

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018429.D
 Acq On : 03 Jun 2024 10:14
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 04 05:26:24 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	62479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	95845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	83834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6600	5.379	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	10.760%#	
35) Dibromofluoromethane	7.710	113	6462	5.317	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	10.640%#	
50) Toluene-d8	10.173	98	26211	5.421	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	10.840%#	
62) 4-Bromofluorobenzene	12.477	95	8255	5.483	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	10.960%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	4998	5.037	ug/l	82
3) Chloromethane	2.107	50	9590	5.182	ug/l #	85
4) Vinyl Chloride	2.241	62	11486	5.189	ug/l	91
5) Bromomethane	2.637	94	7915	5.360	ug/l	88
6) Chloroethane	2.784	64	6814	4.876	ug/l	93
7) Trichlorofluoromethane	3.107	101	11228	4.903	ug/l	96
8) Diethyl Ether	3.521	74	3344	4.853	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	7012	5.258	ug/l	95
10) Methyl Iodide	4.076	142	5750	4.390	ug/l #	87
11) Tert butyl alcohol	4.918	59	10954	19.361	ug/l #	96
12) 1,1-Dichloroethene	3.851	96	6644	5.069	ug/l #	88
13) Acrolein	3.710	56	2449	19.500	ug/l	96
14) Allyl chloride	4.460	41	9402	4.898	ug/l	93
15) Acrylonitrile	5.137	53	7647	24.266	ug/l	97
16) Acetone	3.936	43	7069	25.957	ug/l	90
17) Carbon Disulfide	4.186	76	19047	4.954	ug/l	98
18) Methyl Acetate	4.472	43	3488	5.122	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	15019	4.754	ug/l #	88
20) Methylene Chloride	4.710	84	11152	4.467	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	6472	4.627	ug/l	90
22) Diisopropyl ether	6.106	45	19703	5.040	ug/l	94
23) Vinyl Acetate	6.051	43	57178	22.474	ug/l	95
24) 1,1-Dichloroethane	5.997	63	11783	4.832	ug/l #	93
25) 2-Butanone	6.972	43	9962	23.878	ug/l #	75
26) 2,2-Dichloropropane	6.966	77	11939	5.571	ug/l	95
27) cis-1,2-Dichloroethene	6.966	96	7752	4.764	ug/l	90
28) Bromochloromethane	7.319	49	6785	6.047	ug/l #	75
29) Tetrahydrofuran	7.338	42	6667	24.607	ug/l	87
30) Chloroform	7.496	83	11596	4.742	ug/l	93
31) Cyclohexane	7.777	56	12326	5.388	ug/l #	85
32) 1,1,1-Trichloroethane	7.685	97	10261	4.790	ug/l	94
36) 1,1-Dichloropropene	7.905	75	9286	5.011	ug/l	97
37) Ethyl Acetate	7.076	43	4767	5.149	ug/l #	88
38) Carbon Tetrachloride	7.893	117	8891	4.788	ug/l	92
39) Methylcyclohexane	9.173	83	12777	5.100	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018429.D
 Acq On : 03 Jun 2024 10:14
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 04 05:26:24 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)
40) Benzene	8.155	78	27119	4.884	ug/l	99
41) Methacrylonitrile	7.332	41	4142	8.334	ug/l #	27
42) 1,2-Dichloroethane	8.228	62	6722	4.979	ug/l	94
43) Isopropyl Acetate	8.271	43	8636	4.989	ug/l #	82
44) Trichloroethene	8.935	130	6842	4.972	ug/l	99
45) 1,2-Dichloropropane	9.216	63	6482	5.105	ug/l	92
46) Dibromomethane	9.301	93	3633	4.990	ug/l	93
47) Bromodichloromethane	9.490	83	8010	4.583	ug/l	97
48) Methyl methacrylate	9.289	41	3896	4.892	ug/l	85
49) 1,4-Dioxane	9.289	88	985	103.025	ug/l #	85
51) 4-Methyl-2-Pentanone	10.063	43	20973	23.333	ug/l	93
52) Toluene	10.240	92	16232	4.753	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	7548	4.703	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	9305	4.709	ug/l	93
55) 1,1,2-Trichloroethane	10.636	97	4517	4.769	ug/l #	89
56) Ethyl methacrylate	10.502	69	5780	4.336	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	7525	4.680	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.776	63	18216	25.449	ug/l	98
59) 2-Hexanone	10.831	43	13891	22.363	ug/l	93
60) Dibromochloromethane	10.977	129	5524	4.774	ug/l	97
61) 1,2-Dibromoethane	11.087	107	4298	4.819	ug/l	98
64) Tetrachloroethene	10.715	164	6141	4.973	ug/l #	83
65) Chlorobenzene	11.508	112	17393	4.838	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	5302	4.561	ug/l	93
67) Ethyl Benzene	11.587	91	31124	4.756	ug/l	95
68) m/p-Xylenes	11.703	106	22274	9.040	ug/l	88
69) o-Xylene	12.026	106	11813	4.980	ug/l	94
70) Styrene	12.044	104	18000	4.645	ug/l	99
71) Bromoform	12.203	173	2484	4.056	ug/l #	98
73) Isopropylbenzene	12.325	105	28458	4.900	ug/l	97
74) N-amyl acetate	12.142	43	6590	4.662	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	5264	5.149	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	6819	9.822	ug/l #	100
77) Bromobenzene	12.605	156	5824	4.723	ug/l	88
78) n-propylbenzene	12.666	91	34523	4.953	ug/l	98
79) 2-Chlorotoluene	12.751	91	19429	5.127	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	21716	4.801	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	1545	4.651	ug/l	84
82) 4-Chlorotoluene	12.855	91	19265	5.052	ug/l	99
83) tert-Butylbenzene	13.068	119	19519	4.666	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	20843	4.707	ug/l	98
85) sec-Butylbenzene	13.251	105	30530	4.956	ug/l	99
86) p-Isopropyltoluene	13.367	119	22853	4.597	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	11462	4.712	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	11558	4.837	ug/l	94
89) n-Butylbenzene	13.690	91	23008	4.870	ug/l	98
90) Hexachloroethane	13.952	117	4614	4.951	ug/l	72
91) 1,2-Dichlorobenzene	13.739	146	10275	4.854	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	983	6.318	ug/l	53
93) 1,2,4-Trichlorobenzene	15.007	180	5046	4.408	ug/l	91
94) Hexachlorobutadiene	15.111	225	2824	4.645	ug/l	97
95) Naphthalene	15.227	128	9797	4.261	ug/l	99

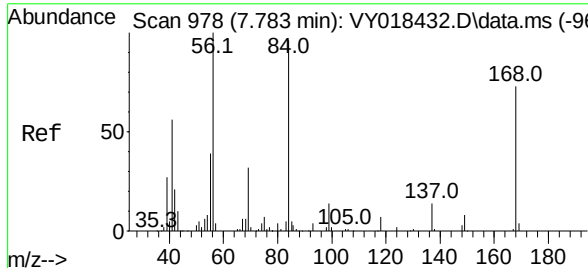
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
Data File : VY018429.D
Acq On : 03 Jun 2024 10:14
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jun 04 05:26:24 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	15.416	180	4242	4.380	ug/l	92

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



Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

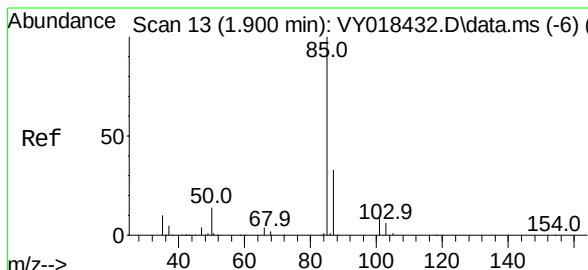
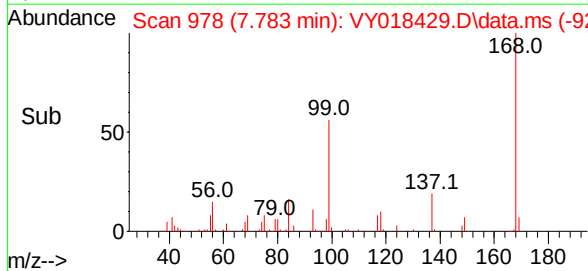
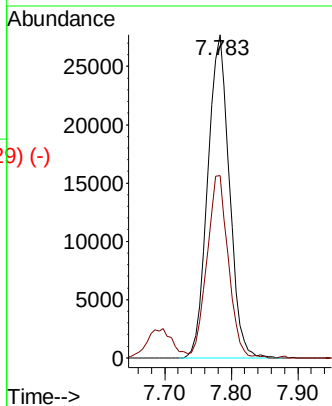
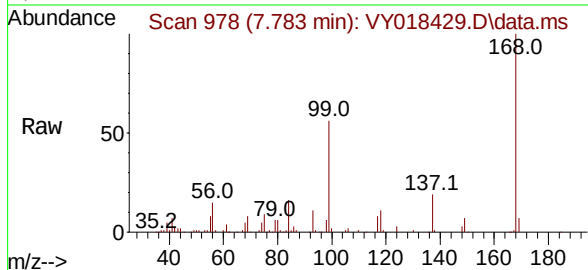
VSTDIC005

Tgt Ion:168 Resp: 62479

Ion Ratio Lower Upper

168 100

99 56.2 39.1 58.7



Dichlorodifluoromethane

Concen: 5.037 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY018429.D

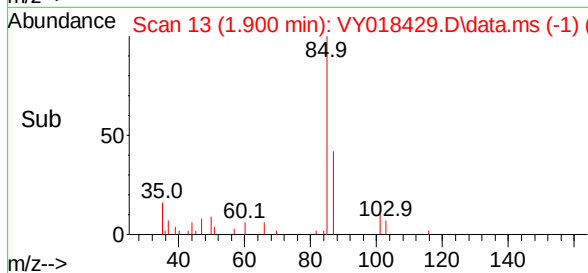
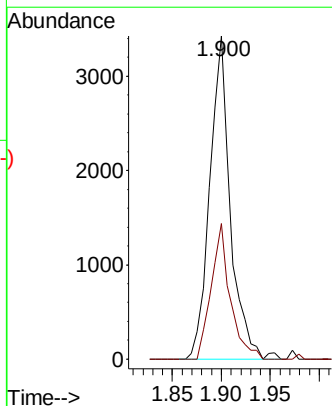
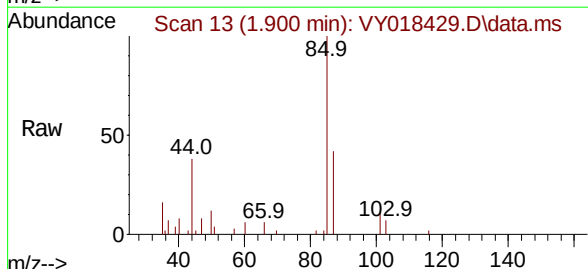
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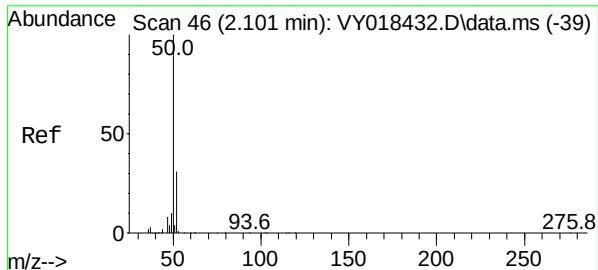
Tgt Ion: 85 Resp: 4998

Ion Ratio Lower Upper

85 100

87 42.0 16.0 48.0





Chloromethane

Concen: 5.182 ug/l

RT: 2.107 min Scan# 4

Delta R.T. 0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

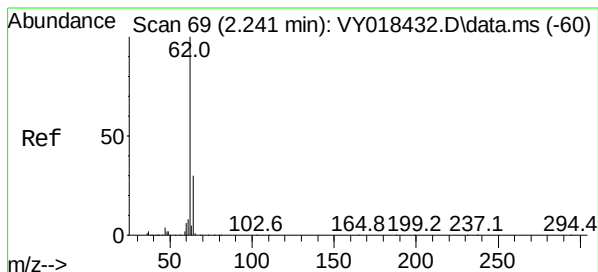
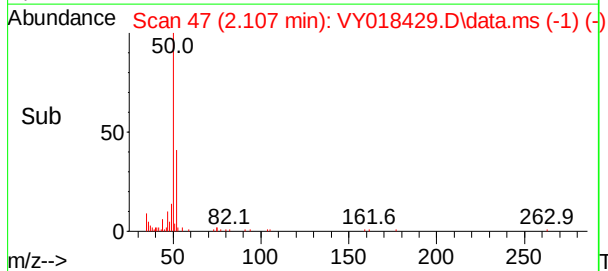
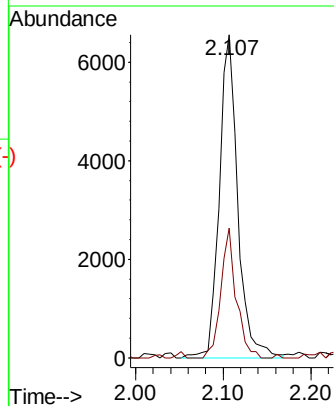
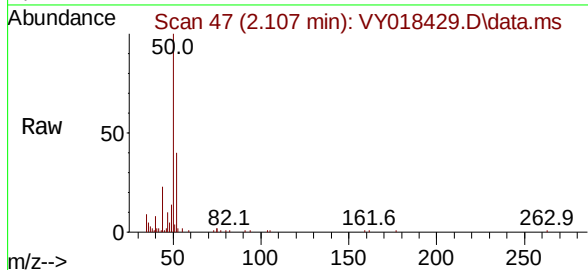
VSTDICC005

Tgt Ion: 50 Resp: 9590

Ion Ratio Lower Upper

50 100

52 40.1 25.6 38.4#



Vinyl Chloride

Concen: 5.189 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018429.D

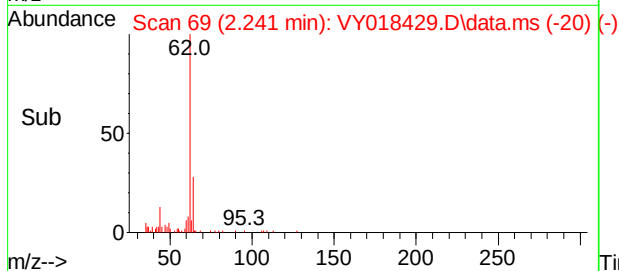
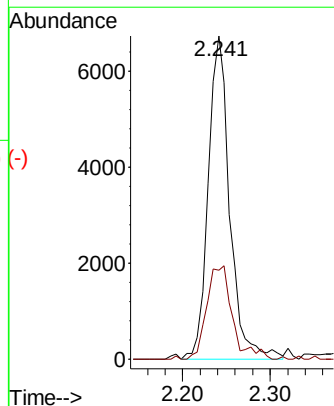
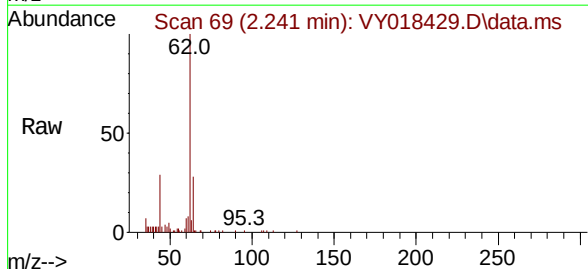
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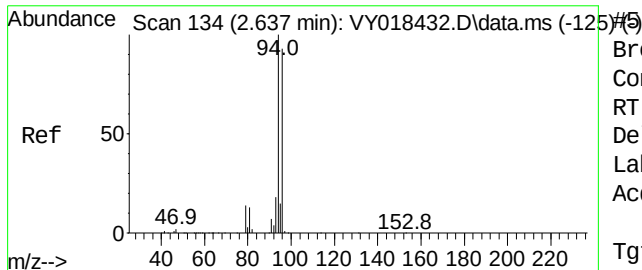
Tgt Ion: 62 Resp: 11486

Ion Ratio Lower Upper

62 100

64 27.6 26.1 39.1





Bromomethane

Concen: 5.360 ug/l

RT: 2.637 min Scan# 134

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

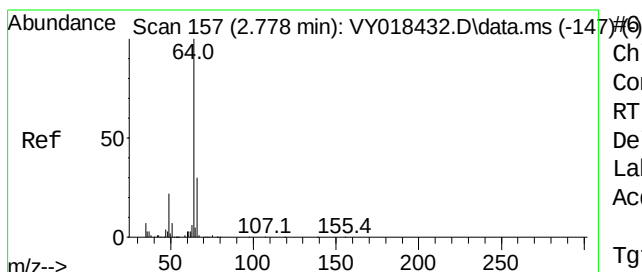
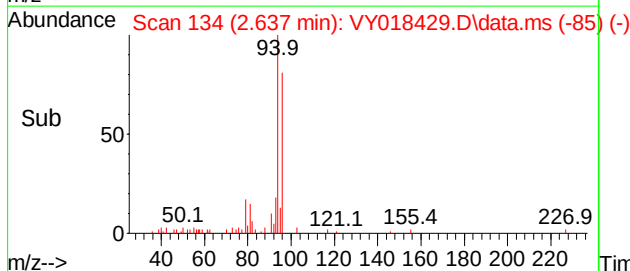
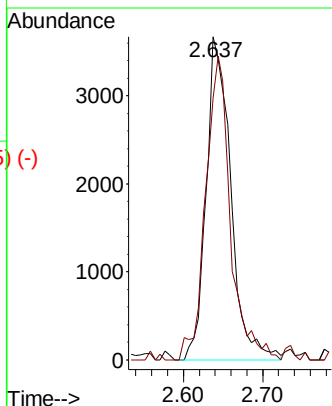
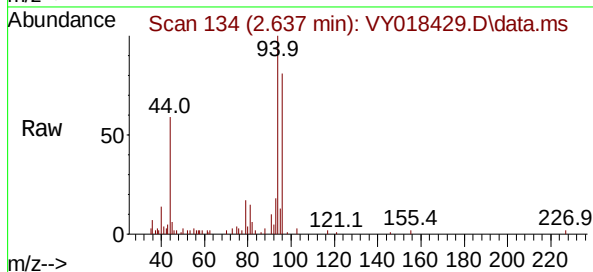
VSTDIC005

Tgt Ion: 94 Resp: 7915

Ion Ratio Lower Upper

94 100

96 81.1 74.1 111.1



Chloroethane

Concen: 4.876 ug/l

RT: 2.784 min Scan# 158

Delta R.T. 0.006 min

Lab File: VY018429.D

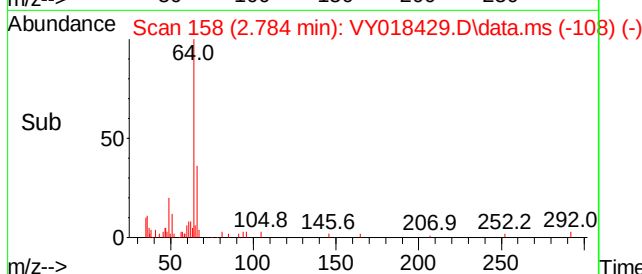
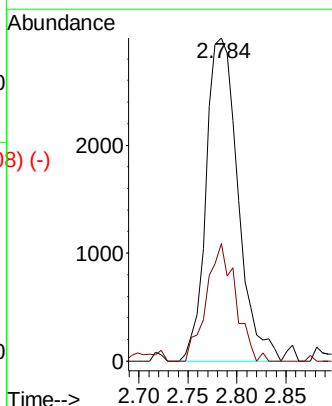
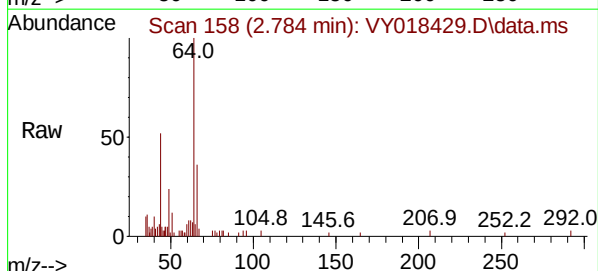
Acq: 03 Jun 2024 10:14

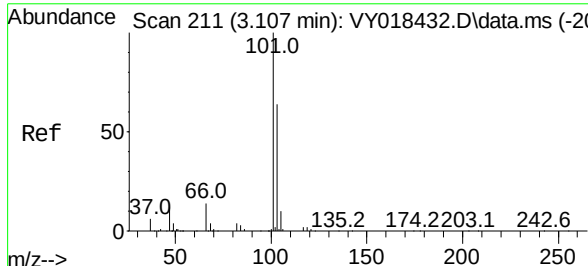
Tgt Ion: 64 Resp: 6814

Ion Ratio Lower Upper

64 100

66 36.4 26.1 39.1

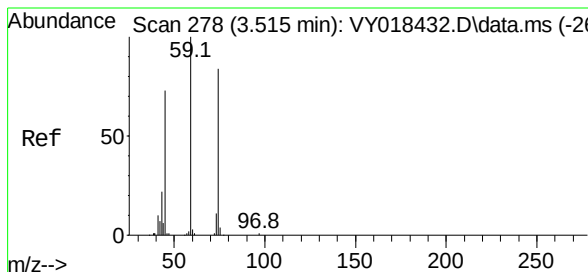
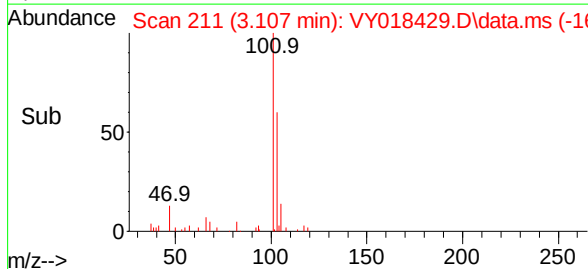
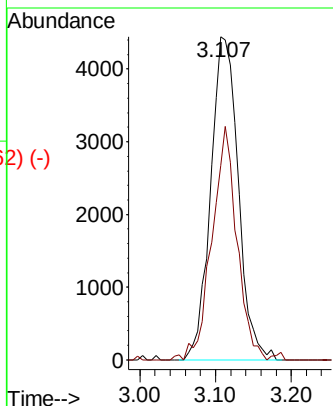
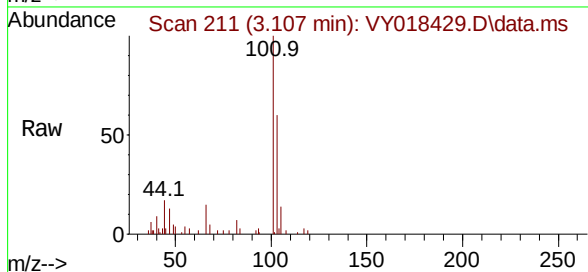




Trichlorofluoromethane
 Concen: 4.903 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

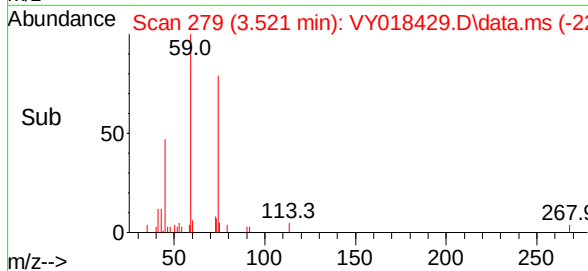
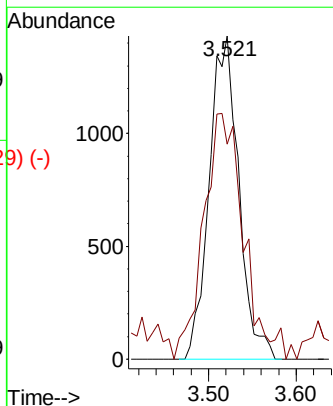
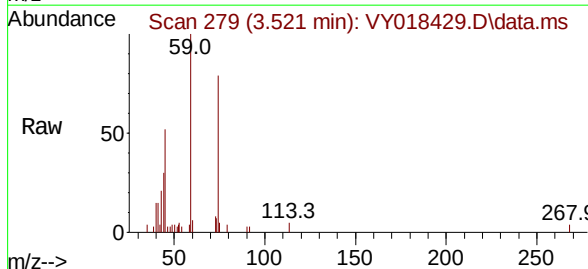
Instrument : MSVOA_Y
 ClientSampleId : VSTDIC005

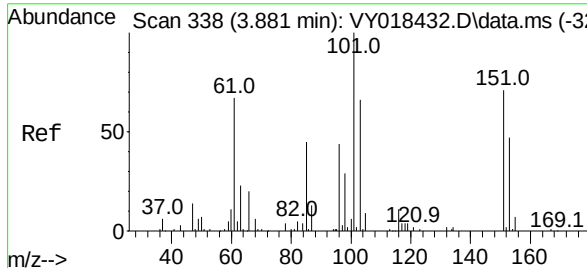
Tgt Ion: 101 Resp: 11228
 Ion Ratio Lower Upper
 101 100
 103 58.7 49.3 73.9



Diethyl Ether
 Concen: 4.853 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

Tgt Ion: 74 Resp: 3344
 Ion Ratio Lower Upper
 74 100
 45 102.8 41.3 124.1





1,1,2-Trichlorotrifluoroethane

Concen: 5.258 ug/l

RT: 3.893 min Scan# 370

Delta R.T. 0.012 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

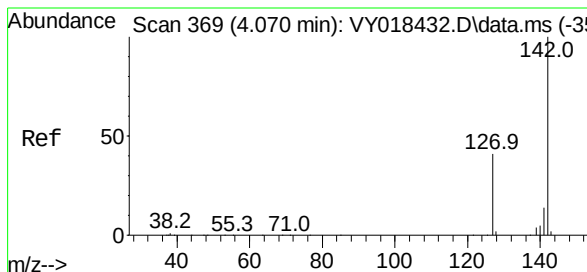
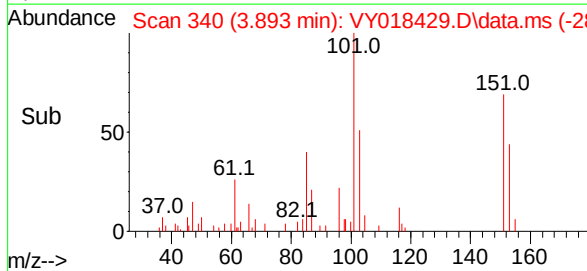
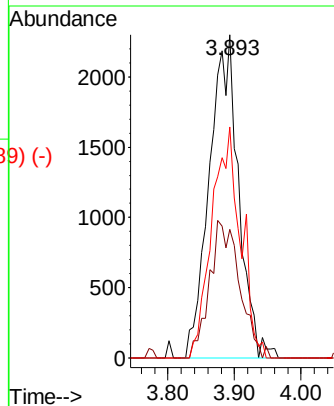
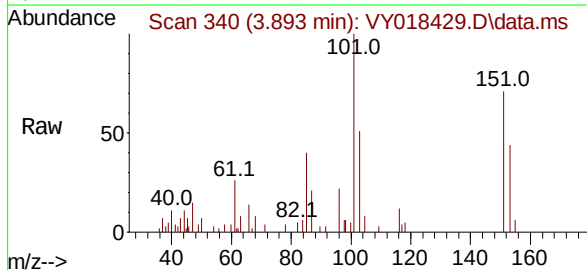
Tgt Ion:101 Resp: 7012

Ion Ratio Lower Upper

101 100

85 43.6 34.5 51.7

151 70.3 61.7 92.5



Methyl Iodide

Concen: 4.390 ug/l

RT: 4.076 min Scan# 370

Delta R.T. 0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

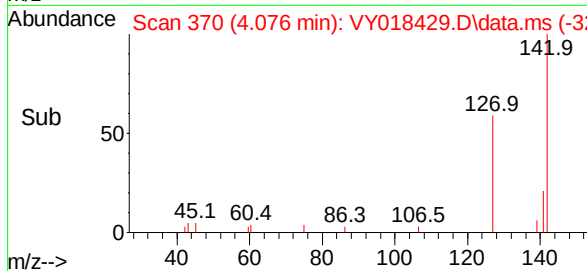
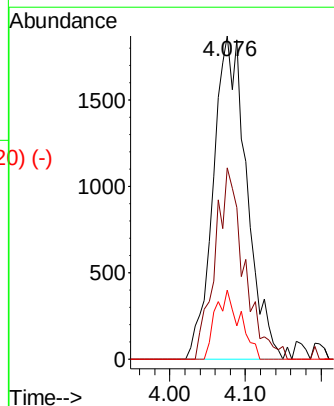
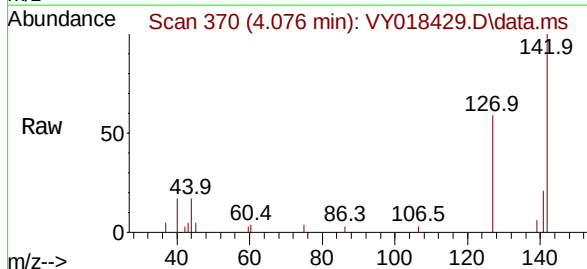
Tgt Ion:142 Resp: 5750

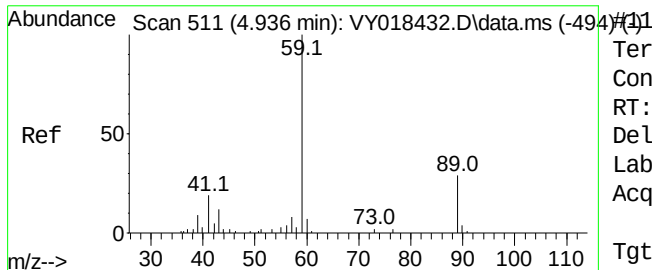
Ion Ratio Lower Upper

142 100

127 51.5 32.8 49.2#

141 15.7 11.4 17.2

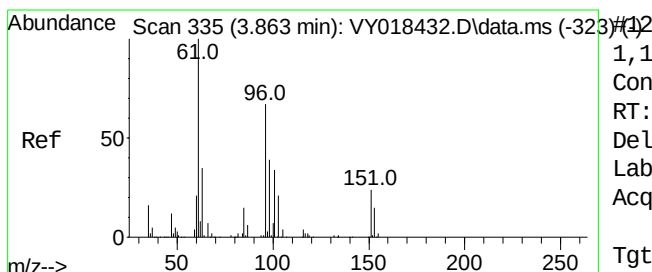
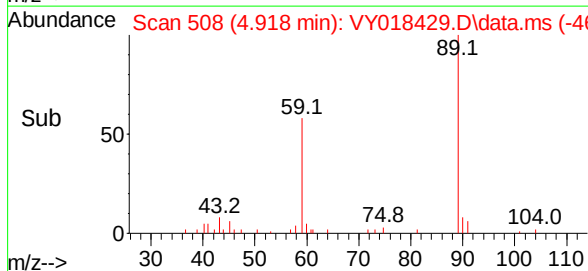
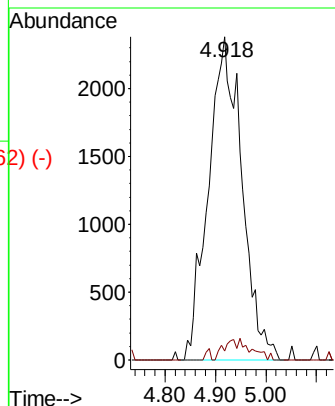
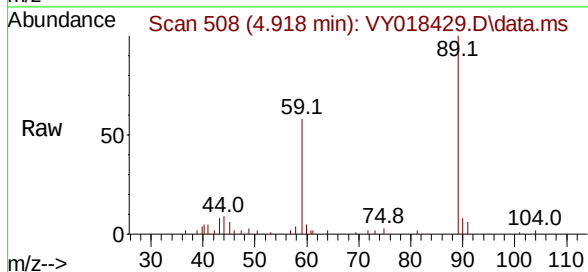




Tert butyl alcohol
 Concen: 19.361 ug/l
 RT: 4.918 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

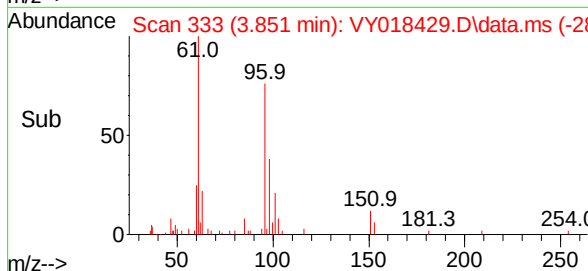
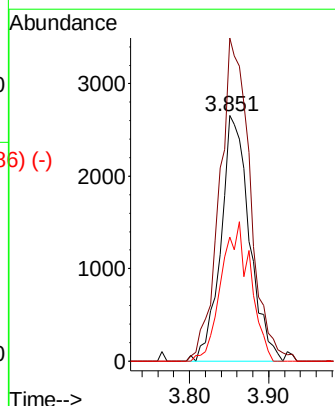
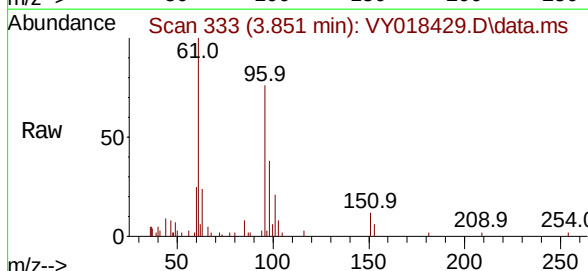
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

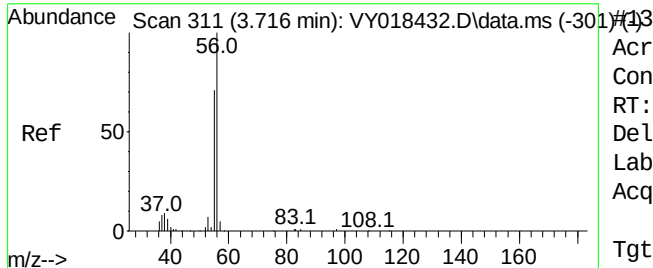
Tgt Ion: 59 Resp: 10954
 Ion Ratio Lower Upper
 59 100
 57 2.5 3.0 4.6#



1,1-Dichloroethene
 Concen: 5.069 ug/l
 RT: 3.851 min Scan# 333
 Delta R.T. -0.012 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

Tgt Ion: 96 Resp: 6644
 Ion Ratio Lower Upper
 96 100
 61 131.6 114.6 171.8
 98 50.6 50.8 76.2#





Acrolein

Concen: 19.500 ug/l

RT: 3.710 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

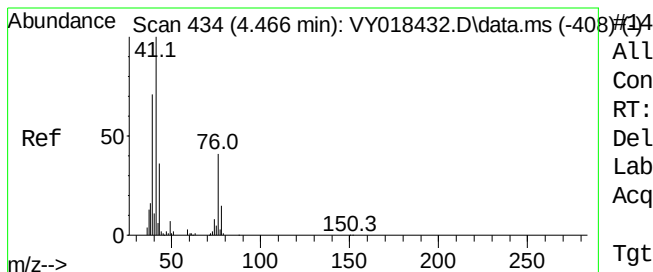
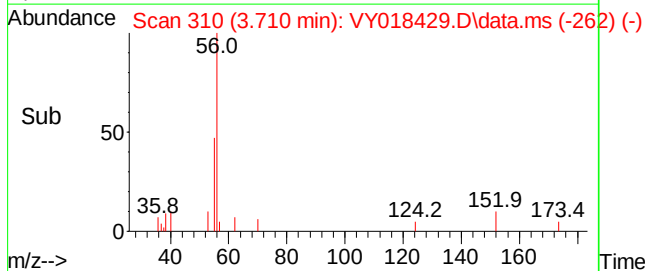
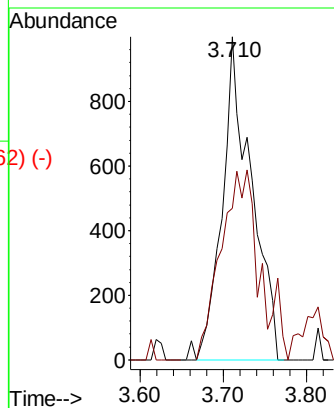
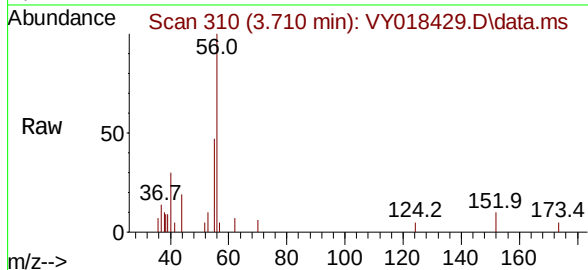
VSTDICC005

Tgt Ion: 56 Resp: 2449

Ion Ratio Lower Upper

56 100

55 72.6 55.7 83.5



Allyl chloride

Concen: 4.898 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

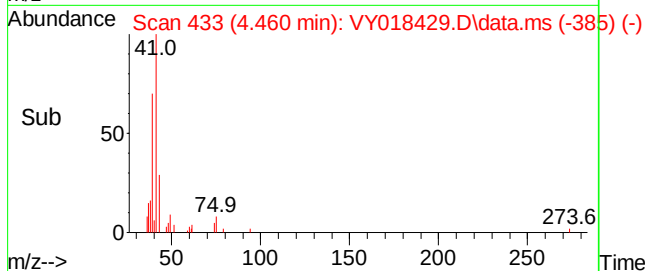
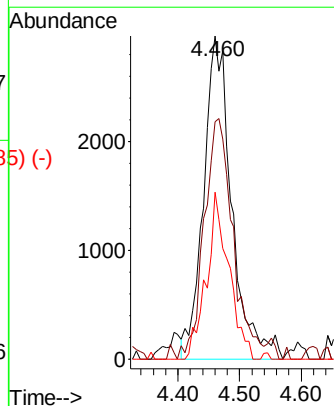
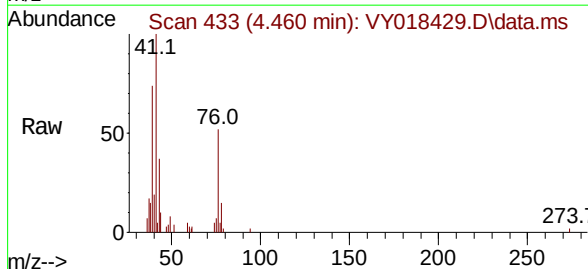
Tgt Ion: 41 Resp: 9402

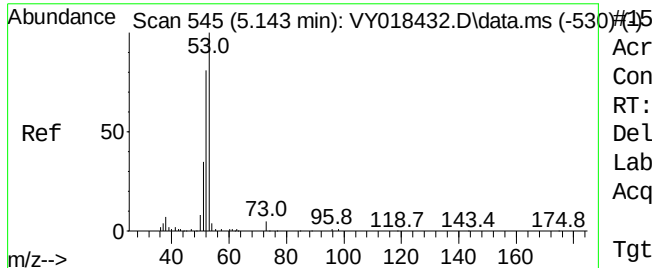
Ion Ratio Lower Upper

41 100

39 76.1 58.3 87.5

76 40.9 39.0 58.6





Acrylonitrile

Concen: 24.266 ug/l

RT: 5.137 min Scan# 415

Delta R.T. -0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

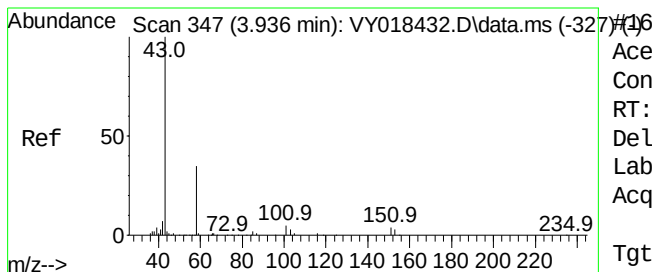
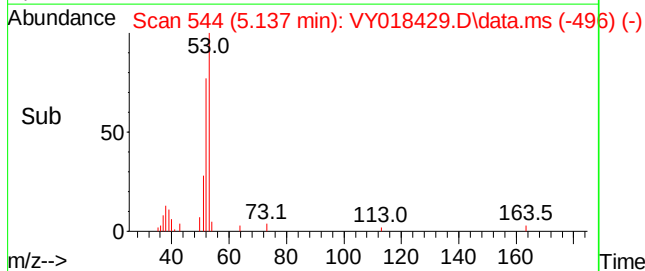
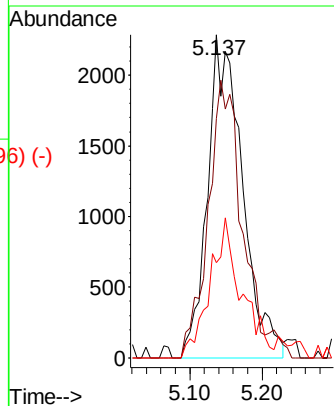
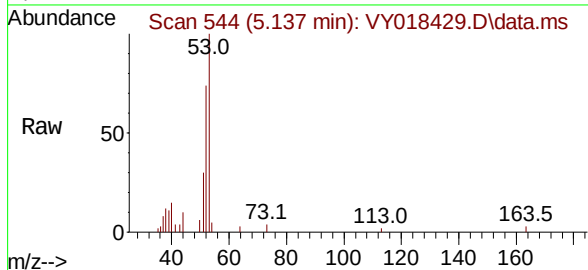
Tgt Ion: 53 Resp: 7647

Ion Ratio Lower Upper

53 100

52 82.0 64.7 97.1

51 39.2 28.4 42.6



Acetone

Concen: 25.957 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018429.D

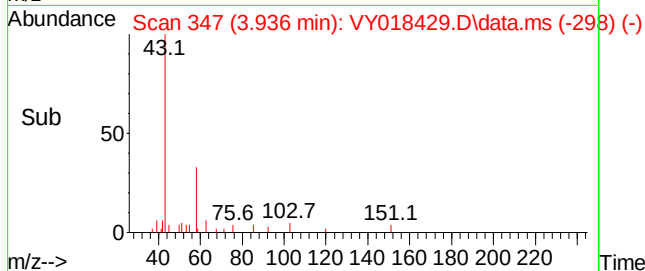
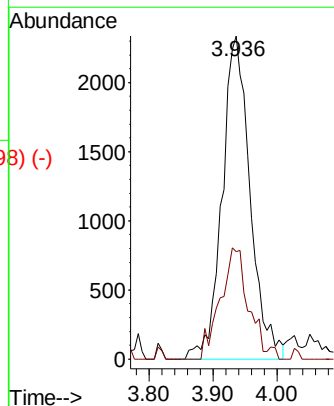
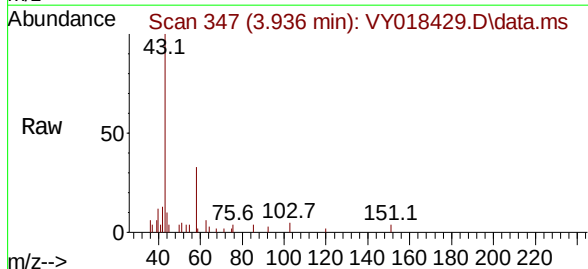
Acq: 03 Jun 2024 10:14

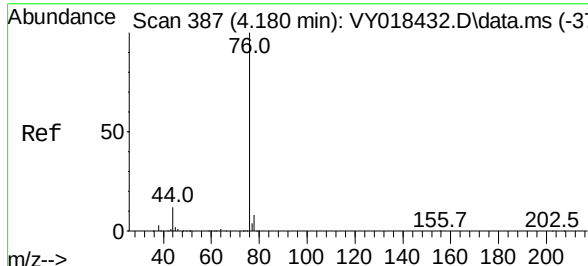
Tgt Ion: 43 Resp: 7069

Ion Ratio Lower Upper

43 100

58 33.2 31.7 47.5





Carbon Disulfide

Concen: 4.954 ug/l

RT: 4.186 min Scan# 417

Delta R.T. 0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

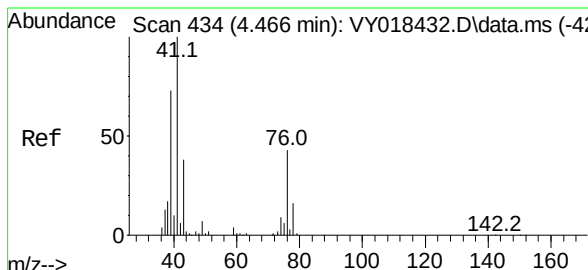
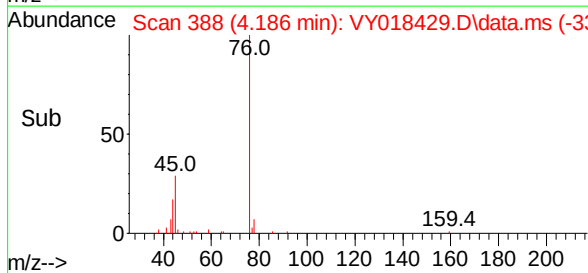
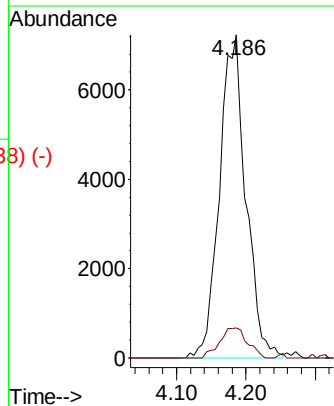
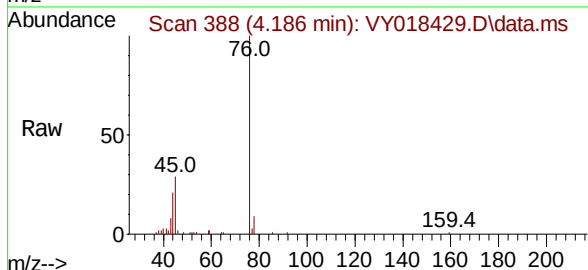
VSTDIC005

Tgt Ion: 76 Resp: 19047

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2



Methyl Acetate

Concen: 5.122 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY018429.D

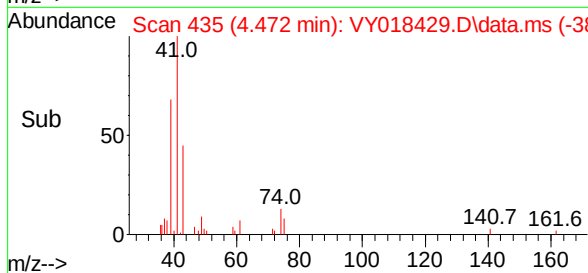
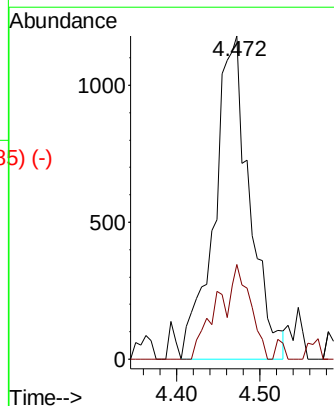
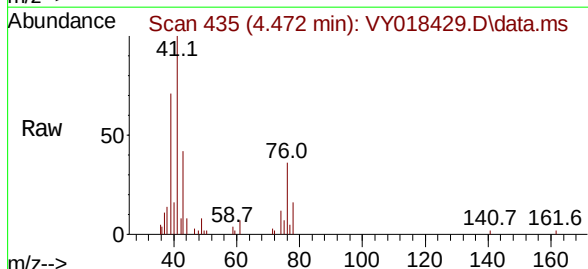
Acq: 03 Jun 2024 10:14

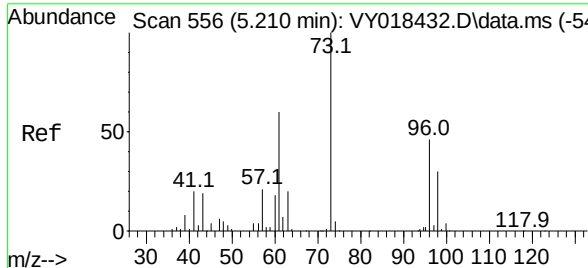
Tgt Ion: 43 Resp: 3488

Ion Ratio Lower Upper

43 100

74 27.3 23.3 34.9

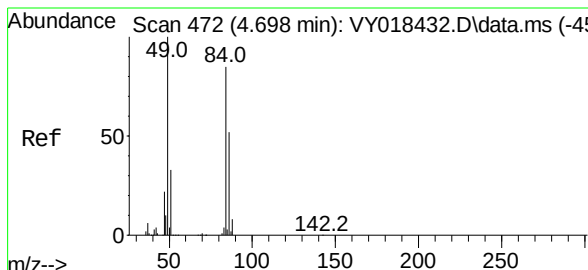
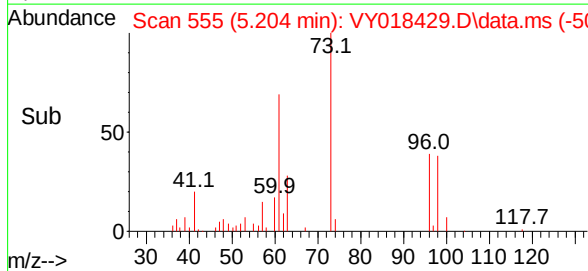
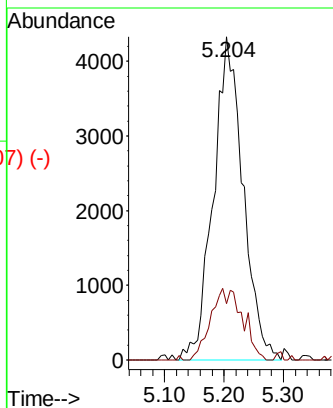
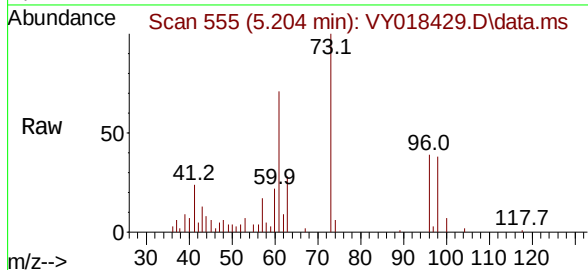




Methyl tert-butyl Ether
 Concen: 4.754 ug/l
 RT: 5.204 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

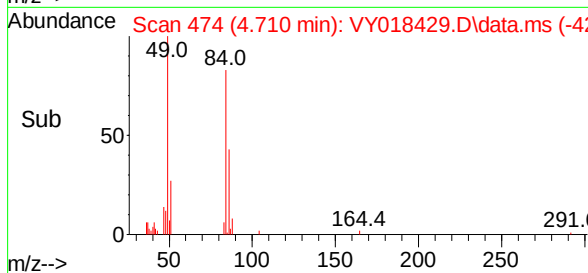
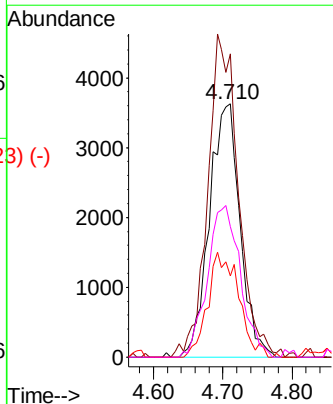
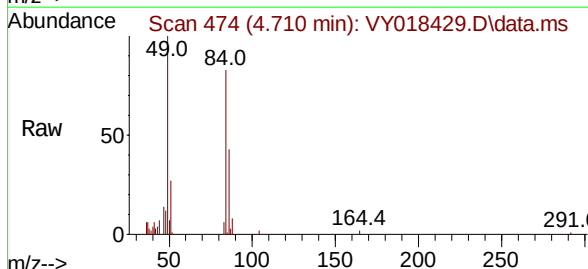
Instrument : MSVOA_Y
 ClientSampleId : VSTDIC005

Tgt Ion: 73 Resp: 15019
 Ion Ratio Lower Upper
 73 100
 57 15.9 17.3 25.9#

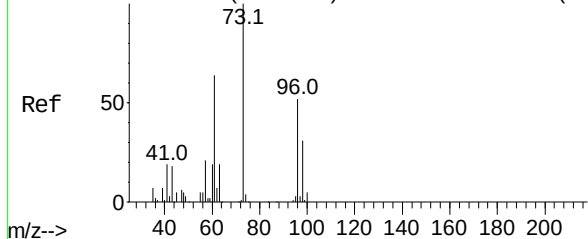


Methylene Chloride
 Concen: 4.467 ug/l
 RT: 4.710 min Scan# 474
 Delta R.T. 0.012 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

Tgt Ion: 84 Resp: 11152
 Ion Ratio Lower Upper
 84 100
 49 116.4 84.4 126.6
 51 32.2 26.0 39.0
 86 51.5 49.5 74.3



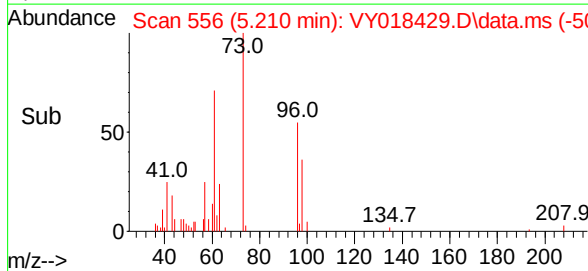
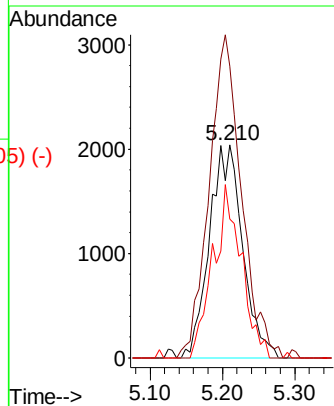
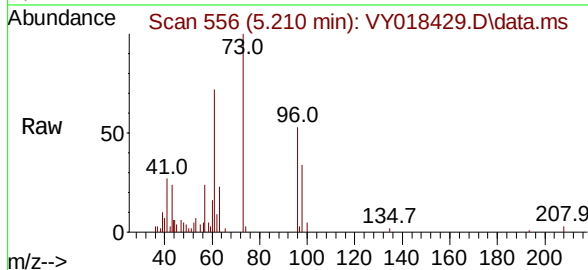
Abundance Scan 554 (5.198 min): VY018432.D\data.ms (-542) #21



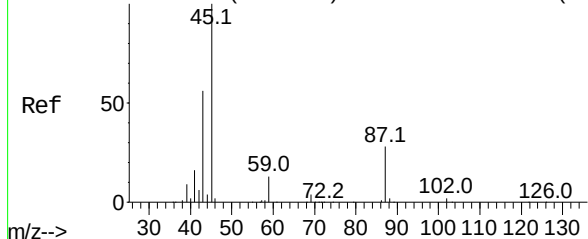
trans-1,2-Dichloroethene
Concen: 4.627 ug/l
RT: 5.210 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 6472
Ion Ratio Lower Upper
96 100
61 136.9 97.5 146.3
98 65.2 50.5 75.7

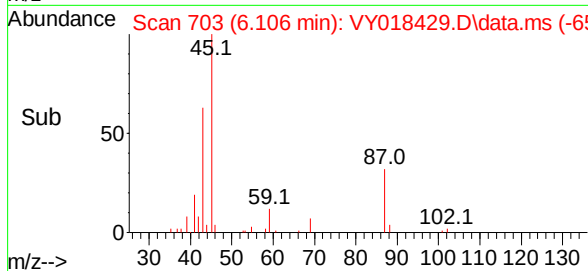
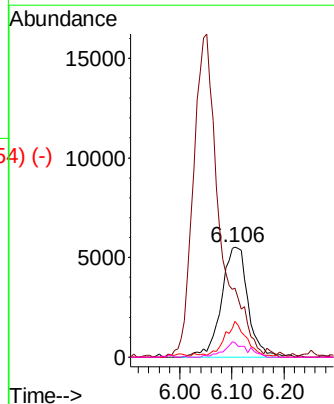
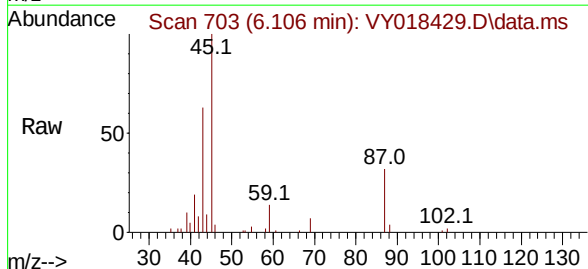


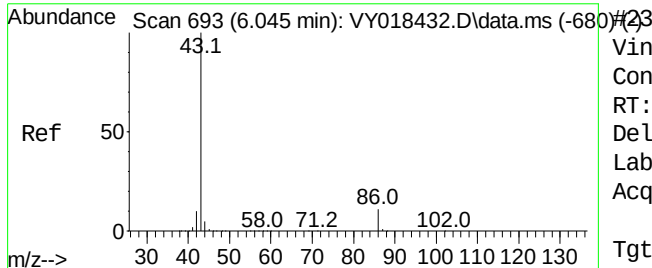
Abundance Scan 703 (6.106 min): VY018432.D\data.ms (-683) #22



Diisopropyl ether
Concen: 5.040 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion: 45 Resp: 19703
Ion Ratio Lower Upper
45 100
43 60.1 42.2 63.2
87 32.4 25.0 37.6
59 13.5 10.5 15.7





Vinyl Acetate

Concen: 22.474 ug/l

RT: 6.051 min Scan#

Delta R.T. 0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

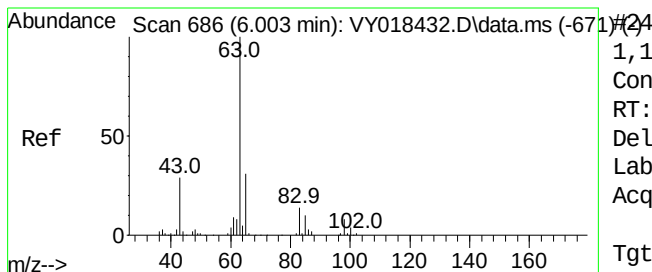
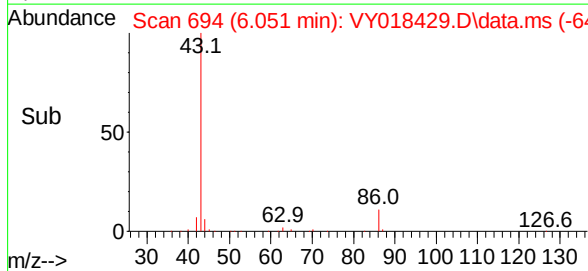
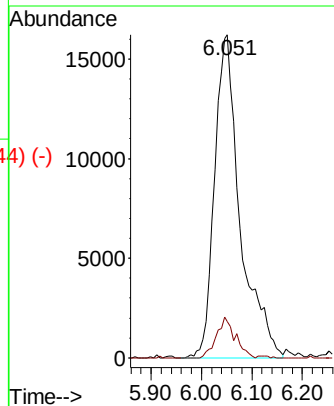
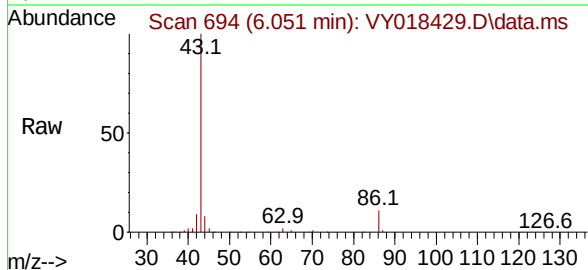
VSTDIC005

Tgt Ion: 43 Resp: 57178

Ion Ratio Lower Upper

43 100

86 11.3 10.6 16.0



1,1-Dichloroethane

Concen: 4.832 ug/l

RT: 5.997 min Scan# 685

Delta R.T. -0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

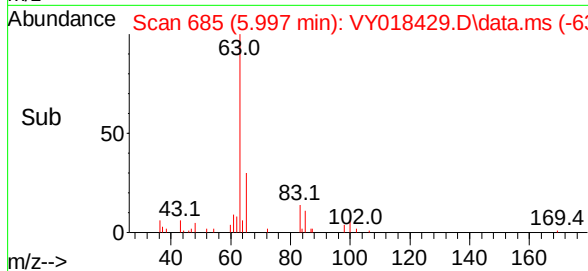
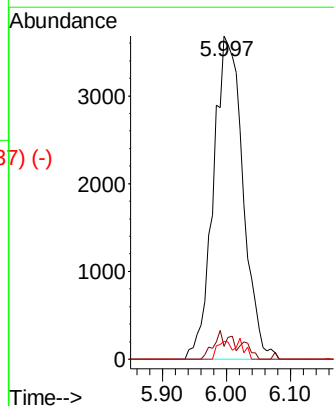
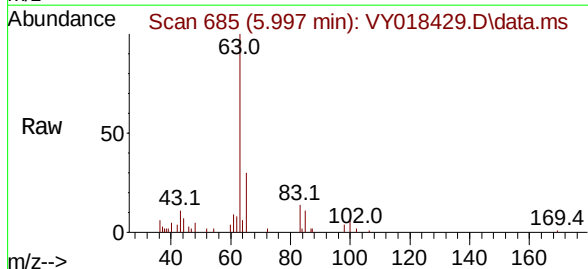
Tgt Ion: 63 Resp: 11783

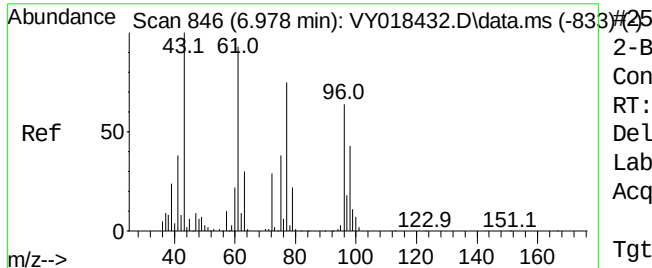
Ion Ratio Lower Upper

63 100

98 4.0 4.0 12.2#

100 5.5 2.6 8.0





2-Butanone

Concen: 23.878 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

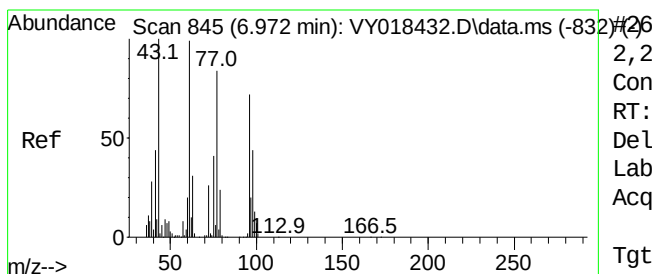
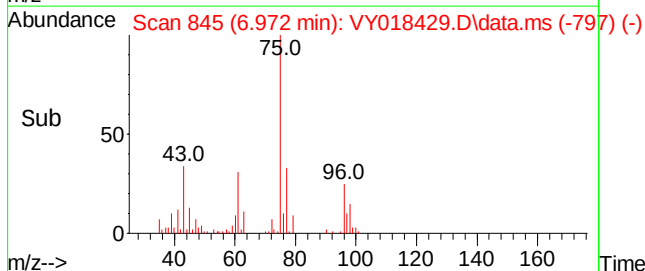
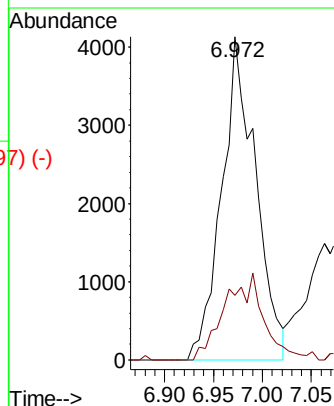
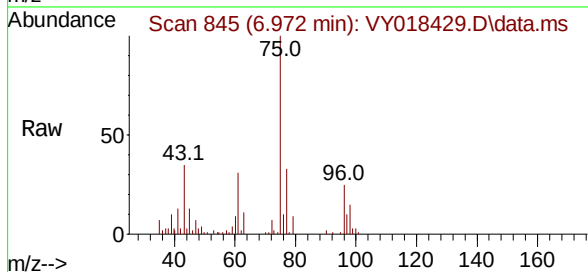
VSTDICC005

Tgt Ion: 43 Resp: 9962

Ion Ratio Lower Upper

43 100

72 19.9 27.3 40.9#



2,2-Dichloropropane

Concen: 5.571 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018429.D

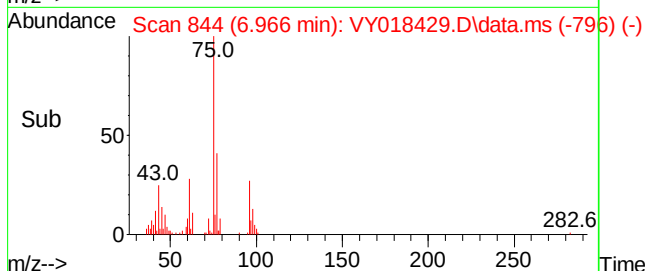
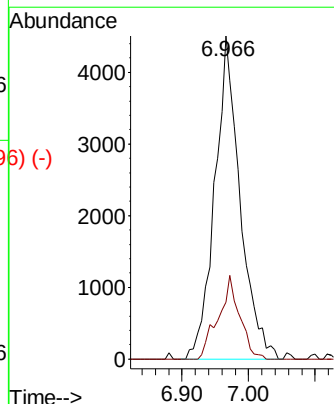
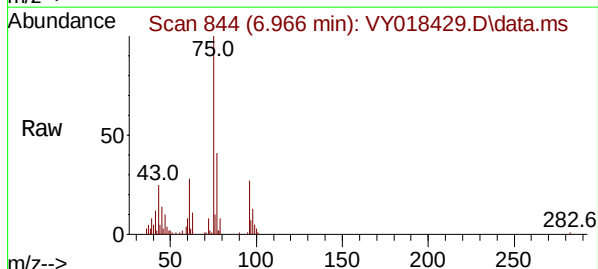
Acq: 03 Jun 2024 10:14

Tgt Ion: 77 Resp: 11939

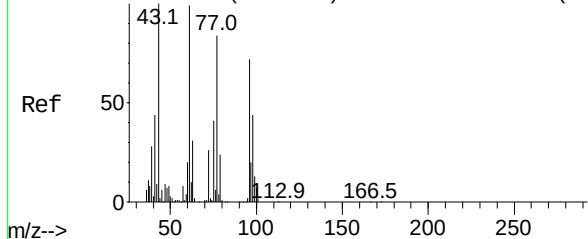
Ion Ratio Lower Upper

77 100

97 21.8 12.0 36.1



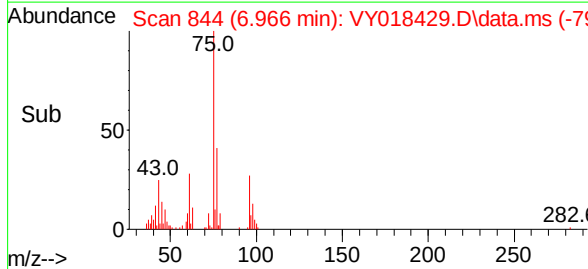
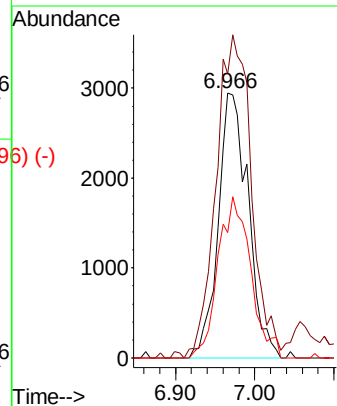
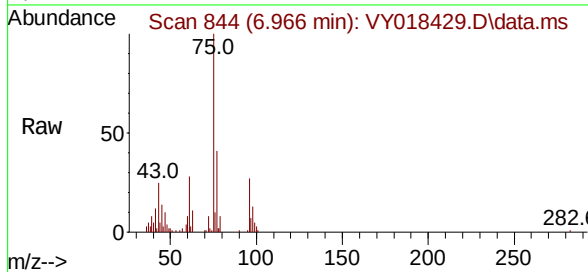
Abundance Scan 845 (6.972 min): VY018432.D\data.ms (-833) #27



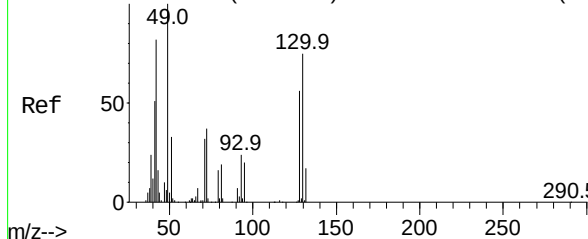
cis-1,2-Dichloroethene
Concen: 4.764 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 7752
Ion Ratio Lower Upper
96 100
61 144.1 0.0 256.2
98 65.9 0.0 130.0

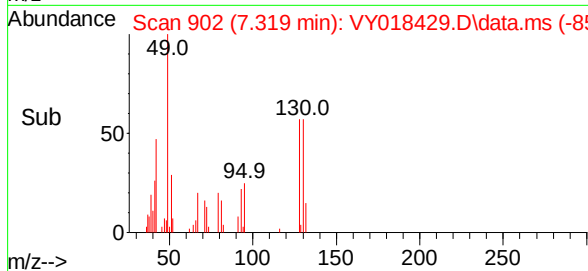
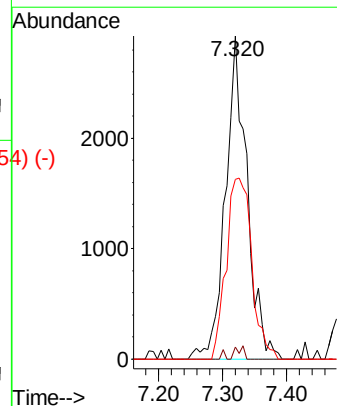
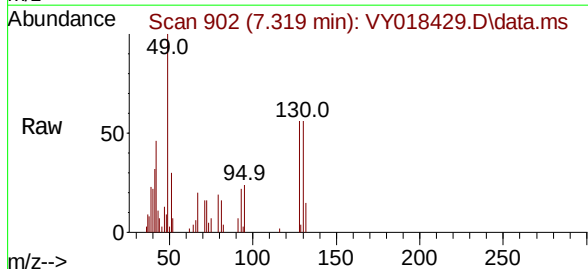


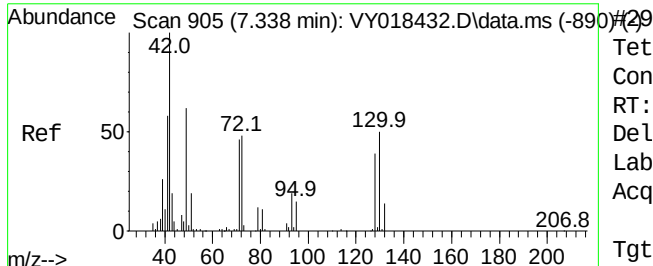
Abundance Scan 903 (7.326 min): VY018432.D\data.ms (-891) #28



Bromochloromethane
Concen: 6.047 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion: 49 Resp: 6785
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 66.3 72.7 109.1#





Tetrahydrofuran

Concen: 24.607 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

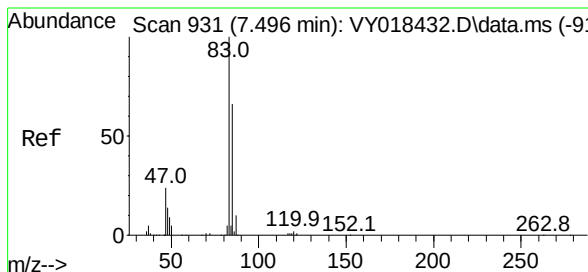
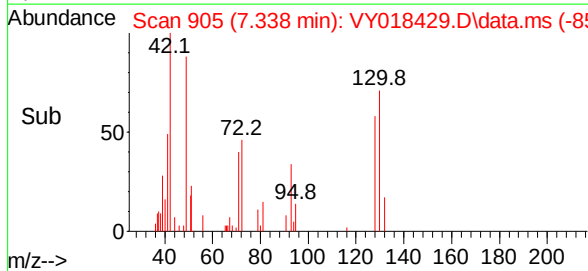
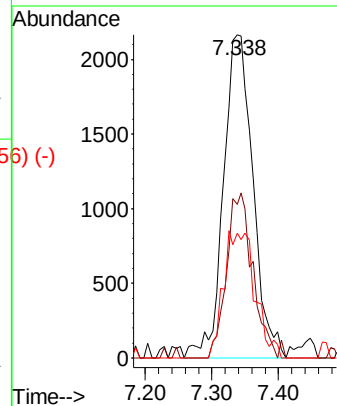
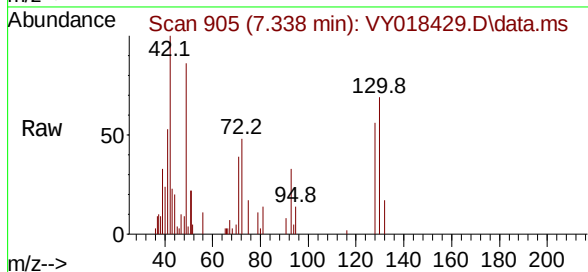
Tgt Ion: 42 Resp: 6667

Ion Ratio Lower Upper

42 100

72 45.1 43.0 64.4

71 41.5 40.8 61.2



Chloroform

Concen: 4.742 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018429.D

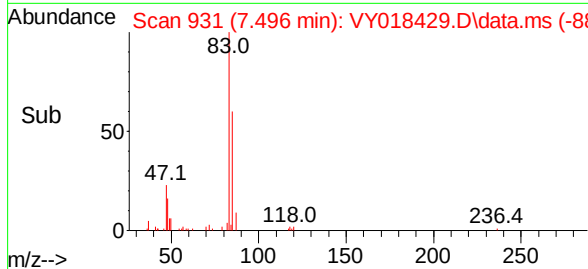
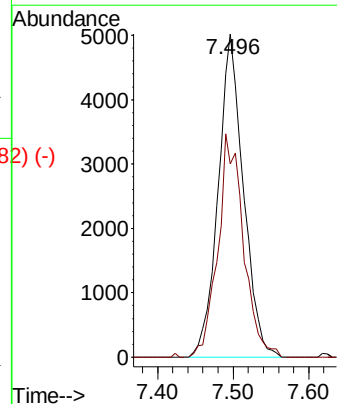
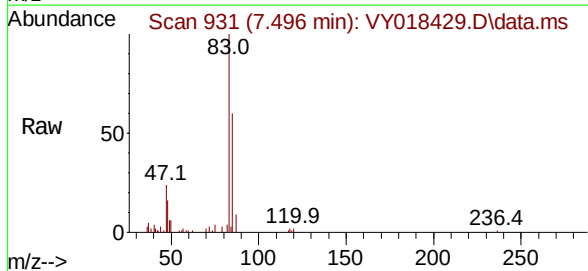
Acq: 03 Jun 2024 10:14

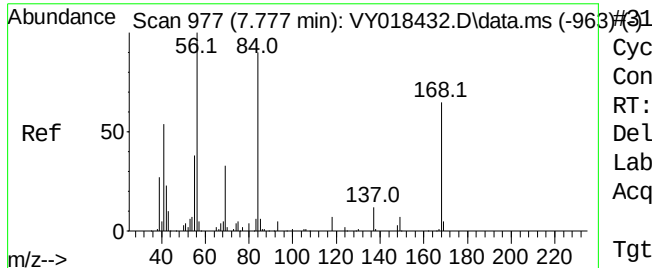
Tgt Ion: 83 Resp: 11596

Ion Ratio Lower Upper

83 100

85 59.8 52.2 78.4





Cyclohexane

Concen: 5.388 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

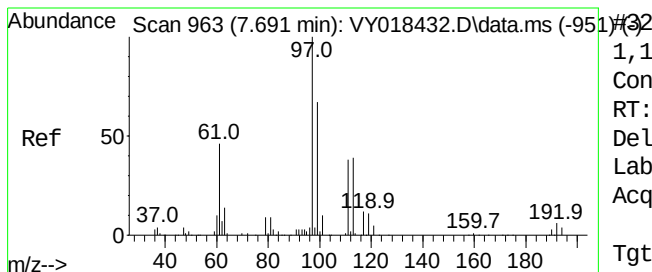
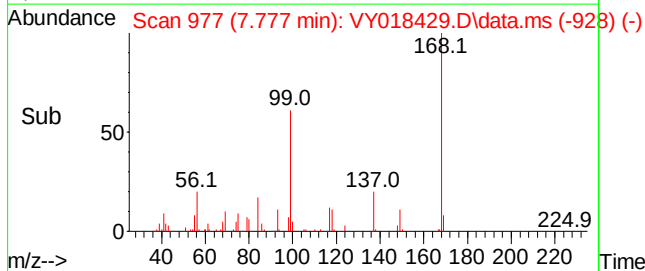
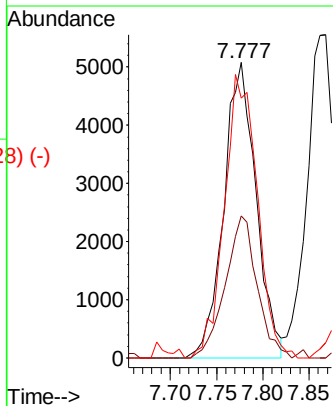
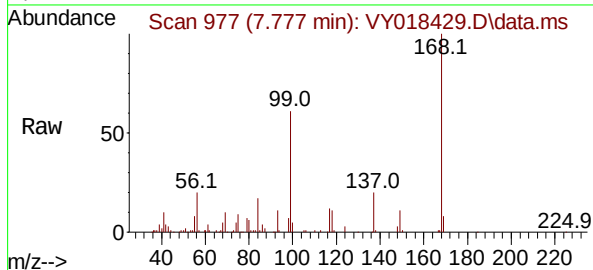
Tgt Ion: 56 Resp: 12326

Ion Ratio Lower Upper

56 100

69 48.1 28.7 43.1#

84 85.0 77.7 116.5



1,1,1-Trichloroethane

Concen: 4.790 ug/l

RT: 7.685 min Scan# 962

Delta R.T. -0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

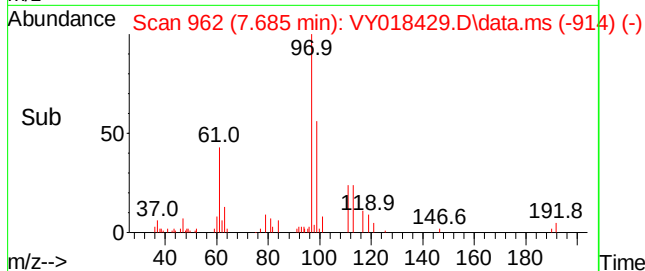
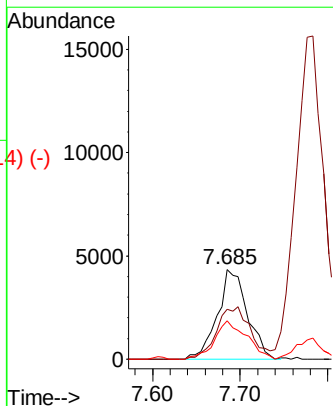
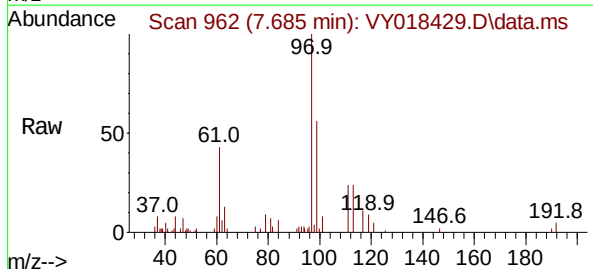
Tgt Ion: 97 Resp: 10261

Ion Ratio Lower Upper

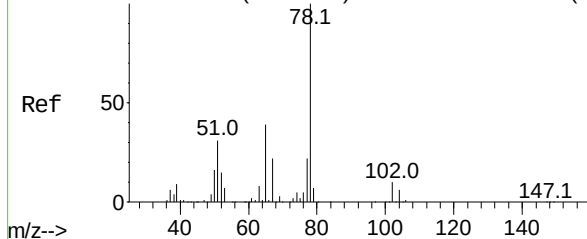
97 100

99 66.2 50.3 75.5

61 45.9 32.6 48.8



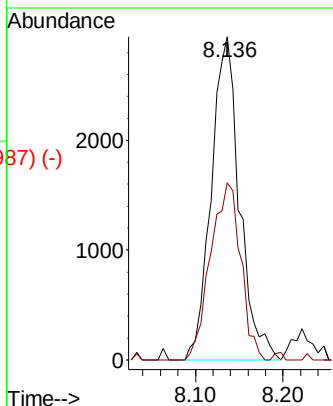
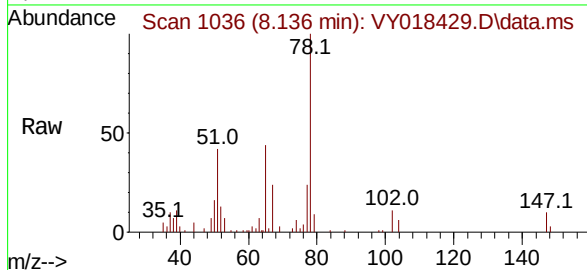
Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-10253)



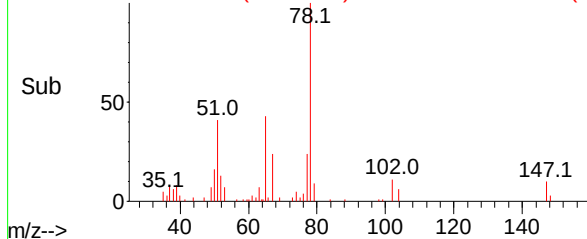
1,2-Dichloroethane-d4
Concen: 5.379 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

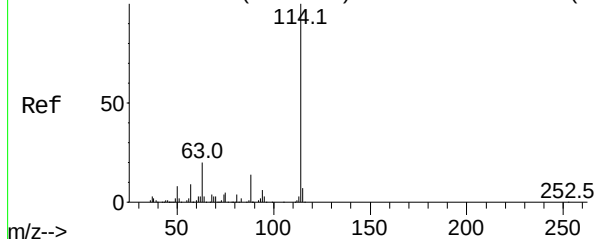
Tgt Ion: 65 Resp: 6600
Ion Ratio Lower Upper
65 100
67 58.4 0.0 109.6



Abundance Scan 1036 (8.136 min): VY018429.D\data.ms (-987) (-)

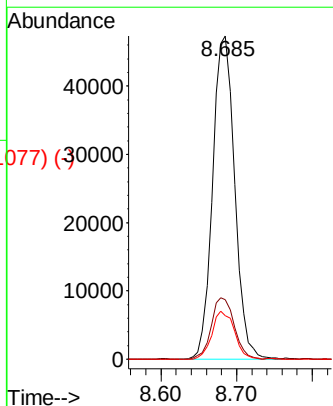
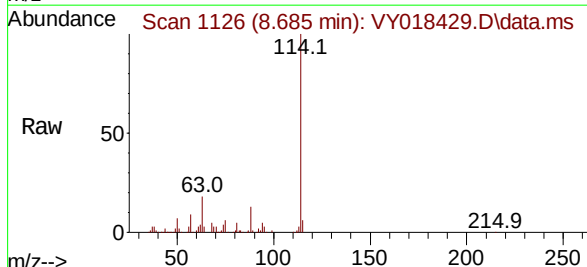


Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-11154)

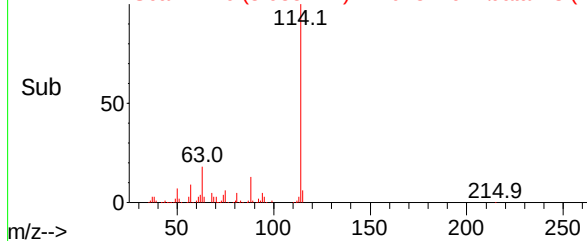


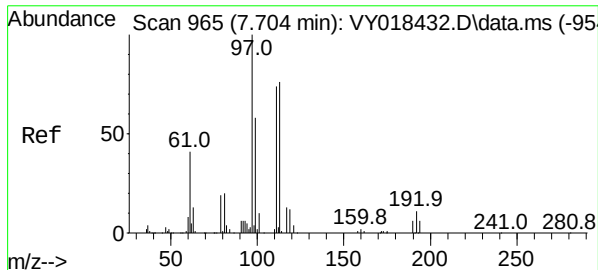
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:114 Resp: 95845
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.0
88 13.4 0.0 27.2



Abundance Scan 1126 (8.685 min): VY018429.D\data.ms (-1077) (-)

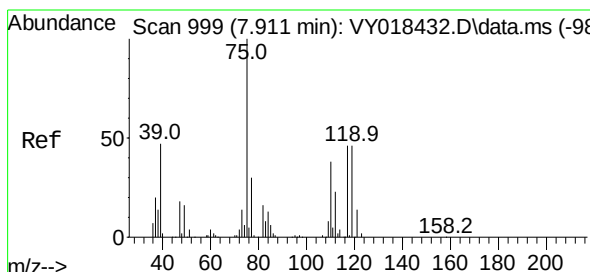
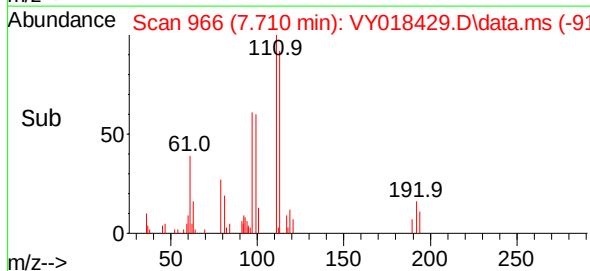
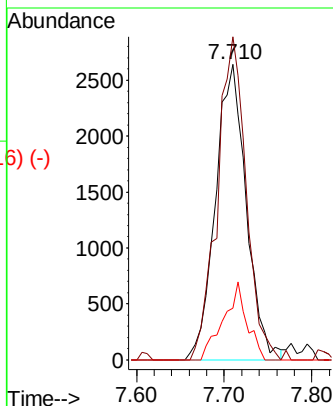
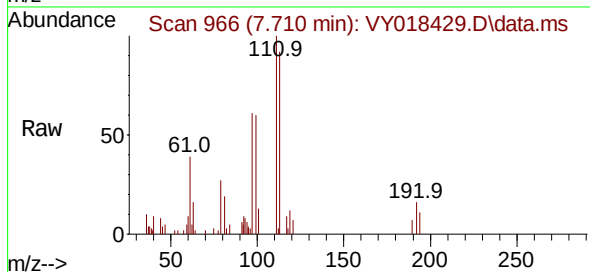




#35
Dibromofluoromethane
Concen: 5.317 ug/l
RT: 7.710 min Scan# 996
Delta R.T. 0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

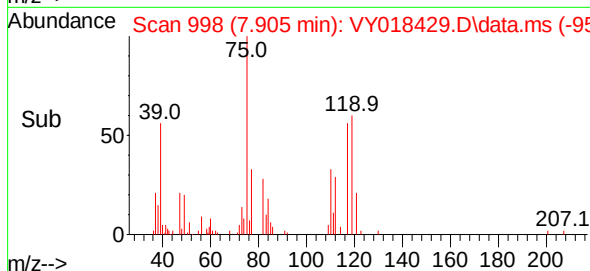
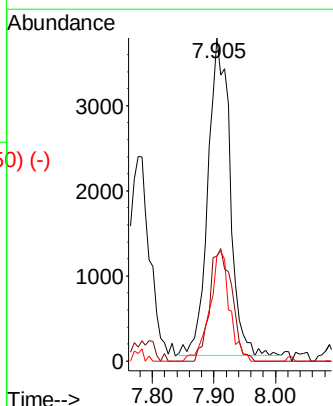
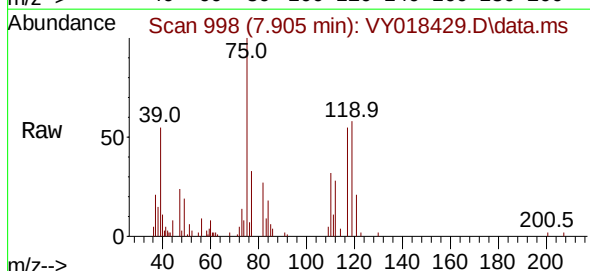
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

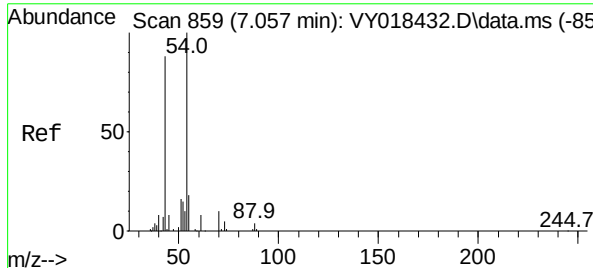
Tgt Ion:113 Resp: 6462
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.011 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion: 75 Resp: 9286
Ion Ratio Lower Upper
75 100
110 35.6 19.0 57.0
77 31.1 25.3 37.9





Ethyl Acetate

Concen: 5.149 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.018 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

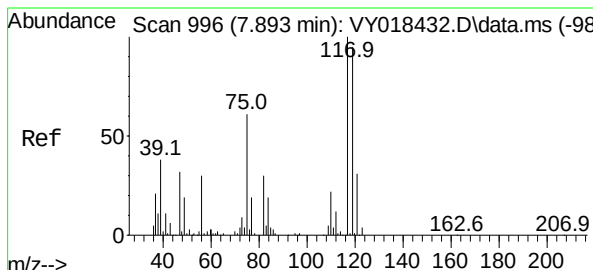
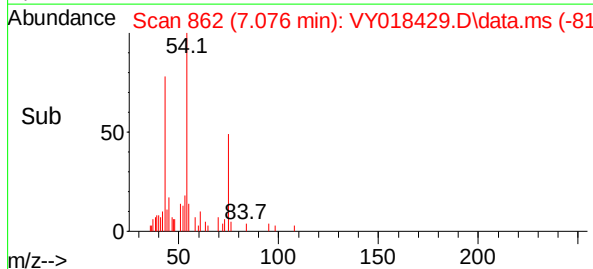
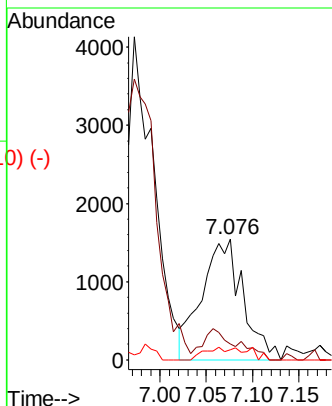
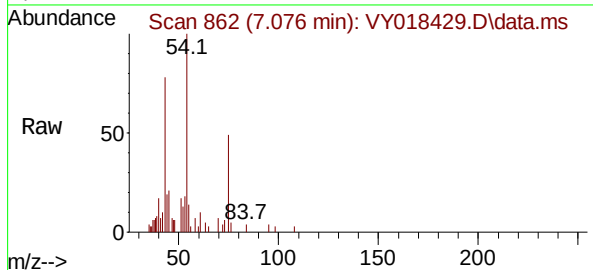
Tgt Ion: 43 Resp: 4767

Ion Ratio Lower Upper

43 100

61 10.5 12.6 19.0#

70 5.2 7.8 11.8#



Carbon Tetrachloride

Concen: 4.788 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

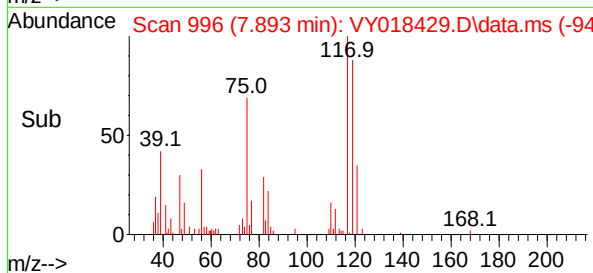
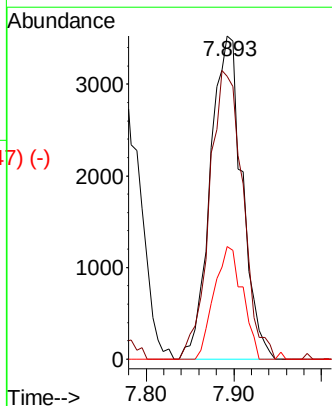
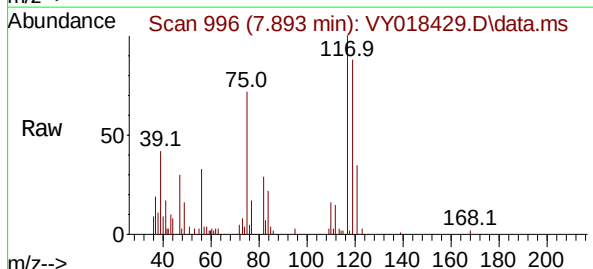
Tgt Ion: 117 Resp: 8891

Ion Ratio Lower Upper

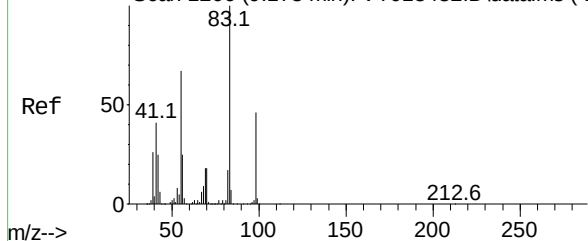
117 100

119 87.6 75.8 113.6

121 34.9 24.0 36.0



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



Methylcyclohexane

Concen: 5.100 ug/l

RT: 9.173 min Scan# 1206

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

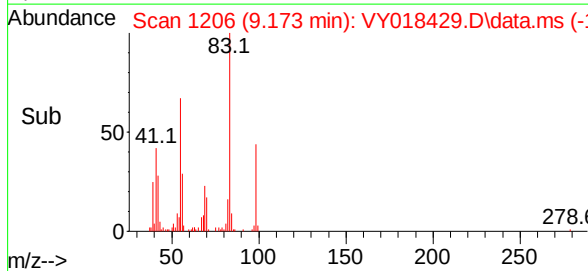
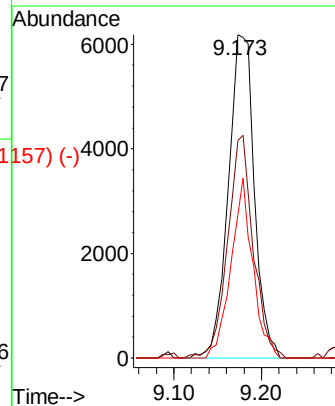
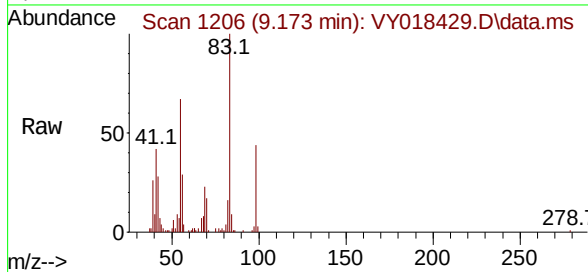
Tgt Ion: 83 Resp: 12777

Ion Ratio Lower Upper

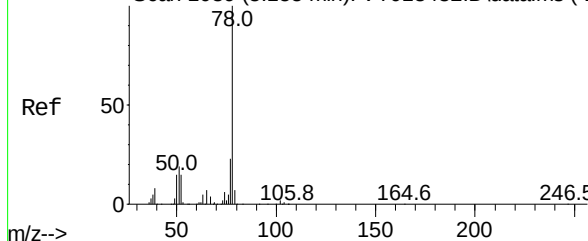
83 100

55 67.3 51.5 77.3

98 44.3 40.5 60.7



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



Benzene

Concen: 4.884 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018429.D

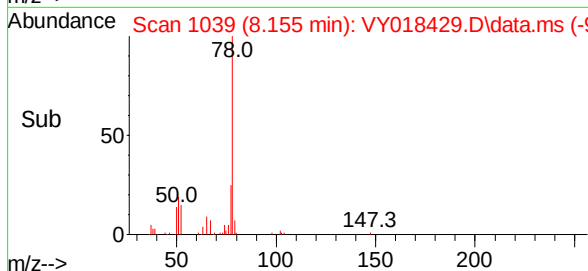
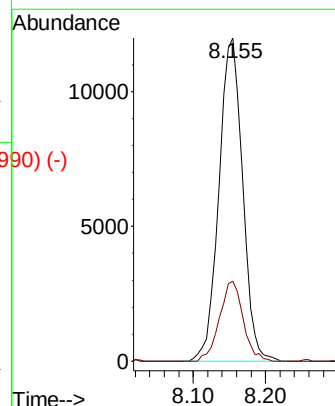
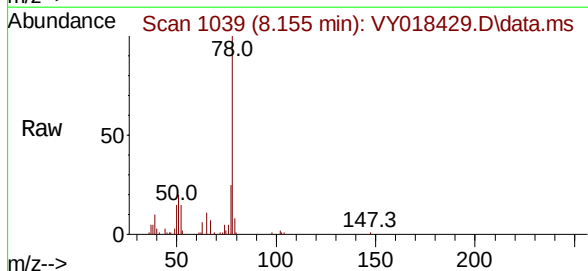
Acq: 03 Jun 2024 10:14

Tgt Ion: 78 Resp: 27119

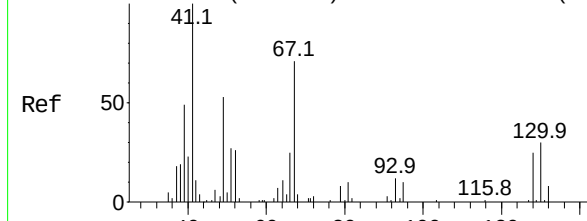
Ion Ratio Lower Upper

78 100

77 24.8 19.5 29.3



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



Methacrylonitrile

Concen: 8.334 ug/l

RT: 7.332 min Scan# 41

Delta R.T. 0.037 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 4142

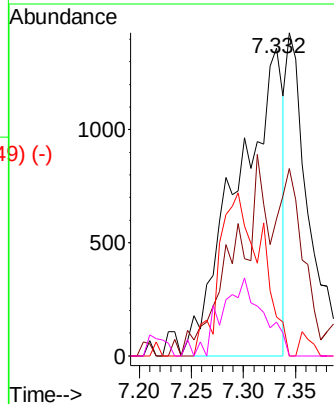
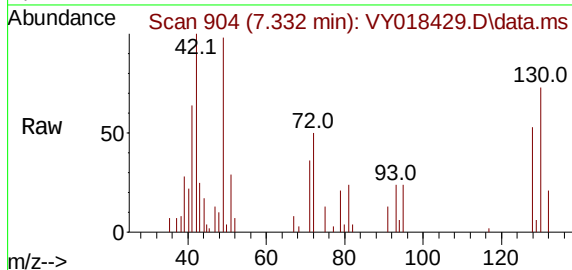
Ion Ratio Lower Upper

41 100

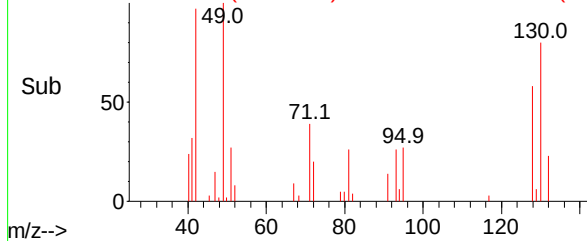
39 27.4 48.0 72.0#

67 0.0 75.1 112.7#

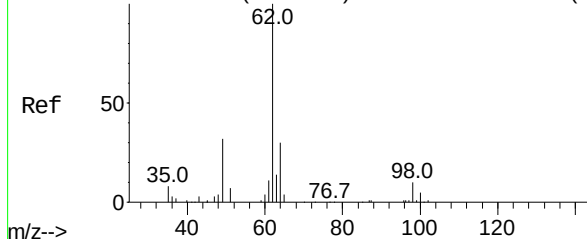
52 0.0 29.8 44.6#



Abundance Scan 904 (7.332 min): VY018429.D\data.ms (-849) (-)



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



1,2-Dichloroethane

Concen: 4.979 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VY018429.D

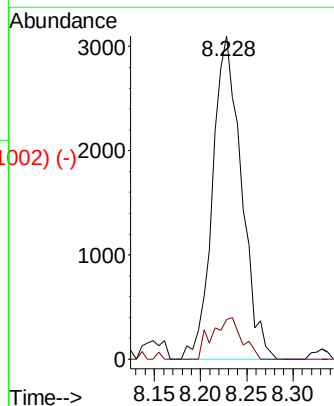
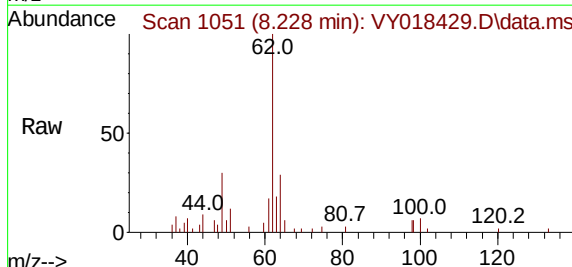
Acq: 03 Jun 2024 10:14

Tgt Ion: 62 Resp: 6722

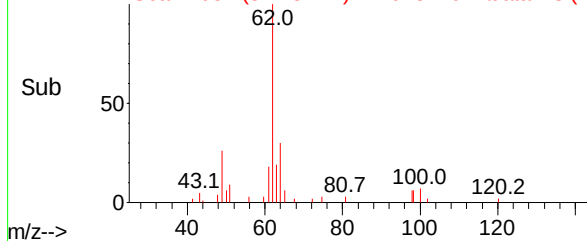
Ion Ratio Lower Upper

62 100

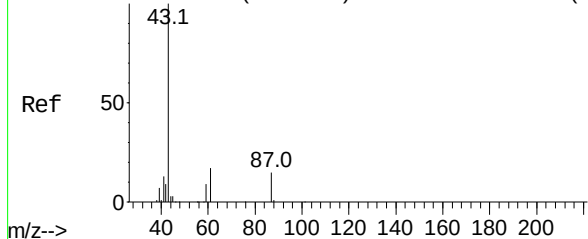
98 13.3 0.0 22.0



Abundance Scan 1051 (8.228 min): VY018429.D\data.ms (-1002) (-)



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



Isopropyl Acetate

Concen: 4.989 ug/l

RT: 8.271 min Scan#

Delta R.T. 0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

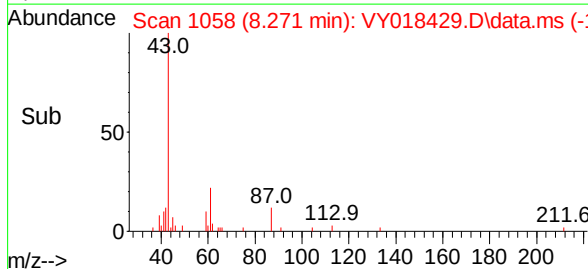
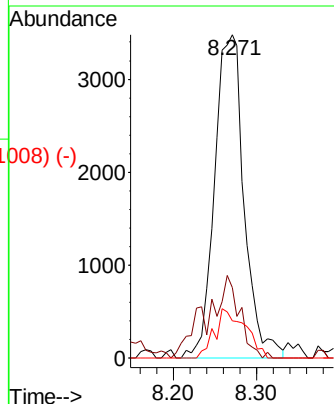
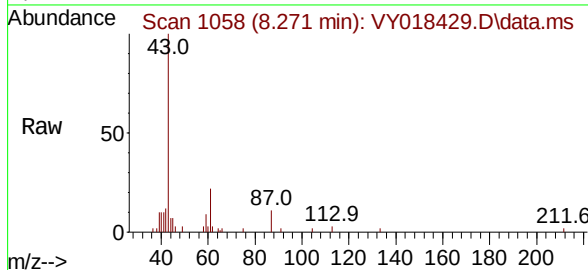
Tgt Ion: 43 Resp: 8636

Ion Ratio Lower Upper

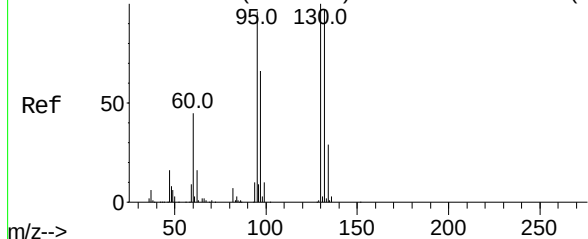
43 100

61 20.1 27.9 41.9#

87 15.6 13.1 19.7



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



Trichloroethene

Concen: 4.972 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018429.D

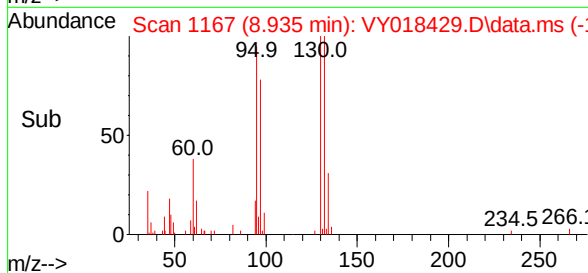
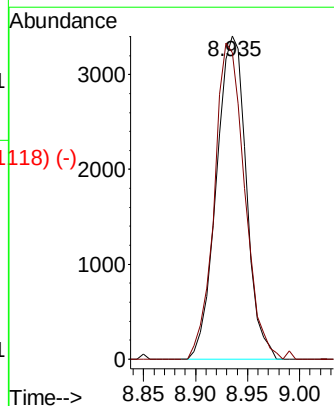
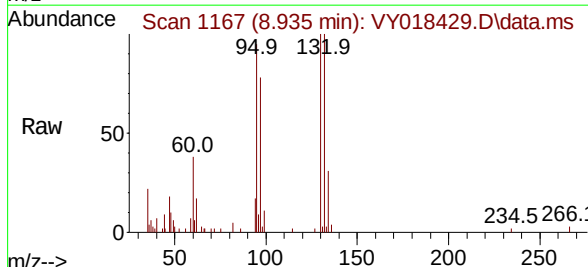
Acq: 03 Jun 2024 10:14

Tgt Ion:130 Resp: 6842

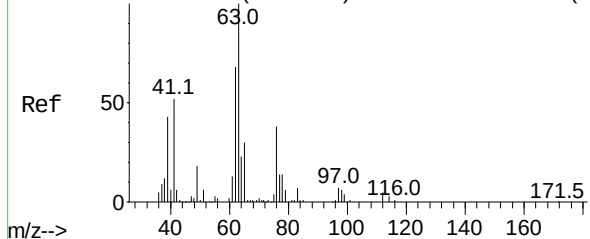
Ion Ratio Lower Upper

130 100

95 94.8 0.0 188.0



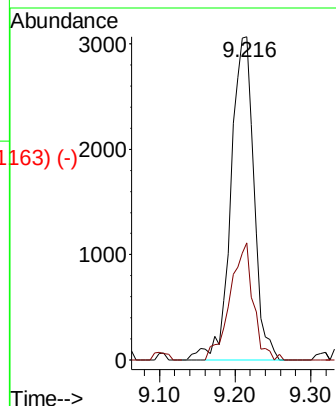
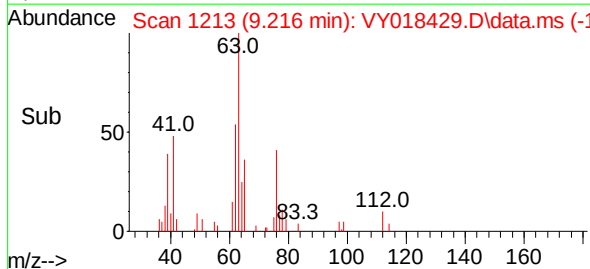
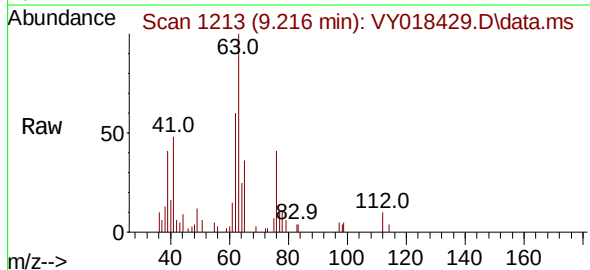
Abundance Scan 1212 (9.209 min): VY018432.D\data.ms (-12045)



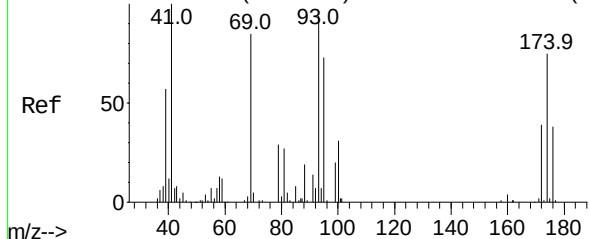
1,2-Dichloropropane
Concen: 5.105 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 6482
Ion Ratio Lower Upper
63 100
65 36.1 25.4 38.2

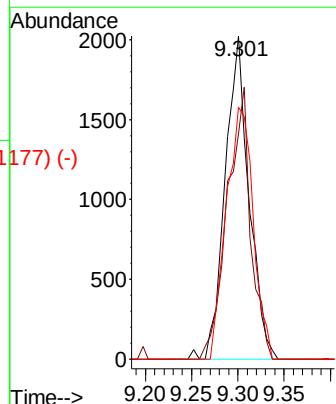
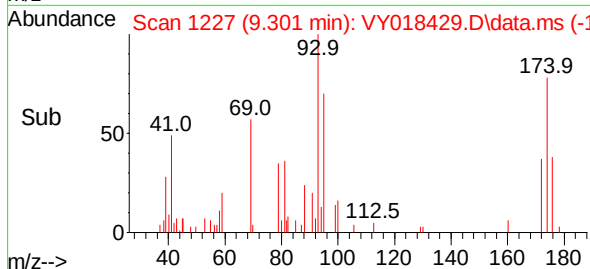
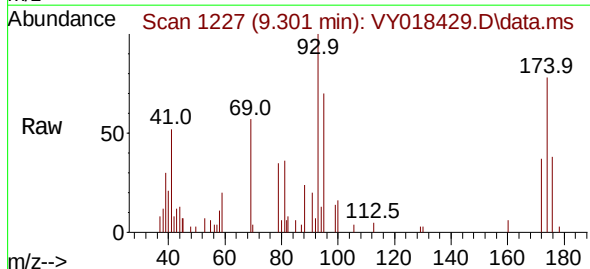


Abundance Scan 1226 (9.295 min): VY018432.D\data.ms (-12164)

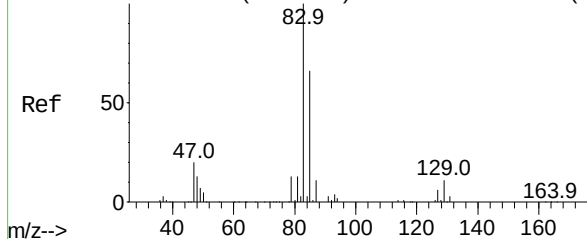


Dibromomethane
Concen: 4.990 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion: 93 Resp: 3633
Ion Ratio Lower Upper
93 100
95 82.5 66.2 99.4
174 87.8 80.9 121.3



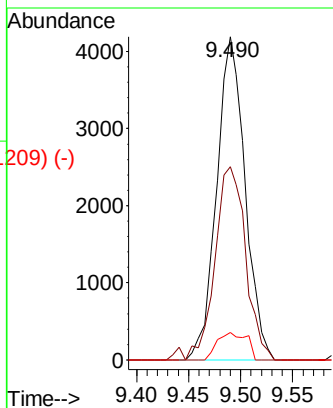
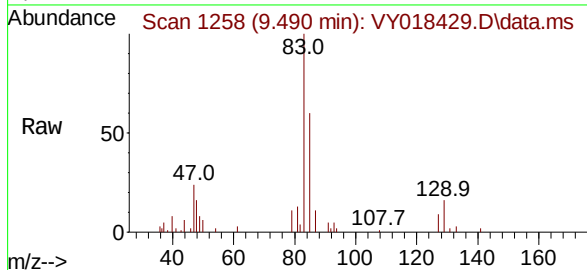
Abundance Scan 1258 (9.490 min): VY018432.D\data.ms (-1247)



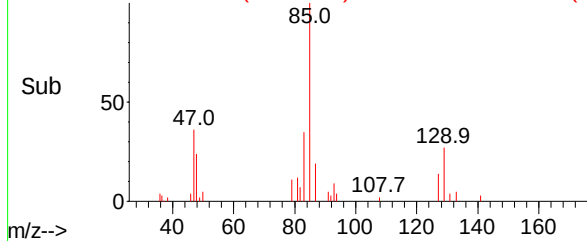
Bromodichloromethane
Concen: 4.583 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

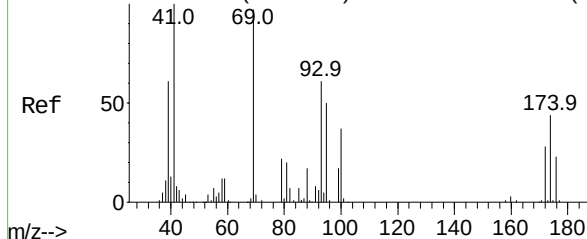
Tgt Ion:	83	Resp:	8010
Ion	Ratio	Lower	Upper
83	100		
85	59.8	50.1	75.1
127	8.6	7.4	11.0



Abundance Scan 1258 (9.490 min): VY018429.D\data.ms (-1209) (-)

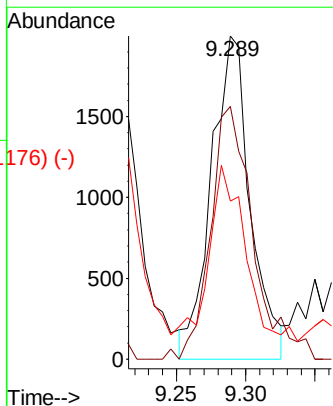
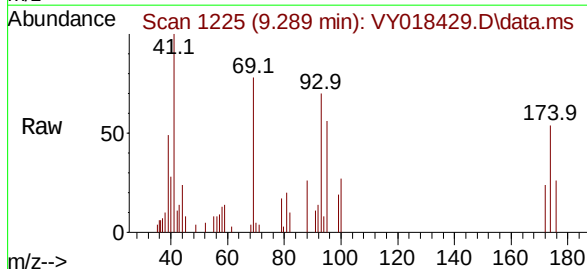


Abundance Scan 1225 (9.289 min): VY018432.D\data.ms (-1218)

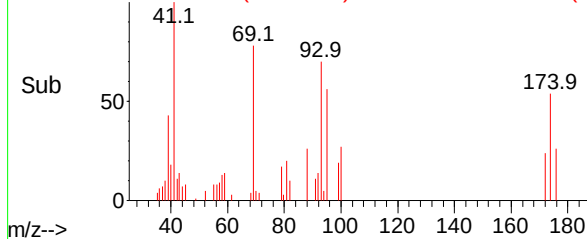


Methyl methacrylate
Concen: 4.892 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:	41	Resp:	3896
Ion	Ratio	Lower	Upper
41	100		
69	85.5	84.1	126.1
39	48.9	43.6	65.4



Abundance Scan 1225 (9.289 min): VY018429.D\data.ms (-1176) (-)



Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-12169)

1,4-Dioxane

Concen: 103.025 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.012 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

m/z-->

Abundance Scan 1225 (9.289 min): VY018429.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1225 (9.289 min): VY018429.D\data.ms (-1178) (-)

Ref

Raw

Sub

m/z-->

Tgt Ion: 88 Resp: 985

Ion Ratio Lower Upper

88 100

43 38.7 0.0 0.0#

58 72.8 49.3 73.9

Abundance

3000

2000

1000

0

9.25 9.30 9.35

9.289

Time-->

Abundance Scan 1370 (10.173 min): VY018432.D\data.ms (-1359) (-)

Toluene-d8

Concen: 5.421 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Tgt Ion: 98 Resp: 26211

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0

Abundance Scan 1370 (10.173 min): VY018429.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1370 (10.173 min): VY018429.D\data.ms (-1321) (-)

Ref

Raw

Sub

m/z-->

Abundance

10000

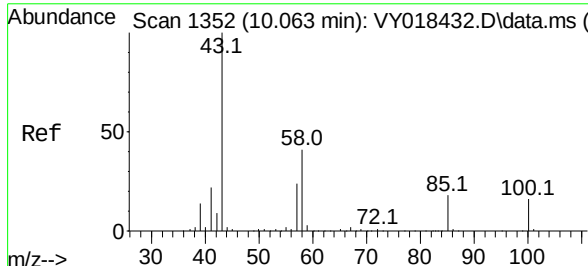
5000

0

10.10 10.20

10.173

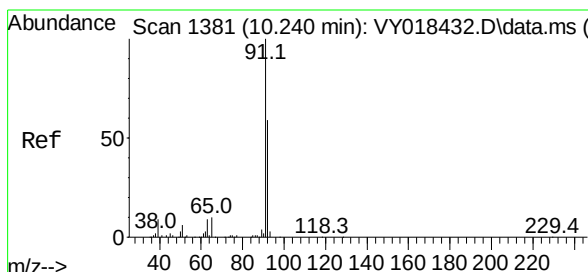
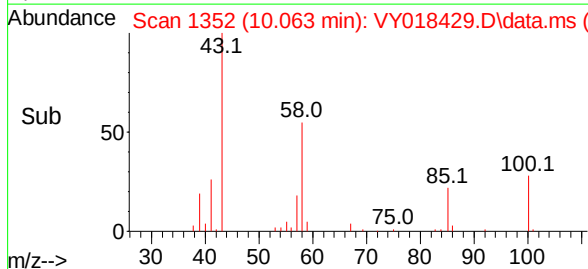
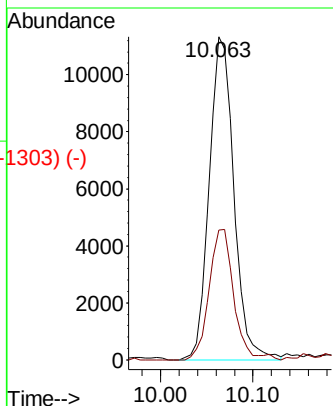
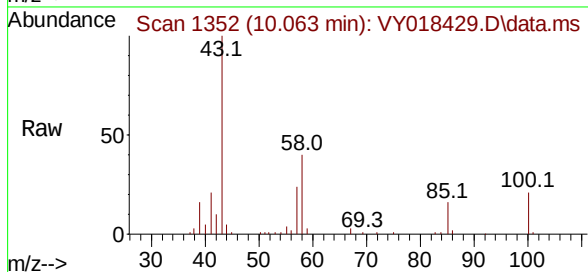
Time-->



4-Methyl-2-Pentanone
Concen: 23.333 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

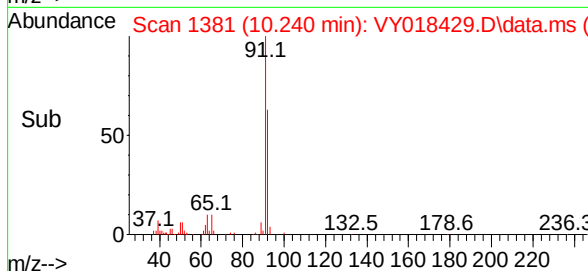
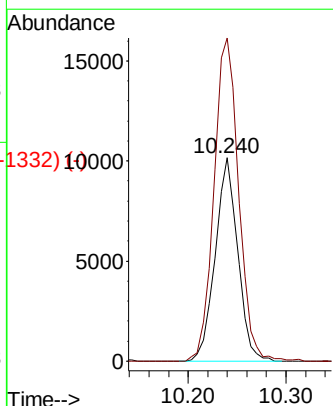
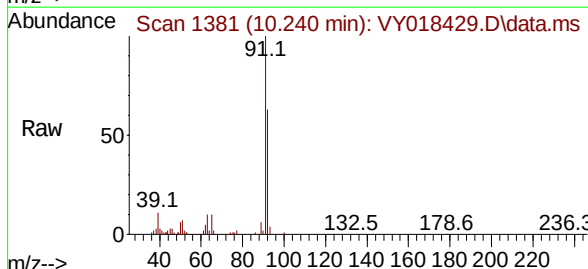
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

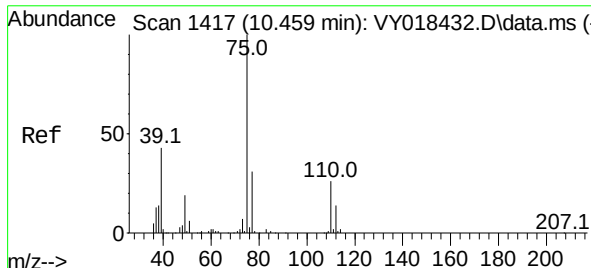
Tgt Ion: 43 Resp: 20973
Ion Ratio Lower Upper
43 100
58 40.2 35.7 53.5



Toluene
Concen: 4.753 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion: 92 Resp: 16232
Ion Ratio Lower Upper
92 100
91 173.6 139.0 208.6

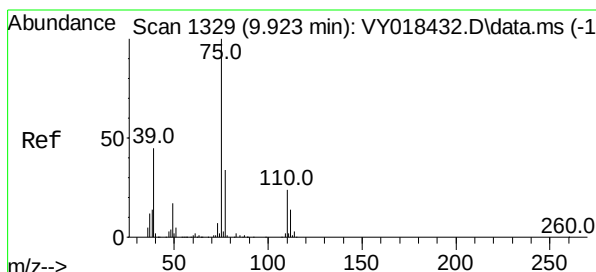
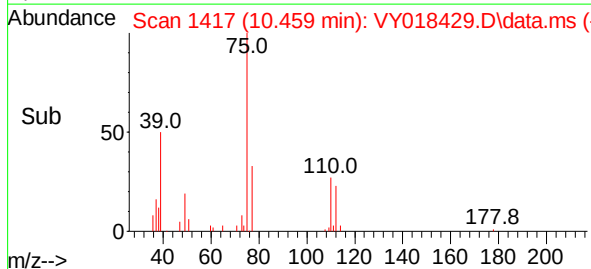
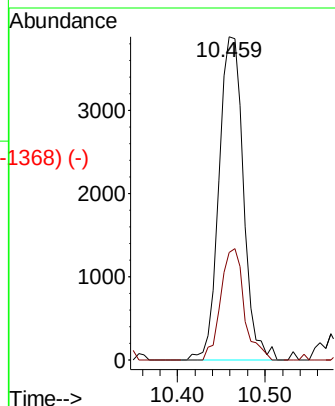
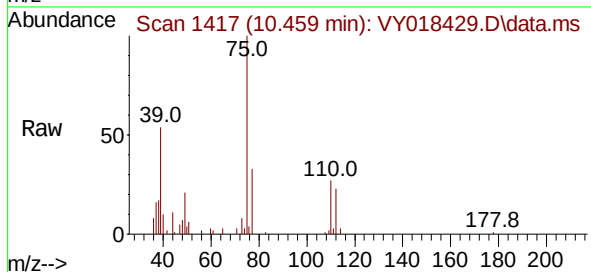




t-1,3-Dichloropropene
Concen: 4.703 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

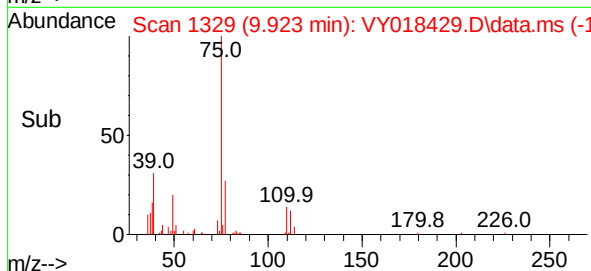
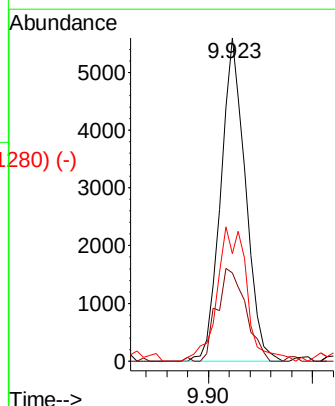
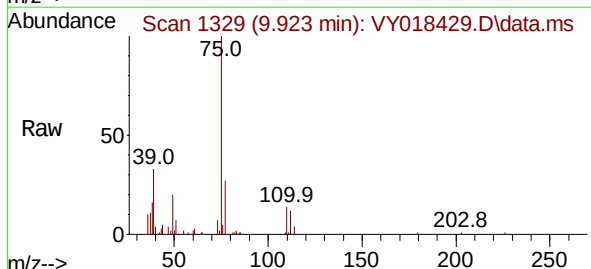
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

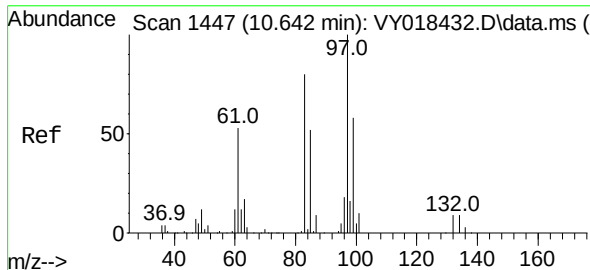
Tgt Ion: 75 Resp: 7548
Ion Ratio Lower Upper
75 100
77 33.2 24.1 36.1



cis-1,3-Dichloropropene
Concen: 4.709 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion: 75 Resp: 9305
Ion Ratio Lower Upper
75 100
77 27.4 25.4 38.0
39 33.3 29.8 44.6

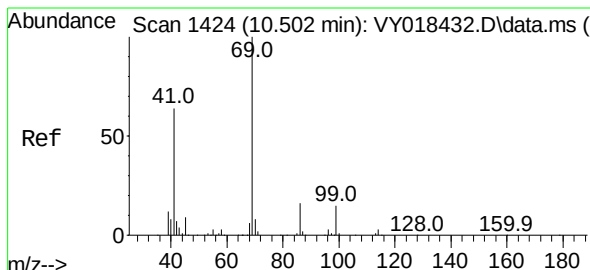
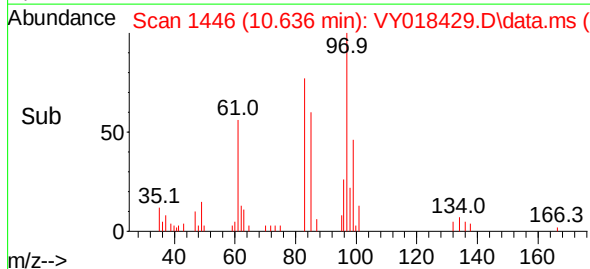
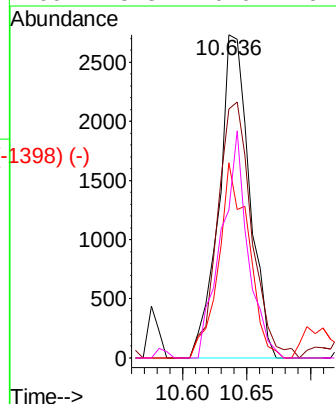
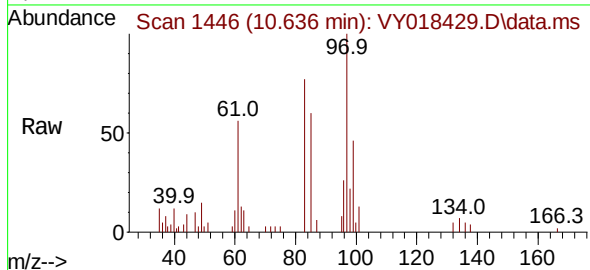




1,1,2-Trichloroethane
Concen: 4.769 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

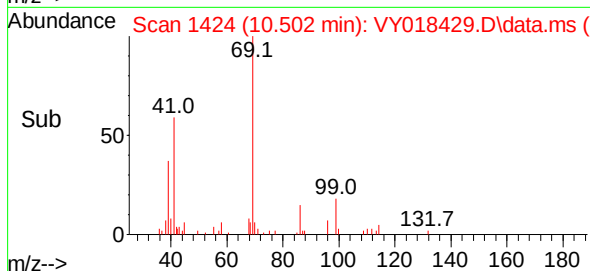
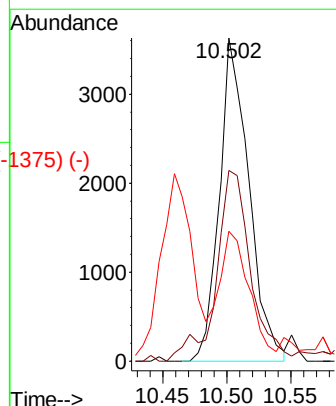
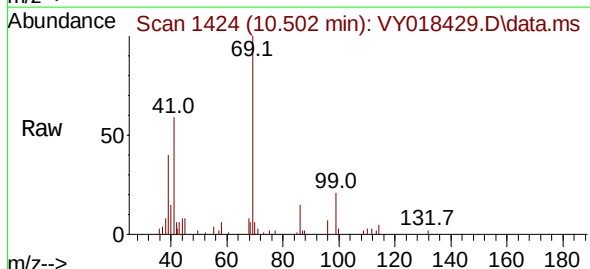
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

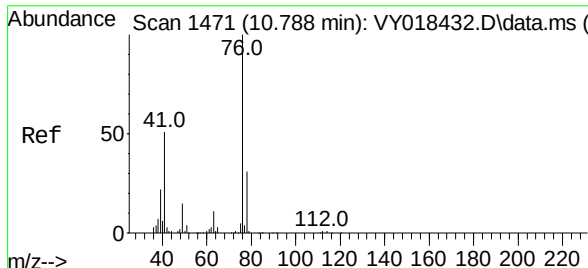
Tgt Ion:	97	Resp:	4517
Ion	Ratio	Lower	Upper
97	100		
83	77.1	67.5	101.3
85	60.4	42.9	64.3
99	45.8	46.6	70.0#



Ethyl methacrylate
Concen: 4.336 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:	69	Resp:	5780
Ion	Ratio	Lower	Upper
69	100		
41	68.3	42.3	63.5#
39	39.6	22.9	34.3#

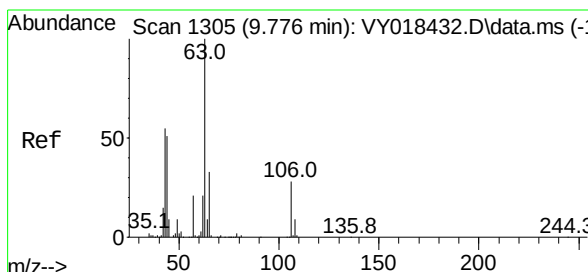
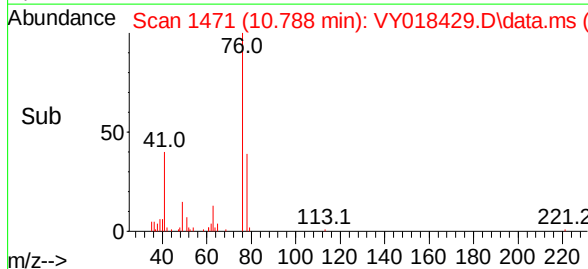
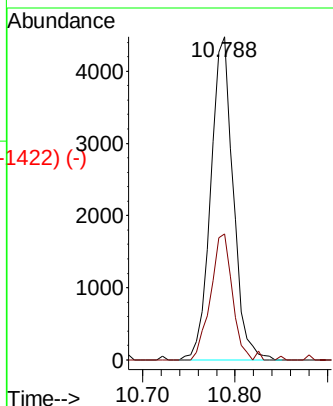
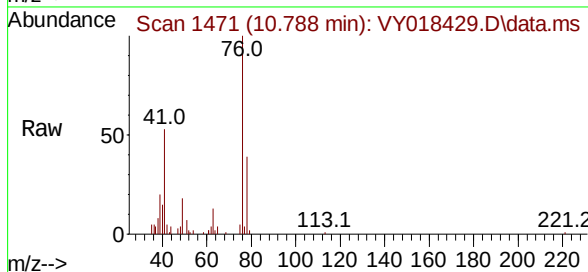




1,3-Dichloropropane
Concen: 4.680 ug/l
RT: 10.788 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

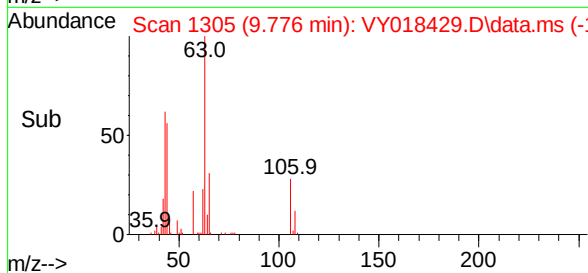
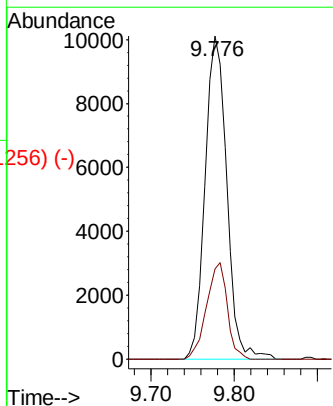
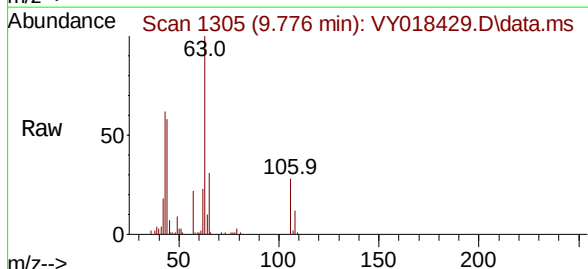
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

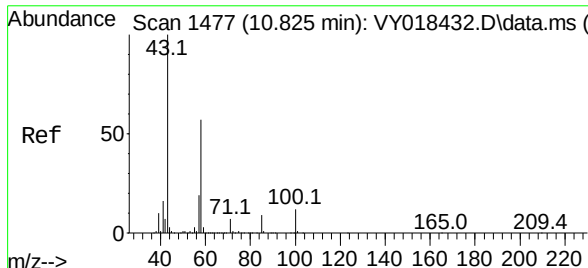
Tgt Ion: 76 Resp: 7525
Ion Ratio Lower Upper
76 100
78 37.4 26.2 39.4



2-Chloroethyl Vinyl ether
Concen: 25.449 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion: 63 Resp: 18216
Ion Ratio Lower Upper
63 100
106 28.5 23.7 35.5

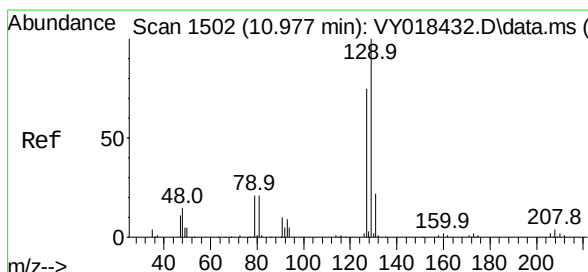
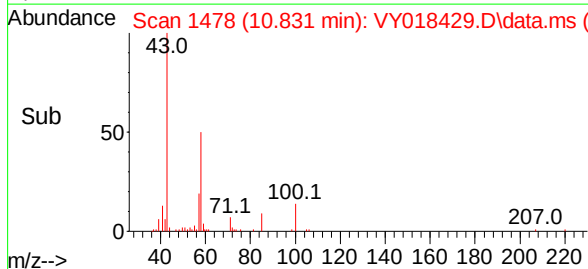
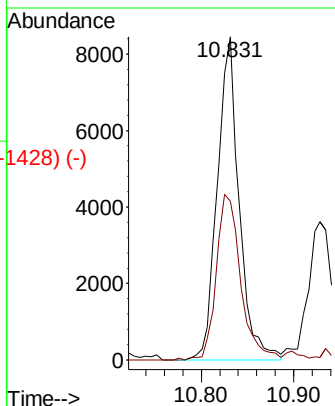
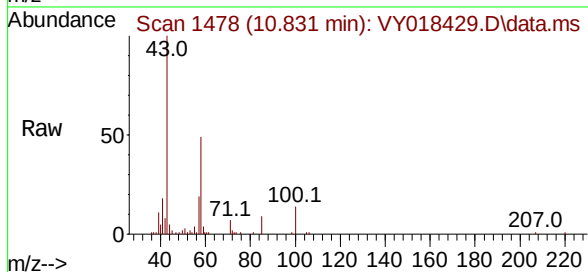




Scan 1477 (10.825 min): VY018432.D\data.ms (-1459) (-)
 2-Hexanone
 Concen: 22.363 ug/l
 RT: 10.831 min Scan# 1477
 Delta R.T. 0.006 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

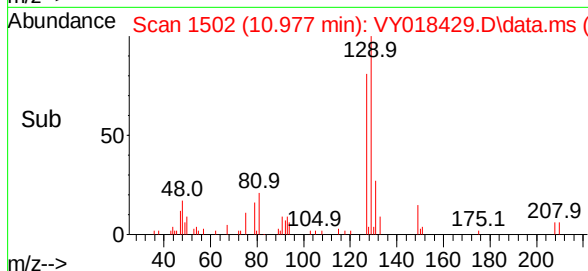
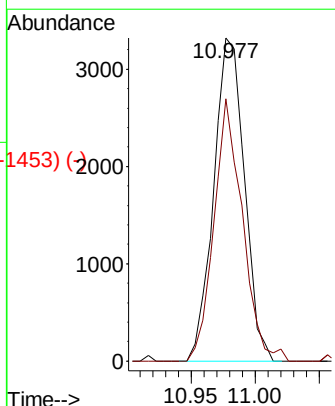
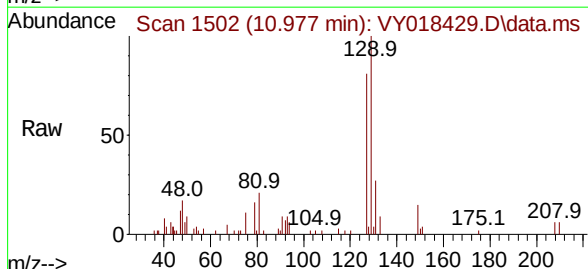
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

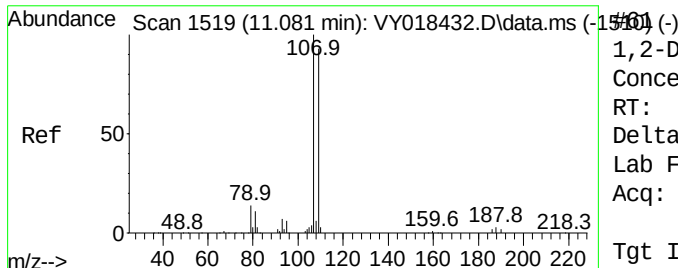
Tgt Ion: 43 Resp: 13891
 Ion Ratio Lower Upper
 43 100
 58 57.2 31.4 94.0



Scan 1502 (10.977 min): VY018432.D\data.ms (-1459) (-)
 Dibromochloromethane
 Concen: 4.774 ug/l
 RT: 10.977 min Scan# 1502
 Delta R.T. 0.000 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

Tgt Ion: 129 Resp: 5524
 Ion Ratio Lower Upper
 129 100
 127 75.3 39.0 117.0





1,2-Dibromoethane

Concen: 4.819 ug/l

RT: 11.087 min Scan#

Delta R.T. 0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

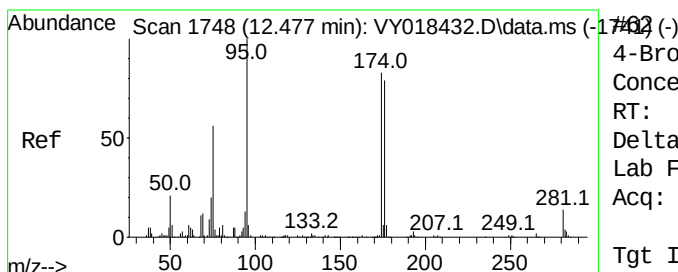
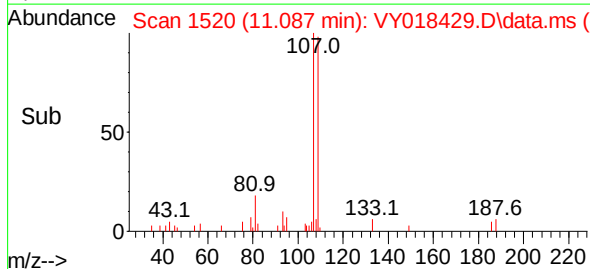
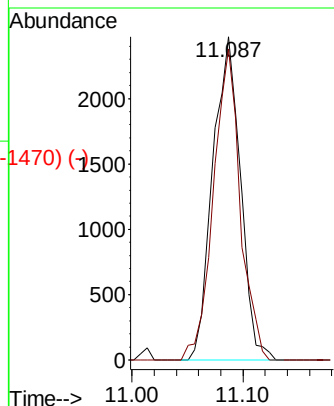
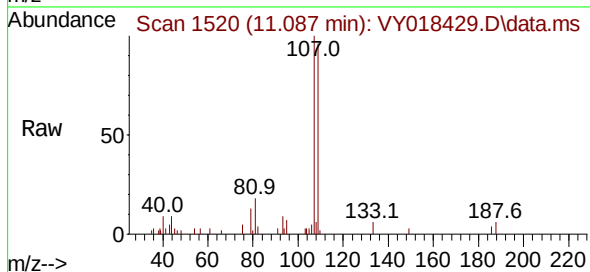
VSTDICC005

Tgt Ion:107 Resp: 4298

Ion Ratio Lower Upper

107 100

109 92.9 75.9 113.9



4-Bromofluorobenzene

Concen: 5.483 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

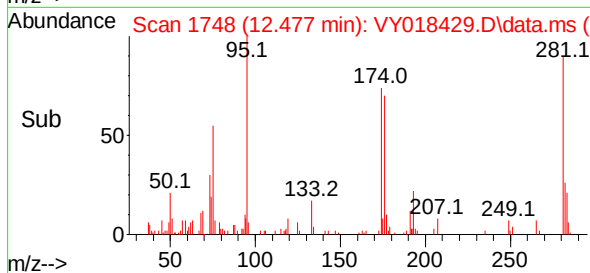
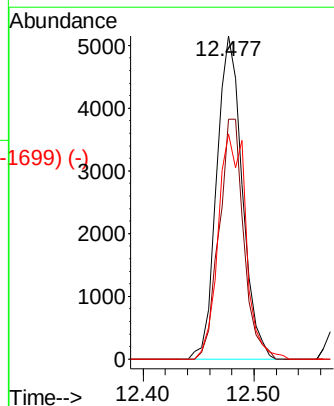
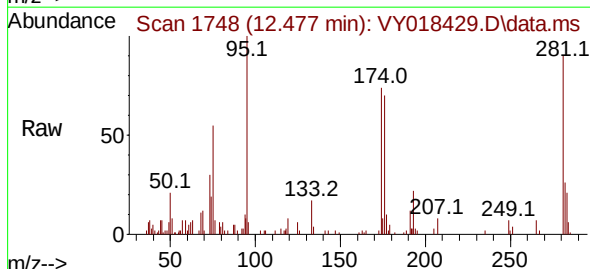
Tgt Ion: 95 Resp: 8255

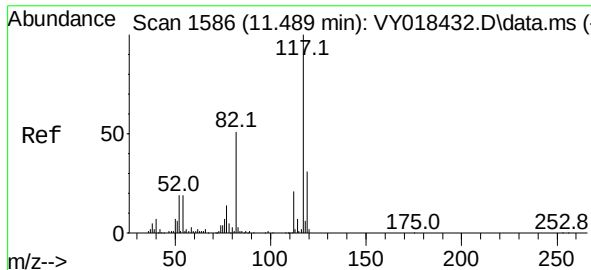
Ion Ratio Lower Upper

95 100

174 71.7 0.0 175.6

176 75.7 0.0 171.4

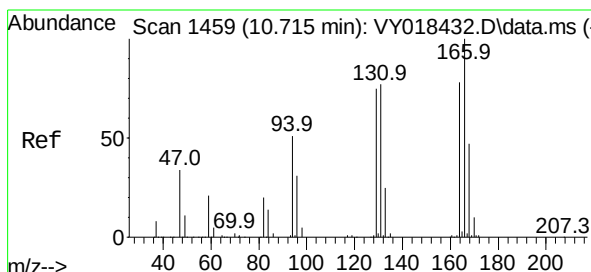
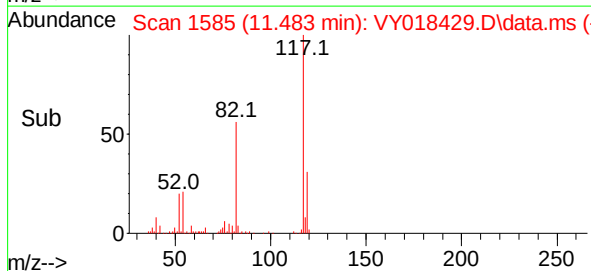
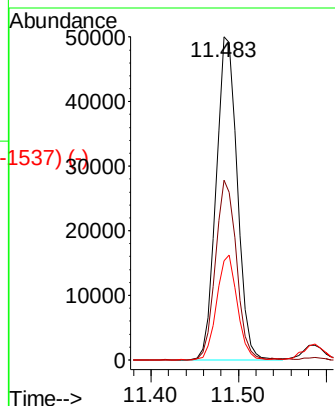
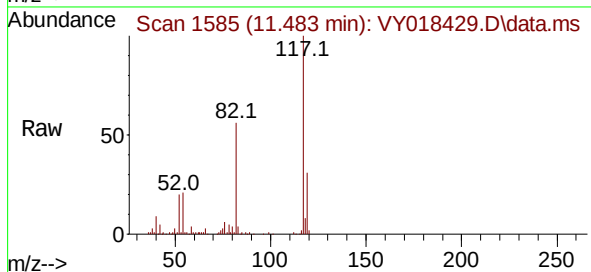




Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

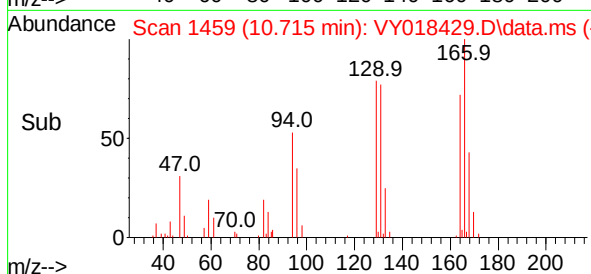
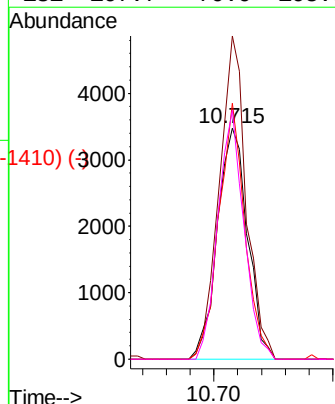
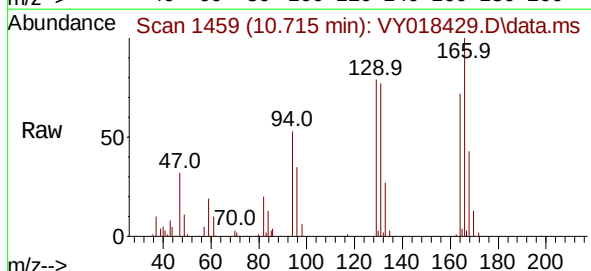
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

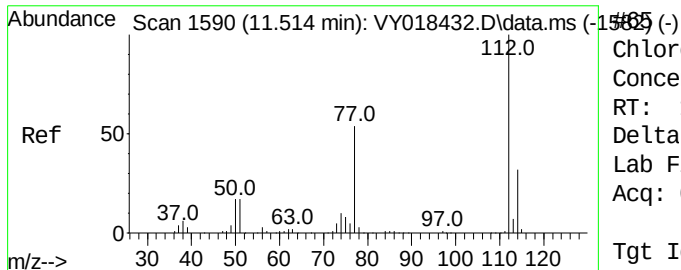
Tgt Ion:	117	Resp:	83834
Ion	Ratio	Lower	Upper
117	100		
82	55.7	42.4	63.6
119	30.6	25.9	38.9



Tetrachloroethene
Concen: 4.973 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:	164	Resp:	6141
Ion	Ratio	Lower	Upper
164	100		
166	139.8	102.6	154.0
129	110.6	72.0	108.0#
131	107.7	70.0	105.0#

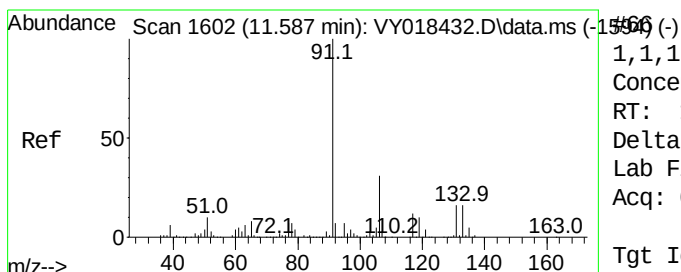
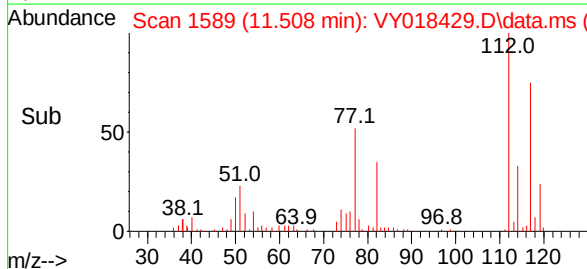
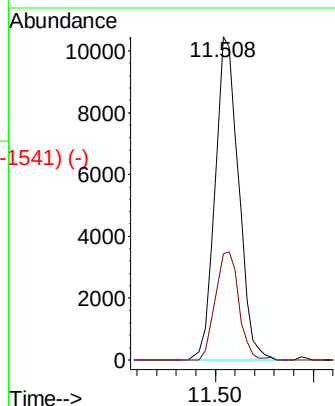
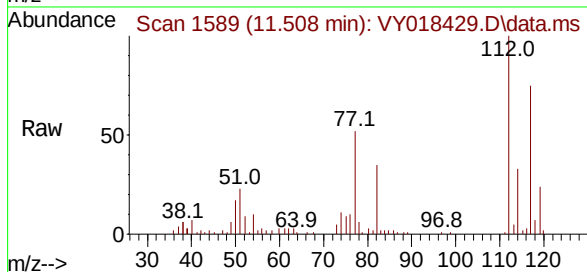




Chlorobenzene
Concen: 4.838 ug/l
RT: 11.508 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

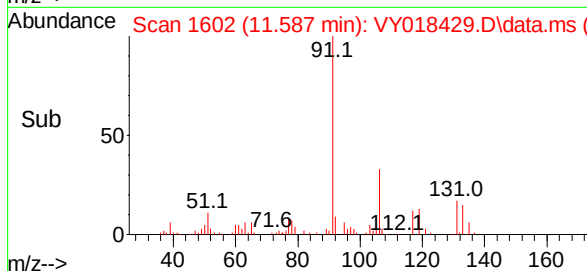
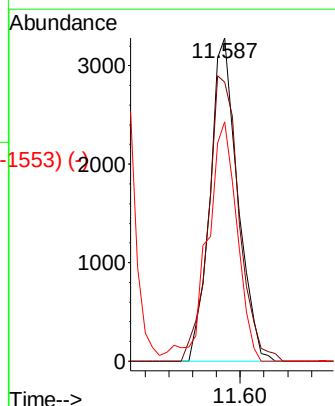
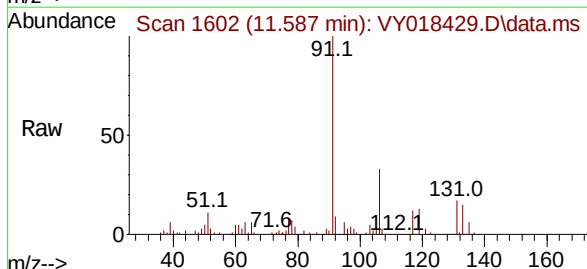
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

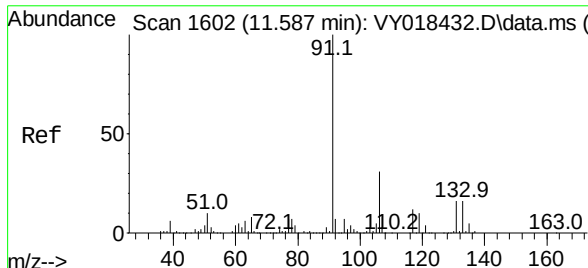
Tgt Ion:112 Resp: 17393
Ion Ratio Lower Upper
112 100
114 32.9 26.4 39.6



1,1,1,2-Tetrachloroethane
Concen: 4.561 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:131 Resp: 5302
Ion Ratio Lower Upper
131 100
133 97.6 47.8 143.3
119 79.1 34.1 102.2

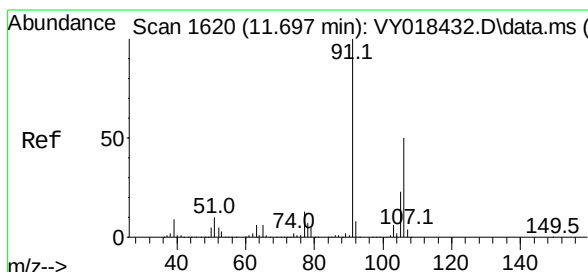
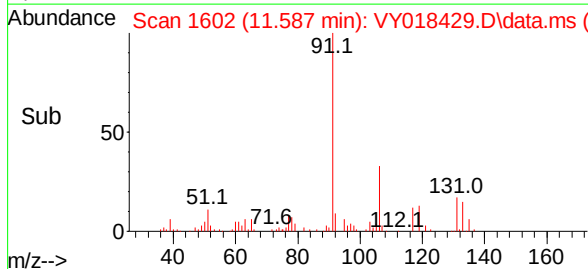
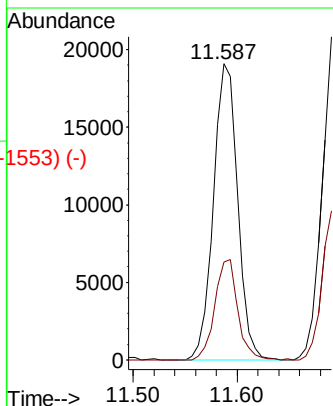
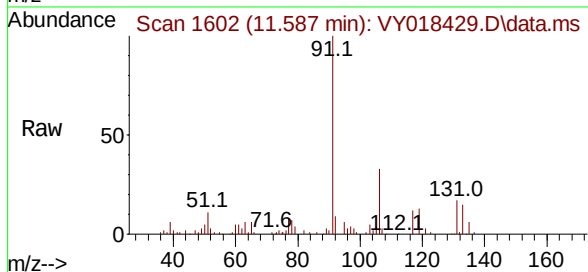




Ethyl Benzene
Concen: 4.756 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

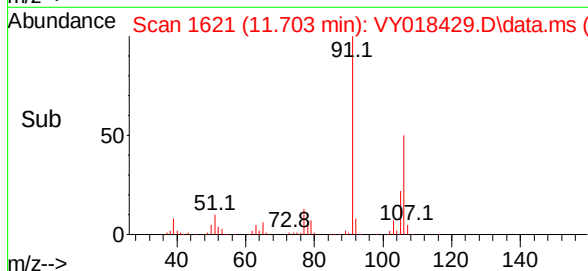
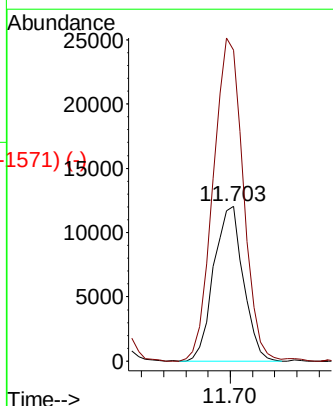
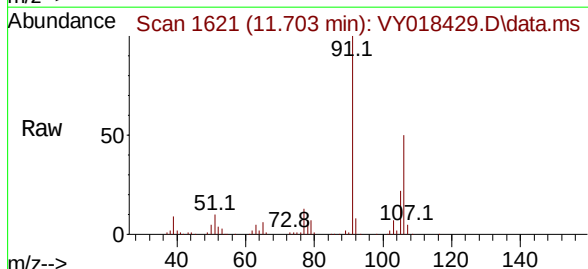
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

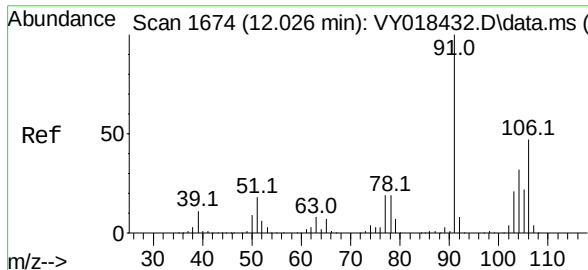
Tgt Ion: 91 Resp: 31124
Ion Ratio Lower Upper
91 100
106 33.1 24.5 36.7



m/p-Xylenes
Concen: 9.040 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:106 Resp: 22274
Ion Ratio Lower Upper
106 100
91 213.4 156.0 234.0

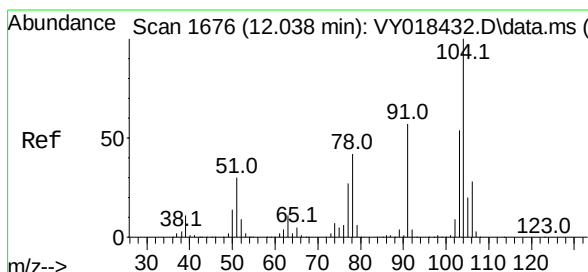
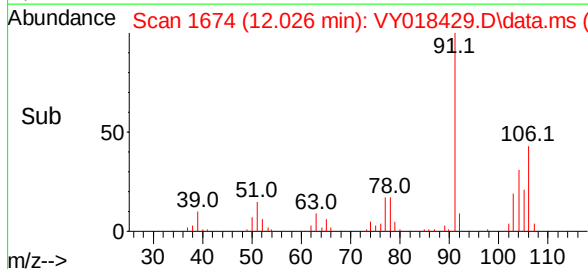
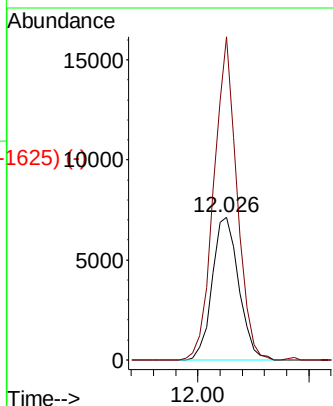
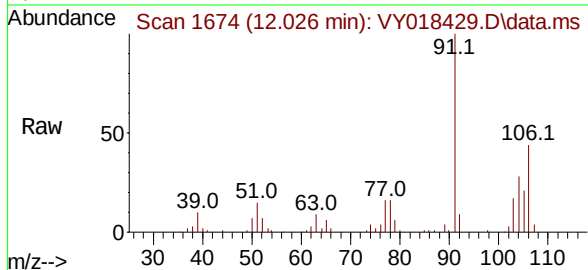




o-Xylene
Concen: 4.980 ug/l
RT: 12.026 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

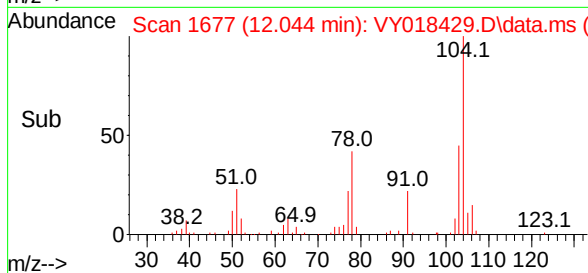
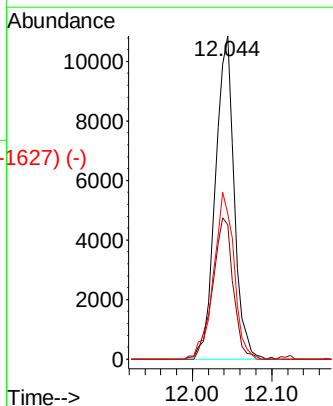
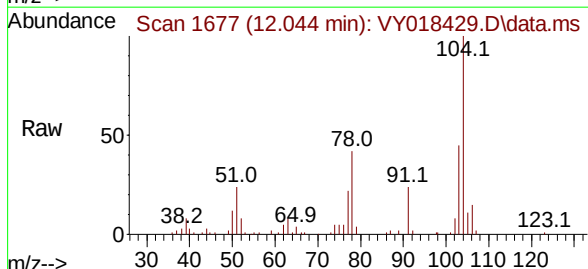
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

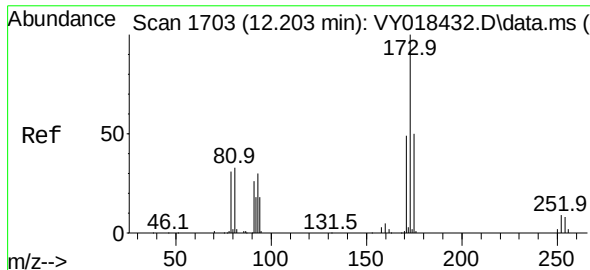
Tgt Ion:106 Resp: 11813
Ion Ratio Lower Upper
106 100
91 198.2 103.6 310.8



Styrene
Concen: 4.645 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:104 Resp: 18000
Ion Ratio Lower Upper
104 100
78 47.3 37.0 55.4
103 55.7 44.2 66.2

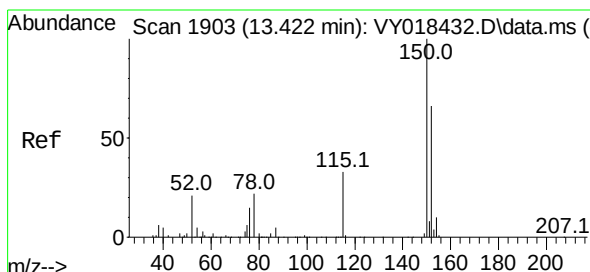
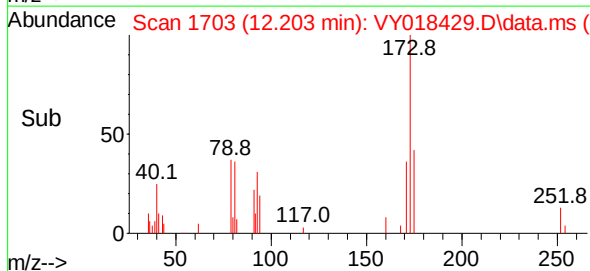
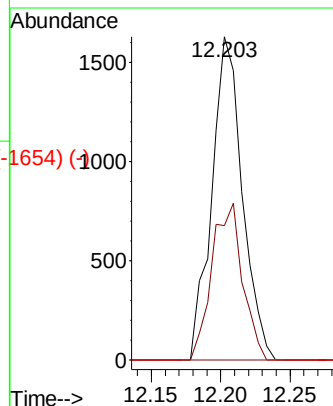
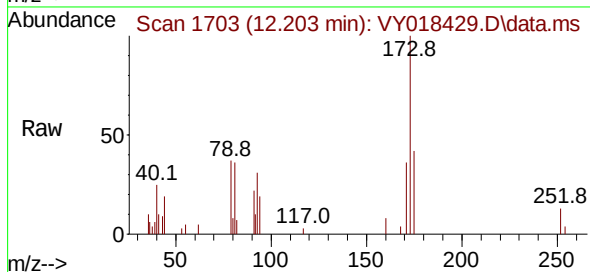




Bromoform
Concen: 4.056 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

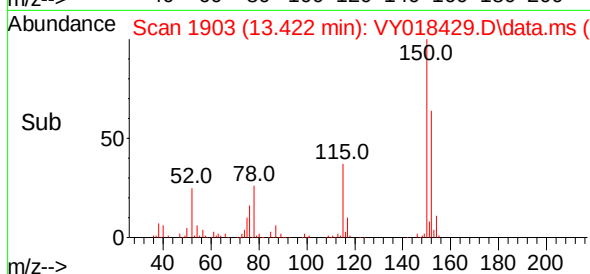
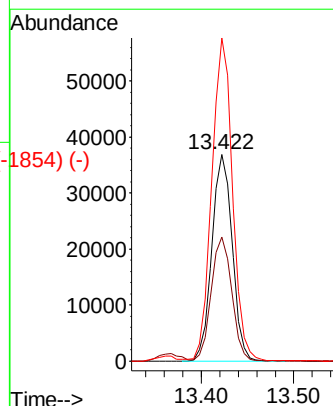
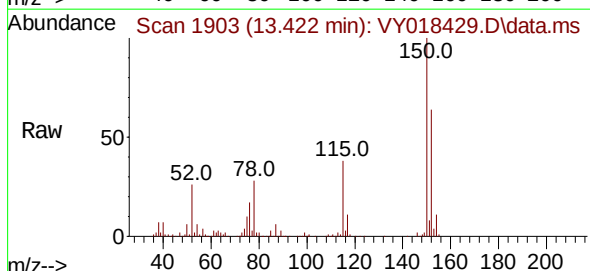
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	173	Resp:	2484
Ion	Ratio	Lower	Upper
173	100		
175	48.6	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: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:	152	Resp:	56281
Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.2	84.7
150	157.7	0.0	345.6



Abundance Scan 1723 (12.325 min): VY018432.D\data.ms (-1753 (-))

Isopropylbenzene

Concen: 4.900 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 28458

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.1

Abundance Scan 1723 (12.325 min): VY018429.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

30 40 50 60 70 80 90 100 110 120 130

38.1 51.1 77.0 91.0 105.1 120.1

m/z-->

30 40 50 60 70 80 90 100 110 120 130

Abundance Scan 1723 (12.325 min): VY018429.D\data.ms (-1674 (-))

Ref 50

Raw 50

Sub 50

m/z-->

30 40 50 60 70 80 90 100 110 120 130

52.9 79.0 105.1 120.1

m/z-->

30 40 50 60 70 80 90 100 110 120 130

Abundance

12.325

15000

10000

5000

0

Time-->

12.30 12.40

Abundance Scan 1693 (12.142 min): VY018432.D\data.ms (-1664 (-))

N-amil acetate

Concen: 4.662 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Tgt Ion: 43 Resp: 6590

Ion Ratio Lower Upper

43 100

70 44.7 41.4 62.2

55 24.2 23.3 34.9

61 25.7 22.6 33.8

Abundance Scan 1693 (12.142 min): VY018429.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

30 40 50 60 70 80 90 100 110

43.1 55.1 70.1 87.2

m/z-->

30 40 50 60 70 80 90 100 110

Abundance Scan 1693 (12.142 min): VY018429.D\data.ms (-1644 (-))

Ref 50

Raw 50

Sub 50

m/z-->

30 40 50 60 70 80 90 100 110

43.1 55.1 70.1 87.2

m/z-->

30 40 50 60 70 80 90 100 110

Abundance

12.142

4000

3000

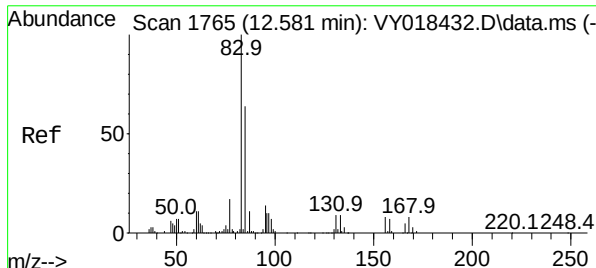
2000

1000

0

Time-->

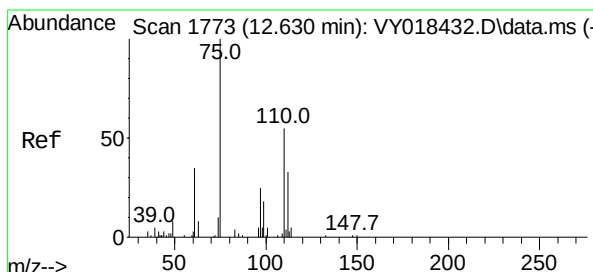
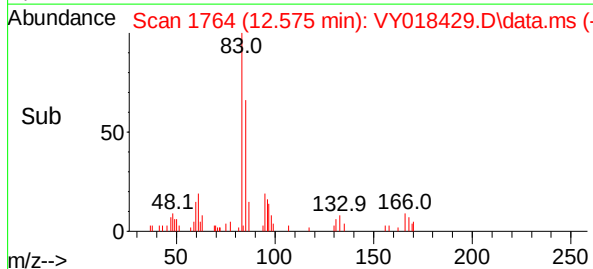
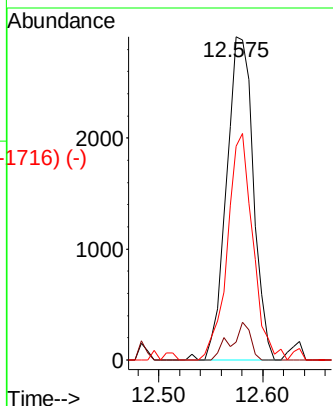
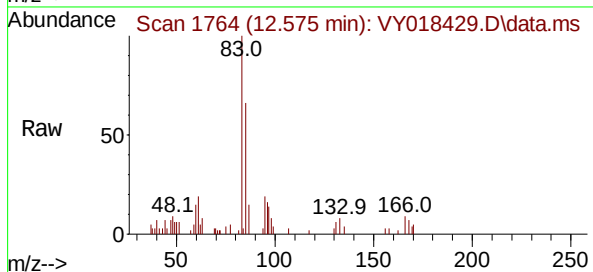
12.10 12.20



1,1,2,2-Tetrachloroethane
Concen: 5.149 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

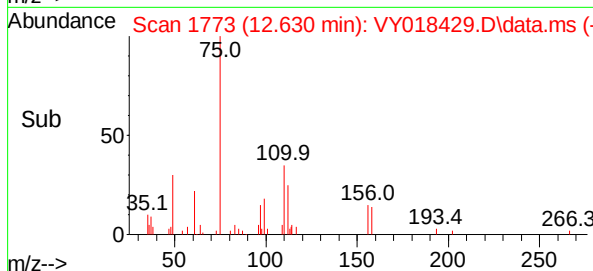
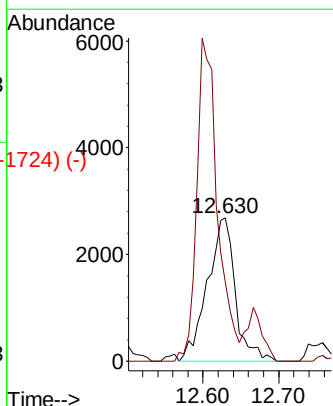
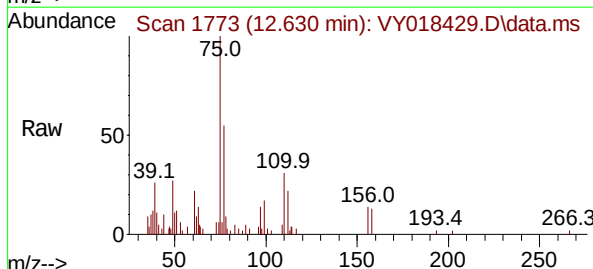
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	83	Resp:	5264
Ion	Ratio	Lower	Upper
83	100		
131	8.5	5.0	14.9
85	66.4	32.0	96.0



1,2,3-Trichloropropane
Concen: 9.822 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:	75	Resp:	6819
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Scan 1769 (12.605 min): VY018432.D\data.ms (-1769) (-)

Bromobenzene

Concen: 4.723 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:156 Resp: 5824

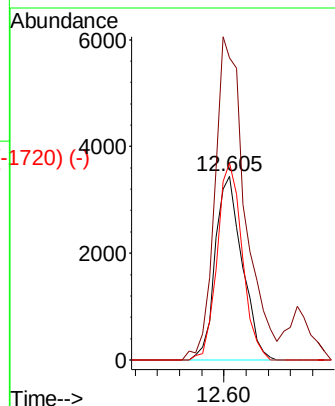
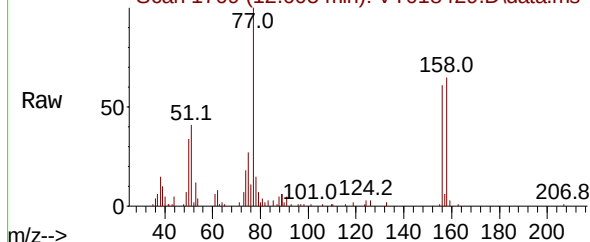
Ion Ratio Lower Upper

156 100

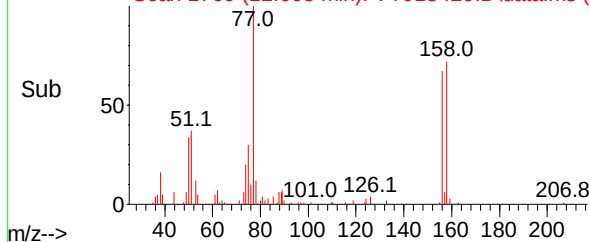
77 197.1 87.1 261.3

158 99.9 48.6 145.9

Abundance Scan 1769 (12.605 min): VY018429.D\data.ms



Abundance Scan 1769 (12.605 min): VY018429.D\data.ms (-1720) (-)



Abundance Scan 1779 (12.666 min): VY018432.D\data.ms (-1779) (-)

n-propylbenzene

Concen: 4.953 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

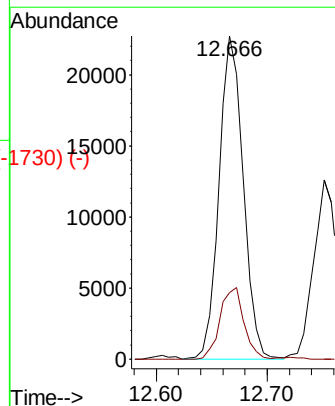
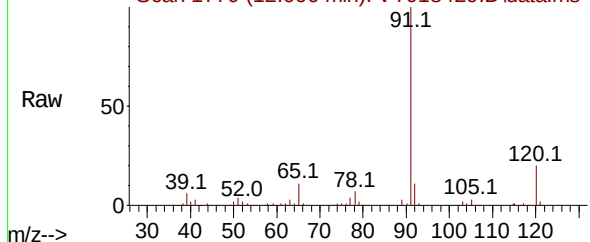
Tgt Ion: 91 Resp: 34523

Ion Ratio Lower Upper

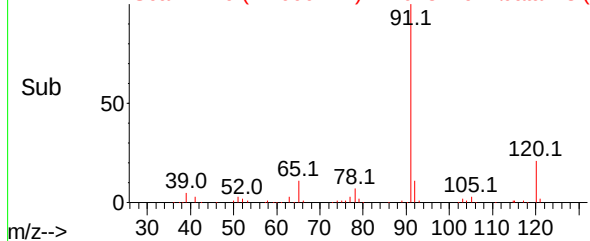
91 100

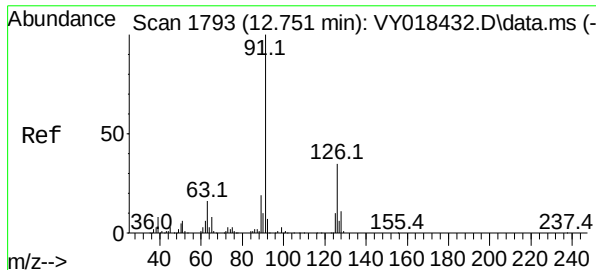
120 21.9 11.5 34.4

Abundance Scan 1779 (12.666 min): VY018429.D\data.ms



Abundance Scan 1779 (12.666 min): VY018429.D\data.ms (-1730) (-)

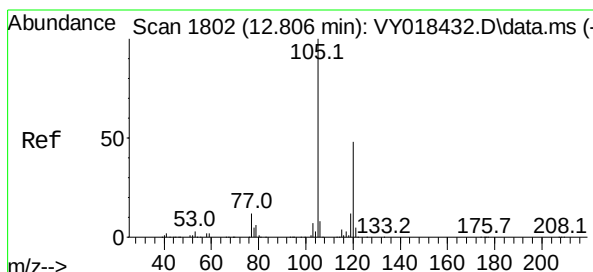
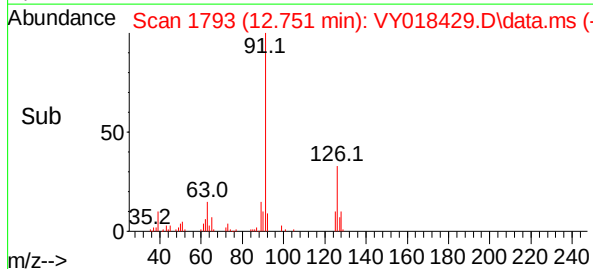
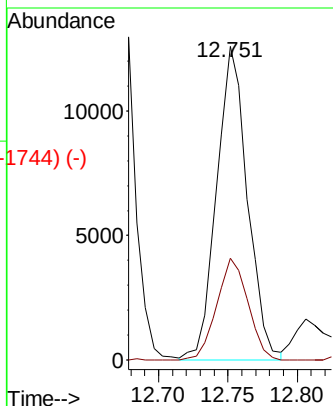
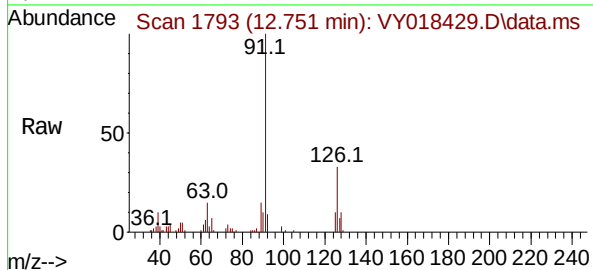




2-Chlorotoluene
Concen: 5.127 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

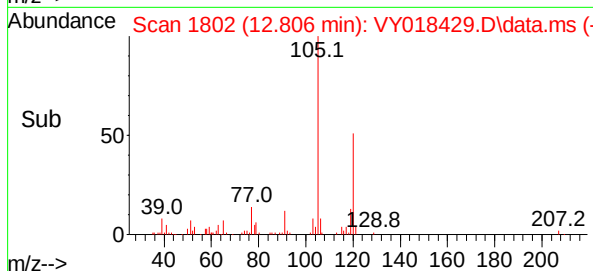
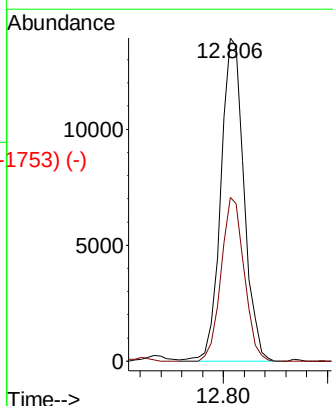
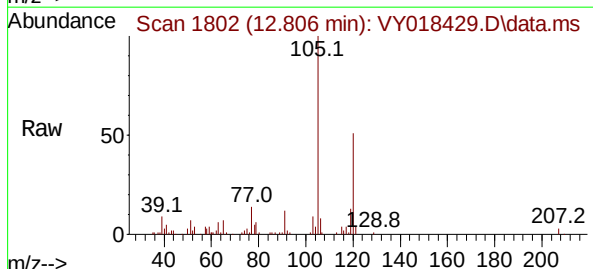
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

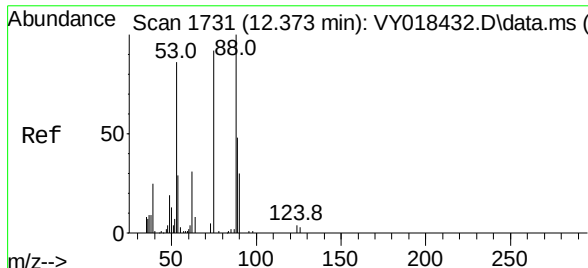
Tgt Ion: 91 Resp: 19429
Ion Ratio Lower Upper
91 100
126 32.8 17.8 53.5



1,3,5-Trimethylbenzene
Concen: 4.801 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion: 105 Resp: 21716
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

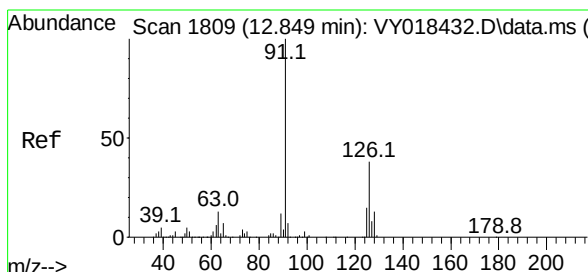
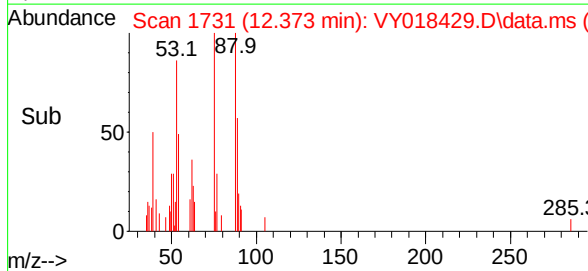
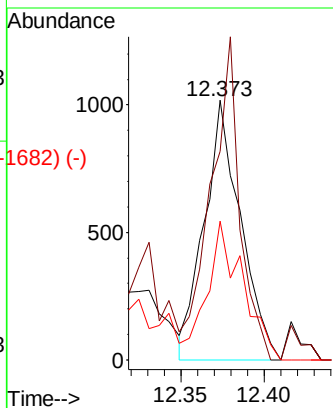
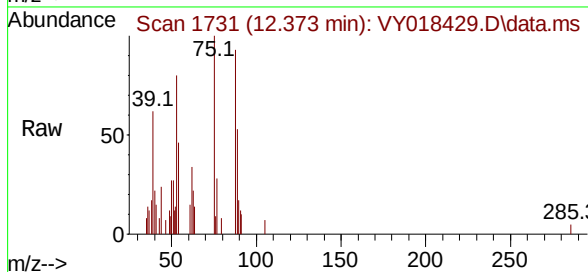




trans-1,4-Dichloro-2-butene
 Concen: 4.651 ug/l
 RT: 12.373 min Scan# 1731
 Delta R.T. 0.000 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

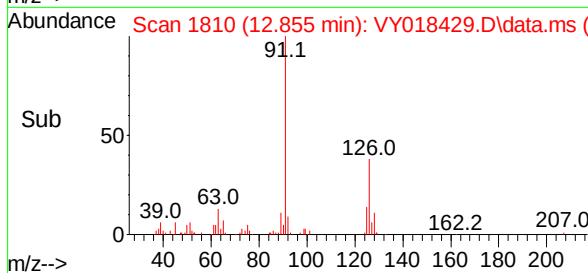
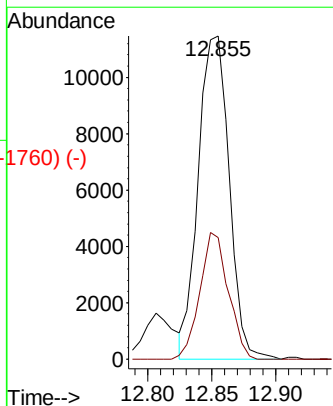
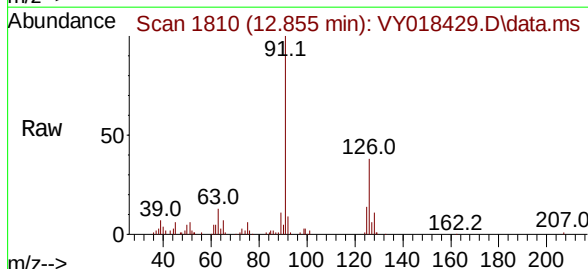
Instrument : MSVOA_Y
 ClientSampleId : VSTDIC005

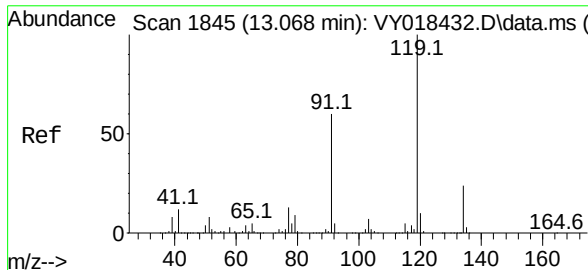
Tgt Ion:	75	Resp:	1545
Ion	Ratio	Lower	Upper
75	100		
53	99.5	66.8	100.2
89	52.6	35.8	53.6



4-Chlorotoluene
 Concen: 5.052 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.006 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

Tgt Ion:	91	Resp:	19265
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.6	52.9

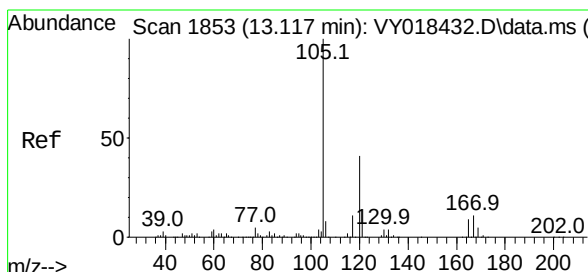
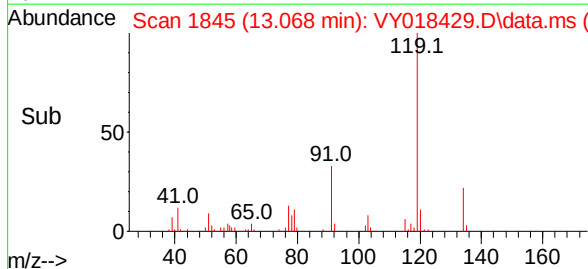
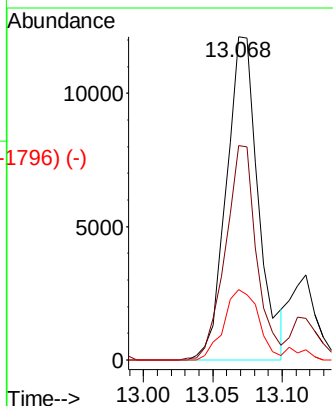
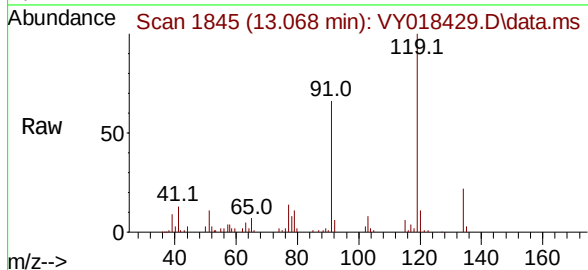




#83 (-)
tert-Butylbenzene
Concen: 4.666 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

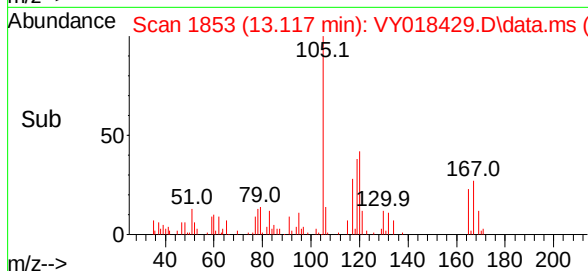
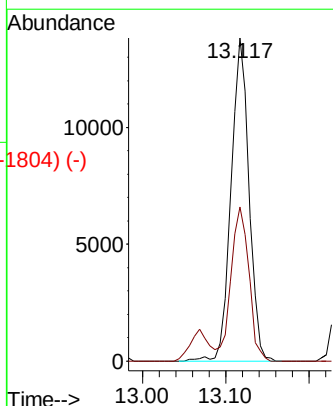
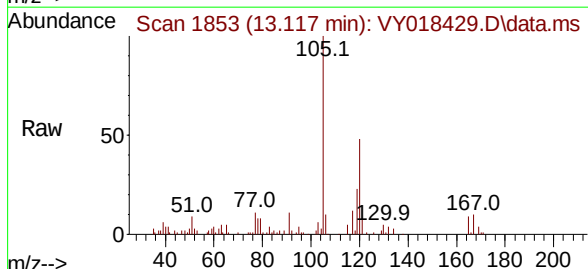
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

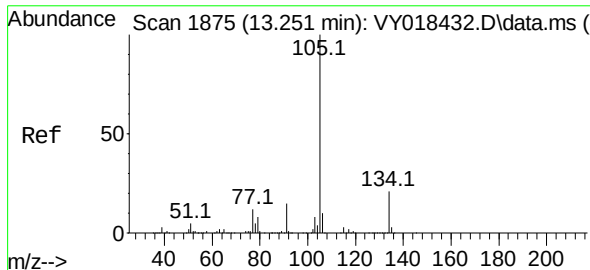
Tgt Ion:	119	Resp:	19519
Ion	Ratio	Lower	Upper
119	100		
91	64.6	31.3	93.8
134	23.6	13.4	40.1



#84 (-)
1,2,4-Trimethylbenzene
Concen: 4.707 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:	105	Resp:	20843
Ion	Ratio	Lower	Upper
105	100		
120	47.9	23.2	69.6

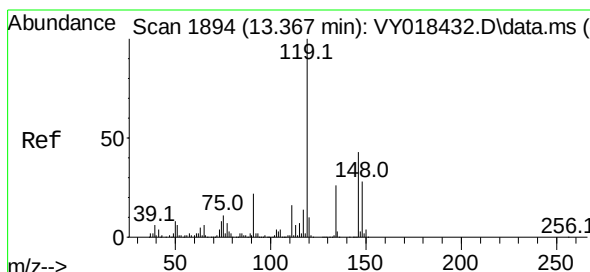
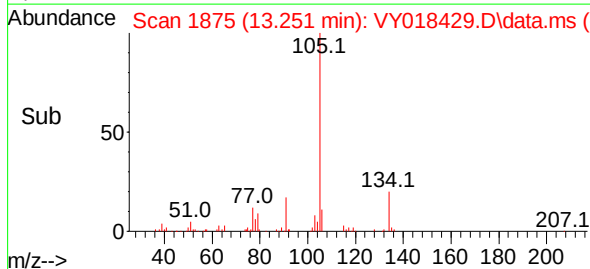
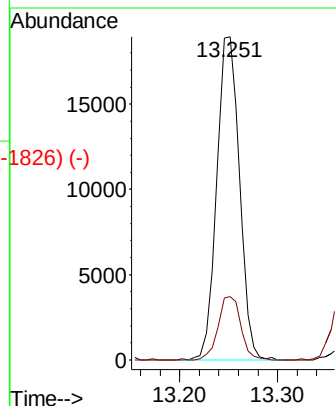
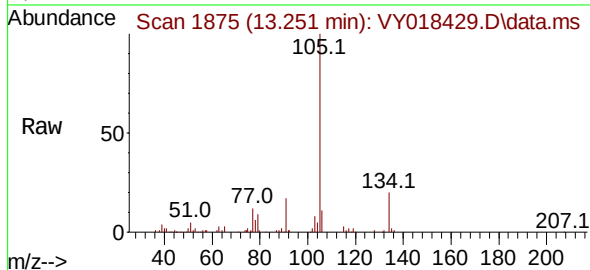




sec-Butylbenzene
Concen: 4.956 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

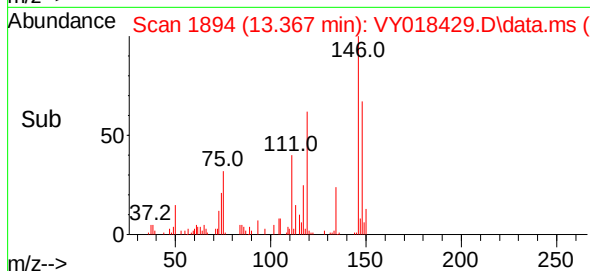
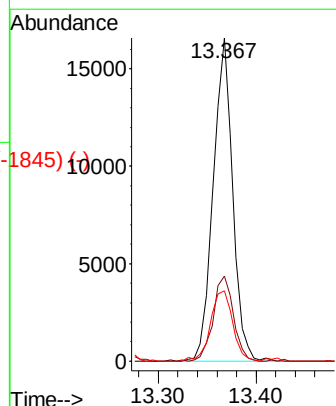
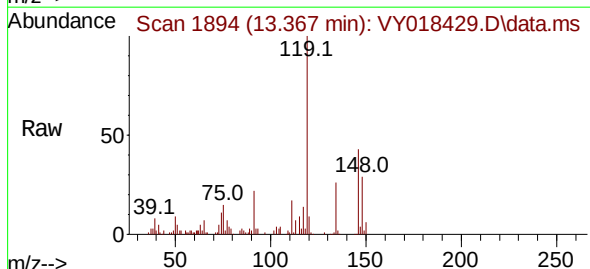
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

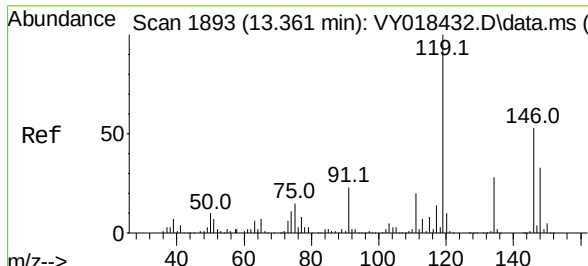
Tgt Ion:105 Resp: 30530
Ion Ratio Lower Upper
105 100
134 19.6 10.1 30.1



p-Isopropyltoluene
Concen: 4.597 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:119 Resp: 22853
Ion Ratio Lower Upper
119 100
134 27.5 13.1 39.3
91 24.7 10.7 32.1

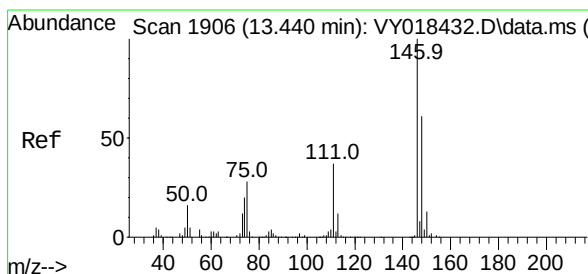
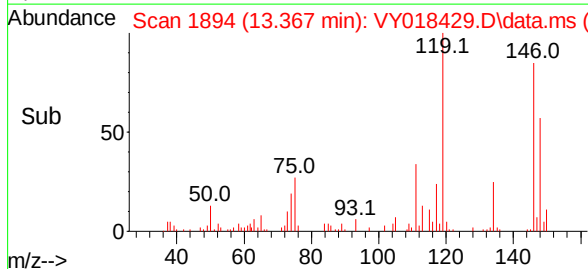
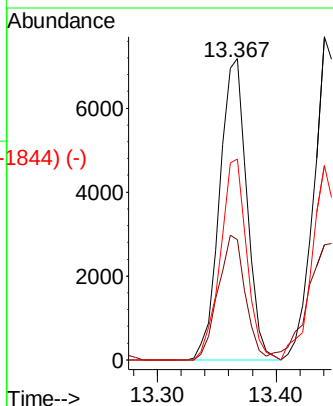
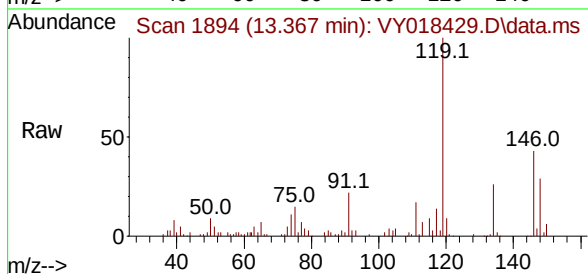




Scan 1893 (13.361 min): VY018432.D\data.ms (-1857) (-)
 1,3-Dichlorobenzene
 Concen: 4.712 ug/l
 RT: 13.367 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

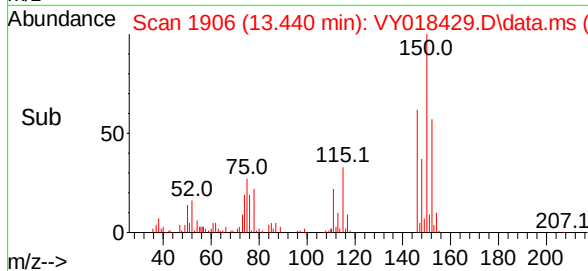
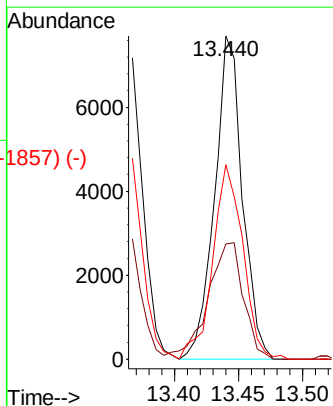
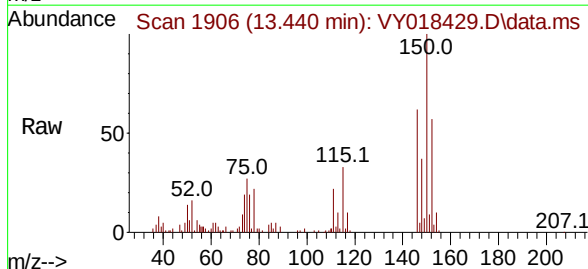
Instrument : MSVOA_Y
 ClientSampleId : VSTDIC005

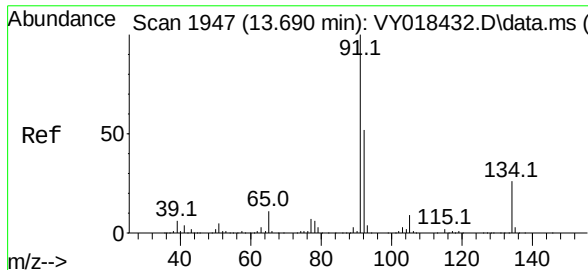
Tgt Ion:	146	Resp:	11462
Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.0	57.0
148	64.6	31.7	95.1



Scan 1906 (13.440 min): VY018432.D\data.ms (-1908) (-)
 1,4-Dichlorobenzene
 Concen: 4.837 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

Tgt Ion:	146	Resp:	11558
Ion	Ratio	Lower	Upper
146	100		
111	46.3	18.4	55.4
148	65.4	32.4	97.2

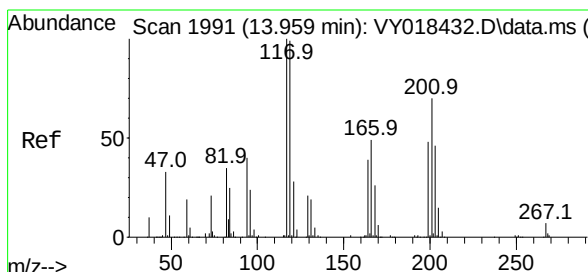
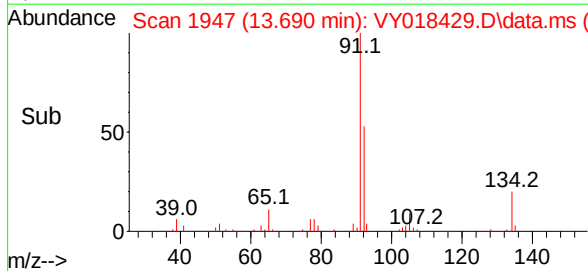
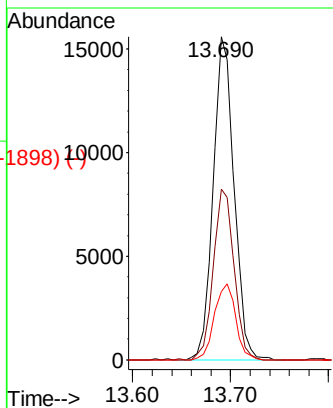
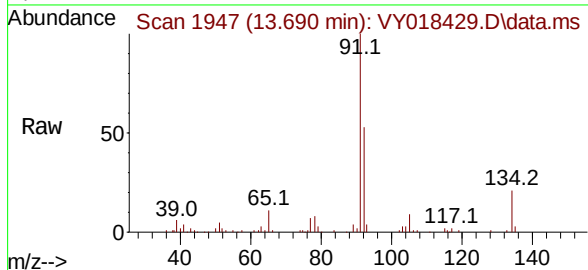




n-Butylbenzene
Concen: 4.870 ug/l
RT: 13.690 min Scan# 1939
Delta R.T. 0.000 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

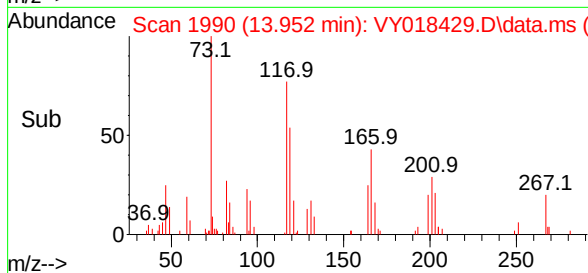
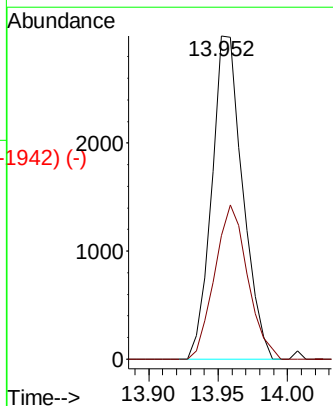
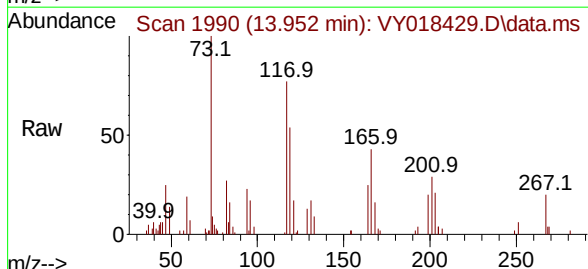
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	91	Resp:	23008
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.7
134	24.1	12.9	38.7



Hexachloroethane
Concen: 4.951 ug/l
RT: 13.952 min Scan# 1990
Delta R.T. -0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:	117	Resp:	4614
Ion	Ratio	Lower	Upper
117	100		
201	51.1	37.4	112.2



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

1,2-Dichlorobenzene

Concen: 4.854 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 10275

Ion Ratio Lower Upper

146 100

111 40.3 19.9 59.7

148 63.8 31.8 95.4

Abundance Scan 1955 (13.739 min): VY018429.D\data.ms

Ref

50.0 75.0 111.0 146.0

m/z-->

Raw

50.0 75.0 110.9 146.0

m/z-->

Abundance Scan 1955 (13.739 min): VY018429.D\data.ms (-1905) (-)

Sub

35.0 56.0 91.0 112.1 146.0

m/z-->

Abundance

13.739

6000

4000

2000

0

Time-->

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

1,2-Dibromo-3-Chloropropane

Concen: 6.318 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VY018429.D

Acq: 03 Jun 2024 10:14

Tgt Ion: 75 Resp: 983

Ion Ratio Lower Upper

75 100

155 53.0 48.6 145.8

157 69.8 62.7 188.2

Abundance Scan 2056 (14.355 min): VY018429.D\data.ms

Ref

39.0 74.9 157.0 184.8 219.1

m/z-->

Raw

39.1 74.9 118.8 155.0

m/z-->

Abundance Scan 2056 (14.355 min): VY018429.D\data.ms (-2006) (-)

Sub

39.0 74.9 118.8 155.0

m/z-->

Abundance

14.355

500

400

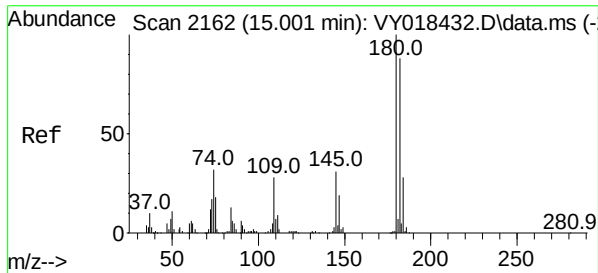
300

200

100

0

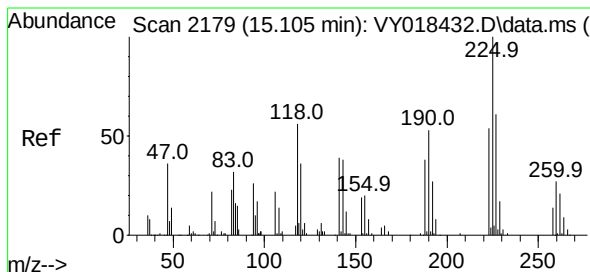
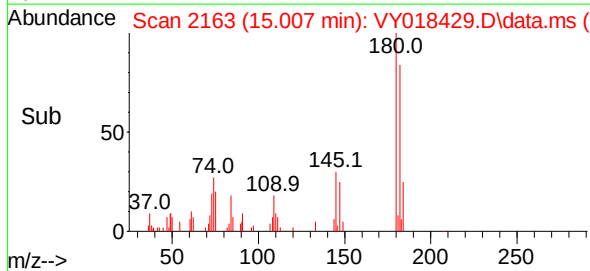
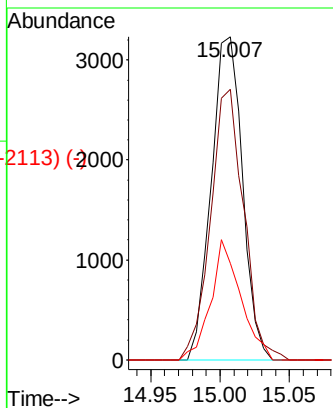
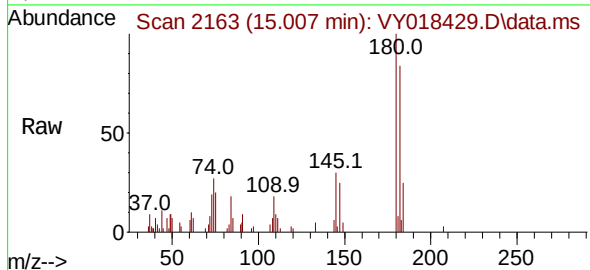
Time-->



Scan 2162 (15.001 min): VY018432.D\data.ms (-2163) (-)
 1,2,4-Trichlorobenzene
 Concen: 4.408 ug/l
 RT: 15.007 min Scan# 2162
 Delta R.T. 0.006 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

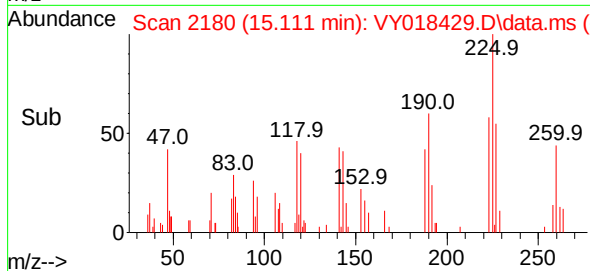
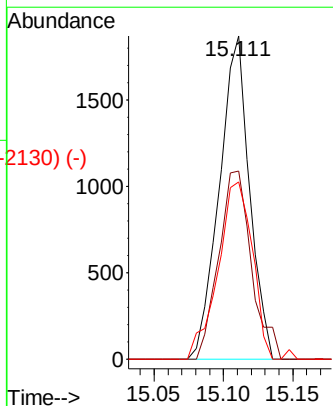
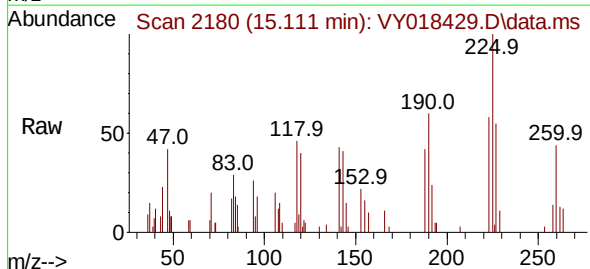
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

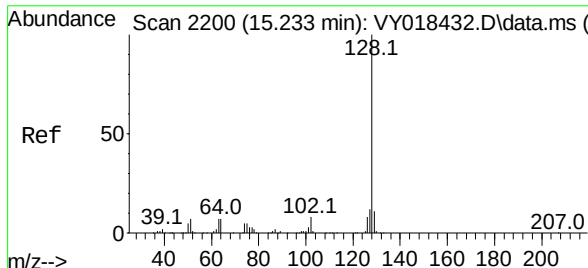
Tgt Ion:	180	Resp:	5046
Ion Ratio	Lower	Upper	
180	100		
182	88.6	47.9	143.8
145	35.6	14.2	42.6



Scan 2179 (15.105 min): VY018432.D\data.ms (-2180) (-)
 Hexachlorobutadiene
 Concen: 4.645 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. 0.006 min
 Lab File: VY018429.D
 Acq: 03 Jun 2024 10:14

Tgt Ion:	225	Resp:	2824
Ion Ratio	Lower	Upper	
225	100		
223	63.2	30.4	91.2
227	62.4	31.9	95.9

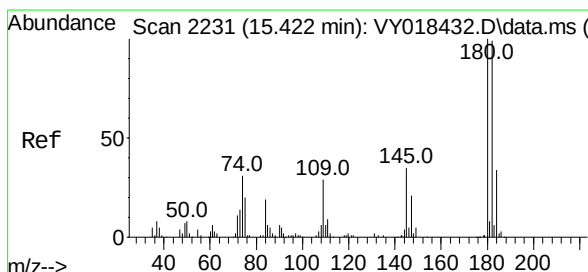
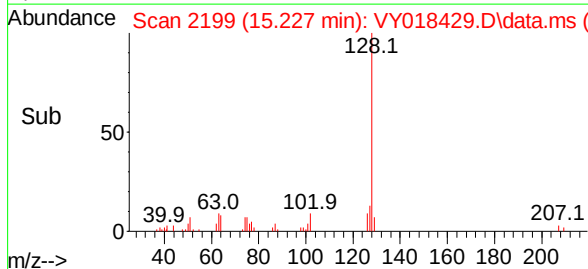
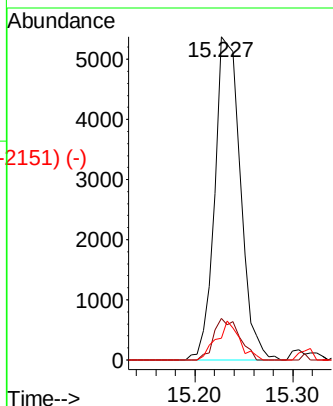
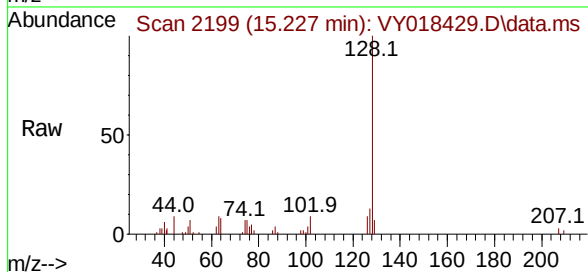




#95 (-)
Naphthalene
Concen: 4.261 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:	128	Resp:	9797
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.8	8.6	13.0



#96 (-)
1,2,3-Trichlorobenzene
Concen: 4.380 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY018429.D
Acq: 03 Jun 2024 10:14

Tgt Ion:	180	Resp:	4242
Ion	Ratio	Lower	Upper
180	100		
182	85.6	47.6	142.9
145	28.7	15.4	46.1

