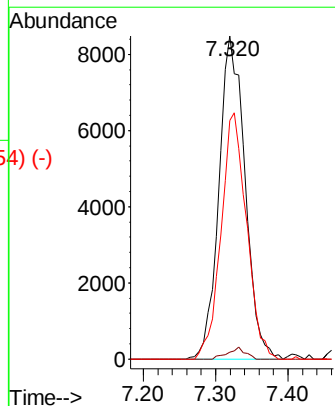
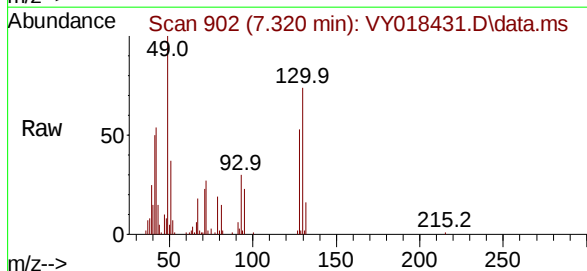
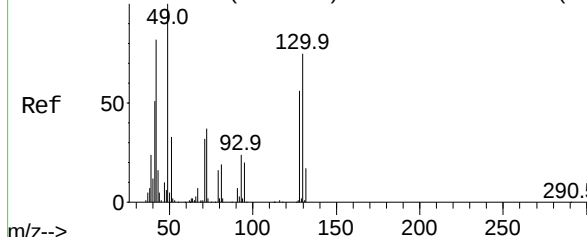
Tgt Ion:	96	Resp:	32135
Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	256.2
98	62.6	0.0	130.0



Abundance Scan 903 (7.326 min): VY018432.D\data.ms (-891) #28

Bromochloromethane
Concen: 21.139 ug/l
RT: 7.320 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:	49	Resp:	21068
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	74.8	72.7	109.1



Abundance Scan 905 (7.338 min): VY018432.D\data.ms (-890) #29

Tetrahydrofuran

Concen: 111.248 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 26772

Ion Ratio Lower Upper

42 100

72 43.3 43.0 64.4

71 42.4 40.8 61.2

Abundance Scan 905 (7.338 min): VY018431.D\data.ms

Ref 50 42.0 72.1 129.9 206.8

m/z-->

Abundance Scan 905 (7.338 min): VY018431.D\data.ms

Raw 50 42.1 72.1 130.0 224.3

m/z-->

Abundance Scan 905 (7.338 min): VY018431.D\data.ms (-856) (-)

Sub 50 42.1 72.0 130.0 224.3

m/z-->

Abundance

7.338

8000

6000

4000

2000

0

Time-->

7.20 7.30 7.40

Abundance Scan 931 (7.496 min): VY018432.D\data.ms (-919) #30

Chloroform

Concen: 22.715 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Tgt Ion: 83 Resp: 49341

Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.4

Abundance Scan 931 (7.496 min): VY018431.D\data.ms

Ref 50 47.0 83.0 119.9 152.1 262.8

m/z-->

Abundance Scan 931 (7.496 min): VY018431.D\data.ms

Raw 50 47.0 82.9 117.9

m/z-->

Abundance Scan 931 (7.496 min): VY018431.D\data.ms (-882) (-)

Sub 50 47.0 82.9 119.0

m/z-->

Abundance

7.496

15000

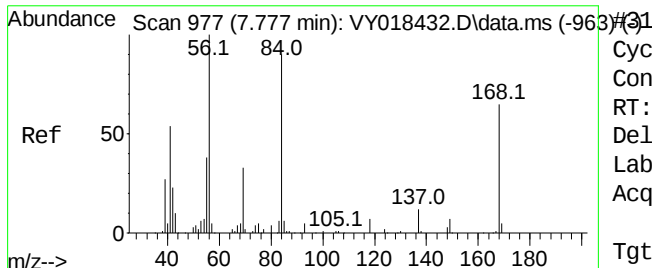
10000

5000

0

Time-->

7.40 7.50 7.60



Cyclohexane

Concen: 23.047 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

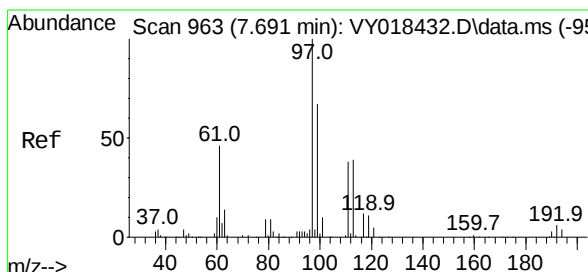
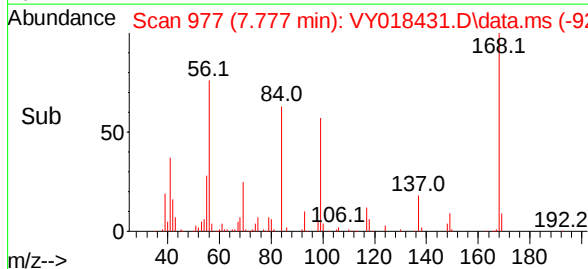
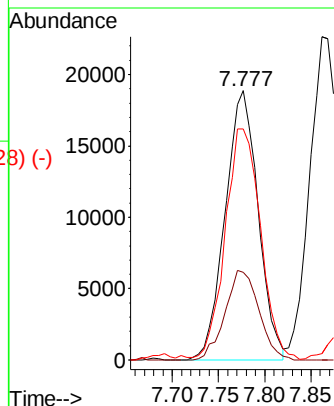
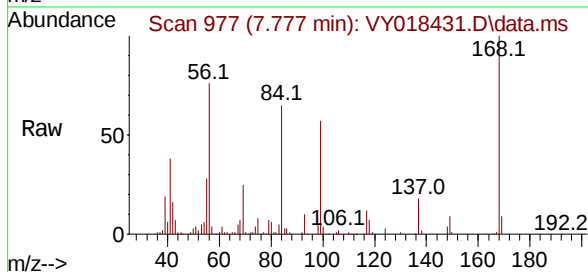
Tgt Ion: 56 Resp: 46831

Ion Ratio Lower Upper

56 100

69 32.6 28.7 43.1

84 84.1 77.7 116.5



1,1,1-Trichloroethane

Concen: 22.129 ug/l

RT: 7.691 min Scan# 963

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

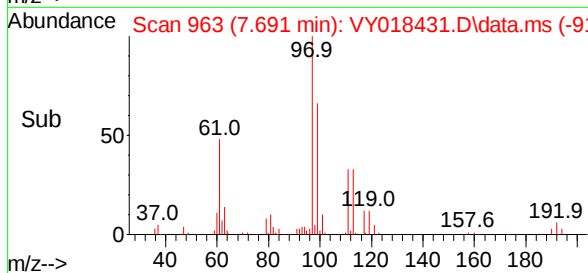
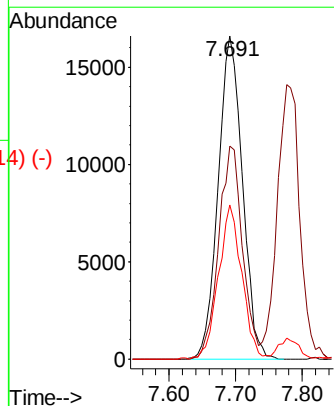
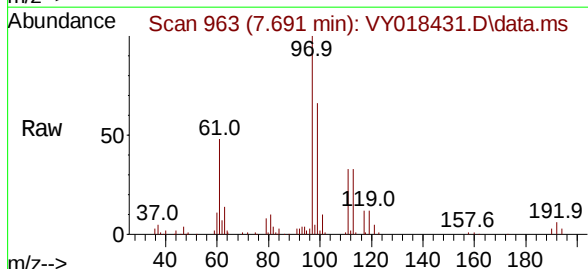
Tgt Ion: 97 Resp: 42100

Ion Ratio Lower Upper

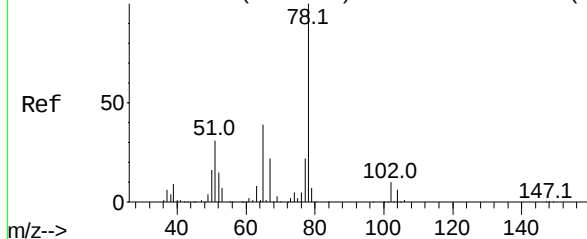
97 100

99 64.5 50.3 75.5

61 45.7 32.6 48.8



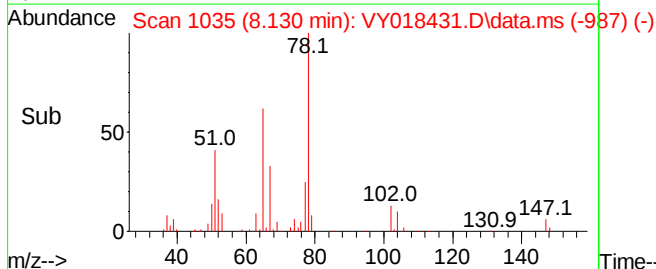
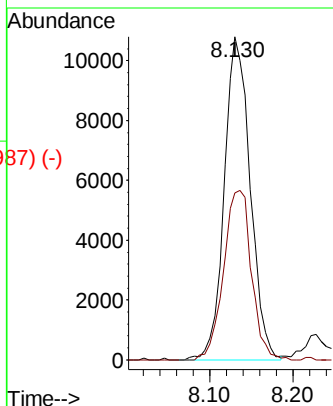
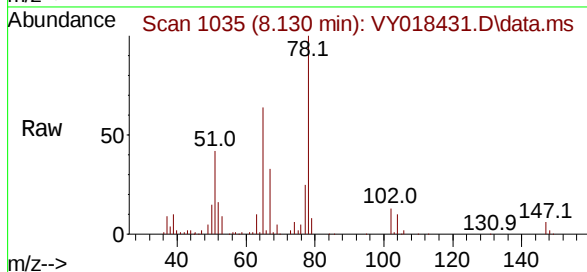
Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-10253)



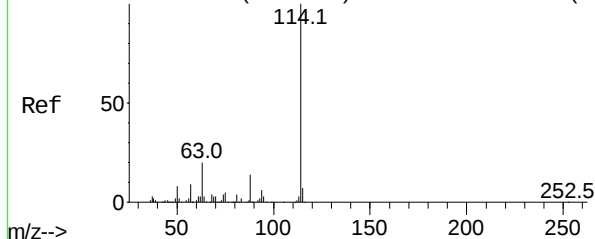
1,2-Dichloroethane-d4
Concen: 21.640 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 23584
Ion Ratio Lower Upper
65 100
67 56.3 0.0 109.6

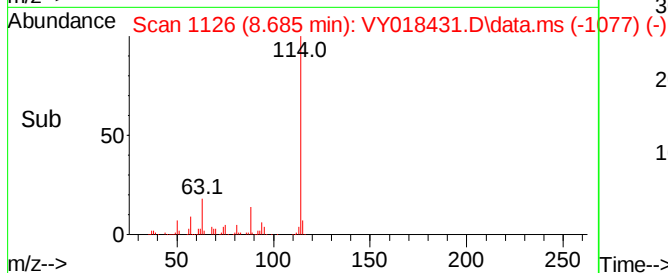
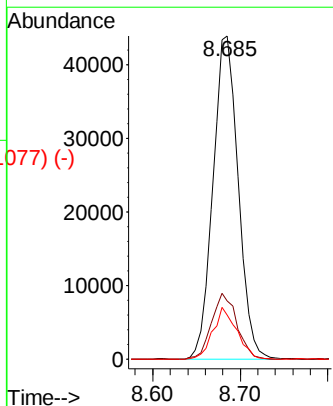
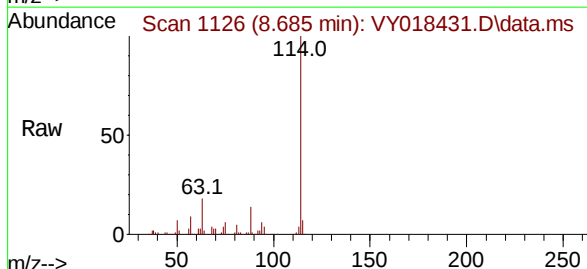


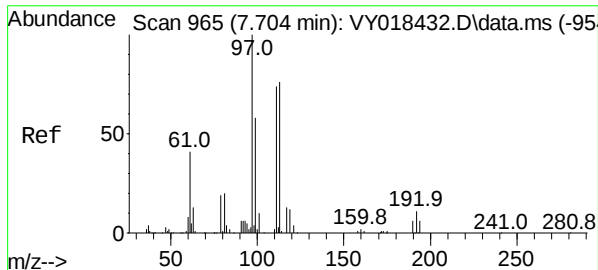
Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-11154)



1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:114 Resp: 87975
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 13.6 0.0 27.2





Dibromofluoromethane

Concen: 21.409 ug/l

RT: 7.710 min Scan# 965

Delta R.T. 0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

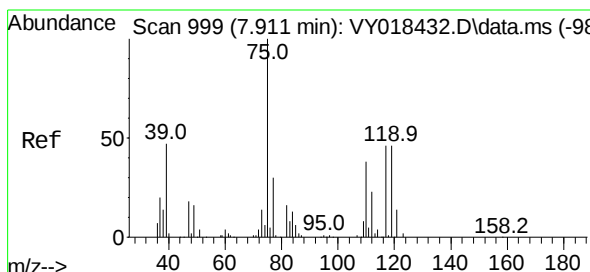
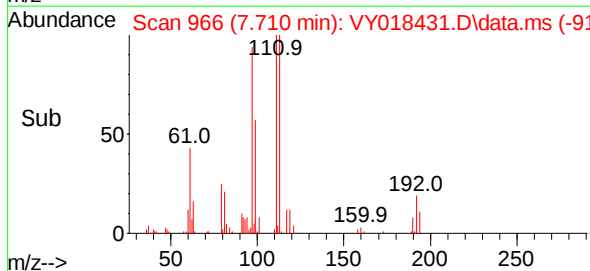
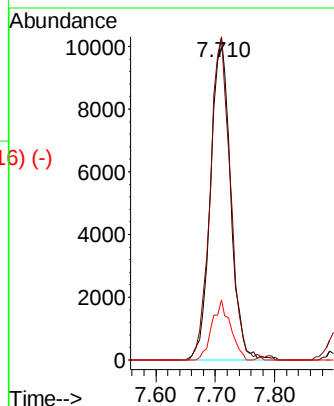
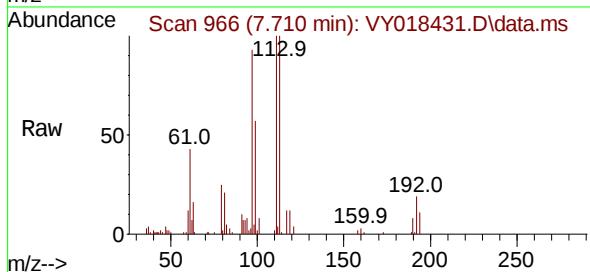
Tgt Ion:113 Resp: 23883

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 17.2 15.9 23.9



1,1-Dichloropropene

Concen: 21.665 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

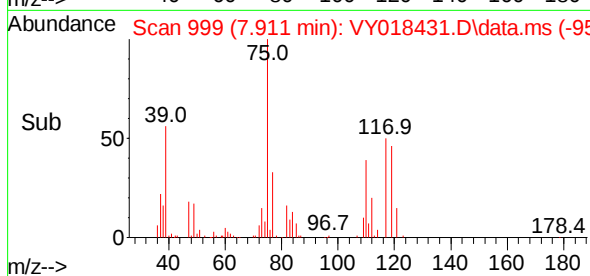
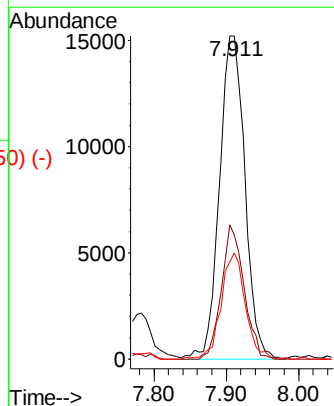
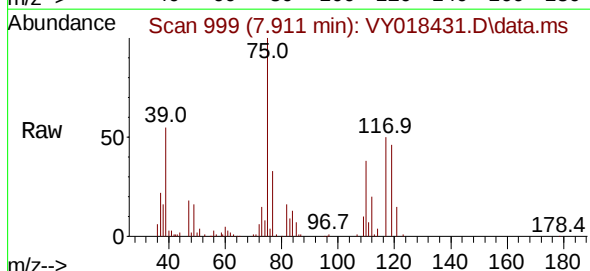
Tgt Ion: 75 Resp: 36852

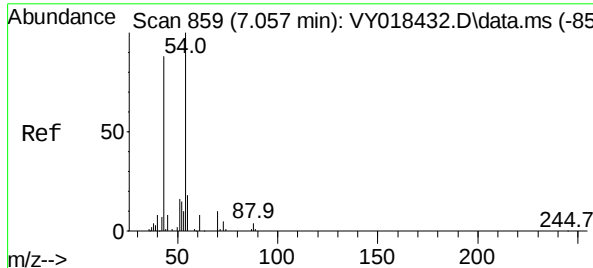
Ion Ratio Lower Upper

75 100

110 36.9 19.0 57.0

77 31.3 25.3 37.9





Ethyl Acetate

Concen: 21.188 ug/l

RT: 7.064 min Scan# 859

Delta R.T. 0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

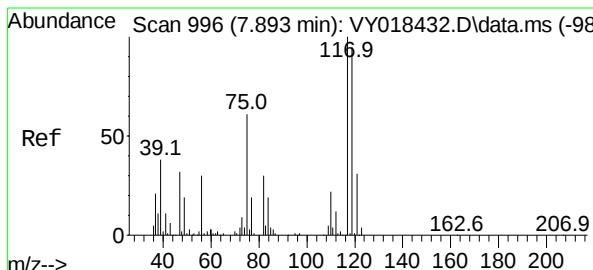
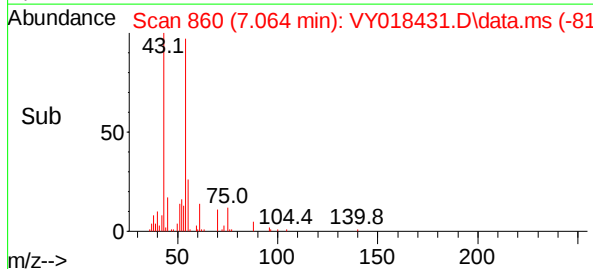
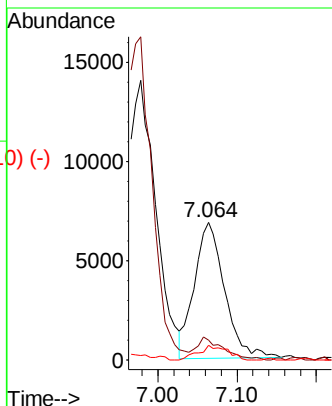
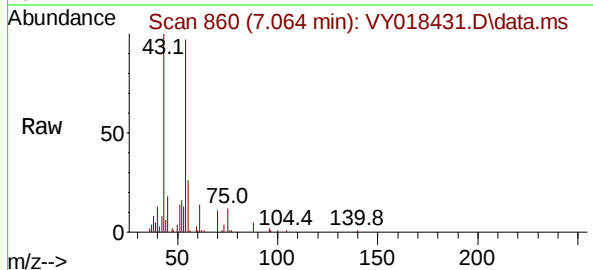
Tgt Ion: 43 Resp: 18005

Ion Ratio Lower Upper

43 100

61 14.5 12.6 19.0

70 10.2 7.8 11.8



Carbon Tetrachloride

Concen: 20.926 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

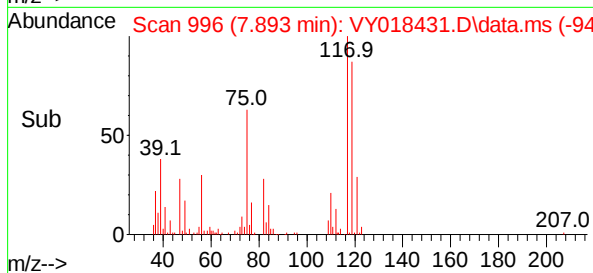
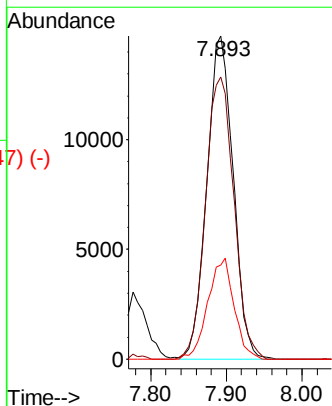
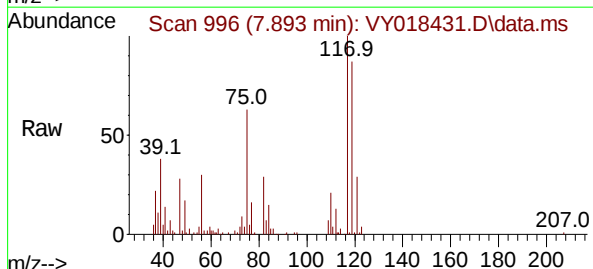
Tgt Ion:117 Resp: 35669

Ion Ratio Lower Upper

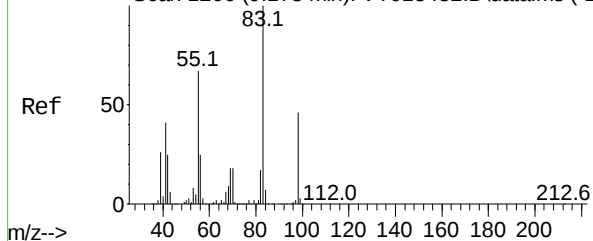
117 100

119 87.3 75.8 113.6

121 29.0 24.0 36.0



Abundance Scan 1206 (9.173 min): VY018432.D\data.ms (-1157) (-)



Methylcyclohexane

Concen: 22.188 ug/l

RT: 9.179 min Scan# 1206

Delta R.T. 0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 51021

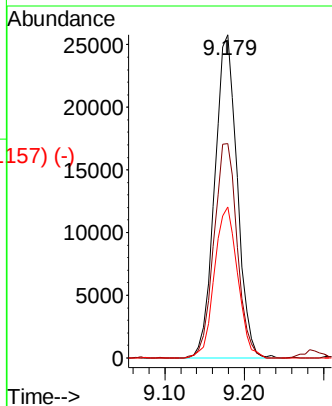
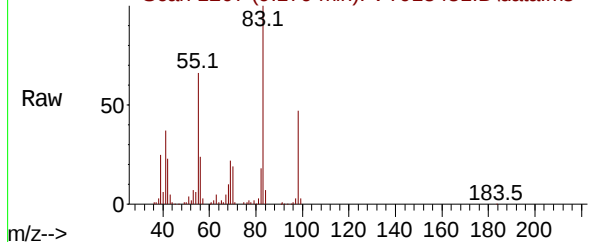
Ion Ratio Lower Upper

83 100

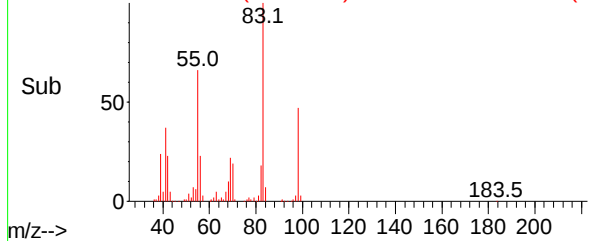
55 66.4 51.5 77.3

98 46.7 40.5 60.7

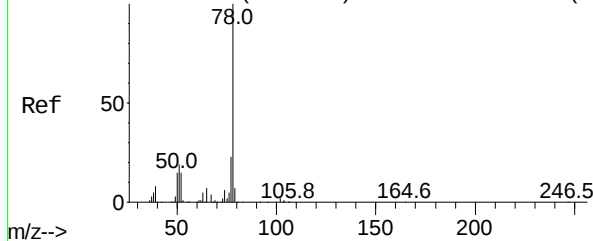
Abundance Scan 1207 (9.179 min): VY018431.D\data.ms



Abundance Scan 1207 (9.179 min): VY018431.D\data.ms (-1157) (-)



Abundance Scan 1039 (8.155 min): VY018432.D\data.ms (-1024) (-)



Benzene

Concen: 22.155 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

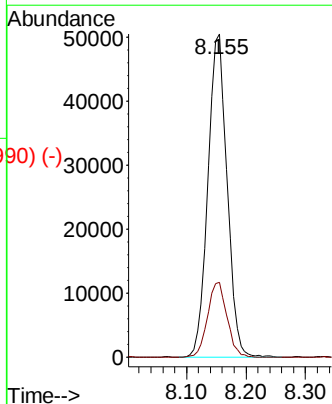
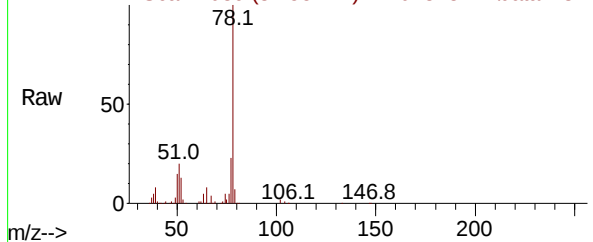
Tgt Ion: 78 Resp: 112914

Ion Ratio Lower Upper

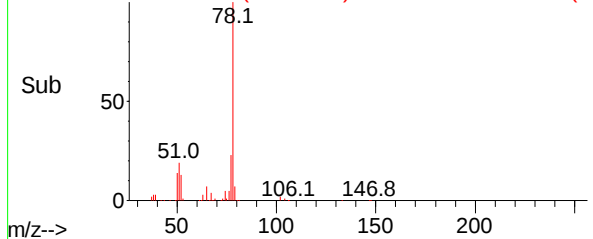
78 100

77 23.2 19.5 29.3

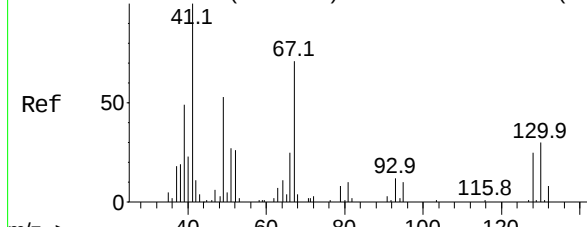
Abundance Scan 1039 (8.155 min): VY018431.D\data.ms



Abundance Scan 1039 (8.155 min): VY018431.D\data.ms (-990) (-)



Abundance Scan 898 (7.295 min): VY018432.D\data.ms (-883) #41



Methacrylonitrile

Concen: 18.757 ug/l

RT: 7.295 min Scan# 898

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 8557

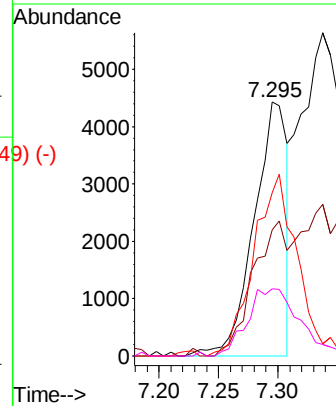
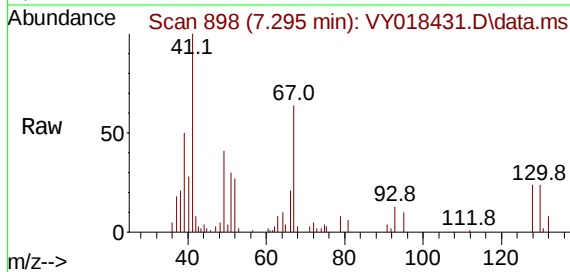
Ion Ratio Lower Upper

41 100

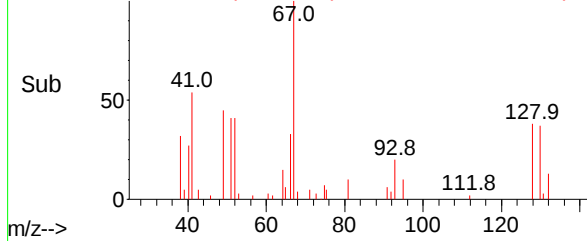
39 54.4 48.0 72.0

67 94.0 75.1 112.7

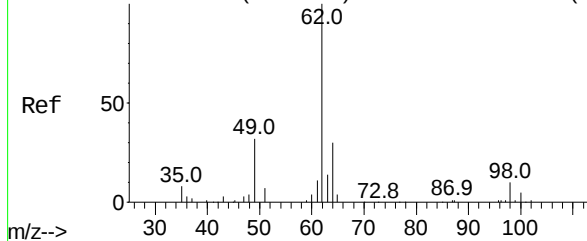
52 42.7 29.8 44.6



Abundance Scan 898 (7.295 min): VY018431.D\data.ms (-849) (-)



Abundance Scan 1051 (8.228 min): VY018432.D\data.ms (-1044) #42



1,2-Dichloroethane

Concen: 21.847 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VY018431.D

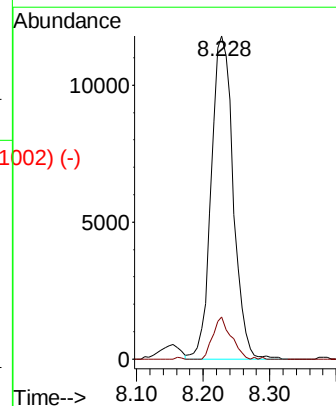
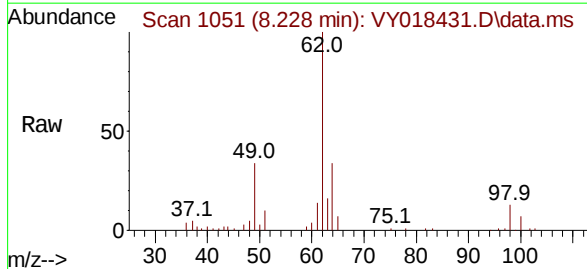
Acq: 03 Jun 2024 11:00

Tgt Ion: 62 Resp: 27071

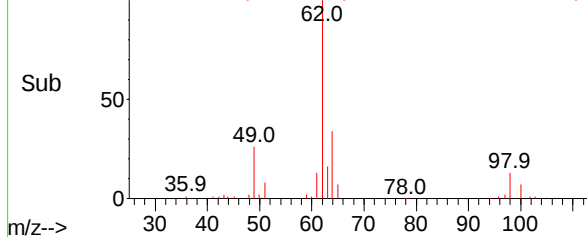
Ion Ratio Lower Upper

62 100

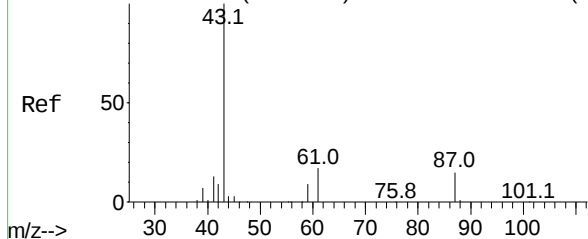
98 10.7 0.0 22.0



Abundance Scan 1051 (8.228 min): VY018431.D\data.ms (-1002) (-)



Abundance Scan 1057 (8.264 min): VY018432.D\data.ms (-1043)



Isopropyl Acetate

Concen: 20.586 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

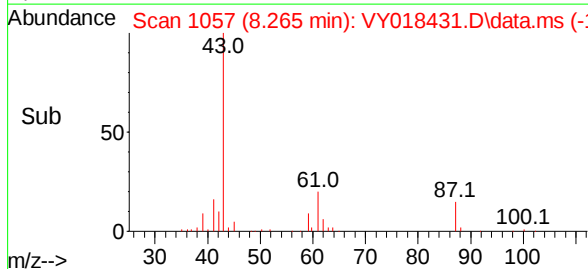
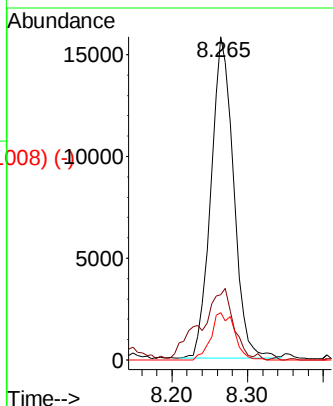
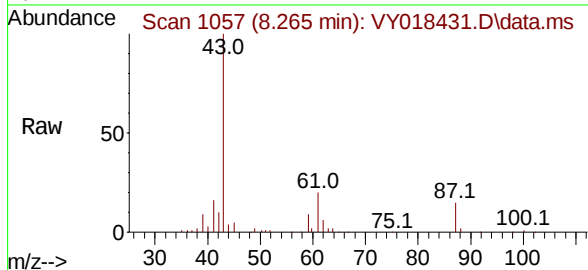
Tgt Ion: 43 Resp: 32710

Ion Ratio Lower Upper

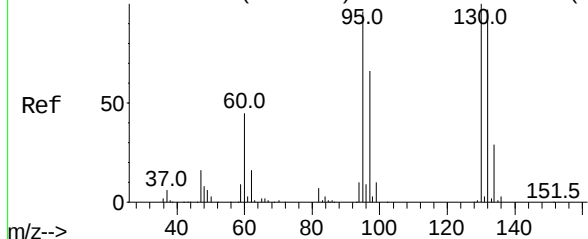
43 100

61 32.5 27.9 41.9

87 15.4 13.1 19.7



Abundance Scan 1167 (8.935 min): VY018432.D\data.ms (-1154)



Trichloroethene

Concen: 21.452 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018431.D

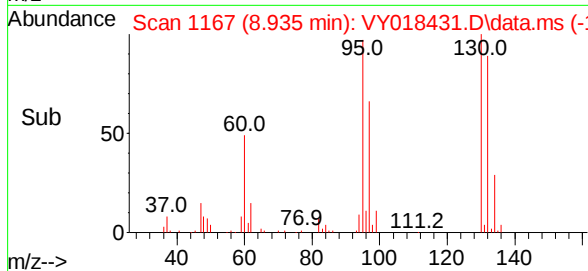
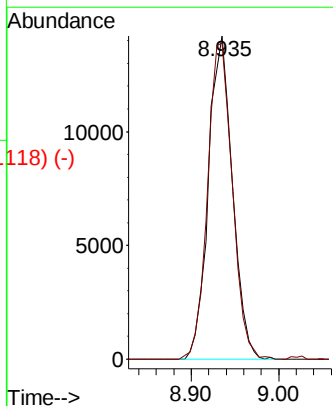
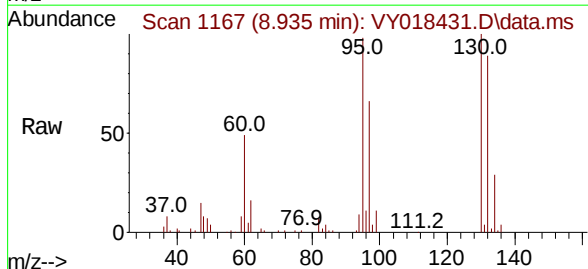
Acq: 03 Jun 2024 11:00

Tgt Ion:130 Resp: 27094

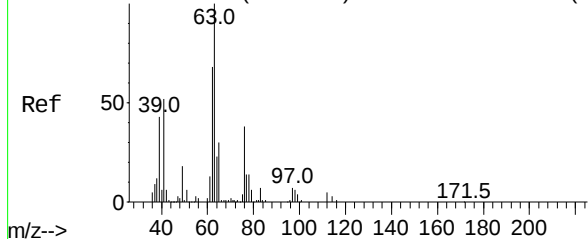
Ion Ratio Lower Upper

130 100

95 97.9 0.0 188.0



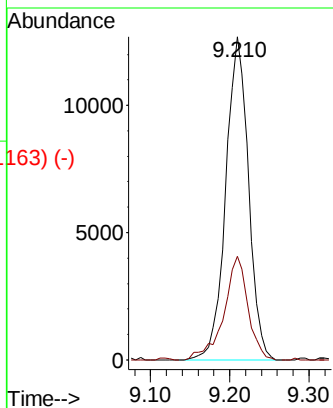
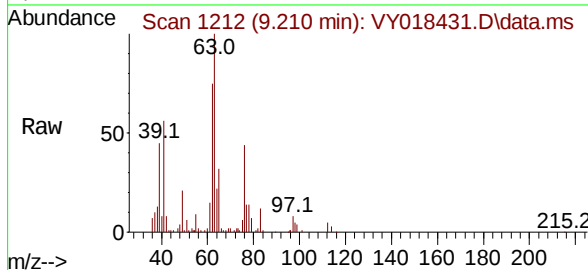
Abundance Scan 1212 (9.209 min): VY018432.D\data.ms (-12045)



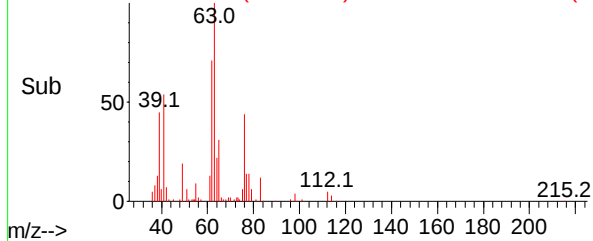
1,2-Dichloropropane
Concen: 21.714 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

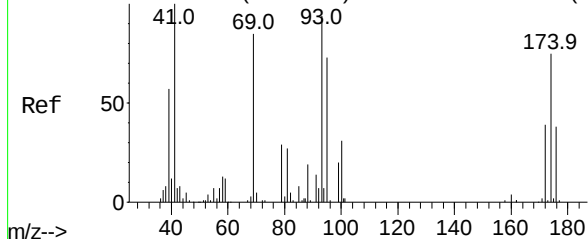
Tgt Ion: 63 Resp: 25309
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.2



Abundance Scan 1212 (9.210 min): VY018431.D\data.ms (-1163) (-)

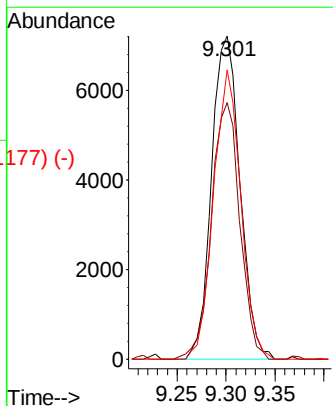
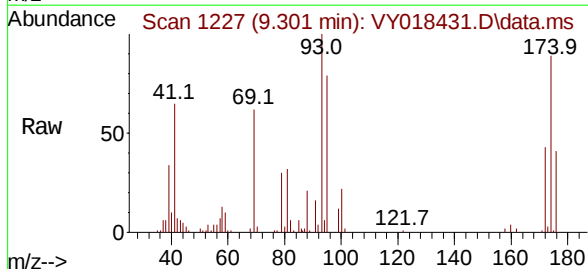


Abundance Scan 1226 (9.295 min): VY018432.D\data.ms (-12184)

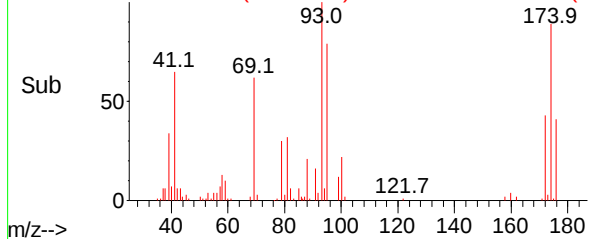


Dibromomethane
Concen: 21.801 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

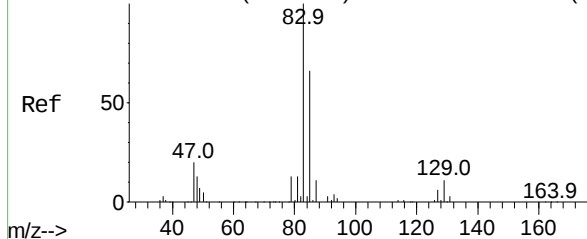
Tgt Ion: 93 Resp: 14569
Ion Ratio Lower Upper
93 100
95 79.1 66.2 99.4
174 85.8 80.9 121.3



Abundance Scan 1227 (9.301 min): VY018431.D\data.ms (-1177) (-)



Abundance Scan 1258 (9.490 min): VY018432.D\data.ms (-1247)



Bromodichloromethane

Concen: 21.474 ug/l

RT: 9.490 min Scan#

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

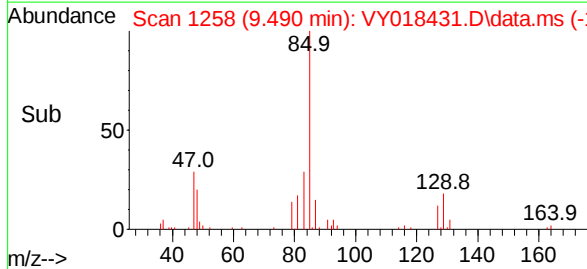
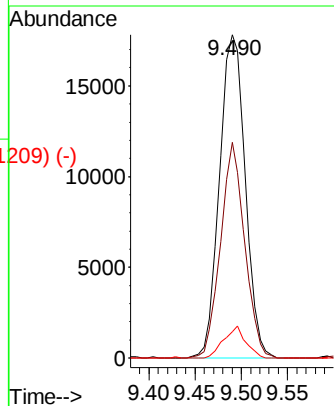
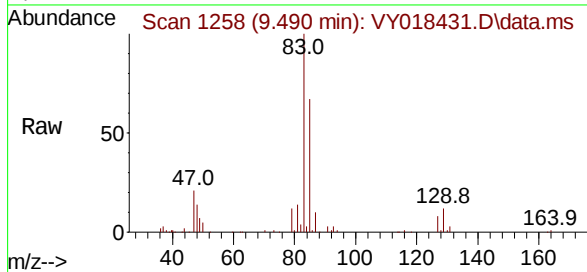
Tgt Ion: 83 Resp: 34447

Ion Ratio Lower Upper

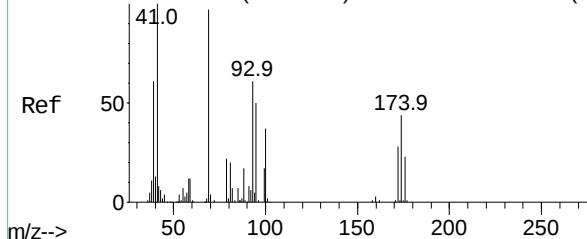
83 100

85 66.8 50.1 75.1

127 8.2 7.4 11.0



Abundance Scan 1225 (9.289 min): VY018432.D\data.ms (-1248)



Methyl methacrylate

Concen: 21.931 ug/l

RT: 9.283 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

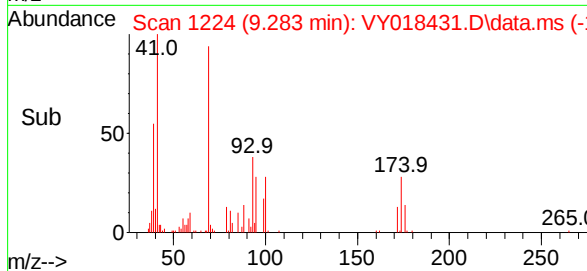
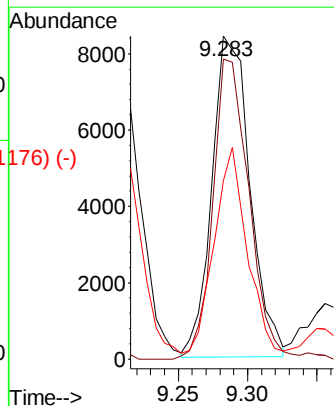
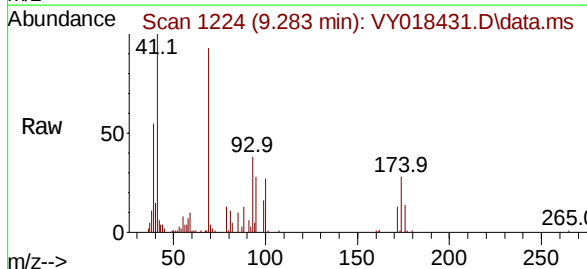
Tgt Ion: 41 Resp: 16032

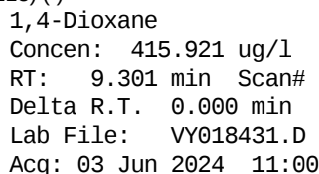
Ion Ratio Lower Upper

41 100

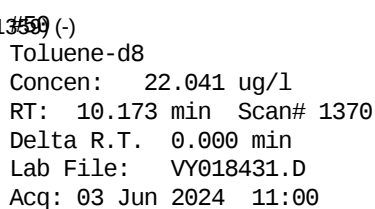
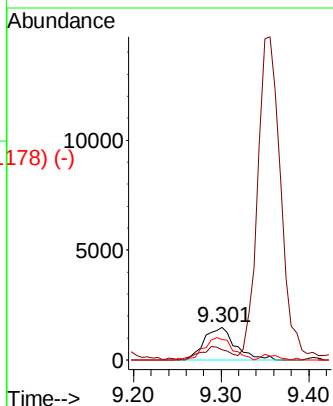
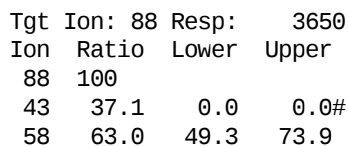
69 88.2 84.1 126.1

39 58.9 43.6 65.4

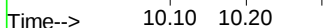
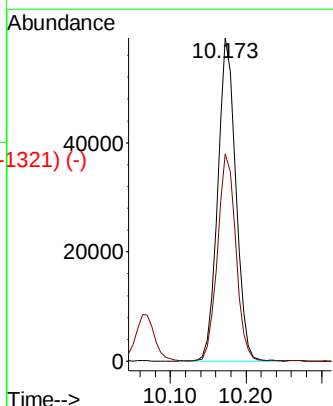


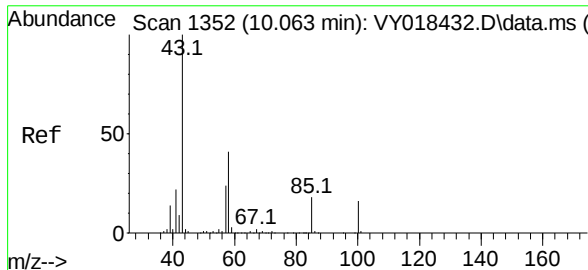


Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt	Ion: 98	Resp:	97818
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0

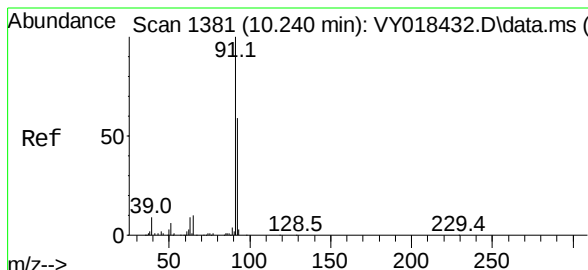
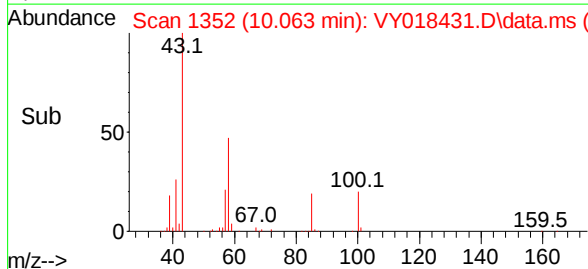
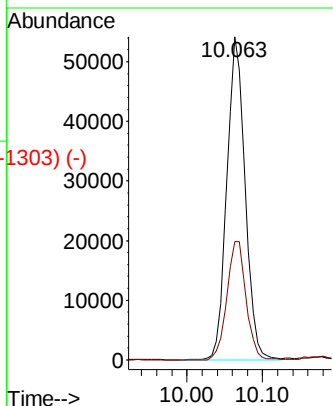
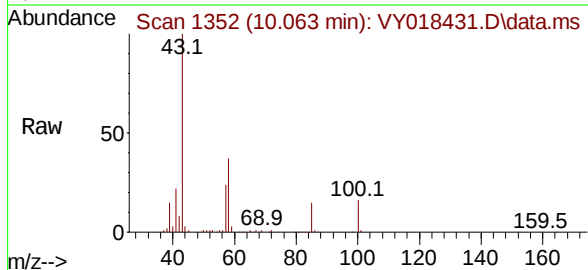




4-Methyl-2-Pentanone
Concen: 110.594 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

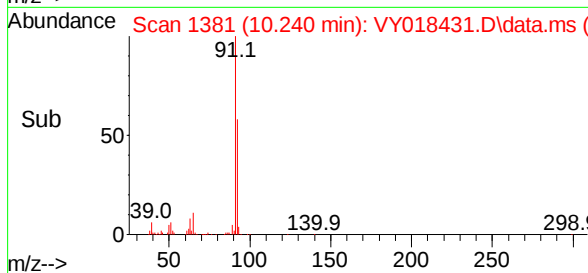
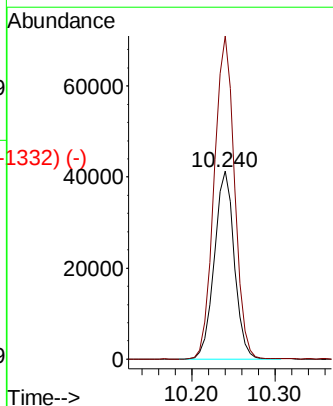
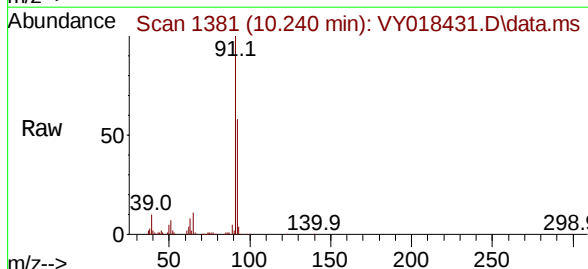
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

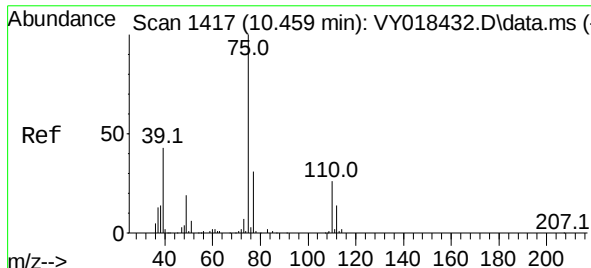
Tgt Ion: 43 Resp: 91246
Ion Ratio Lower Upper
43 100
58 38.5 35.7 53.5



Toluene
Concen: 22.088 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion: 92 Resp: 69239
Ion Ratio Lower Upper
92 100
91 175.4 139.0 208.6

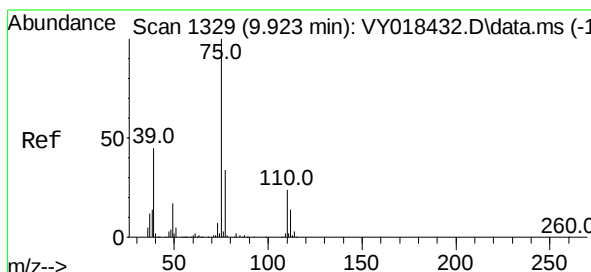
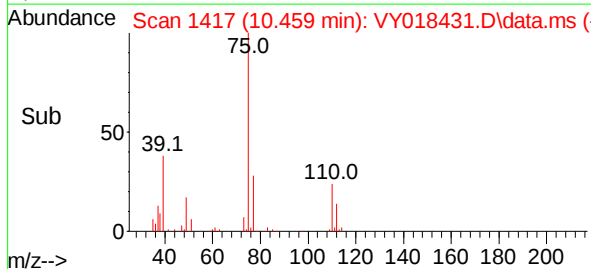
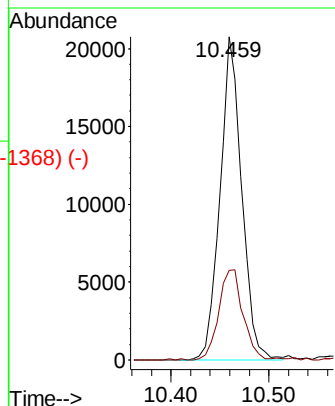
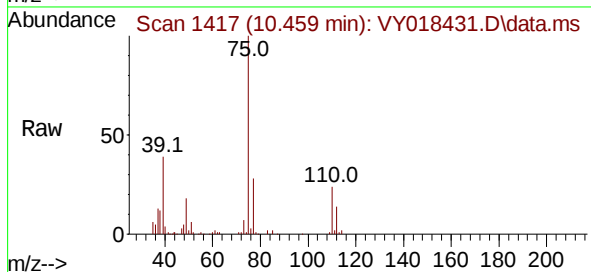




Scan 1417 (10.459 min): VY018432.D\data.ms (-1458) (-)
 t-1,3-Dichloropropene
 Concen: 21.821 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

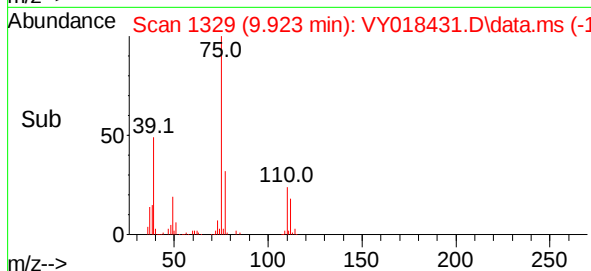
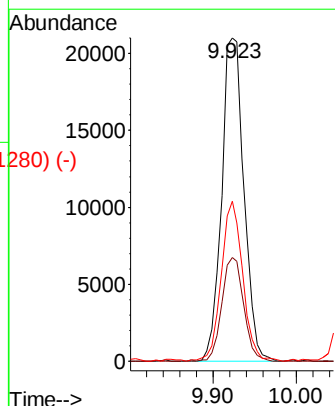
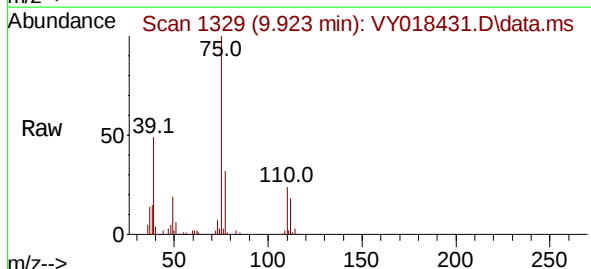
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

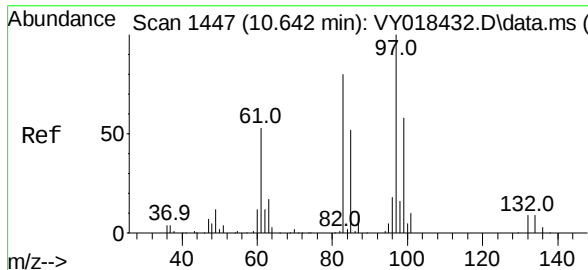
Tgt Ion: 75 Resp: 32145
 Ion Ratio Lower Upper
 75 100
 77 27.3 24.1 36.1



Scan 1329 (9.923 min): VY018432.D\data.ms (-1329) (-)
 cis-1,3-Dichloropropene
 Concen: 21.862 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

Tgt Ion: 75 Resp: 39653
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 49.4 29.8 44.6#

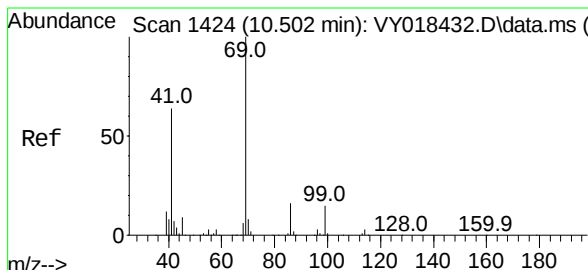
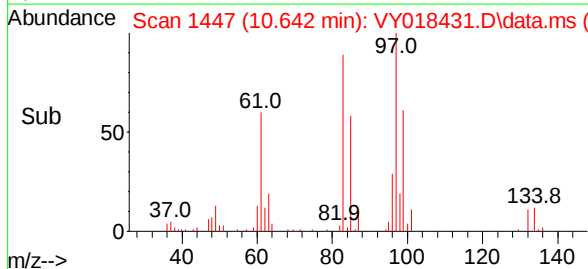
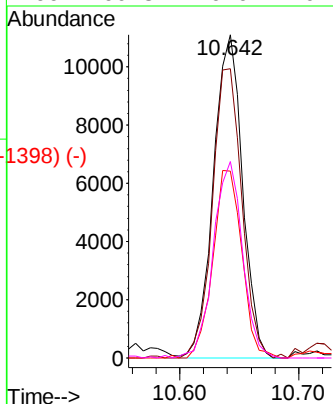
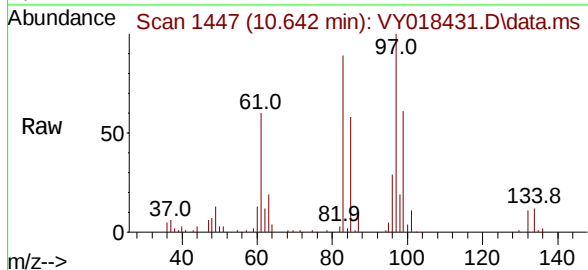




1,1,2-Trichloroethane
Concen: 21.750 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

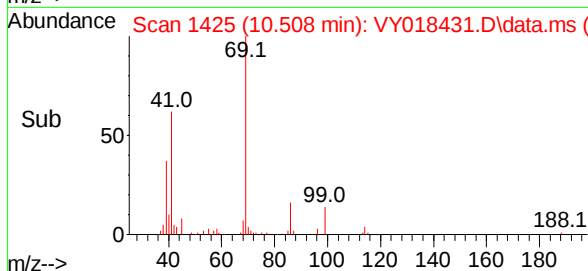
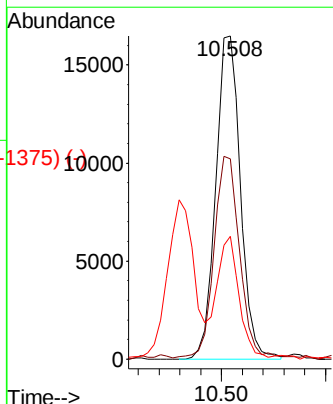
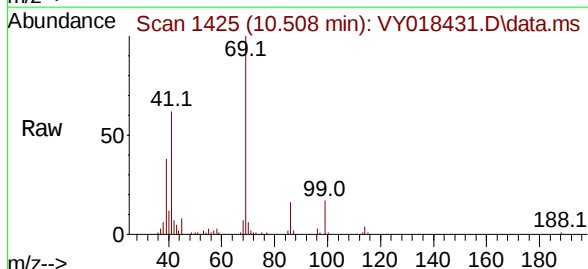
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

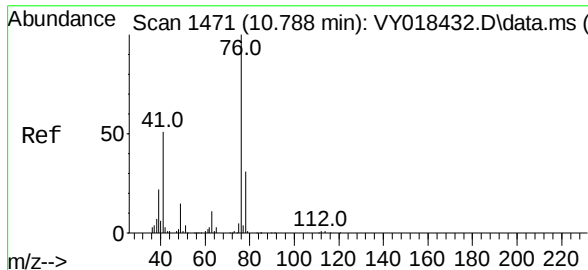
Tgt Ion:	97	Resp:	18910
Ion	Ratio	Lower	Upper
97	100		
83	89.5	67.5	101.3
85	57.9	42.9	64.3
99	60.8	46.6	70.0



Ethyl methacrylate
Concen: 22.427 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:	69	Resp:	27439
Ion	Ratio	Lower	Upper
69	100		
41	64.2	42.3	63.5#
39	33.7	22.9	34.3

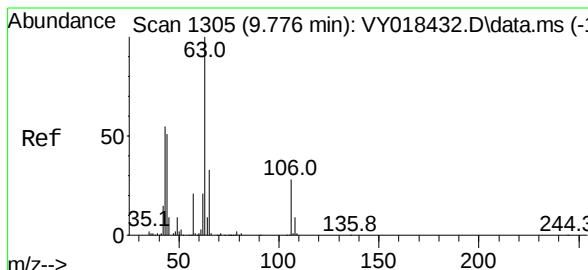
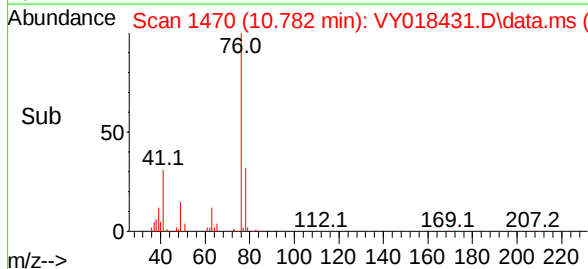
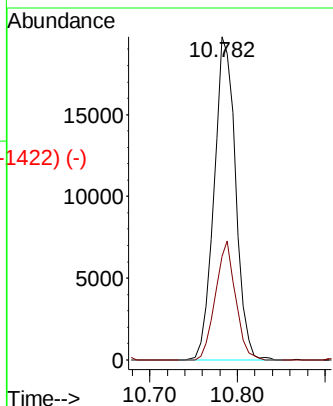
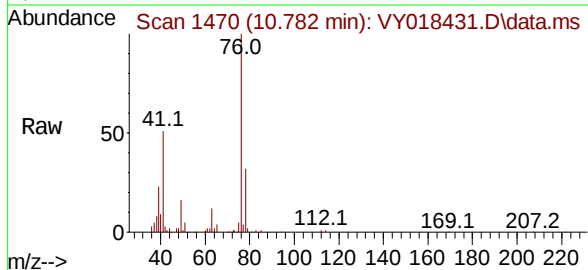




1,3-Dichloropropane
Concen: 22.750 ug/l
RT: 10.782 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

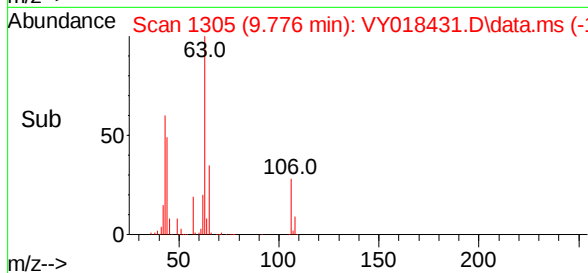
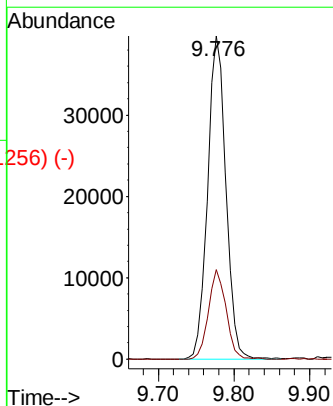
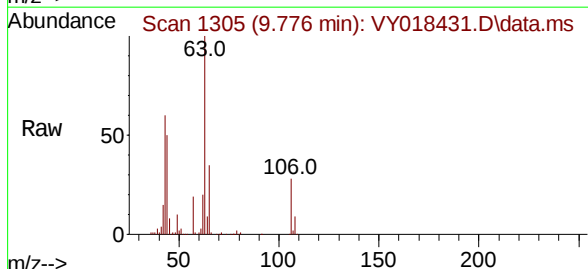
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

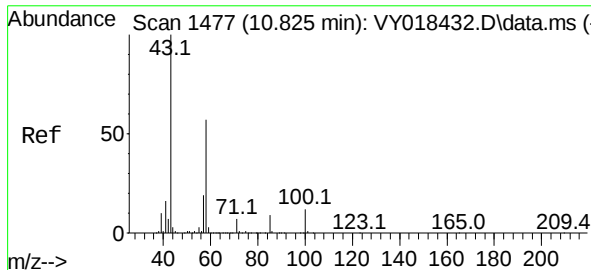
Tgt Ion: 76 Resp: 33579
Ion Ratio Lower Upper
76 100
78 34.4 26.2 39.4



2-Chloroethyl Vinyl ether
Concen: 101.663 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion: 63 Resp: 66793
Ion Ratio Lower Upper
63 100
106 26.7 23.7 35.5

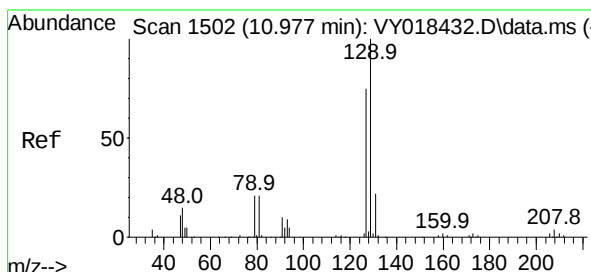
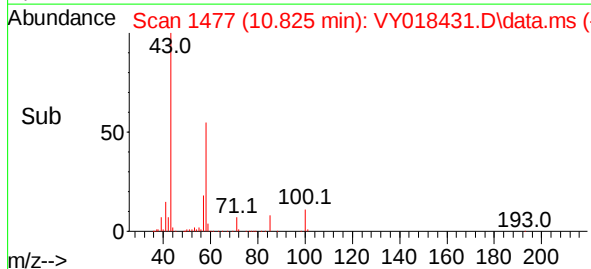
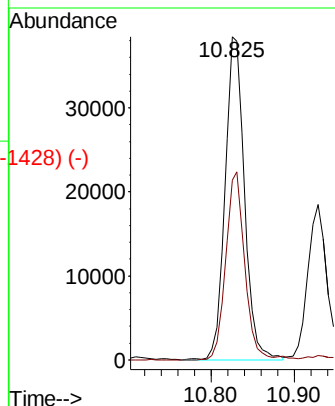
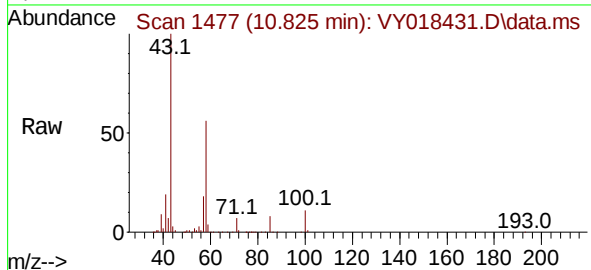




2-Hexanone
Concen: 111.015 ug/l
RT: 10.825 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

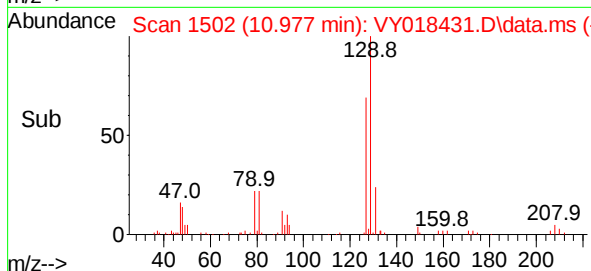
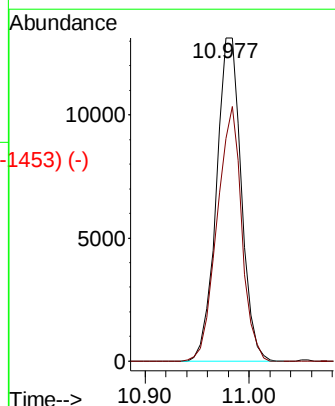
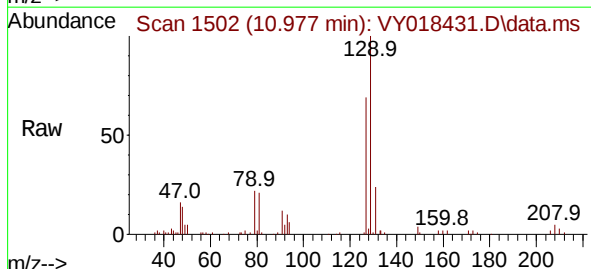
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

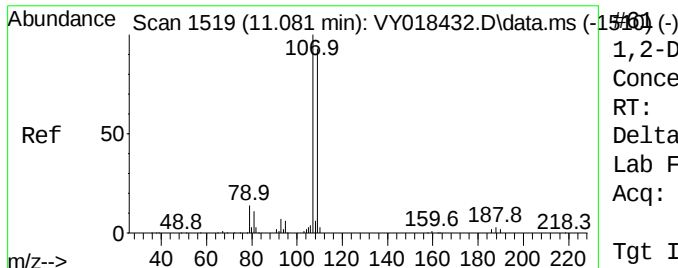
Tgt Ion: 43 Resp: 63295
Ion Ratio Lower Upper
43 100
58 56.4 31.4 94.0



Dibromochloromethane
Concen: 20.753 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion: 129 Resp: 22044
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0





1,2-Dibromoethane

Concen: 22.133 ug/l

RT: 11.081 min Scan# 1519

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

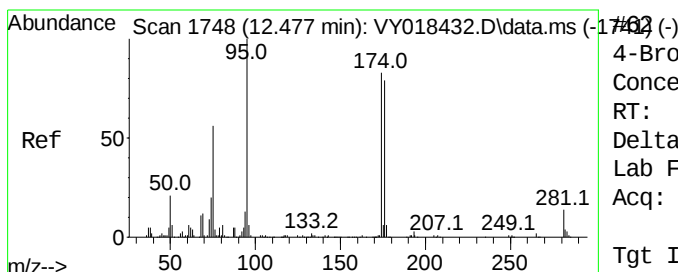
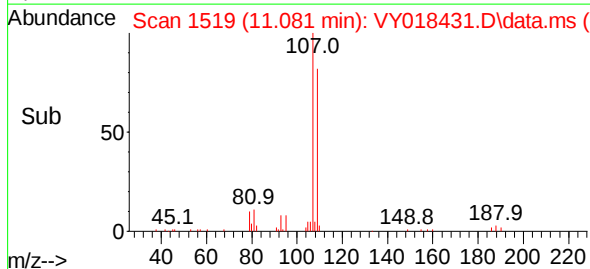
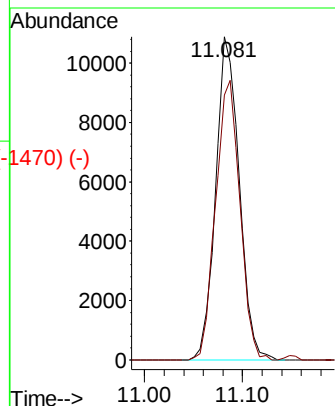
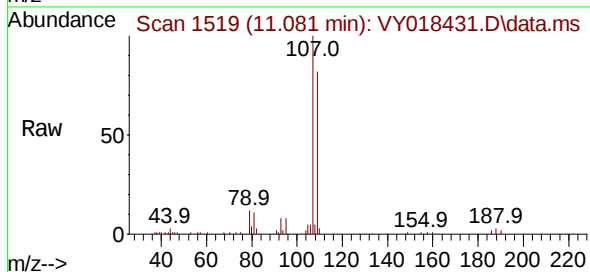
VSTDIC020

Tgt Ion:107 Resp: 18121

Ion Ratio Lower Upper

107 100

109 89.4 75.9 113.9



4-Bromofluorobenzene

Concen: 22.129 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

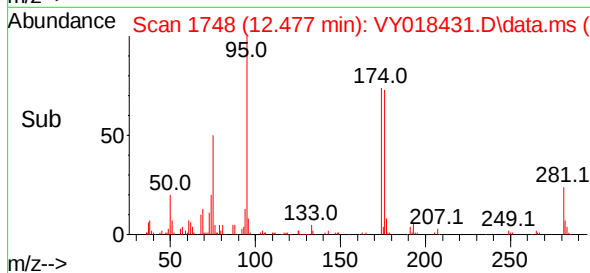
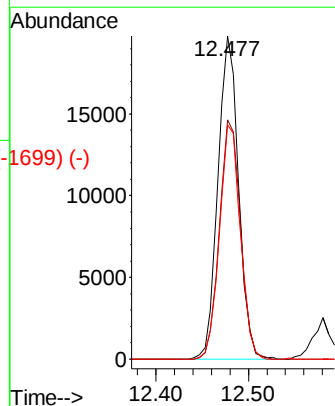
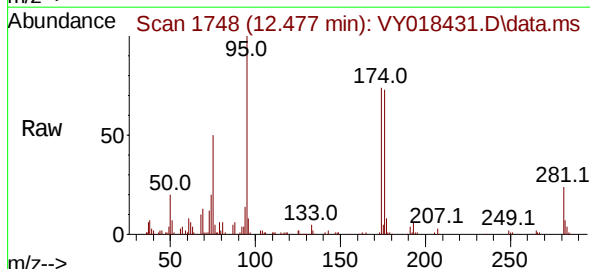
Tgt Ion: 95 Resp: 30578

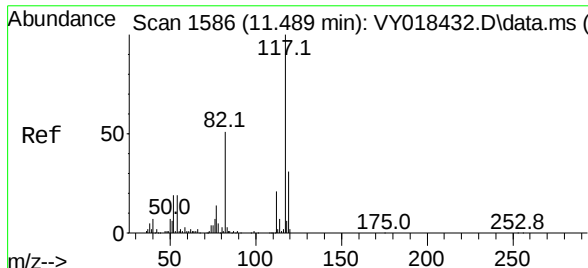
Ion Ratio Lower Upper

95 100

174 75.7 0.0 175.6

176 73.5 0.0 171.4

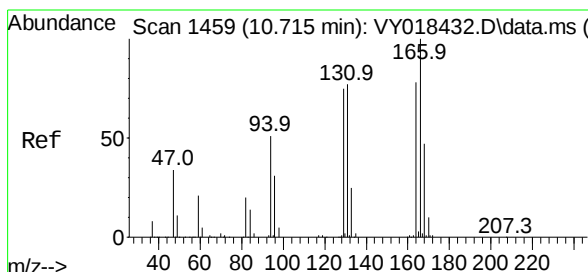
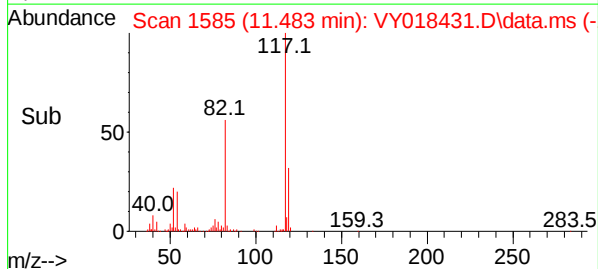
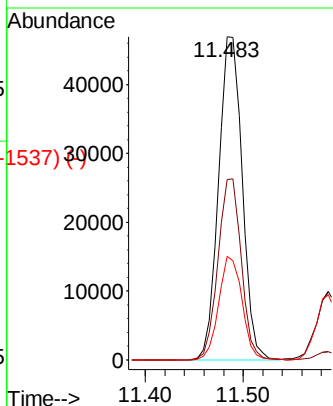
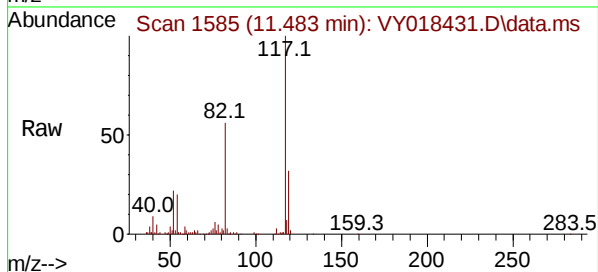




Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

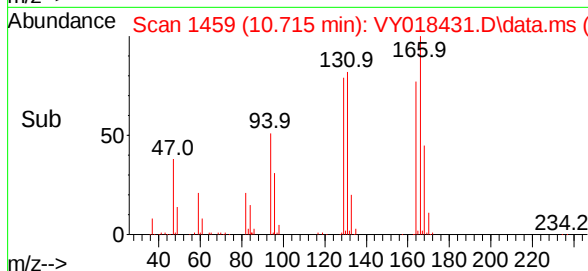
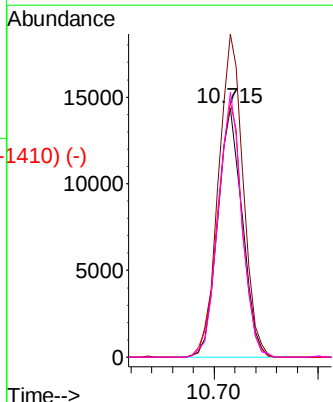
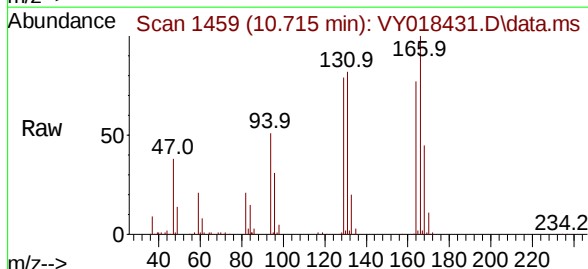
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

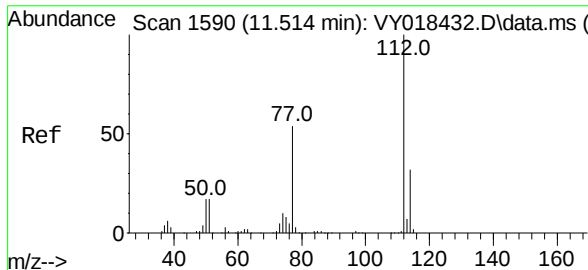
Tgt Ion:	117	Resp:	78909
Ion	Ratio	Lower	Upper
117	100		
82	55.9	42.4	63.6
119	32.1	25.9	38.9



Tetrachloroethene
Concen: 20.449 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:	164	Resp:	23768
Ion	Ratio	Lower	Upper
164	100		
166	129.8	102.6	154.0
129	102.1	72.0	108.0
131	106.4	70.0	105.0#

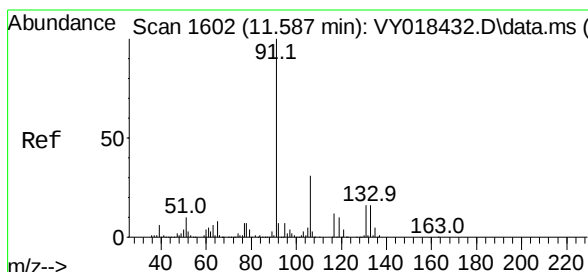
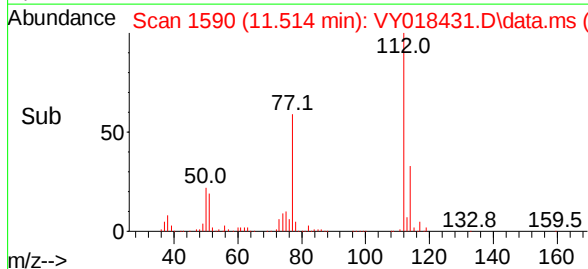
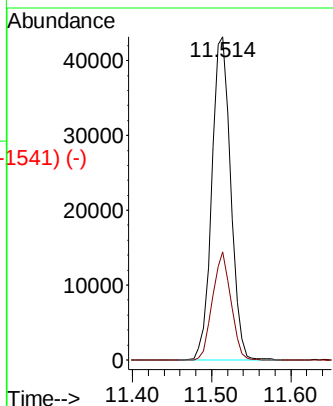
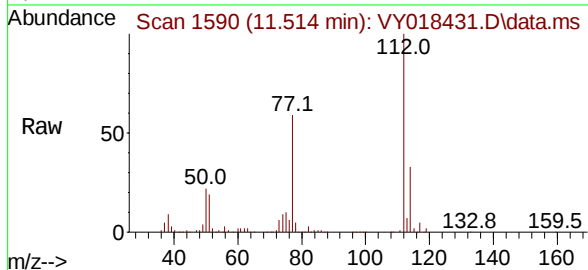




Chlorobenzene
Concen: 21.183 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

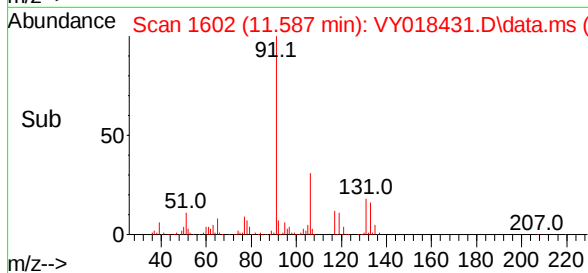
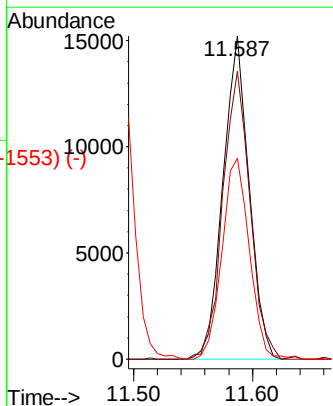
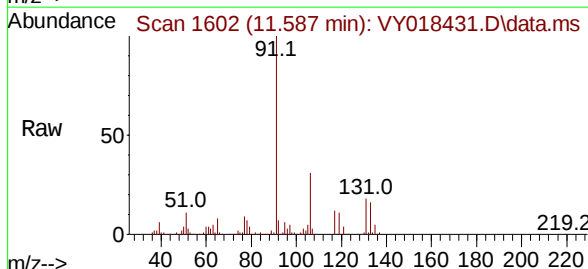
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

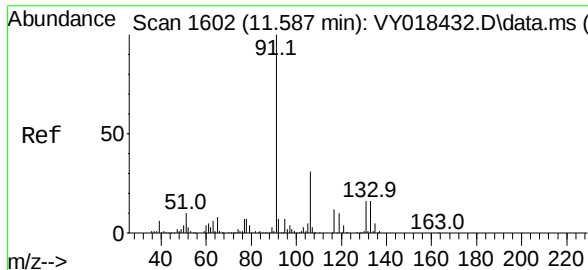
Tgt Ion:112 Resp: 71683
Ion Ratio Lower Upper
112 100
114 33.4 26.4 39.6



1,1,1,2-Tetrachloroethane
Concen: 21.138 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:131 Resp: 23129
Ion Ratio Lower Upper
131 100
133 92.8 47.8 143.3
119 65.3 34.1 102.2

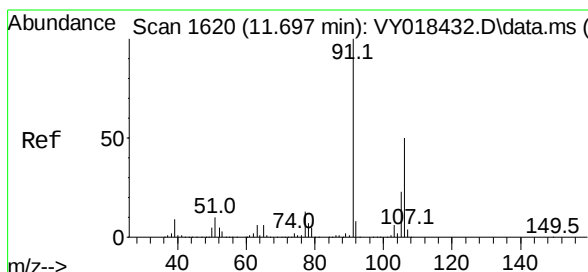
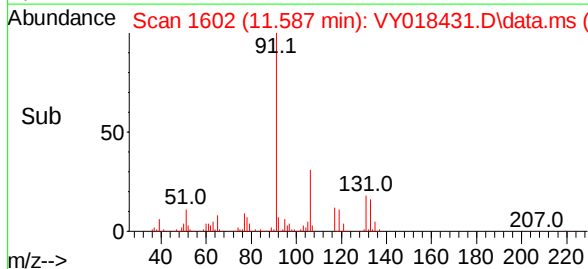
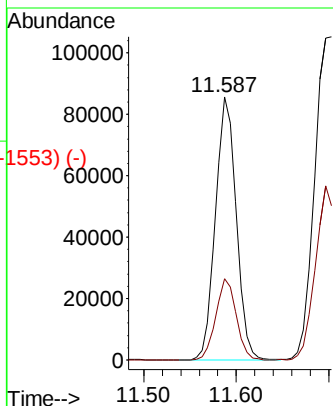
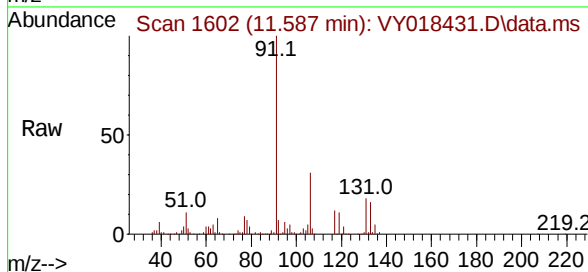




Ethyl Benzene
Concen: 21.726 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

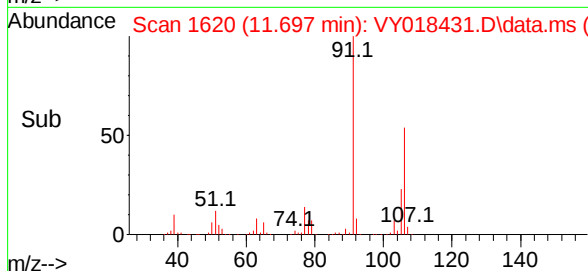
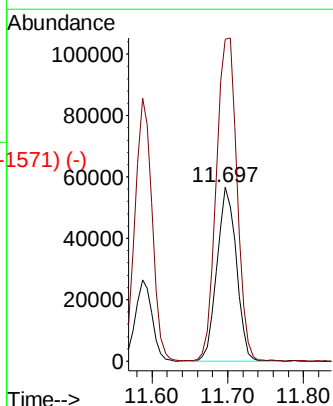
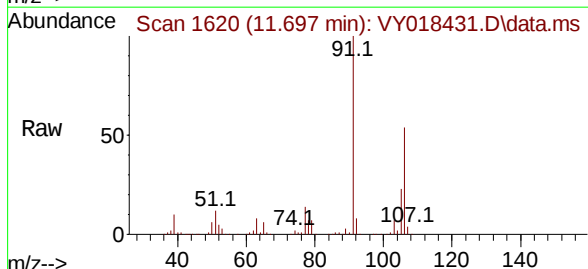
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

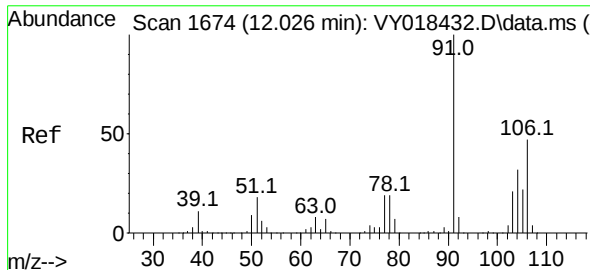
Tgt Ion: 91 Resp: 133817
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7



m/p-Xylenes
Concen: 43.439 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:106 Resp: 100747
Ion Ratio Lower Upper
106 100
91 198.9 156.0 234.0

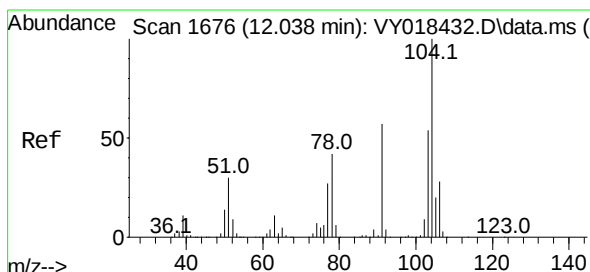
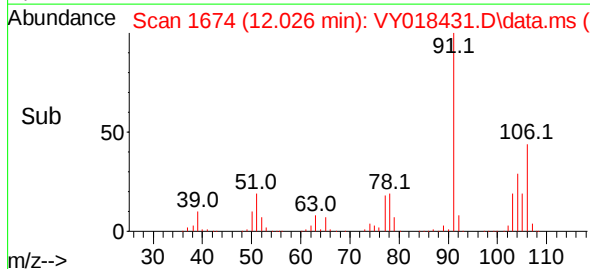
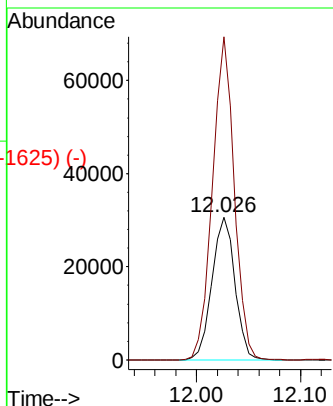
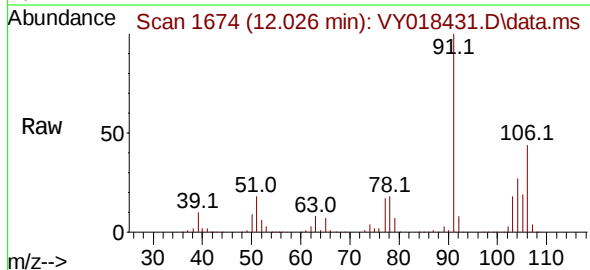




Scan 1674 (12.026 min): VY018432.D\data.ms (-1669) (-)
 o-Xylene
 Concen: 21.159 ug/l
 RT: 12.026 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

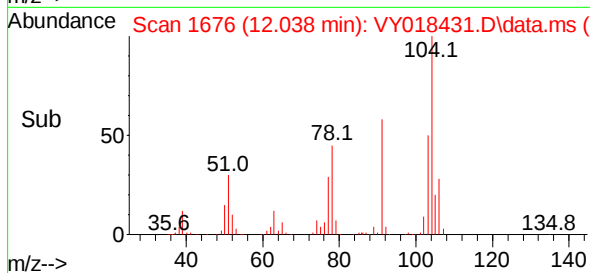
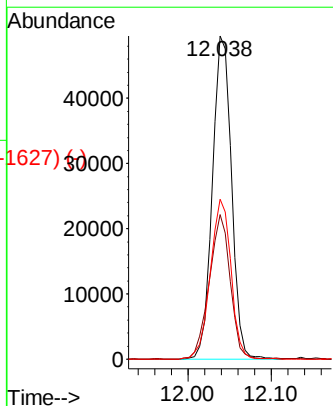
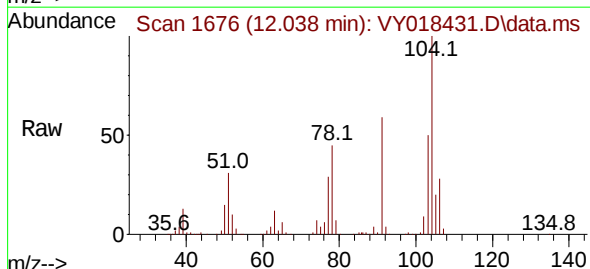
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

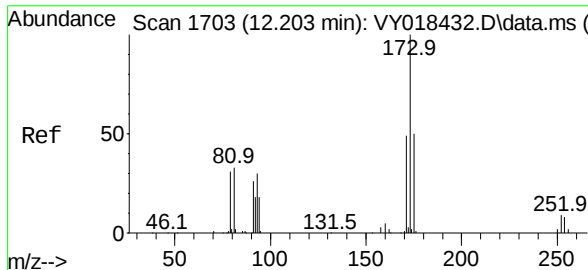
Tgt Ion:106 Resp: 47240
 Ion Ratio Lower Upper
 106 100
 91 215.1 103.6 310.8



Scan 1676 (12.038 min): VY018432.D\data.ms (-1679) (-)
 Styrene
 Concen: 21.735 ug/l
 RT: 12.038 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

Tgt Ion:104 Resp: 79284
 Ion Ratio Lower Upper
 104 100
 78 48.9 37.0 55.4
 103 53.4 44.2 66.2

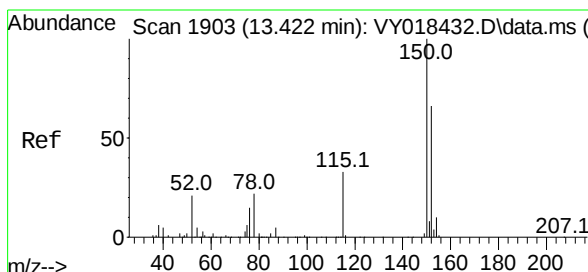
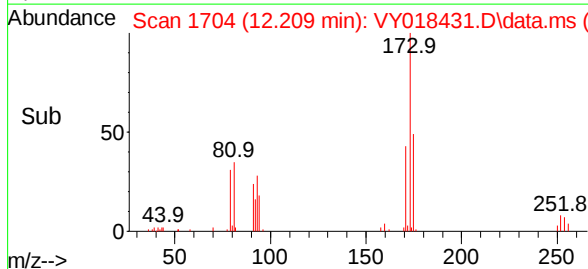
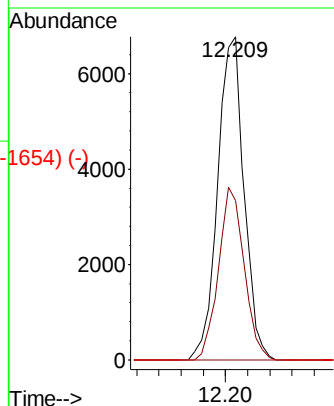
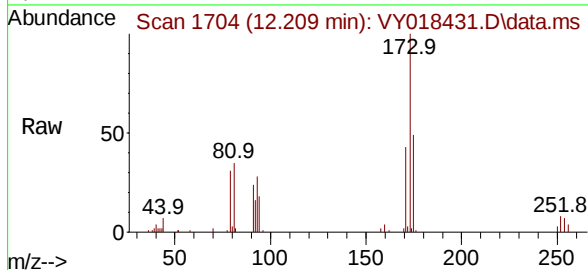




Bromoform
Concen: 19.360 ug/l
RT: 12.209 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

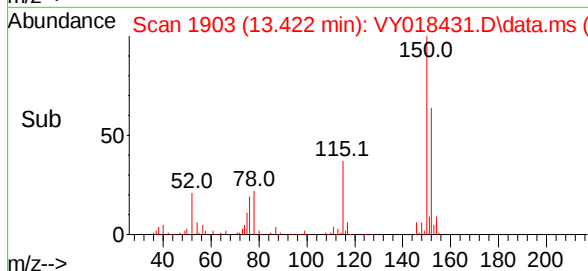
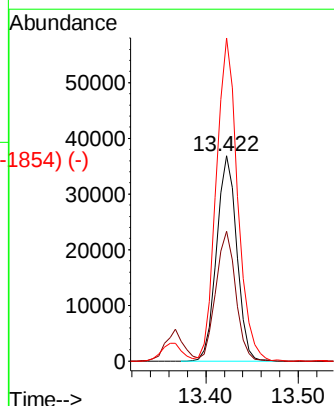
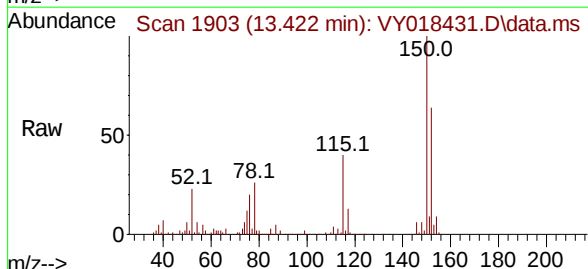
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

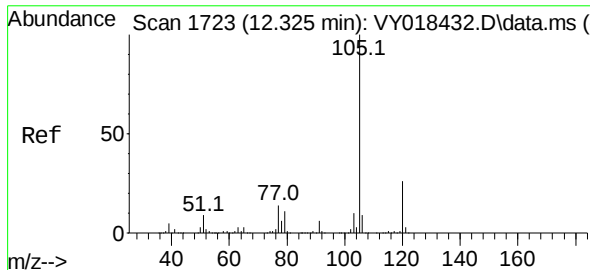
Tgt Ion:	173	Resp:	11160
Ion	Ratio	Lower	Upper
173	100		
175	52.3	25.1	75.3
254	0.0	0.0	0.0



1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:	152	Resp:	55792
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	166.8	0.0	345.6





Isopropylbenzene

Concen: 21.857 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

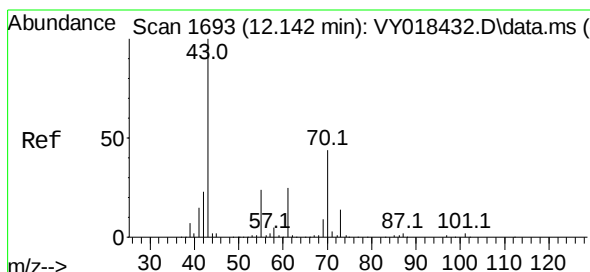
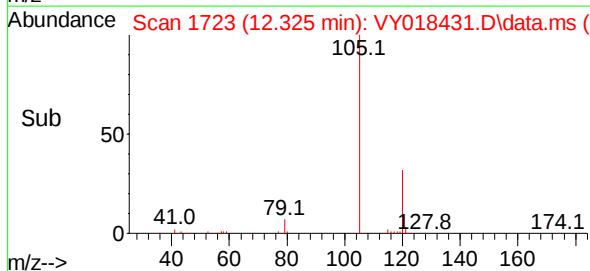
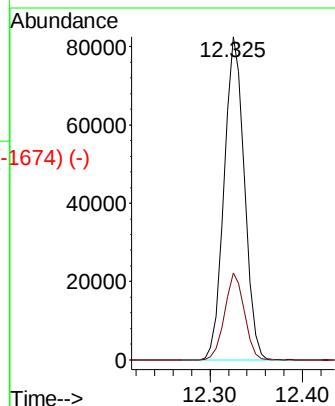
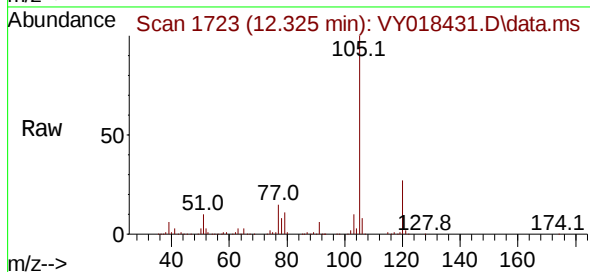
VSTDICC020

Tgt Ion:105 Resp: 125841

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



N-ethyl acetate

Concen: 22.278 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018431.D

Acq: 03 Jun 2024 11:00

Tgt Ion: 43 Resp: 31221

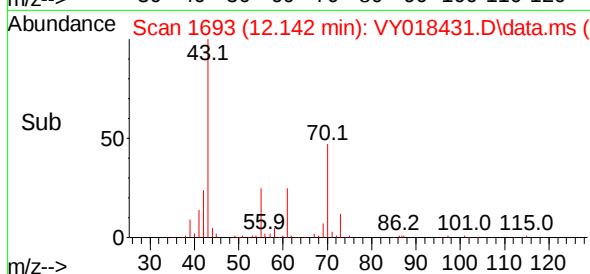
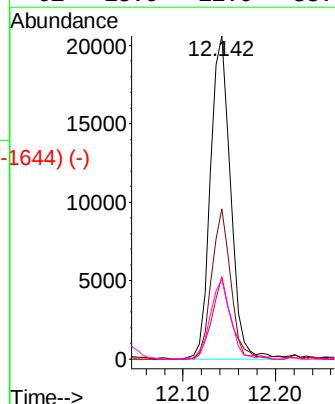
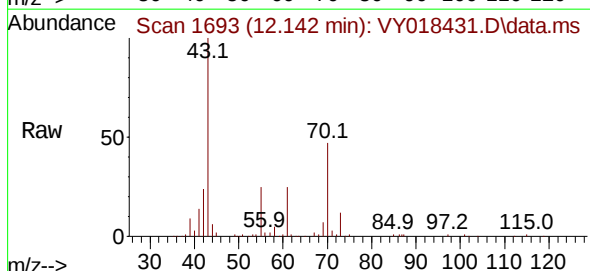
Ion Ratio Lower Upper

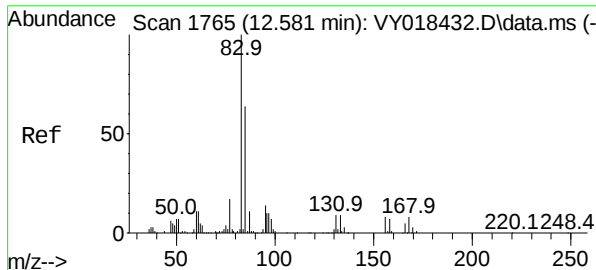
43 100

70 44.4 41.4 62.2

55 24.1 23.3 34.9

61 25.0 22.6 33.8

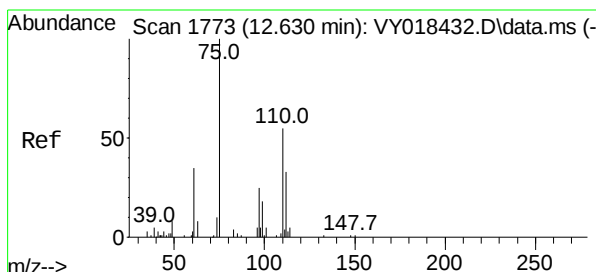
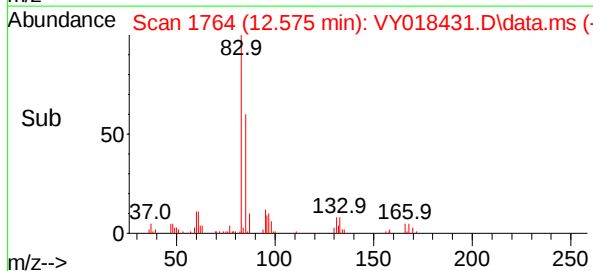
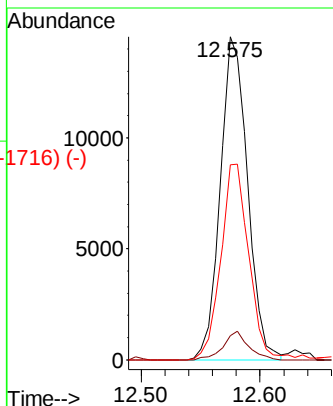
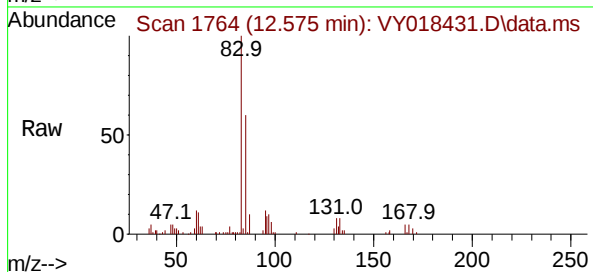




1,1,2,2-Tetrachloroethane
Concen: 22.864 ug/l
RT: 12.575 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

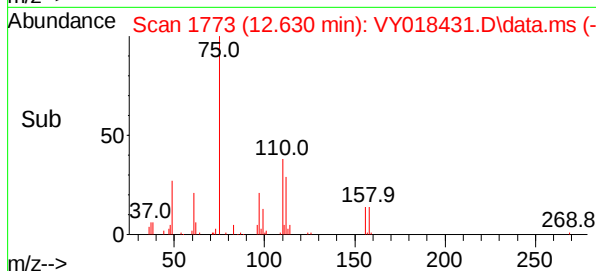
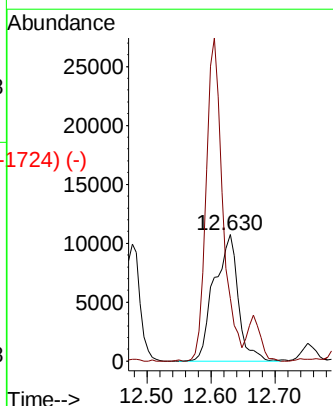
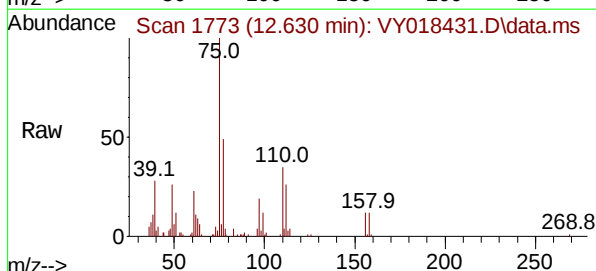
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

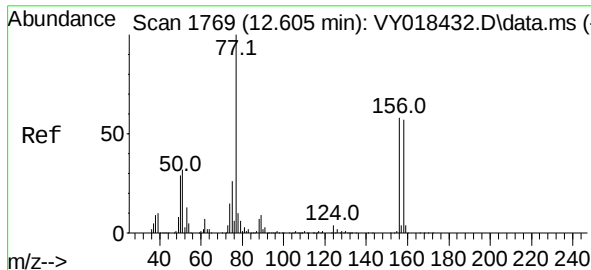
Tgt Ion: 83 Resp: 23172
Ion Ratio Lower Upper
83 100
131 8.2 5.0 14.9
85 62.9 32.0 96.0



1,2,3-Trichloropropane
Concen: 40.292 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion: 75 Resp: 27730
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

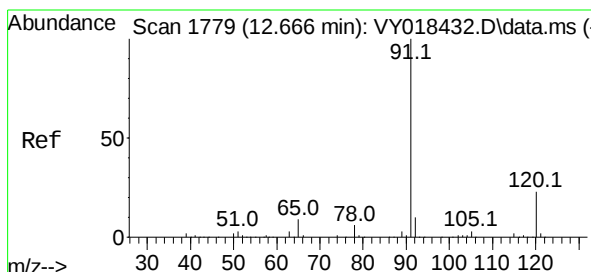
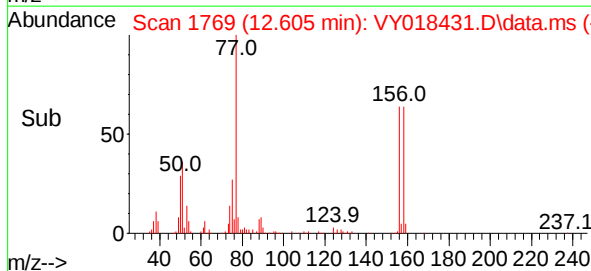
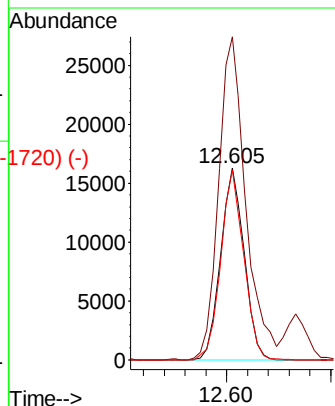
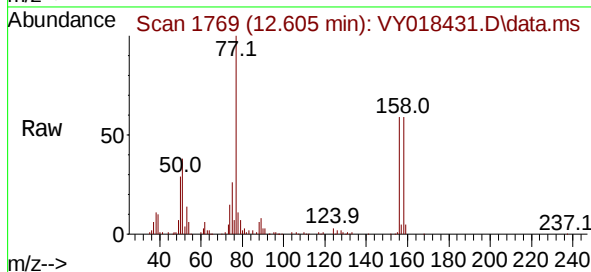




Bromobenzene
Concen: 21.070 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

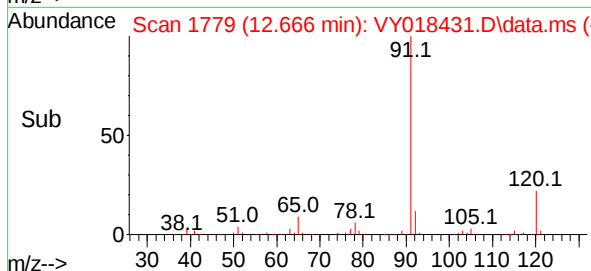
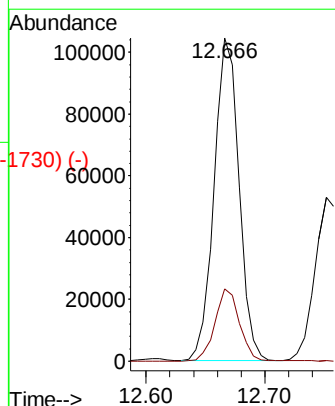
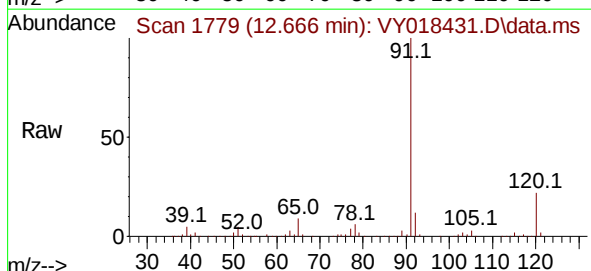
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

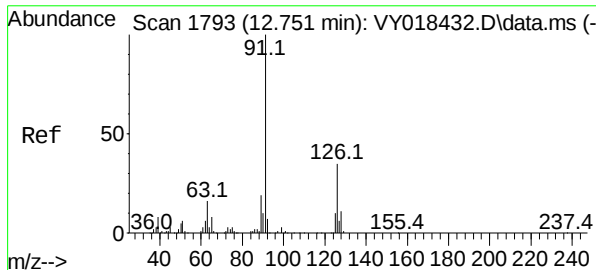
Tgt Ion:	156	Resp:	25757
Ion	Ratio	Lower	Upper
156	100		
77	192.9	87.1	261.3
158	96.9	48.6	145.9



n-propylbenzene
Concen: 22.051 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:	91	Resp:	152371
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.5	34.4

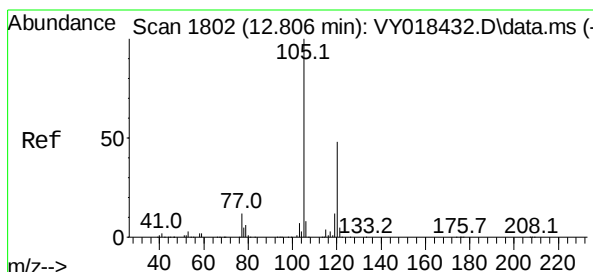
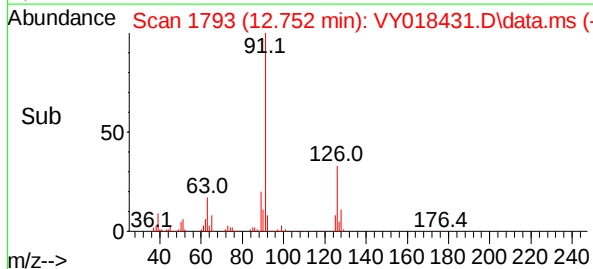
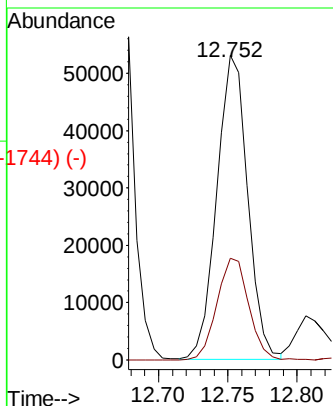
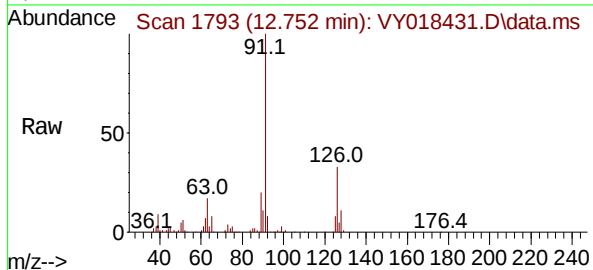




2-Chlorotoluene
Concen: 21.909 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

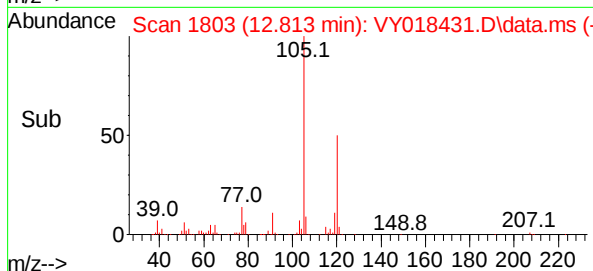
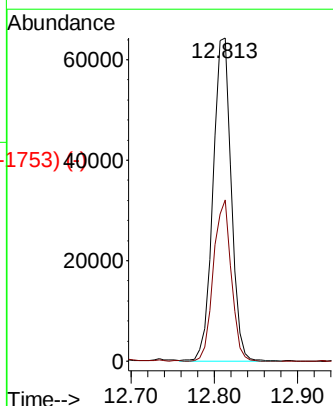
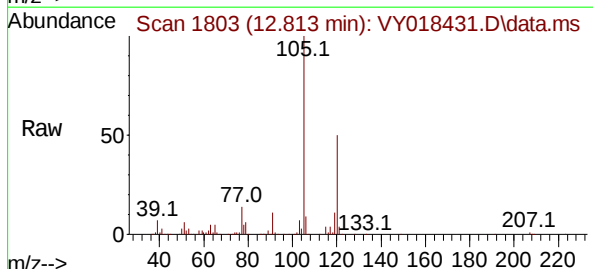
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

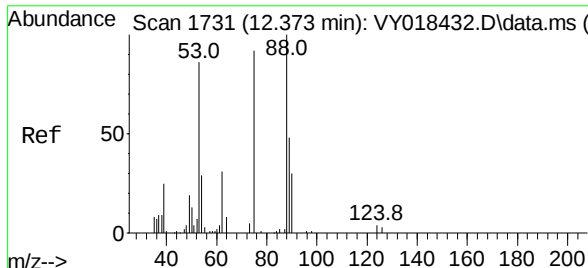
Tgt Ion: 91 Resp: 82305
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.5



1,3,5-Trimethylbenzene
Concen: 21.880 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:105 Resp: 98112
Ion Ratio Lower Upper
105 100
120 48.9 25.1 75.2

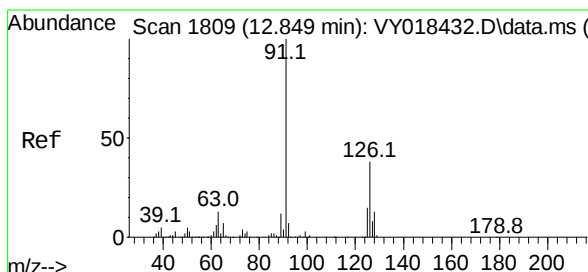
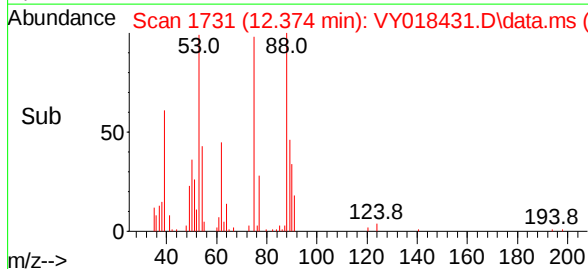
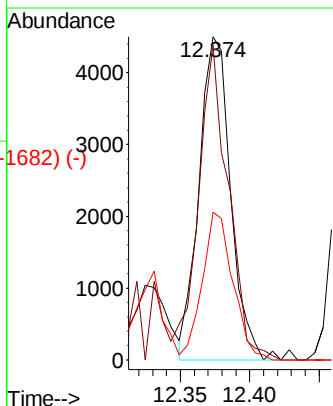
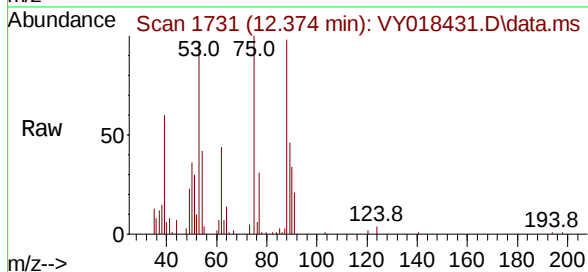




trans-1,4-Dichloro-2-butene
Concen: 21.628 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

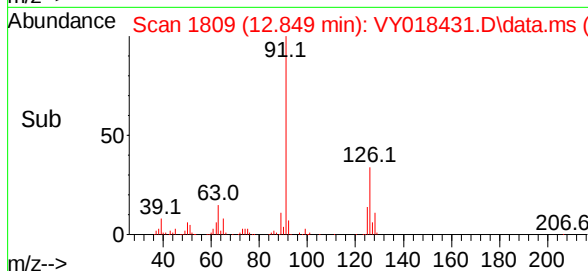
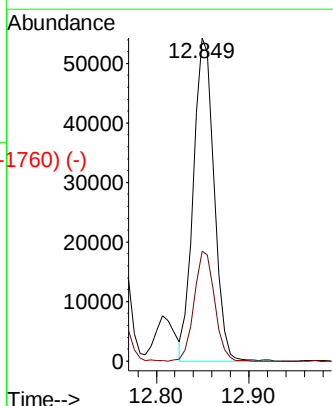
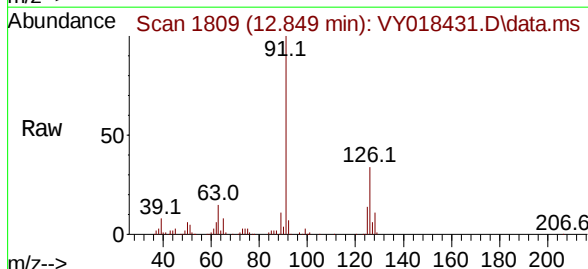
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

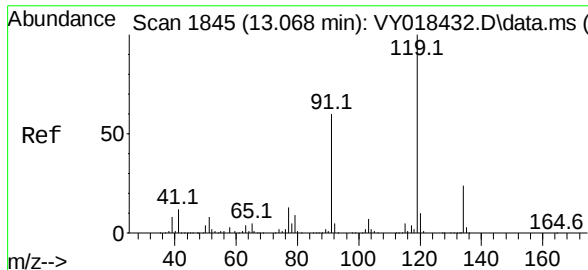
Tgt Ion: 75 Resp: 7122
Ion Ratio Lower Upper
75 100
53 92.5 66.8 100.2
89 44.3 35.8 53.6



4-Chlorotoluene
Concen: 22.346 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion: 91 Resp: 84472
Ion Ratio Lower Upper
91 100
126 33.6 17.6 52.9

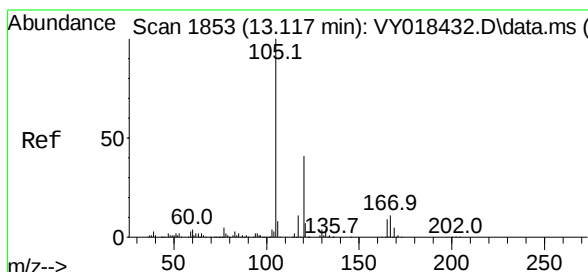
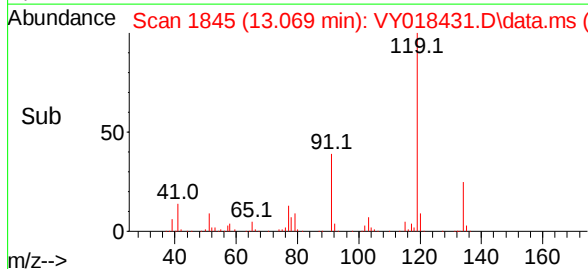
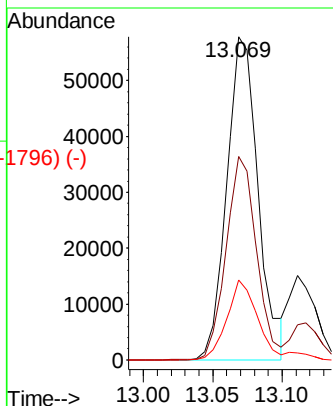
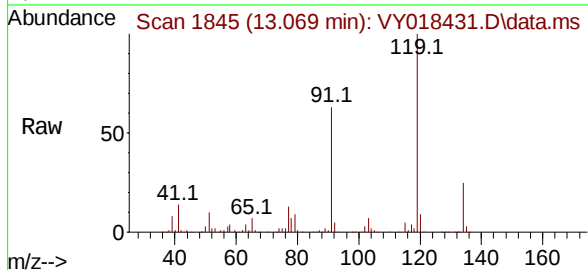




#83 (-)
 tert-Butylbenzene
 Concen: 22.025 ug/l
 RT: 13.069 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

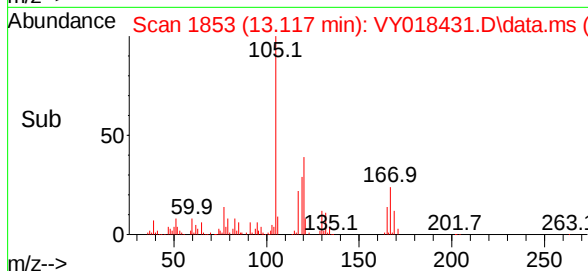
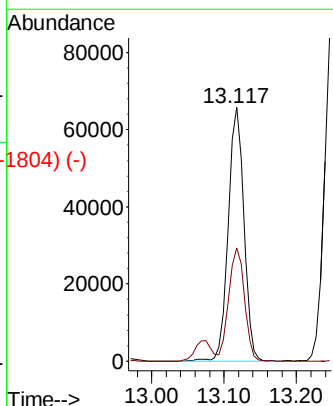
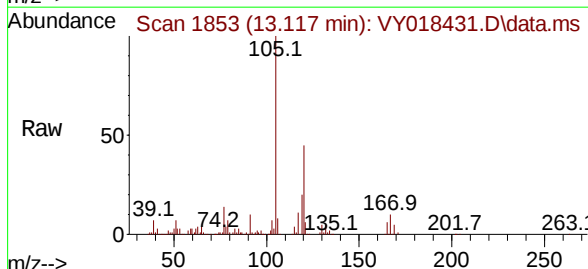
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Tgt Ion:	119	Resp:	91328
Ion	Ratio	Lower	Upper
119	100		
91	61.2	31.3	93.8
134	25.4	13.4	40.1

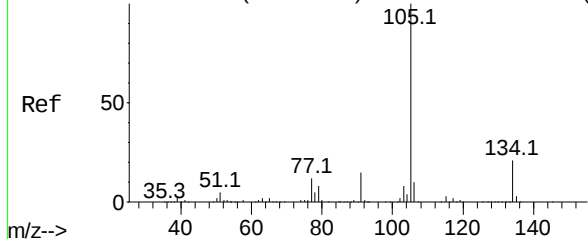


#84 (-)
 1,2,4-Trimethylbenzene
 Concen: 22.323 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY018431.D
 Acq: 03 Jun 2024 11:00

Tgt Ion:	105	Resp:	97996
Ion	Ratio	Lower	Upper
105	100		
120	44.6	23.2	69.6



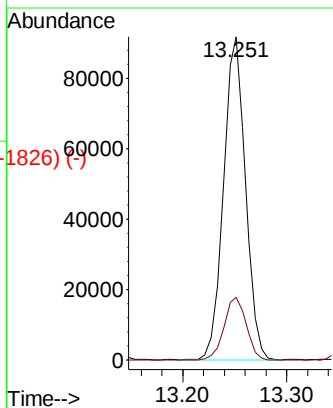
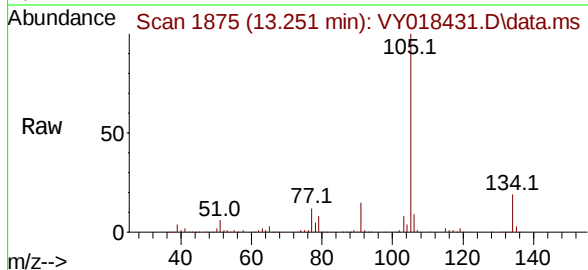
Abundance Scan 1875 (13.251 min): VY018432.D\data.ms (-1885) (-)



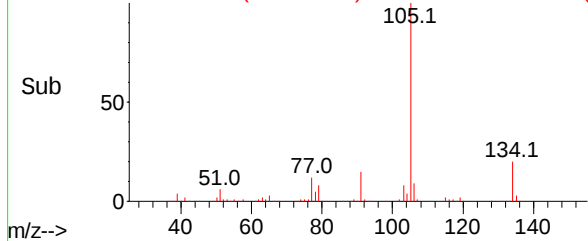
sec-Butylbenzene
Concen: 22.261 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

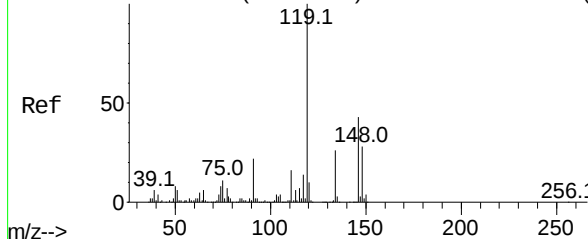
Tgt Ion:105 Resp: 135936
Ion Ratio Lower Upper
105 100
134 19.5 10.1 30.1



Abundance Scan 1875 (13.251 min): VY018431.D\data.ms (-1826) (-)

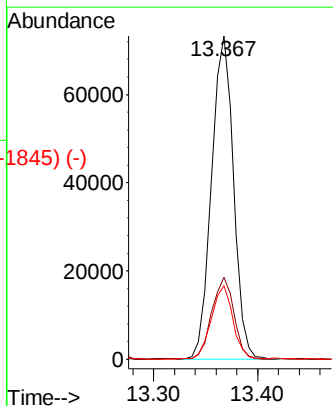
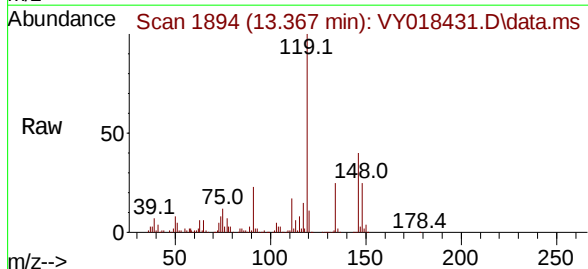


Abundance Scan 1894 (13.367 min): VY018432.D\data.ms (-1886) (-)

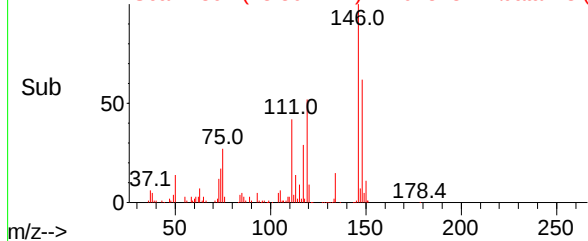


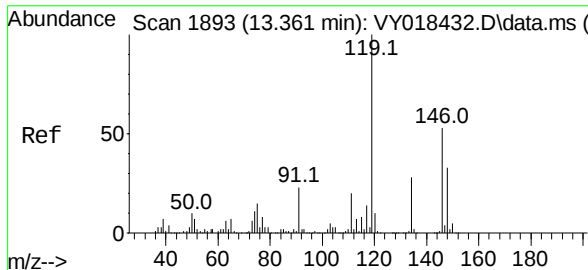
p-Isopropyltoluene
Concen: 21.908 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:119 Resp: 107971
Ion Ratio Lower Upper
119 100
134 25.6 13.1 39.3
91 22.3 10.7 32.1



Abundance Scan 1894 (13.367 min): VY018431.D\data.ms (-1845) (-)

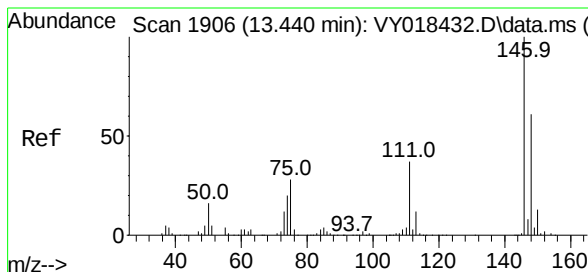
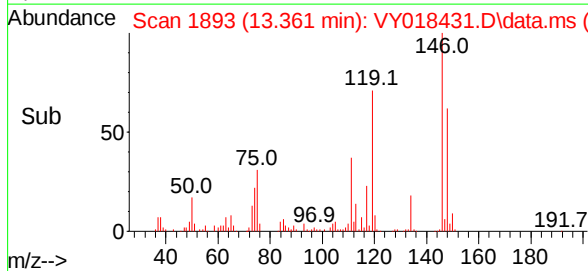
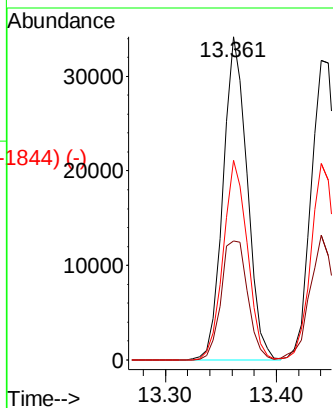
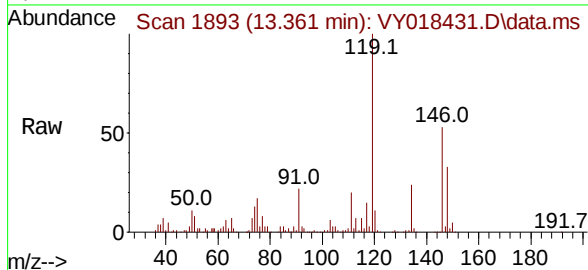




1,3-Dichlorobenzene
Concen: 21.326 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

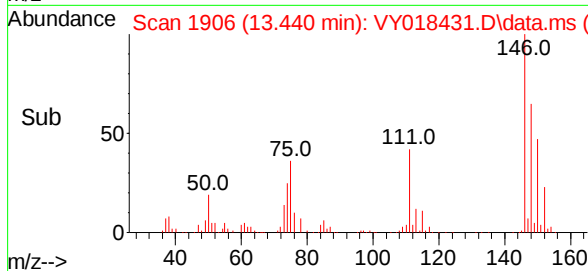
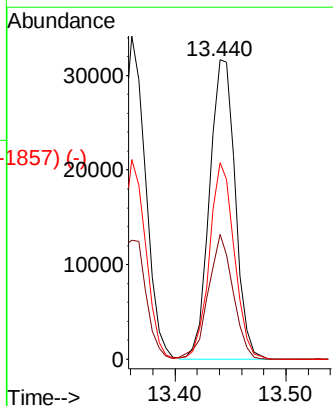
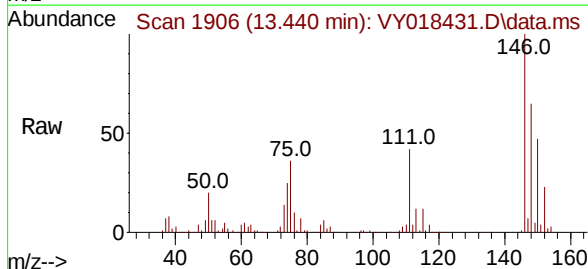
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

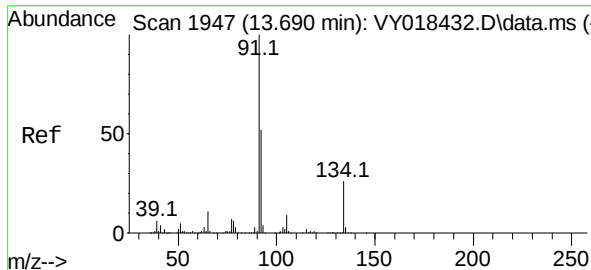
Tgt Ion:	146	Resp:	51423
Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.0	57.0
148	61.8	31.7	95.1



1,4-Dichlorobenzene
Concen: 21.565 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:	146	Resp:	51085
Ion	Ratio	Lower	Upper
146	100		
111	40.2	18.4	55.4
148	63.5	32.4	97.2

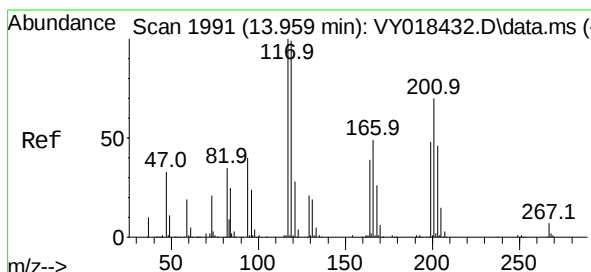
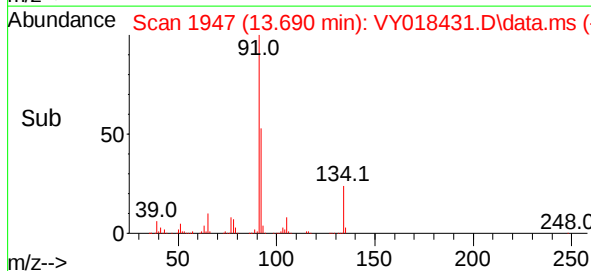
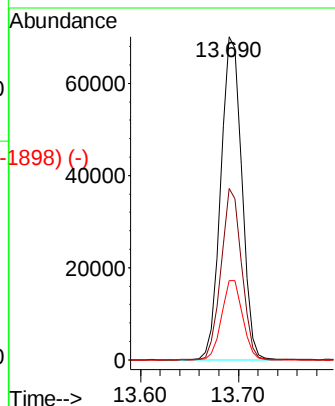
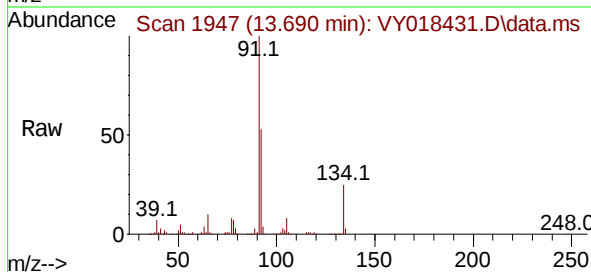




n-Butylbenzene
Concen: 22.315 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

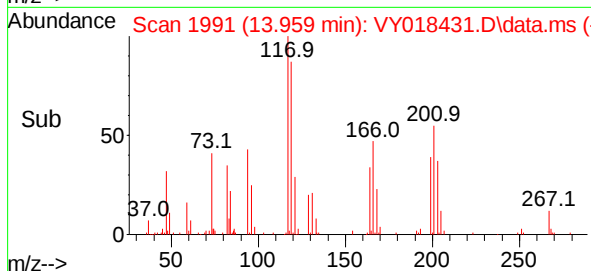
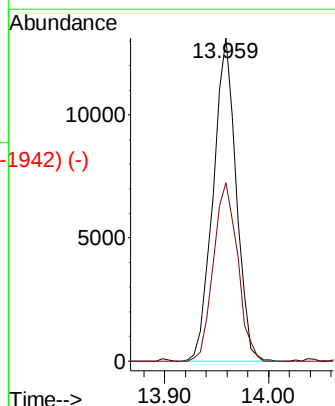
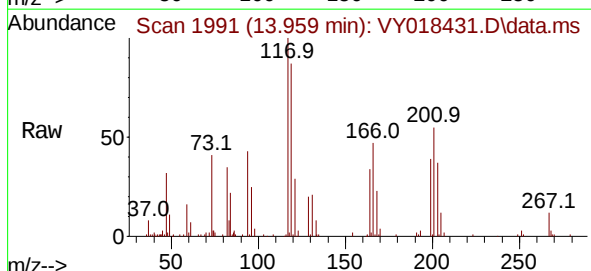
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:	91	Resp:	104508
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.7
134	24.6	12.9	38.7

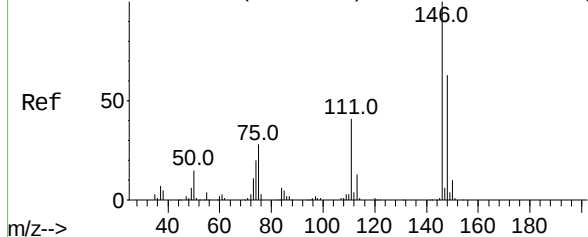


Hexachloroethane
Concen: 21.904 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:	117	Resp:	20234
Ion	Ratio	Lower	Upper
117	100		
201	58.0	37.4	112.2



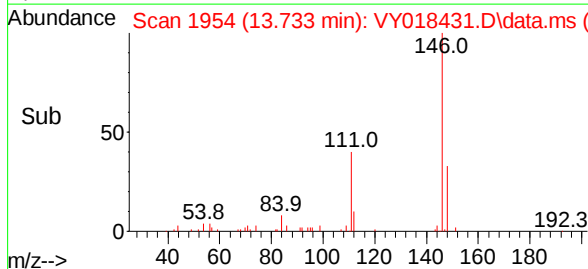
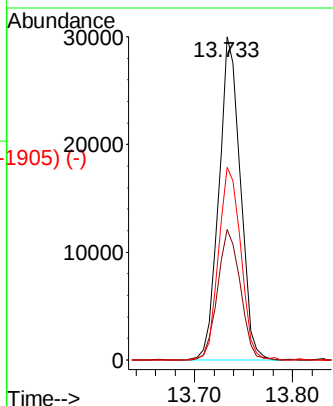
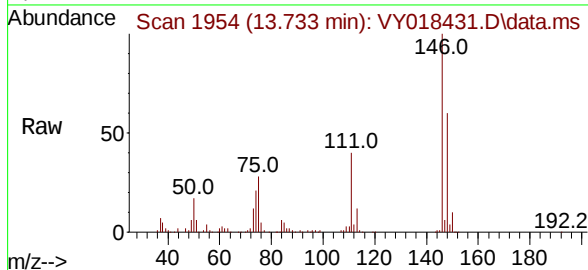
Abundance Scan 1954 (13.733 min): VY018432.D\data.ms (-1905) (-)



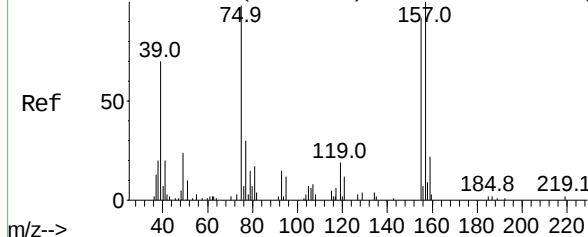
1,2-Dichlorobenzene
Concen: 21.689 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 45510
Ion Ratio Lower Upper
146 100
111 42.9 19.9 59.7
148 62.2 31.8 95.4

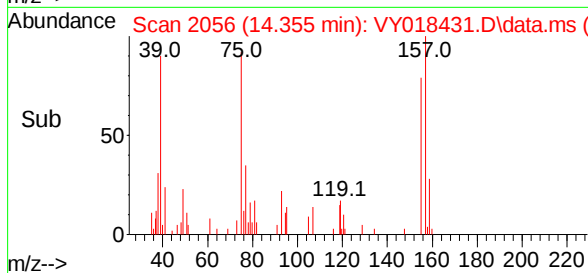
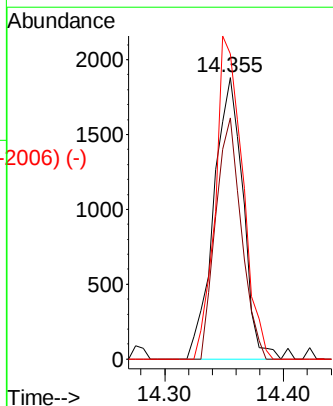
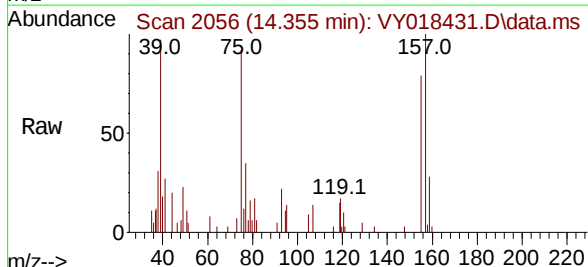


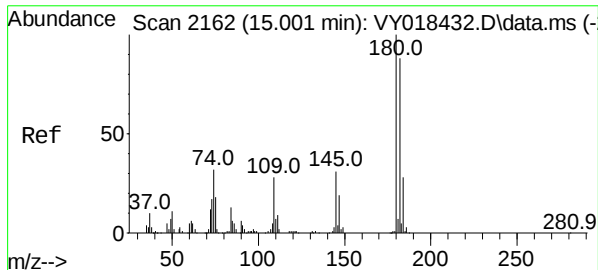
Abundance Scan 2055 (14.349 min): VY018432.D\data.ms (-2006) (-)



1,2-Dibromo-3-Chloropropane
Concen: 20.898 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion: 75 Resp: 3223
Ion Ratio Lower Upper
75 100
155 75.4 48.6 145.8
157 106.6 62.7 188.2

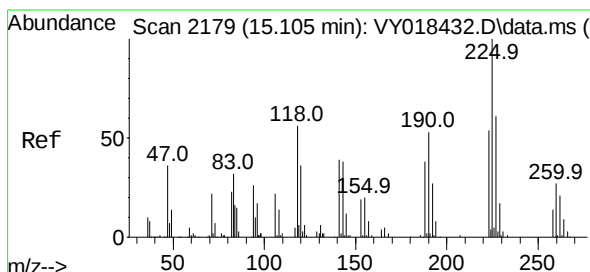
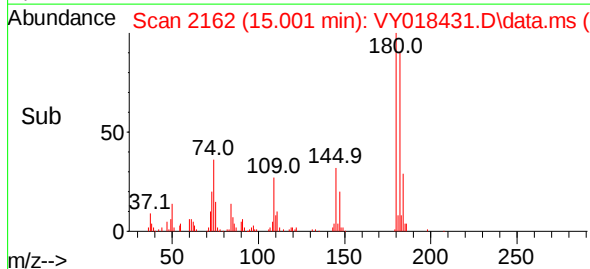
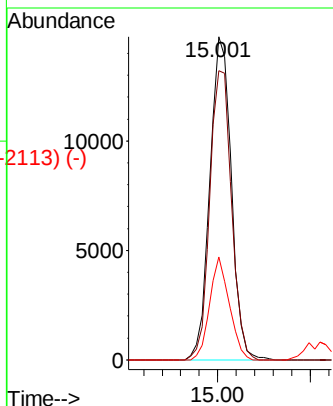
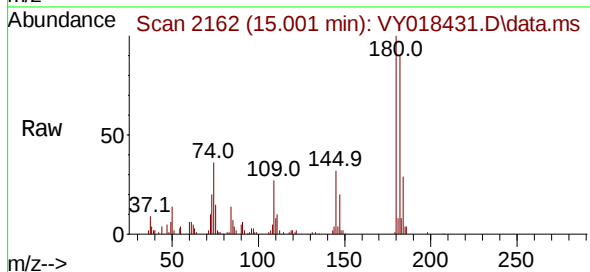




1,2,4-Trichlorobenzene
Concen: 20.848 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

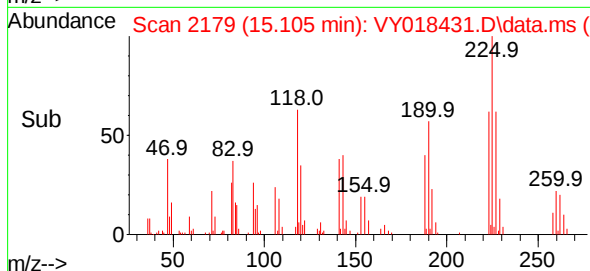
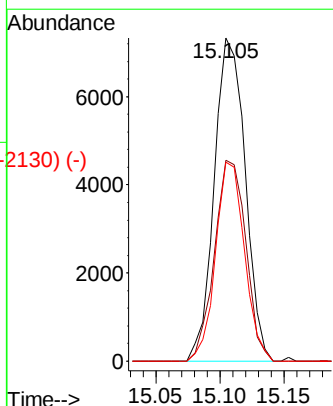
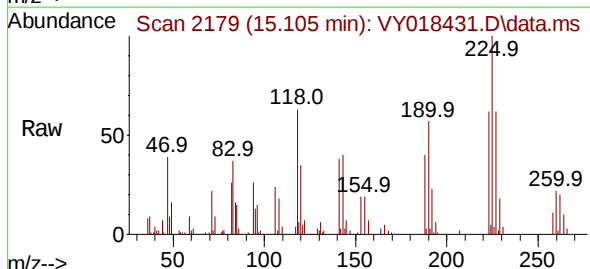
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

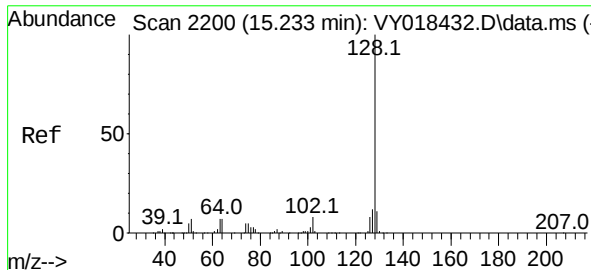
Tgt Ion:	180	Resp:	23659
Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.9	143.8
145	29.2	14.2	42.6



Hexachlorobutadiene
Concen: 20.406 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:	225	Resp:	12299
Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.4	91.2
227	57.6	31.9	95.9

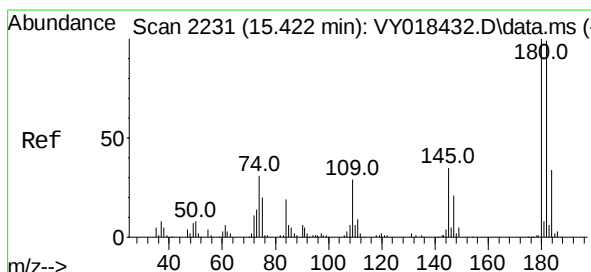
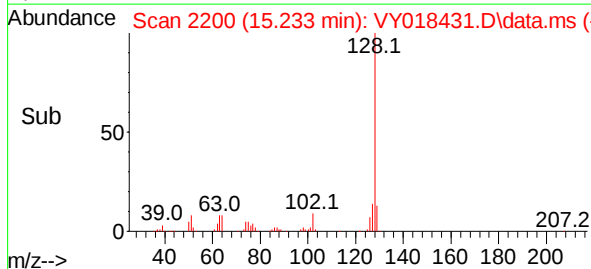
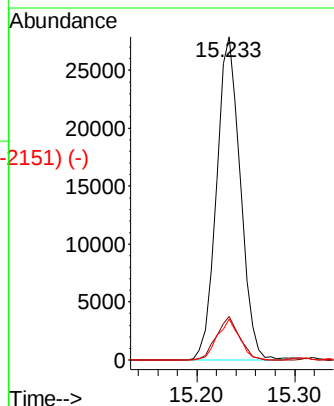
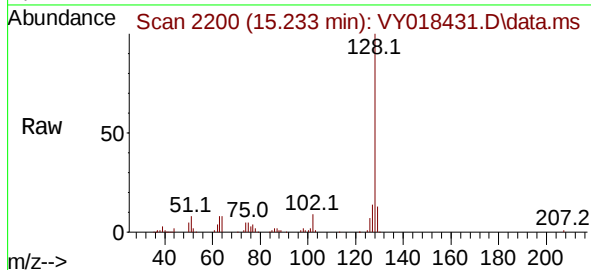




Naphthalene
Concen: 20.588 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	46923
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.8	8.6	13.0



1,2,3-Trichlorobenzene
Concen: 20.141 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY018431.D
Acq: 03 Jun 2024 11:00

Tgt Ion:	180	Resp:	19338
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	34.9	15.4	46.1

