

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016732.D
 Acq On : 20 Dec 2023 18:32
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 21 00:56:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 00:33:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	160936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	274239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	238380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	32266	21.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	43.920%#
35) Dibromofluoromethane	7.728	113	33984	21.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.260%#
50) Toluene-d8	10.185	98	117755	20.794	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	41.580%#
62) 4-Bromofluorobenzene	12.489	95	40202	21.882	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30876	22.450	ug/l	96
3) Chloromethane	2.119	50	43452	20.554	ug/l	98
4) Vinyl Chloride	2.253	62	50579	21.181	ug/l	94
5) Bromomethane	2.649	94	35769	21.031	ug/l	93
6) Chloroethane	2.796	64	34354	21.232	ug/l	99
7) Trichlorofluoromethane	3.131	101	59839	21.511	ug/l	100
8) Diethyl Ether	3.533	74	19132	21.500	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	36812	21.573	ug/l	99
10) Methyl Iodide	4.094	142	37067	20.846	ug/l	99
11) Tert butyl alcohol	4.966	59	15537	129.125	ug/l	98
12) 1,1-Dichloroethene	3.881	96	32749	21.555	ug/l	97
13) Acrolein	3.741	56	14221	123.526	ug/l	97
14) Allyl chloride	4.491	41	50698	21.786	ug/l	99
15) Acrylonitrile	5.173	53	45271	120.132	ug/l	100
16) Acetone	3.954	43	52206	131.408	ug/l	95
17) Carbon Disulfide	4.204	76	84920	20.542	ug/l	98
18) Methyl Acetate	4.485	43	33923	21.850	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	87906	22.486	ug/l	96
20) Methylene Chloride	4.728	84	50150	22.722	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	37249	21.497	ug/l	95
22) Diisopropyl ether	6.124	45	120173	22.826	ug/l	97
23) Vinyl Acetate	6.070	43	295717	118.762	ug/l	99
24) 1,1-Dichloroethane	6.027	63	69575	21.999	ug/l	96
25) 2-Butanone	6.990	43	70254	128.439	ug/l	99
26) 2,2-Dichloropropane	6.990	77	58174	21.079	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	43839	21.983	ug/l	98
28) Bromochloromethane	7.344	49	25838	20.642	ug/l	99
29) Tetrahydrofuran	7.356	42	36935	123.492	ug/l	99
30) Chloroform	7.514	83	71151	21.977	ug/l	97
31) Cyclohexane	7.795	56	58156	20.660	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	61151	21.518	ug/l	99
36) 1,1-Dichloropropene	7.923	75	53875	21.392	ug/l	99
37) Ethyl Acetate	7.082	43	26382	23.935	ug/l	97
38) Carbon Tetrachloride	7.911	117	52153	20.928	ug/l	97
39) Methylcyclohexane	9.191	83	59436	20.441	ug/l	97
40) Benzene	8.167	78	155729	21.249	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15155	26.443	ug/l	97
42) 1,2-Dichloroethane	8.240	62	42611	22.286	ug/l	99
43) Isopropyl Acetate	8.277	43	48607	23.184	ug/l	99
44) Trichloroethene	8.947	130	39381	21.054	ug/l	97
45) 1,2-Dichloropropane	9.221	63	40217	21.876	ug/l	99
46) Dibromomethane	9.313	93	21150	22.270	ug/l	98
47) Bromodichloromethane	9.502	83	54124	21.622	ug/l	97
48) Methyl methacrylate	9.301	41	25187	21.419	ug/l	94
49) 1,4-Dioxane	9.301	88	4693	509.125	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	131734	117.930	ug/l	100
52) Toluene	10.252	92	94898	21.608	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	50051	21.929	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	60592	22.009	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	30869	22.782	ug/l	98
56) Ethyl methacrylate	10.514	69	27055	22.707	ug/l	97
57) 1,3-Dichloropropane	10.794	76	51555	22.400	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	74656	88.922	ug/l	99
59) 2-Hexanone	10.837	43	104254	125.164	ug/l	99
60) Dibromochloromethane	10.989	129	34843	22.229	ug/l	100
61) 1,2-Dibromoethane	11.093	107	27436	22.578	ug/l	99
64) Tetrachloroethene	10.727	164	30551	20.631	ug/l	98
65) Chlorobenzene	11.520	112	98808	21.097	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	36802	20.884	ug/l	99
67) Ethyl Benzene	11.599	91	182398	21.159	ug/l	100
68) m/p-Xylenes	11.709	106	134707	42.317	ug/l	100
69) o-Xylene	12.038	106	62306	21.335	ug/l	99
70) Styrene	12.050	104	90756	21.002	ug/l	99
71) Bromoform	12.215	173	19300	21.969	ug/l #	98
73) Isopropylbenzene	12.337	105	169979	21.069	ug/l	99
74) N-amyl acetate	12.148	43	38468	22.655	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	35615	22.091	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	42930	37.431	ug/l #	100
77) Bromobenzene	12.617	156	37694	21.417	ug/l	99
78) n-propylbenzene	12.678	91	205932	21.068	ug/l	100
79) 2-Chlorotoluene	12.764	91	113557	20.995	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	137021	21.456	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	10455	21.441	ug/l	98
82) 4-Chlorotoluene	12.861	91	119786	21.588	ug/l	98
83) tert-Butylbenzene	13.081	119	117652	21.180	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	136004	21.597	ug/l	99
85) sec-Butylbenzene	13.257	105	174778	21.242	ug/l	100
86) p-Isopropyltoluene	13.373	119	146325	21.355	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	72534	21.088	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	73004	21.736	ug/l	99
89) n-Butylbenzene	13.702	91	140070	21.384	ug/l	99
90) Hexachloroethane	13.971	117	30347	21.269	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	63815	21.778	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4963	23.748	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	35044	22.539	ug/l	99
94) Hexachlorobutadiene	15.117	225	19900	22.534	ug/l	99
95) Naphthalene	15.245	128	65784	21.836	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	29876	22.562	ug/l	97

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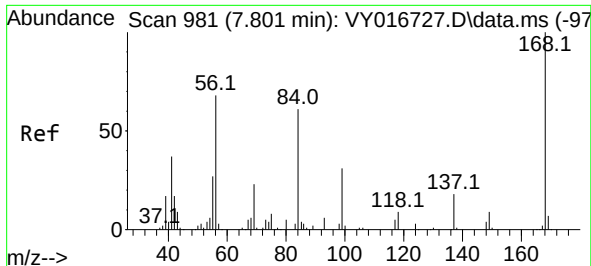
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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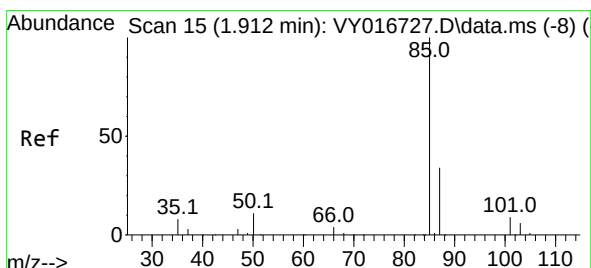
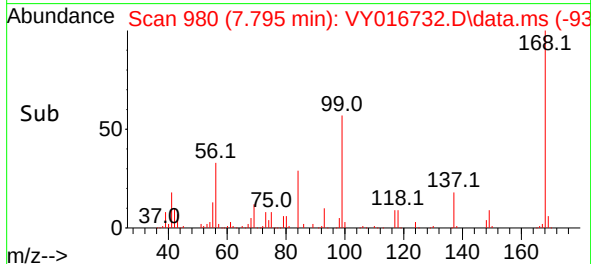
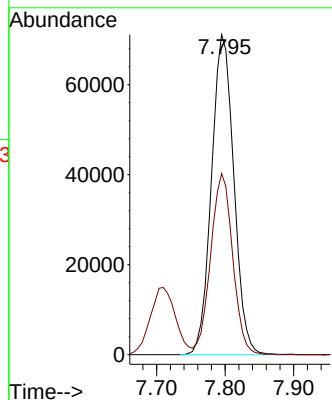
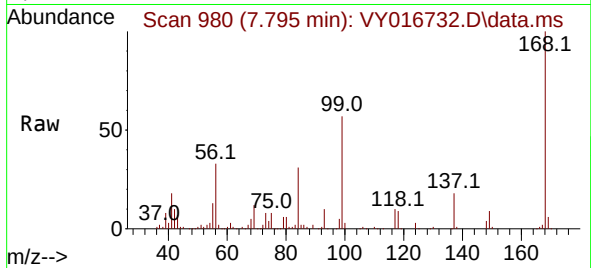




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
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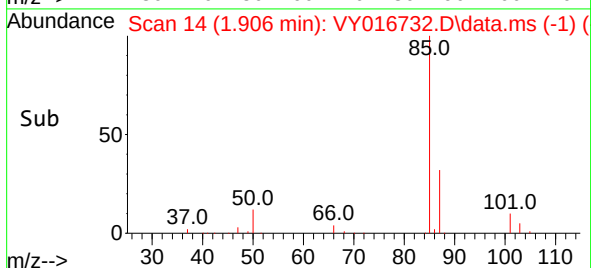
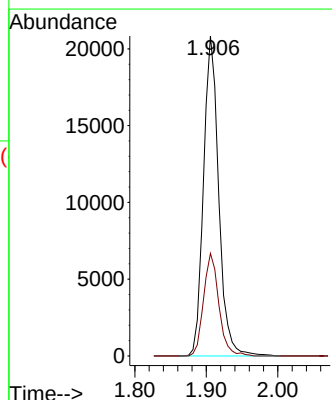
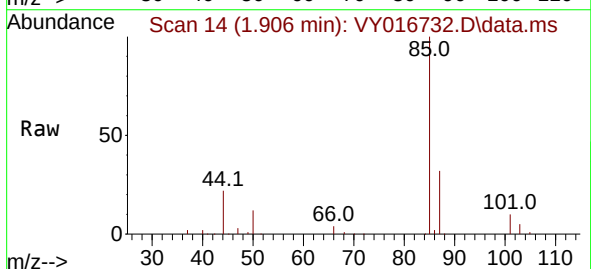
Instrument :
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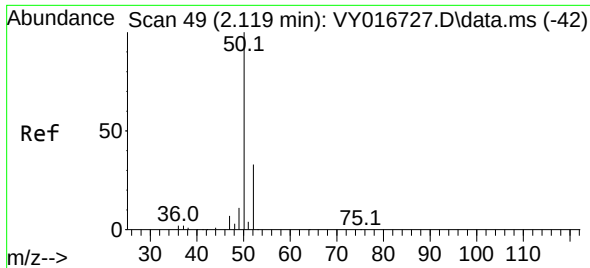
Tgt Ion:168 Resp: 160936
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 22.450 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 85 Resp: 30876
Ion Ratio Lower Upper
85 100
87 32.0 17.1 51.3

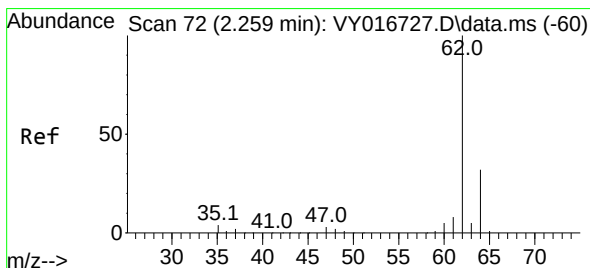
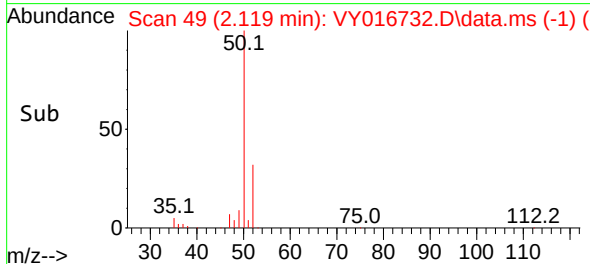
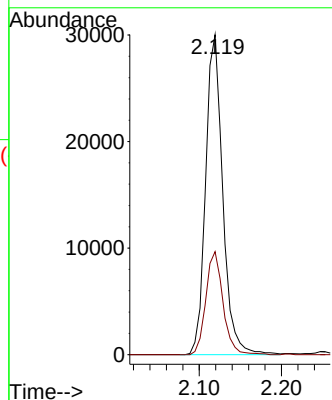
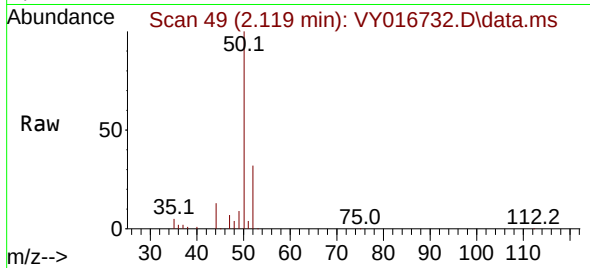




#3
Chloromethane
Concen: 20.554 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

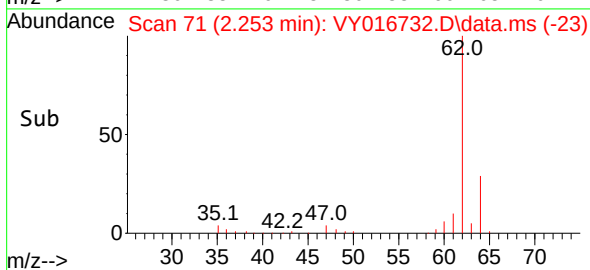
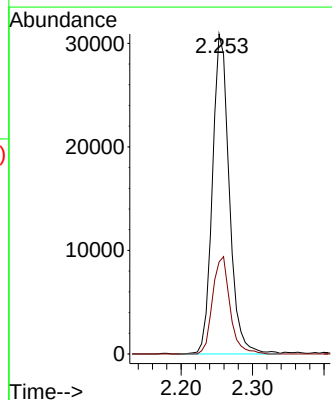
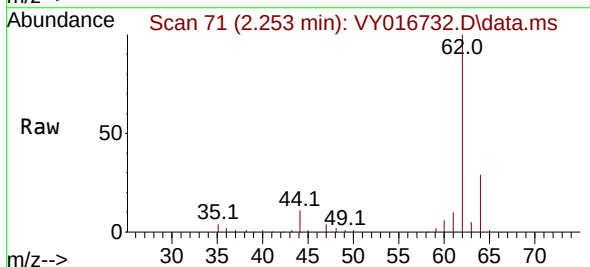
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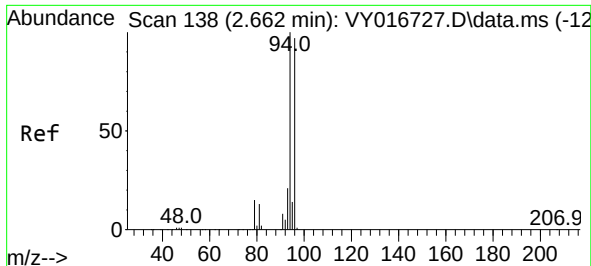
Tgt Ion: 50 Resp: 43452
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1



#4
Vinyl Chloride
Concen: 21.181 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 62 Resp: 50579
Ion Ratio Lower Upper
62 100
64 28.8 25.7 38.5

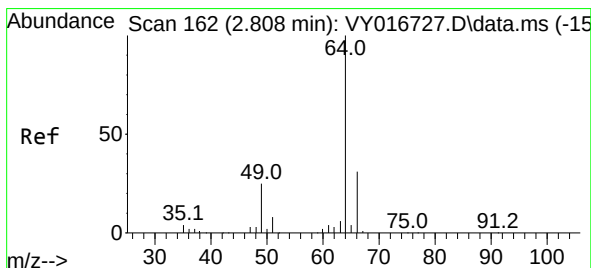
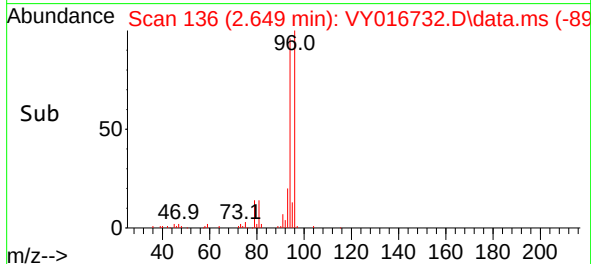
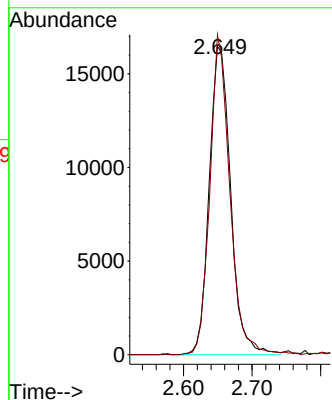
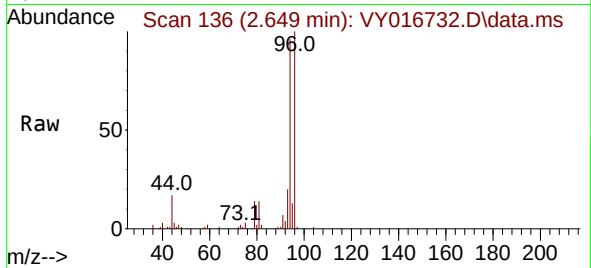




#5
Bromomethane
Concen: 21.031 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

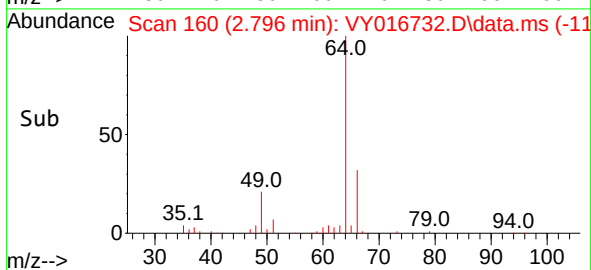
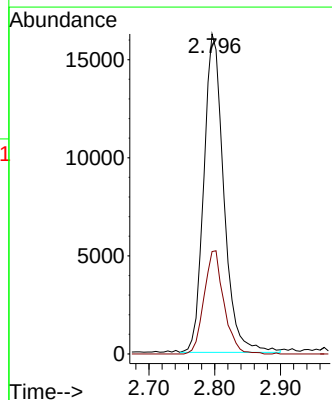
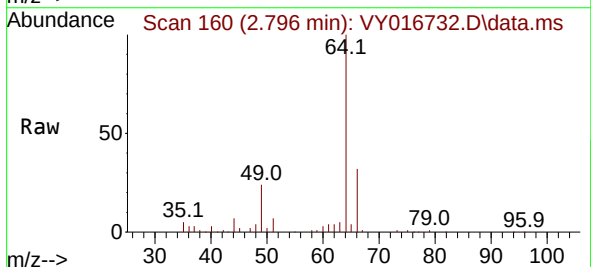
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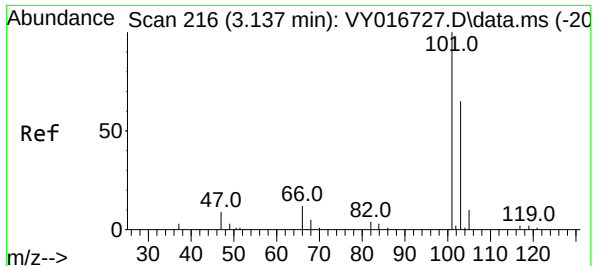
Tgt Ion: 94 Resp: 35769
Ion Ratio Lower Upper
94 100
96 103.8 77.3 115.9



#6
Chloroethane
Concen: 21.232 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.012 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 64 Resp: 34354
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7

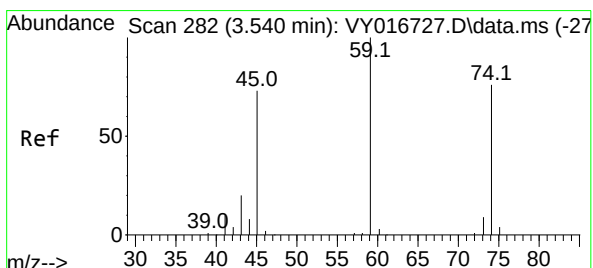
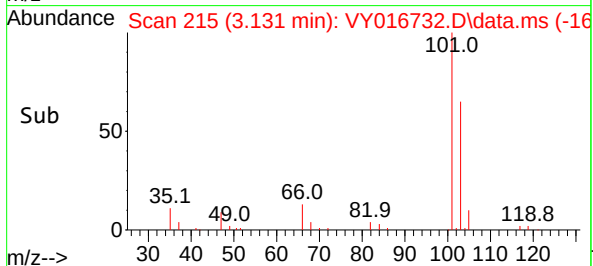
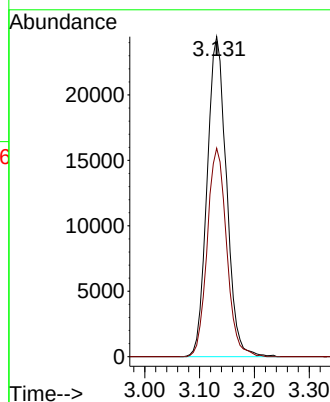
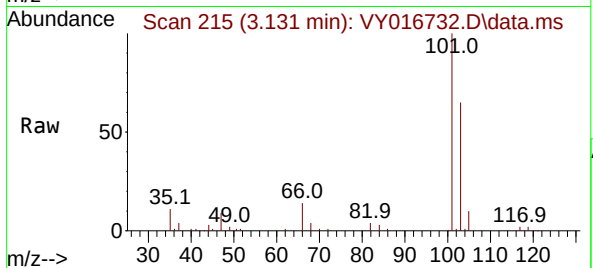




#7
Trichlorofluoromethane
Concen: 21.511 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY016732.D
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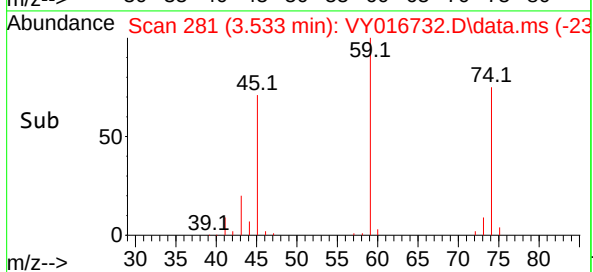
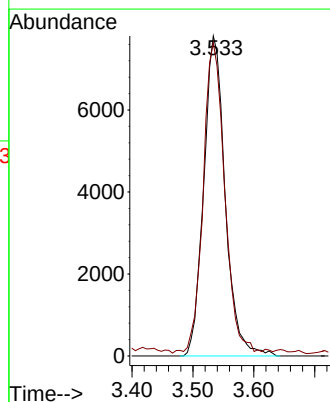
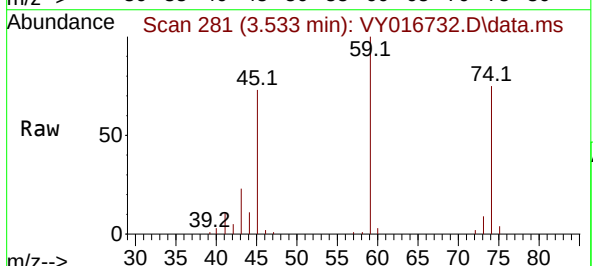
Instrument :
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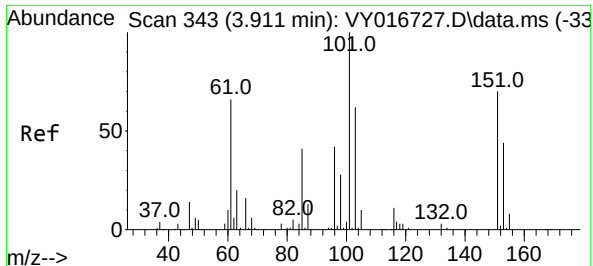
Tgt Ion:101 Resp: 59839
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9



#8
Diethyl Ether
Concen: 21.500 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 74 Resp: 19132
Ion Ratio Lower Upper
74 100
45 96.9 47.9 143.7

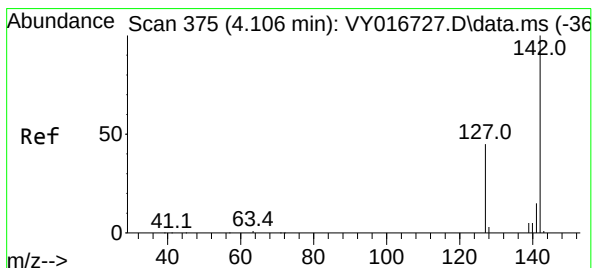
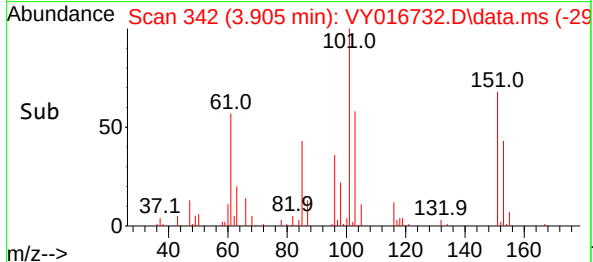
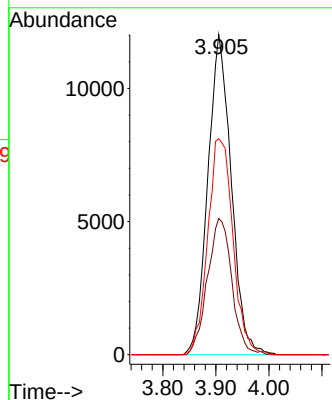
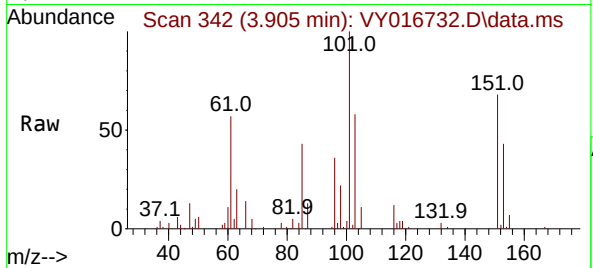




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.573 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.006 min
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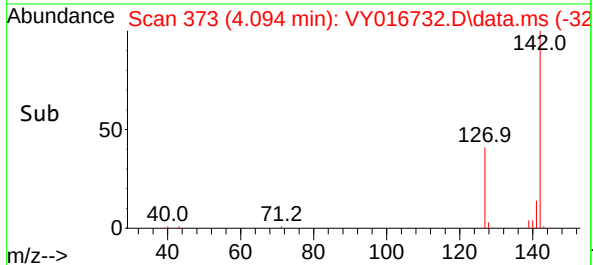
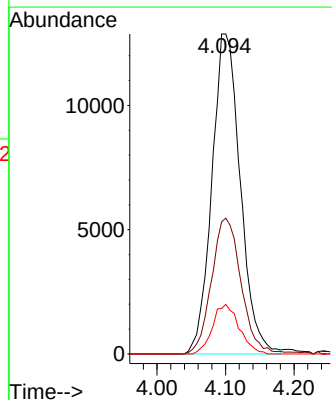
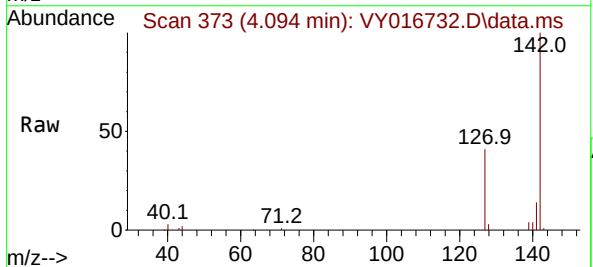
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

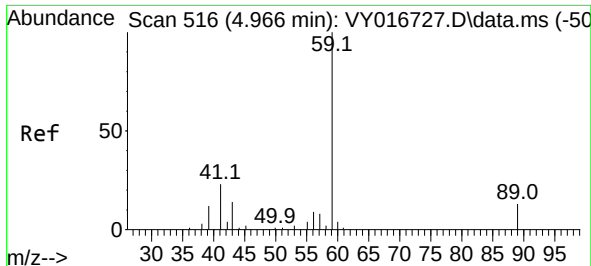
Tgt Ion:101 Resp: 36812
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.6
151 72.7 58.6 88.0



#10
Methyl Iodide
Concen: 20.846 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion:142 Resp: 37067
Ion Ratio Lower Upper
142 100
127 44.3 35.1 52.7
141 14.6 11.8 17.6

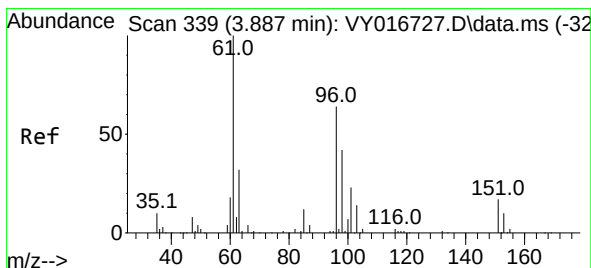
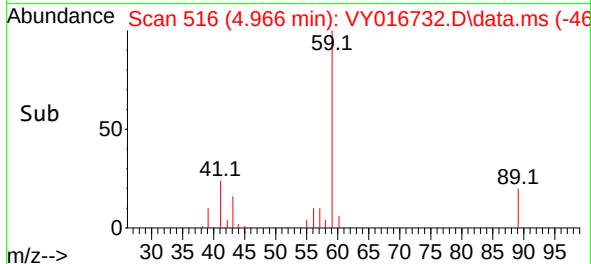
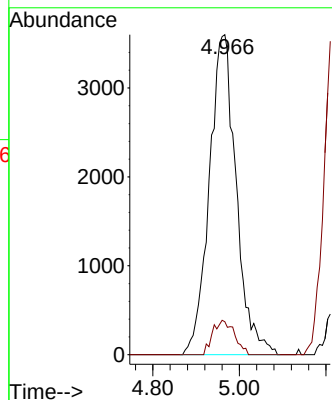
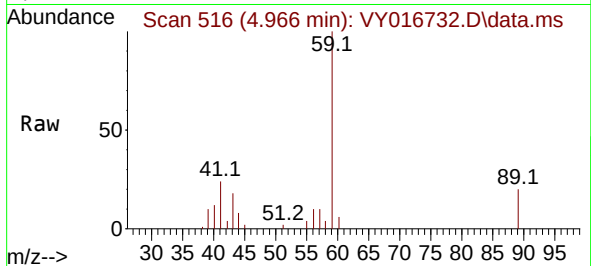




#11
Tert butyl alcohol
Concen: 129.125 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

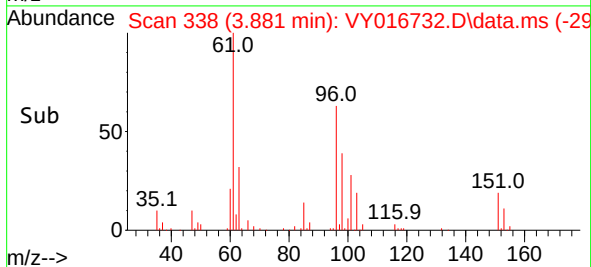
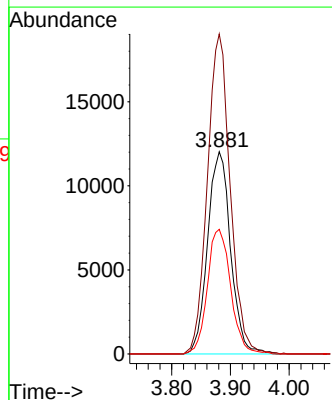
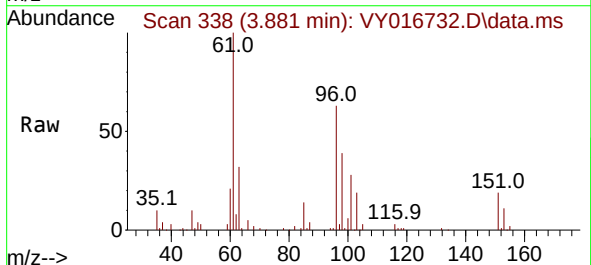
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

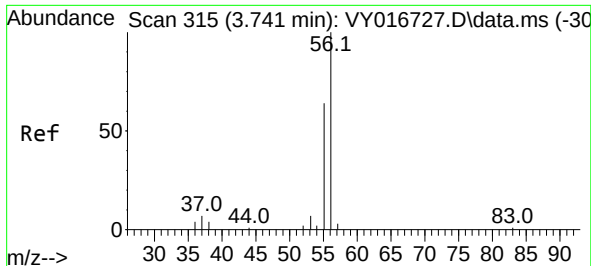
Tgt Ion: 59 Resp: 15537
Ion Ratio Lower Upper
59 100
57 8.6 7.4 11.0



#12
1,1-Dichloroethene
Concen: 21.555 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 96 Resp: 32749
Ion Ratio Lower Upper
96 100
61 158.2 124.2 186.2
98 61.6 52.6 79.0

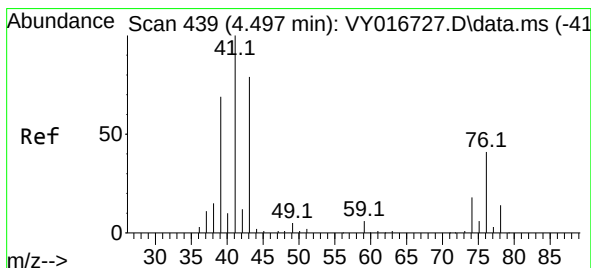
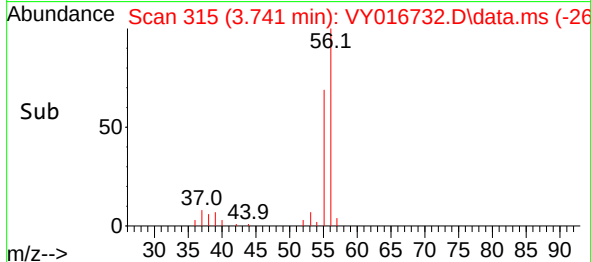
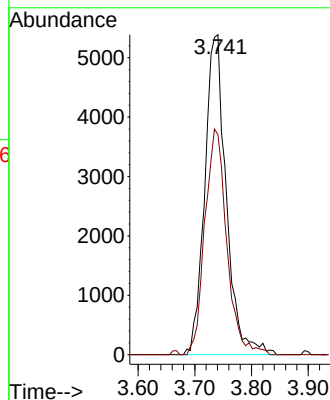
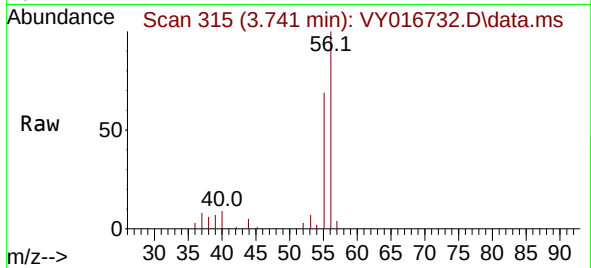




#13
Acrolein
Concen: 123.526 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

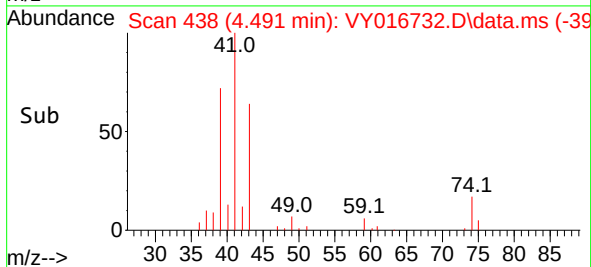
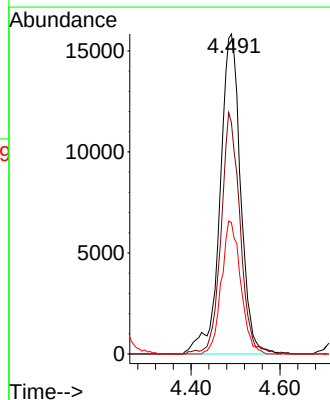
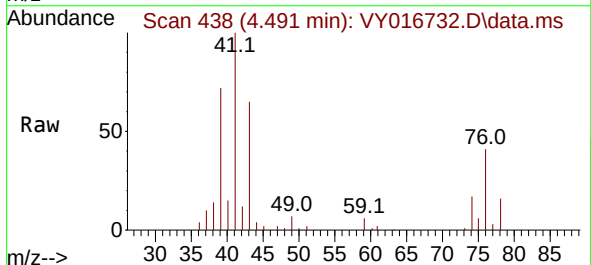
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

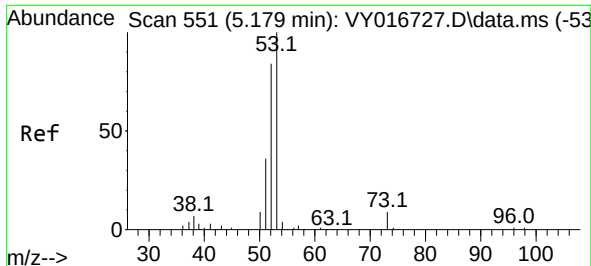
Tgt Ion: 56 Resp: 14221
Ion Ratio Lower Upper
56 100
55 71.7 55.4 83.0



#14
Allyl chloride
Concen: 21.786 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 41 Resp: 50698
Ion Ratio Lower Upper
41 100
39 69.5 54.7 82.1
76 38.9 31.8 47.6

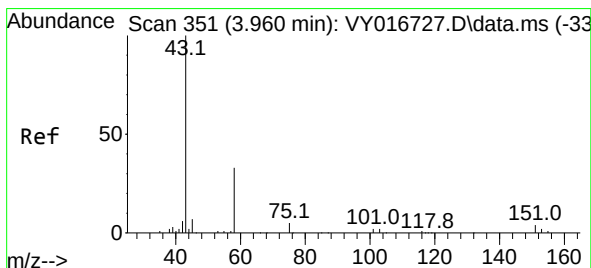
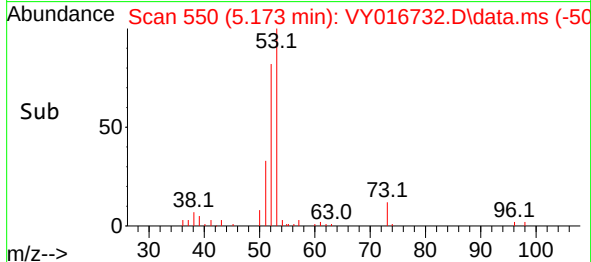
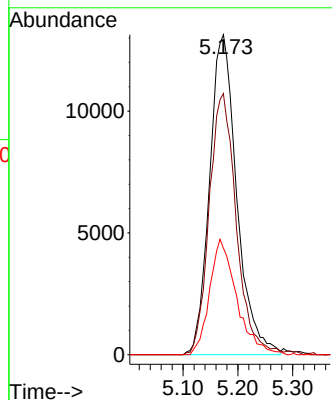
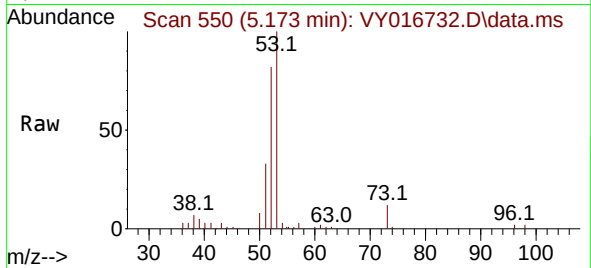




#15
Acrylonitrile
Concen: 120.132 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

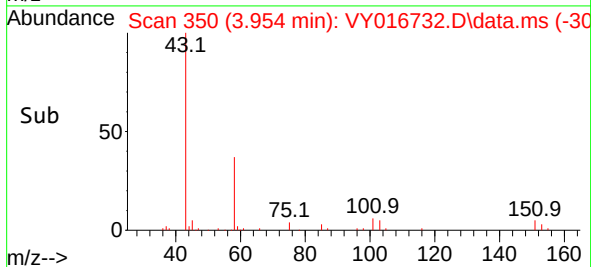
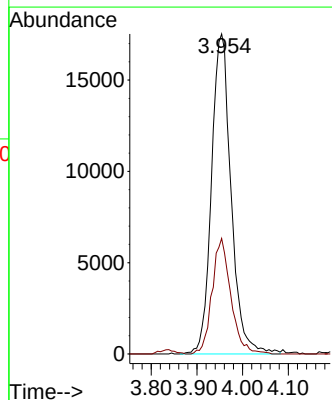
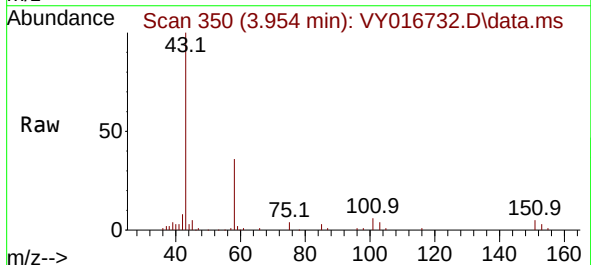
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

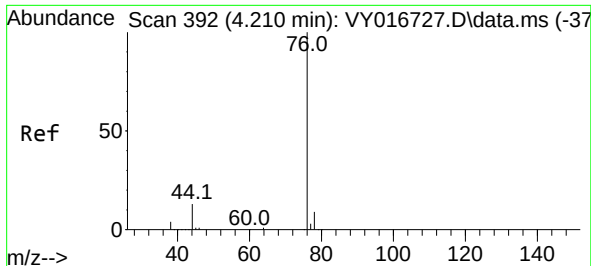
Tgt Ion: 53	Resp:	45271
Ion Ratio	Lower	Upper
53	100	
52	81.1	65.1 97.7
51	35.9	29.0 43.4



#16
Acetone
Concen: 131.408 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 43	Resp:	52206
Ion Ratio	Lower	Upper
43	100	
58	36.1	26.6 39.8

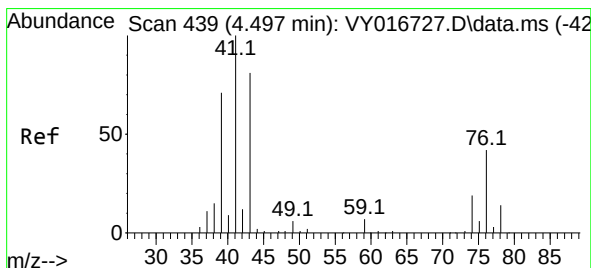
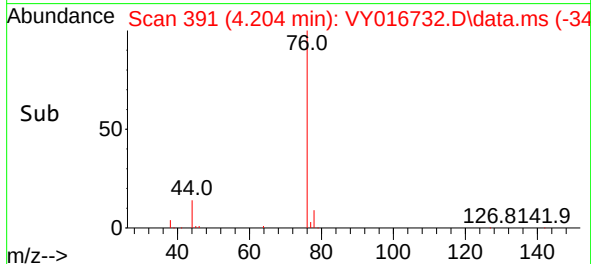
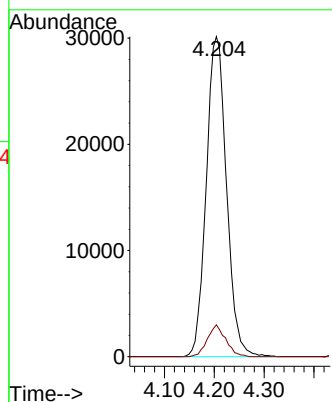
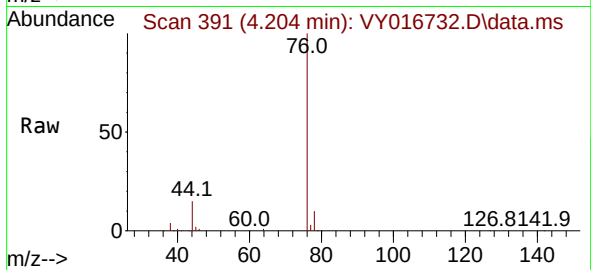




#17
Carbon Disulfide
Concen: 20.542 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

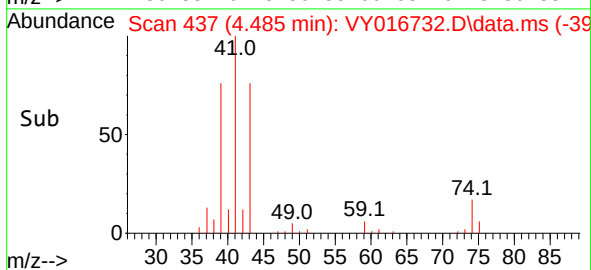
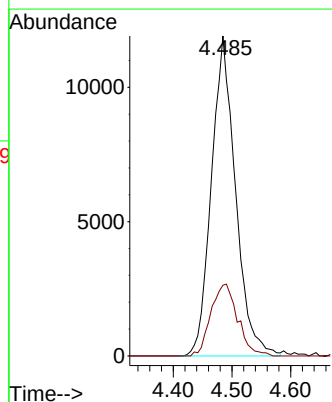
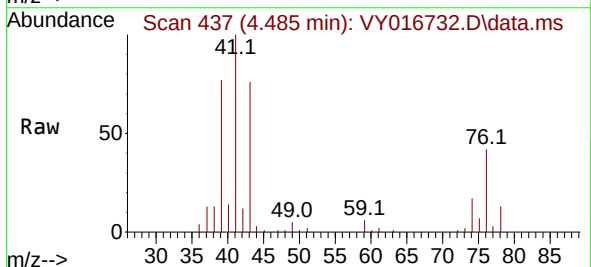
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

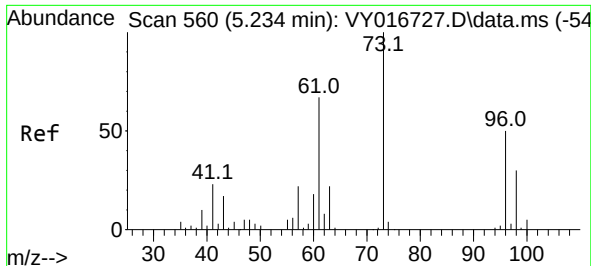
Tgt Ion: 76 Resp: 84920
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 21.850 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 43 Resp: 33923
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 22.486 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

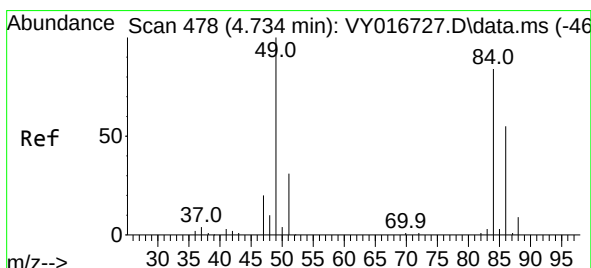
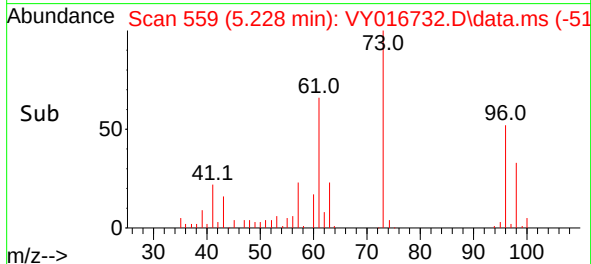
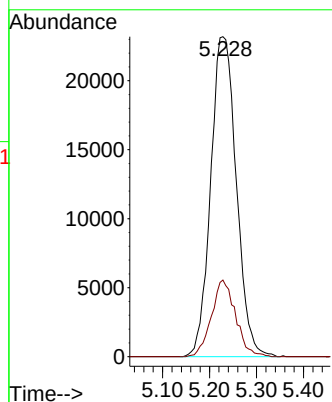
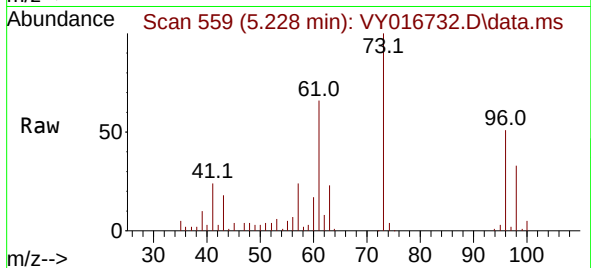
VSTDIC020

Tgt Ion: 73 Resp: 87906

Ion Ratio Lower Upper

73 100

57 24.0 17.7 26.5



#20

Methylene Chloride

Concen: 22.722 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Tgt Ion: 84 Resp: 50150

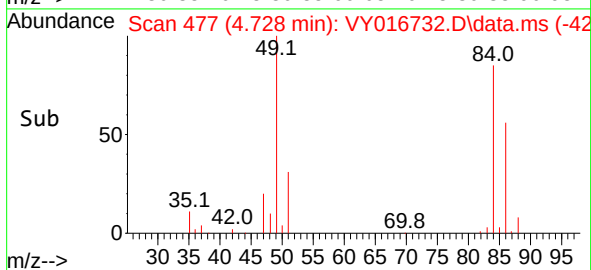
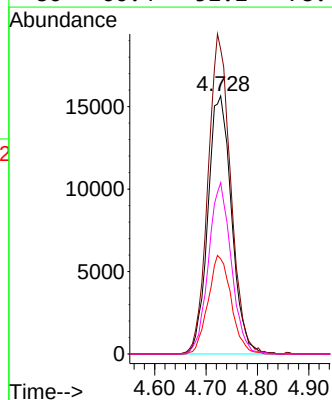
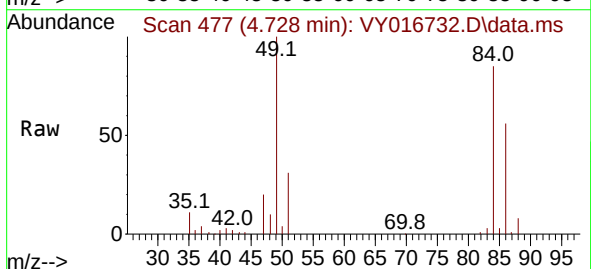
Ion Ratio Lower Upper

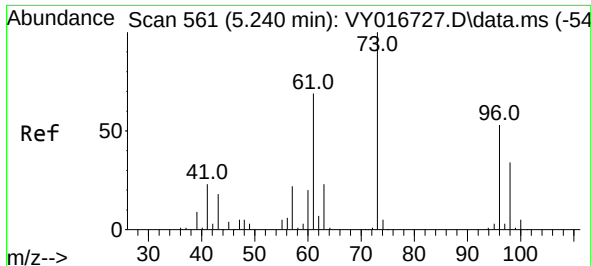
84 100

49 118.0 95.2 142.8

51 36.8 29.9 44.9

86 66.4 52.2 78.4

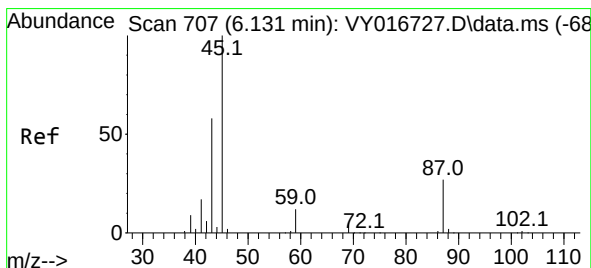
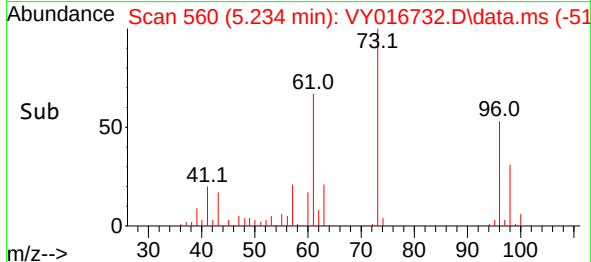
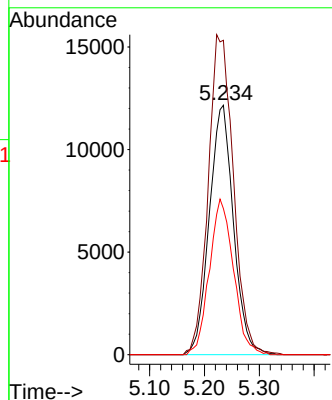
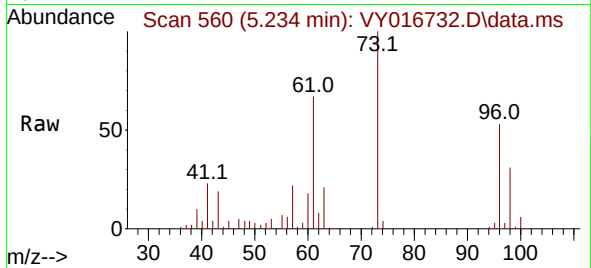




#21
trans-1,2-Dichloroethene
Concen: 21.497 ug/l
RT: 5.234 min Scan# 501
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

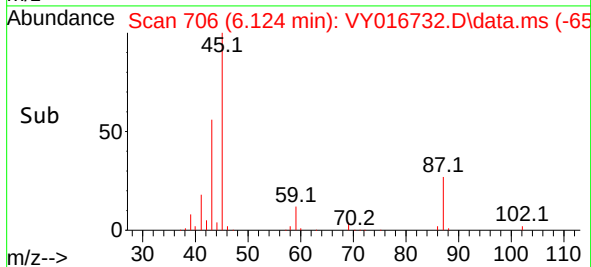
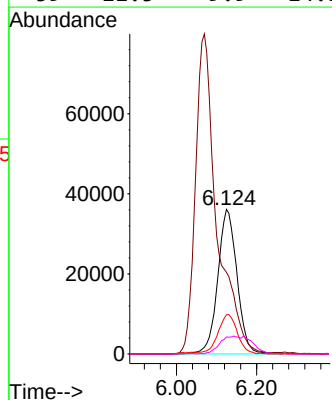
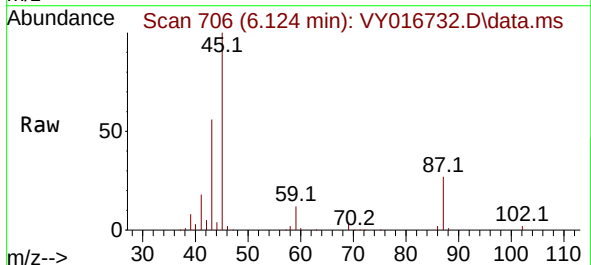
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

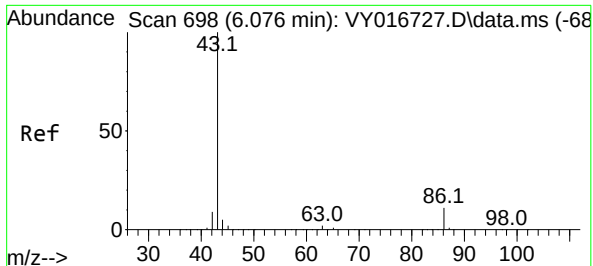
Tgt Ion: 96 Resp: 37249
Ion Ratio Lower Upper
96 100
61 126.1 104.6 156.8
98 58.6 50.9 76.3



#22
Diisopropyl ether
Concen: 22.826 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 45 Resp: 120173
Ion Ratio Lower Upper
45 100
43 55.4 46.8 70.2
87 27.2 22.2 33.2
59 11.5 9.9 14.9

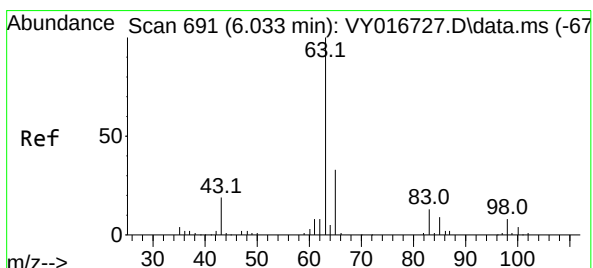
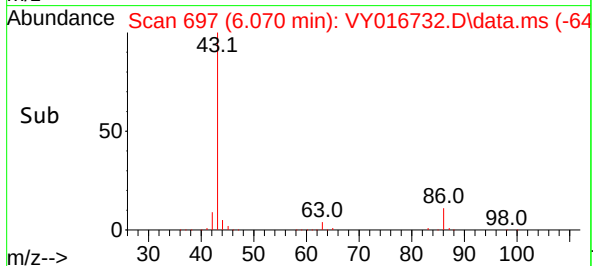
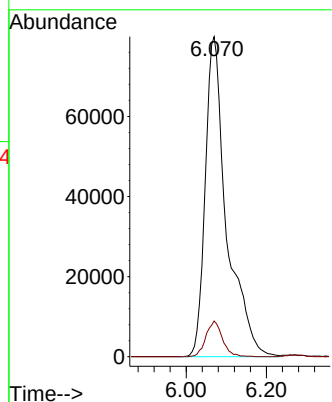
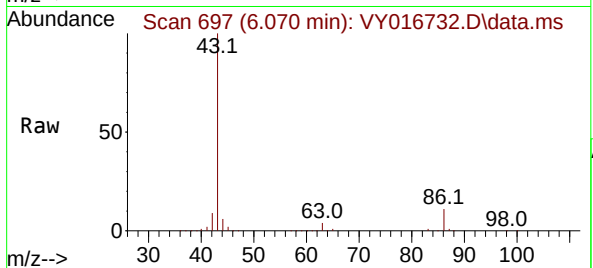




#23
 Vinyl Acetate
 Concen: 118.762 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016732.D
 Acq: 20 Dec 2023 18:32

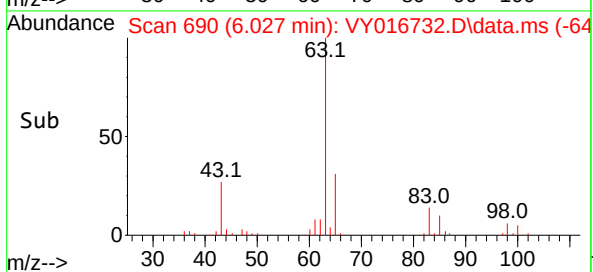
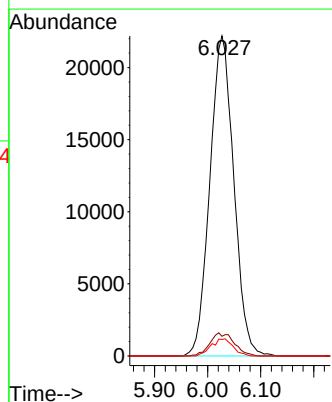
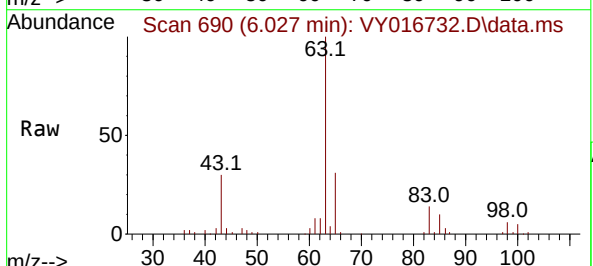
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

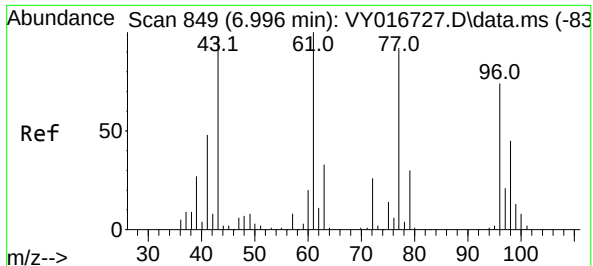
Tgt Ion: 43 Resp: 295717
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.999 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016732.D
 Acq: 20 Dec 2023 18:32

Tgt Ion: 63 Resp: 69575
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.4
 100 5.2 2.1 6.2





#25

2-Butanone

Concen: 128.439 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

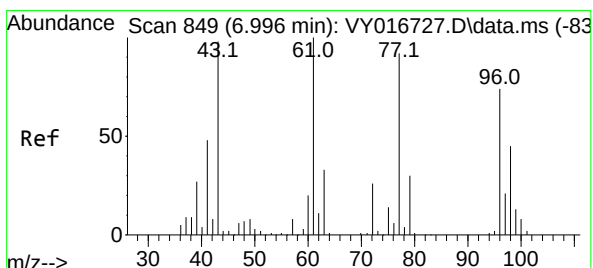
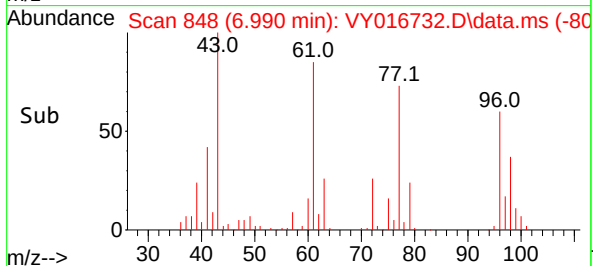
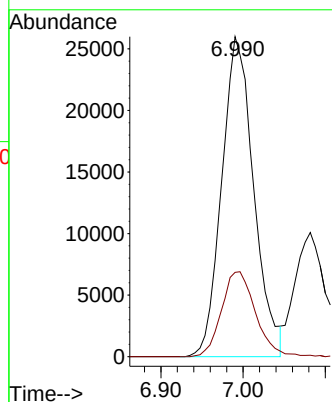
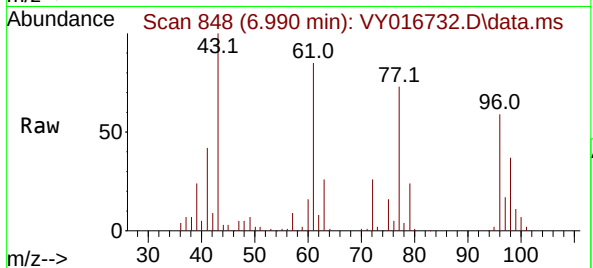
VSTDIC020

Tgt Ion: 43 Resp: 70254

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.079 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016732.D

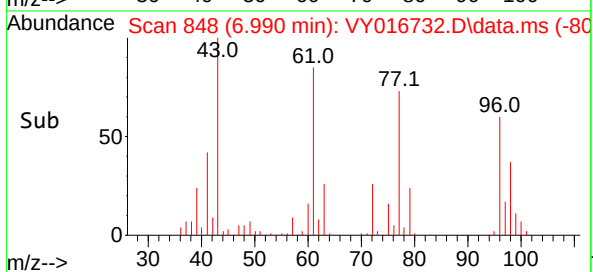
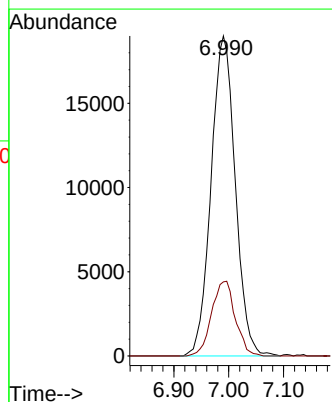
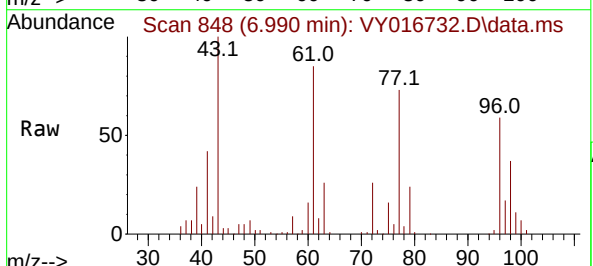
Acq: 20 Dec 2023 18:32

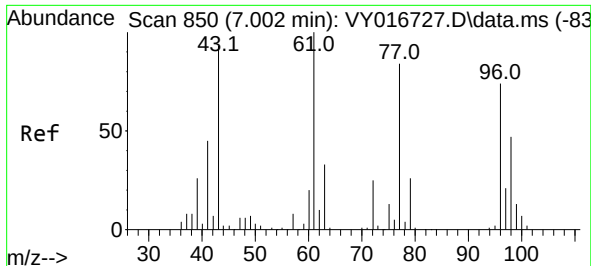
Tgt Ion: 77 Resp: 58174

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.983 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

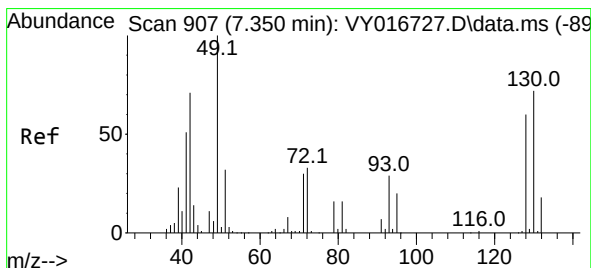
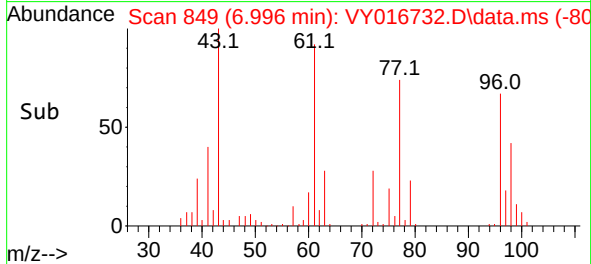
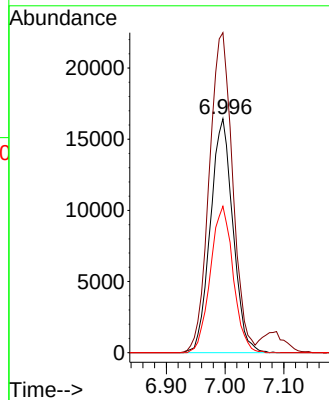
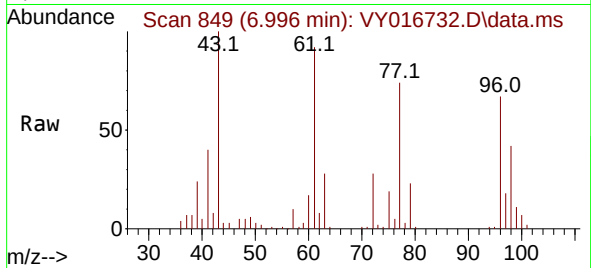
MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 43839

Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	278.8
98	63.2	0.0	127.0



#28

Bromochloromethane

Concen: 20.642 ug/l

RT: 7.344 min Scan# 906

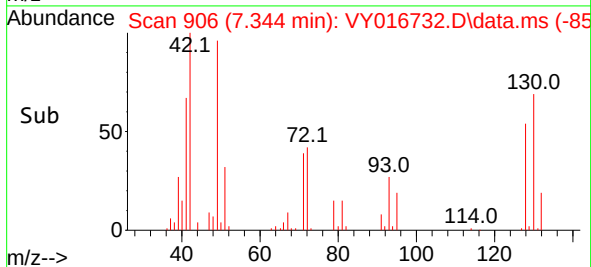
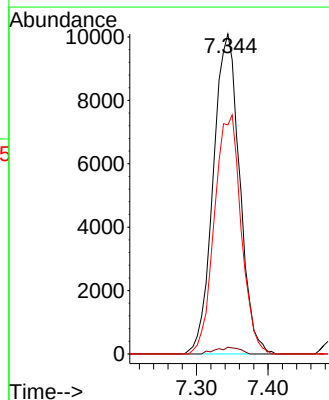
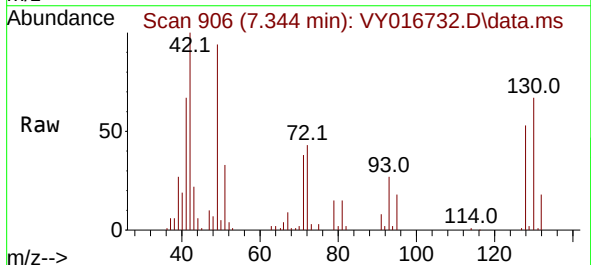
Delta R.T. -0.006 min

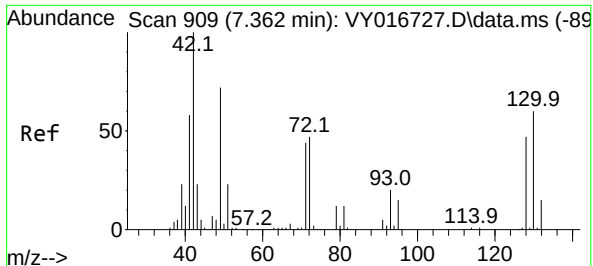
Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Tgt Ion: 49 Resp: 25838

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	75.7	59.8	89.8





#29

Tetrahydrofuran

Concen: 123.492 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

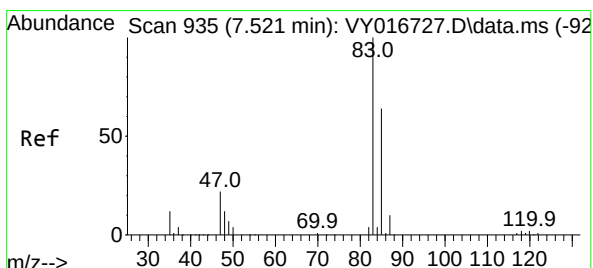
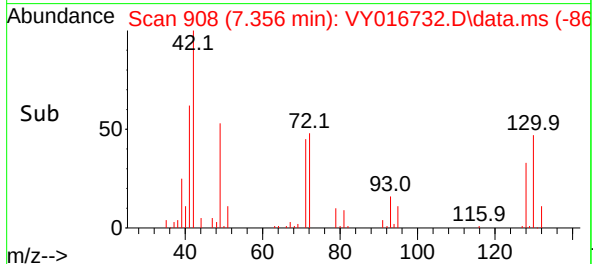
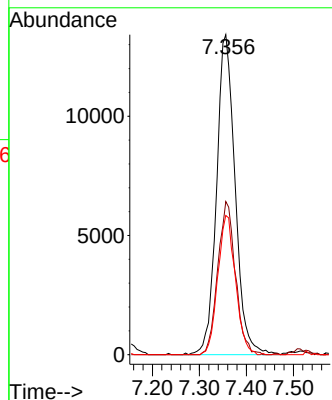
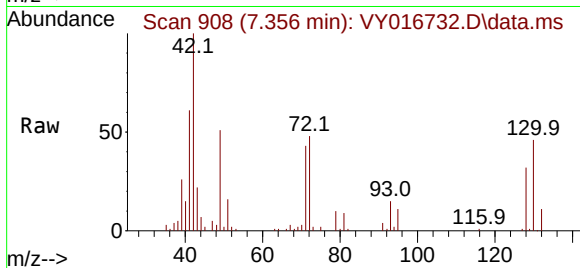
Tgt Ion: 42 Resp: 36935

Ion Ratio Lower Upper

42 100

72 45.4 36.6 54.8

71 41.2 33.8 50.6



#30

Chloroform

Concen: 21.977 ug/l

RT: 7.514 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016732.D

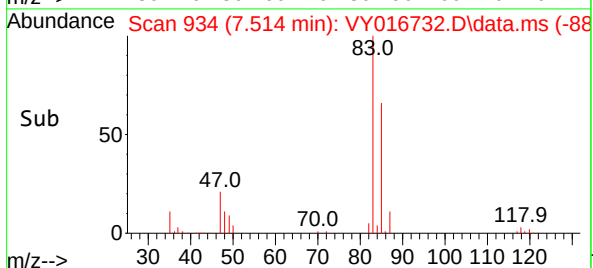
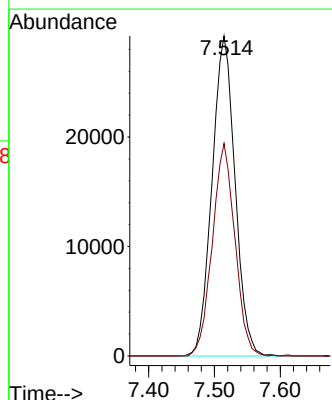
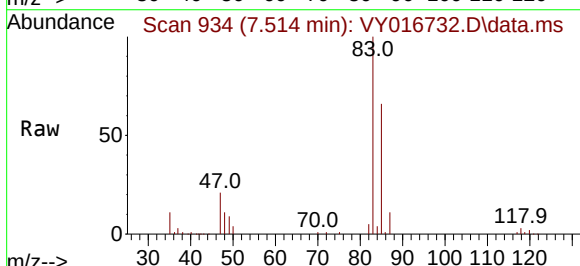
Acq: 20 Dec 2023 18:32

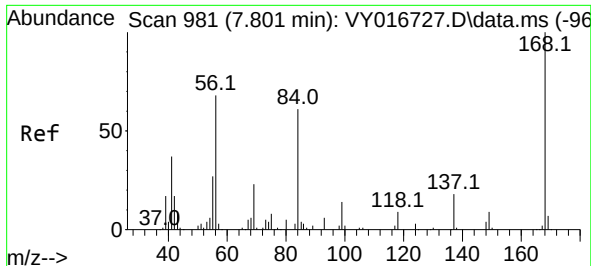
Tgt Ion: 83 Resp: 71151

Ion Ratio Lower Upper

83 100

85 66.4 51.2 76.8

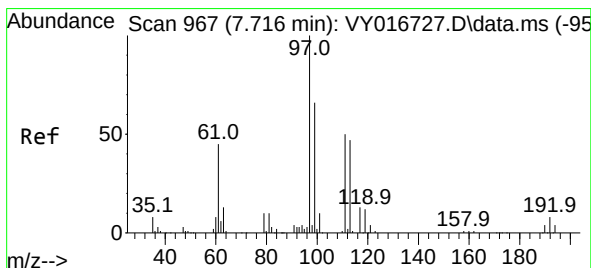
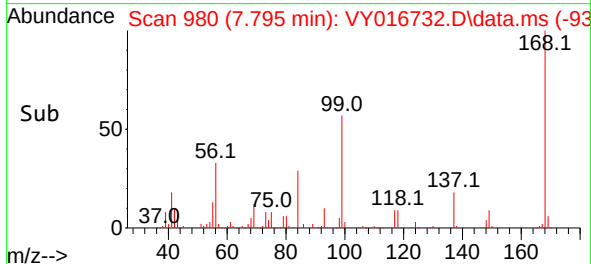
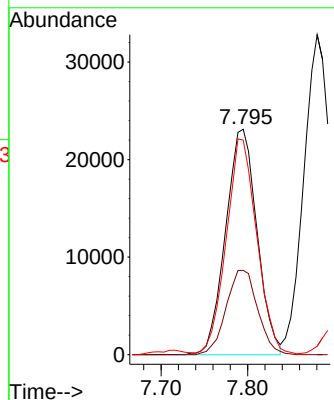
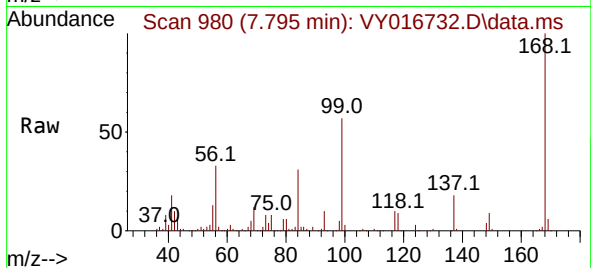




#31
Cyclohexane
Concen: 20.660 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

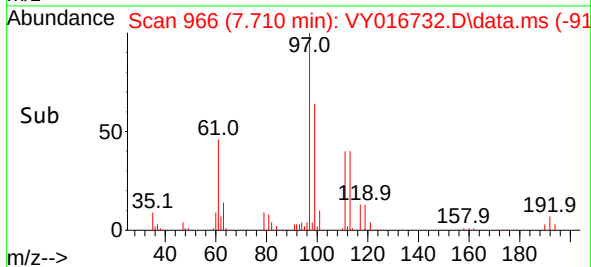
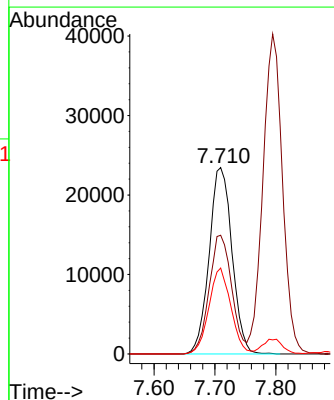
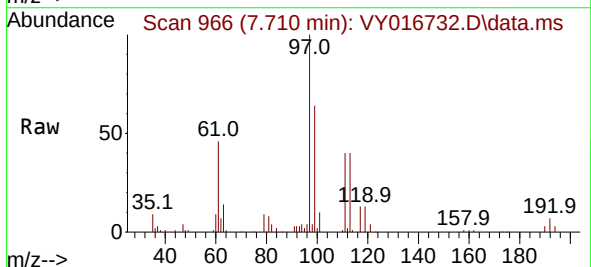
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

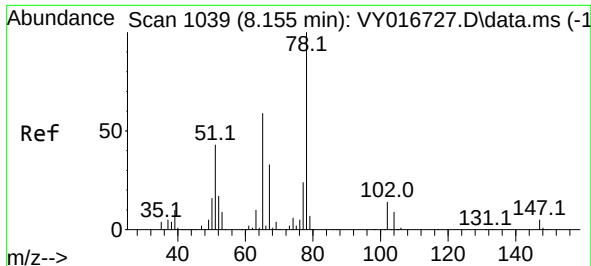
Tgt Ion: 56 Resp: 58156
Ion Ratio Lower Upper
56 100
69 37.4 27.0 40.6
84 93.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.518 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 97 Resp: 61151
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 44.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 21.962 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

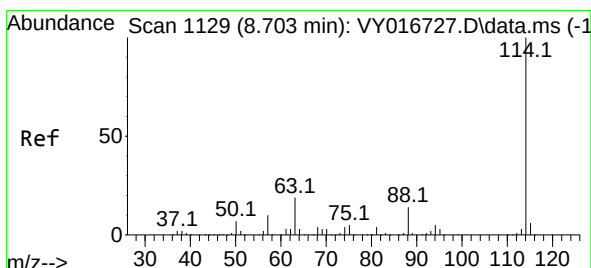
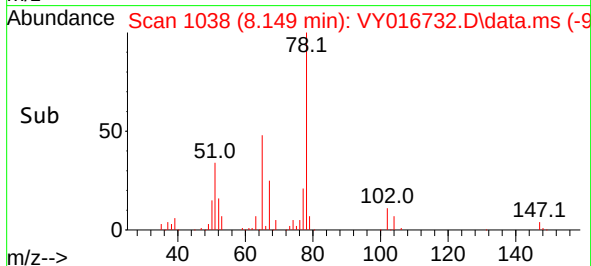
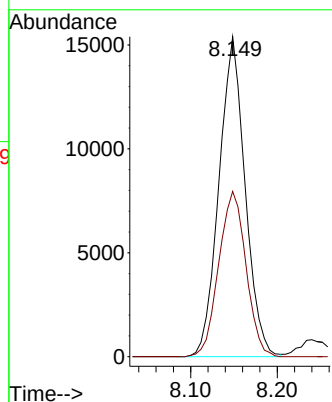
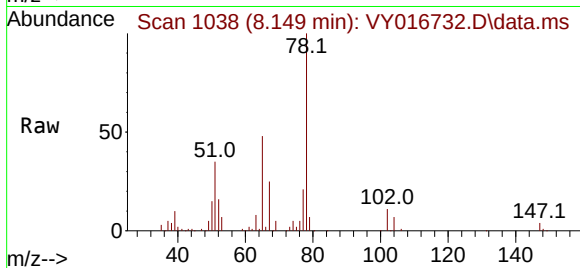
VSTDIC020

Tgt Ion: 65 Resp: 32266

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

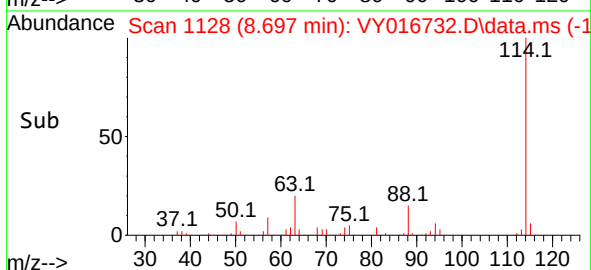
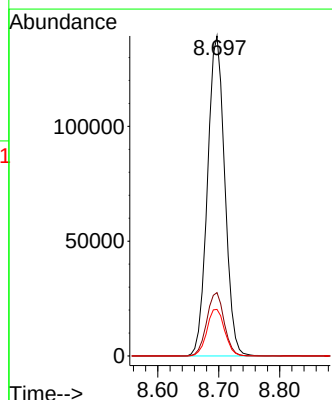
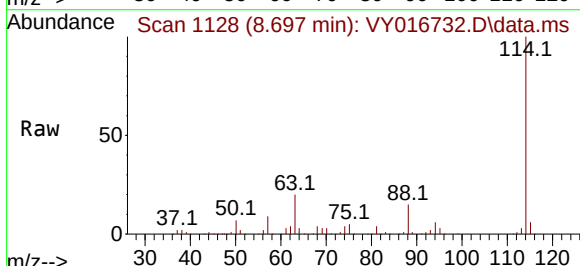
Tgt Ion: 114 Resp: 274239

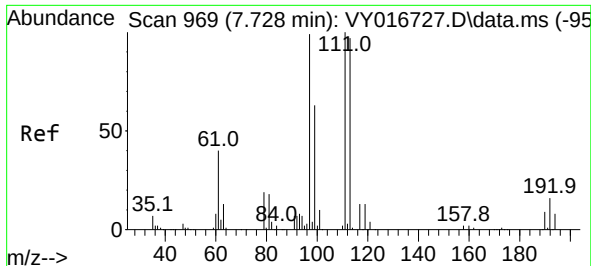
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.6 0.0 29.0

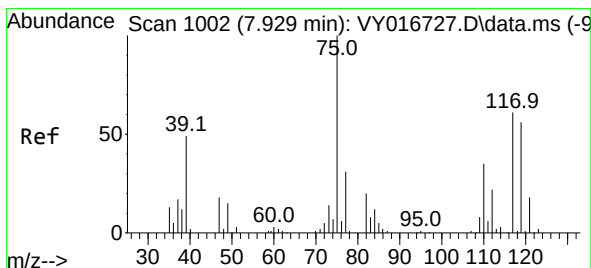
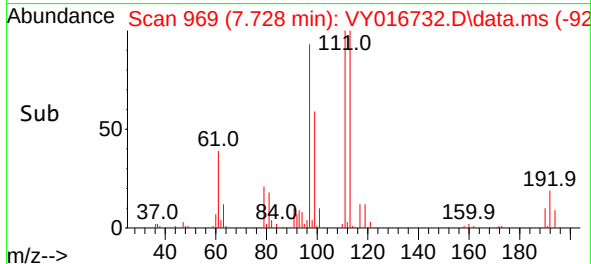
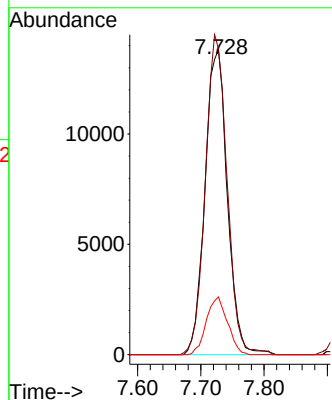
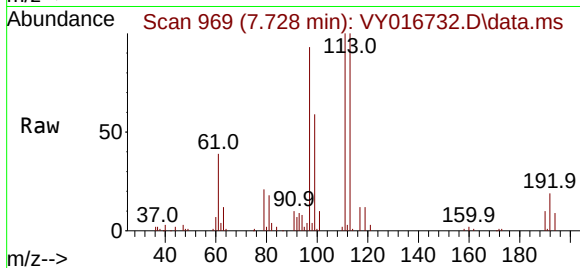




#35
Dibromofluoromethane
Concen: 21.633 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

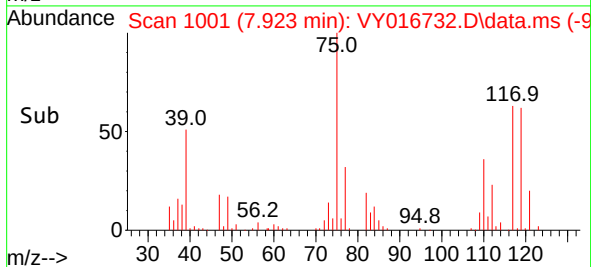
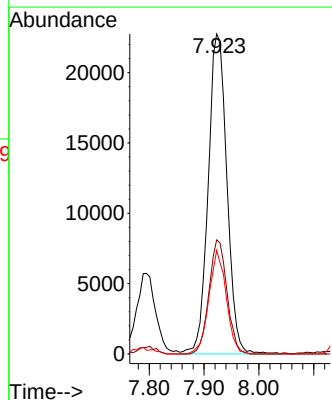
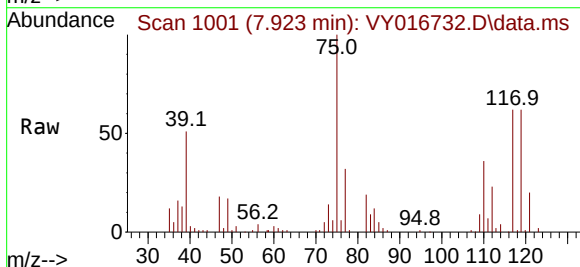
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

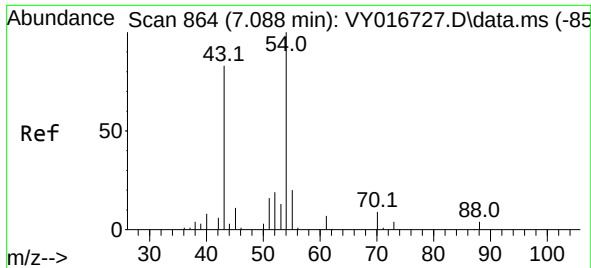
Tgt Ion:113 Resp: 33984
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 21.392 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 75 Resp: 53875
Ion Ratio Lower Upper
75 100
110 34.2 17.4 52.3
77 30.0 24.7 37.1

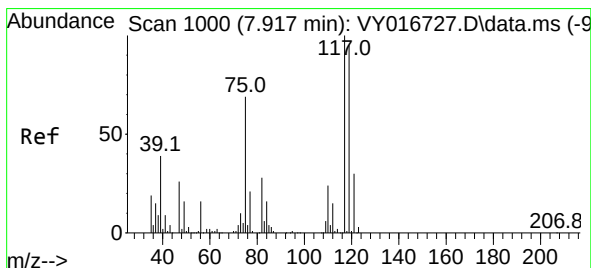
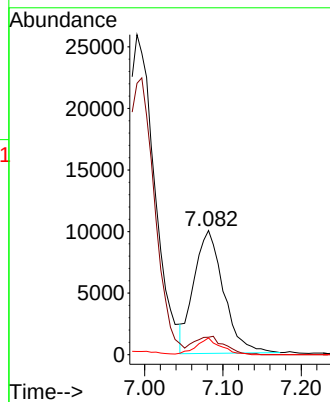
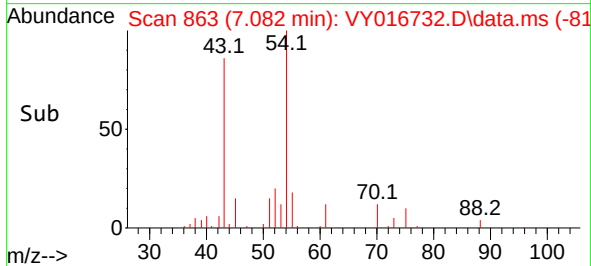
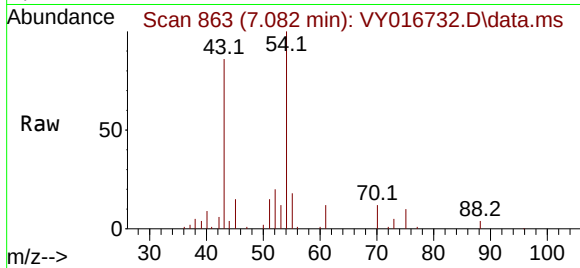




#37
Ethyl Acetate
Concen: 23.935 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

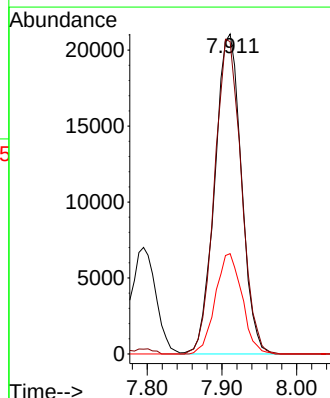
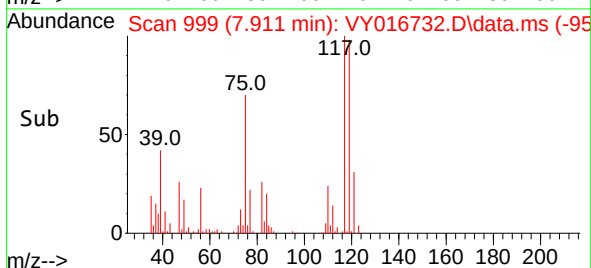
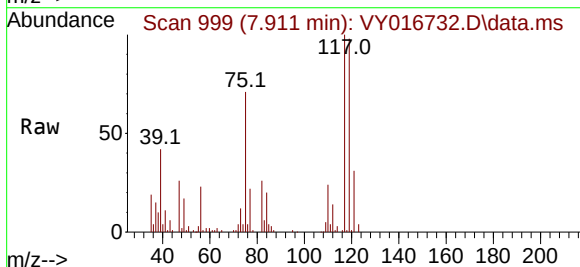
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

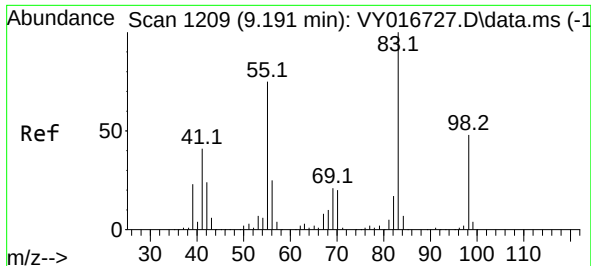
Tgt Ion: 43	Resp: 26382
Ion Ratio	Lower Upper
43 100	
61 15.3	11.0 16.6
70 11.1	8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.928 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion:117	Resp:	52153	
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.0	114.0
121	31.3	24.2	36.2





#39

Methylcyclohexane

Concen: 20.441 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

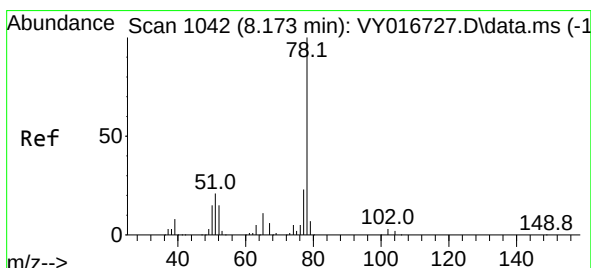
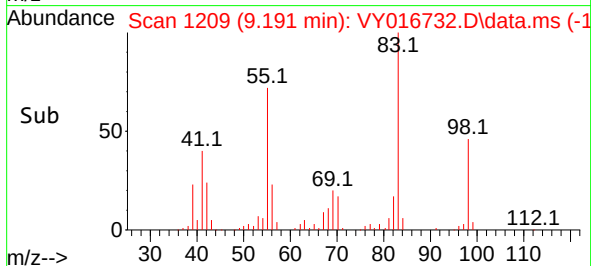
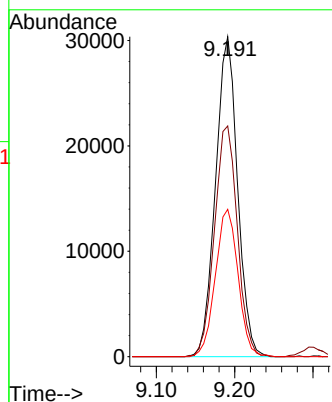
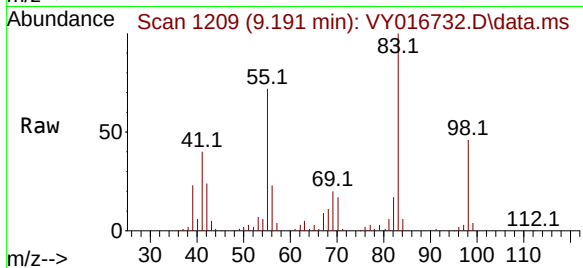
Tgt Ion: 83 Resp: 59436

Ion Ratio Lower Upper

83 100

55 72.1 59.7 89.5

98 46.1 38.0 57.0



#40

Benzene

Concen: 21.249 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016732.D

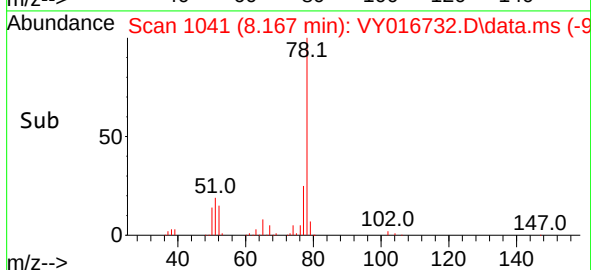
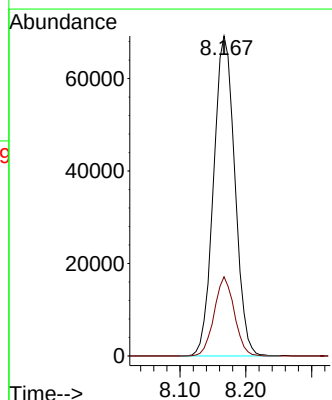
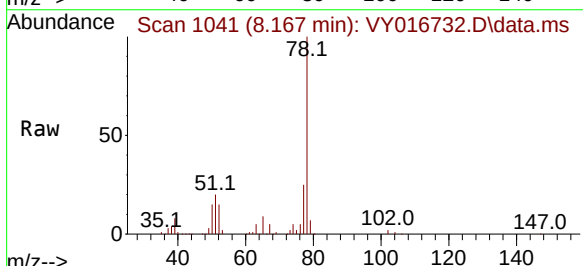
Acq: 20 Dec 2023 18:32

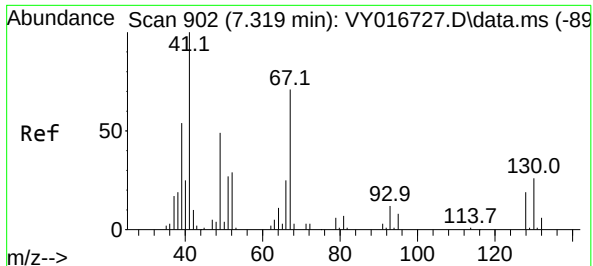
Tgt Ion: 78 Resp: 155729

Ion Ratio Lower Upper

78 100

77 24.8 18.8 28.2

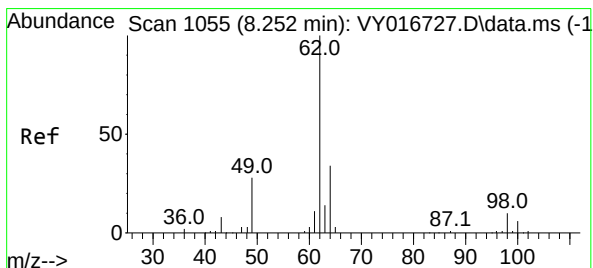
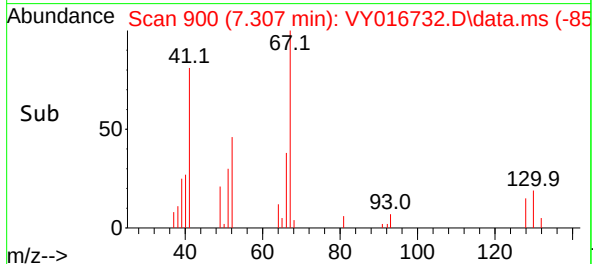
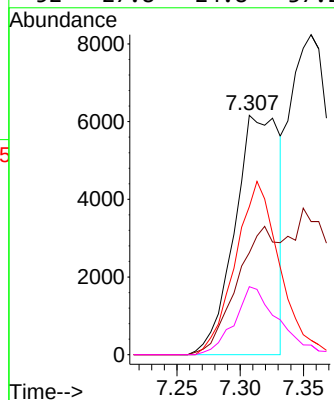
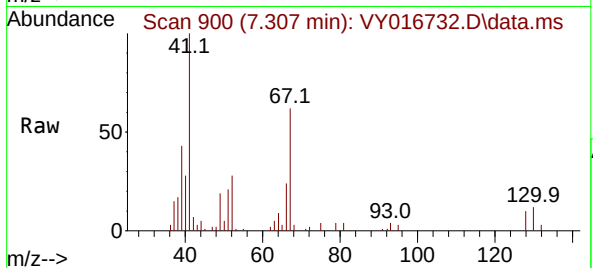




#41
Methacrylonitrile
Concen: 26.443 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

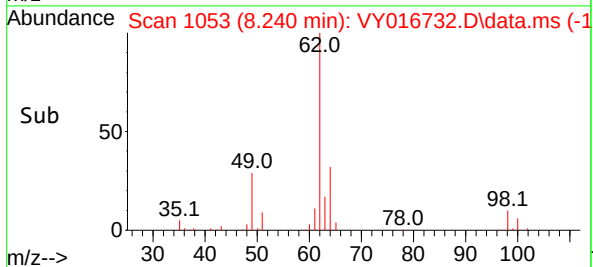
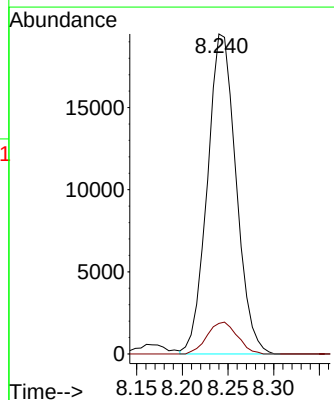
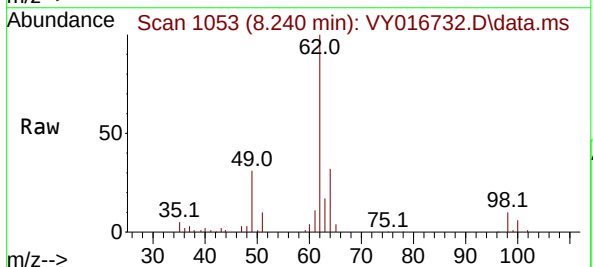
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

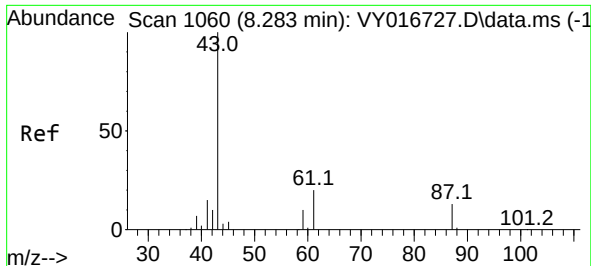
Tgt Ion: 41	Resp: 15155
Ion Ratio	Lower Upper
41 100	
39 50.7	41.9 62.9
67 72.1	59.8 89.6
52 27.8	24.8 37.2



#42
1,2-Dichloroethane
Concen: 22.286 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.012 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 62	Resp: 42611
Ion Ratio	Lower Upper
62 100	
98 10.4	0.0 20.2





#43

Isopropyl Acetate

Concen: 23.184 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

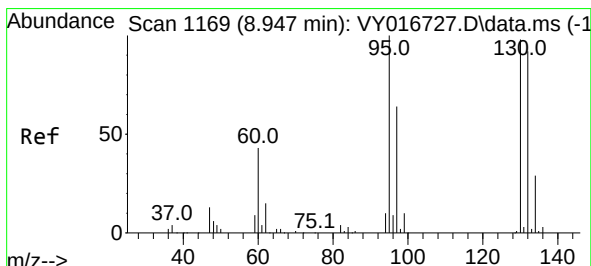
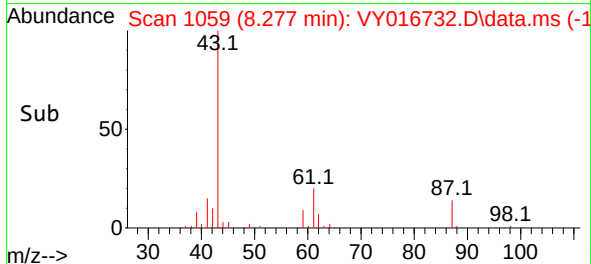
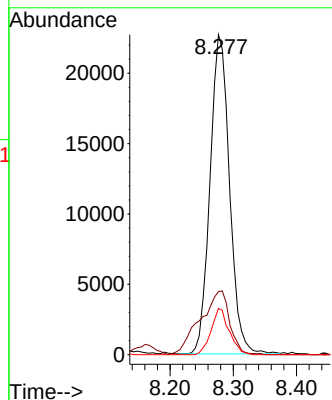
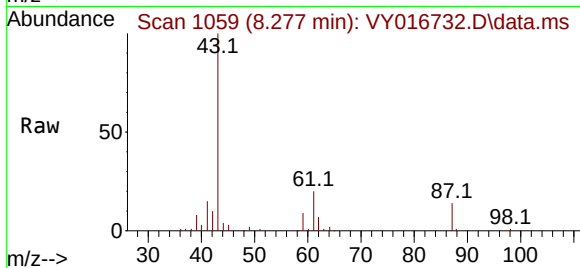
Tgt Ion: 43 Resp: 48607

Ion Ratio Lower Upper

43 100

61 30.2 24.8 37.2

87 13.4 10.7 16.1



#44

Trichloroethene

Concen: 21.054 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY016732.D

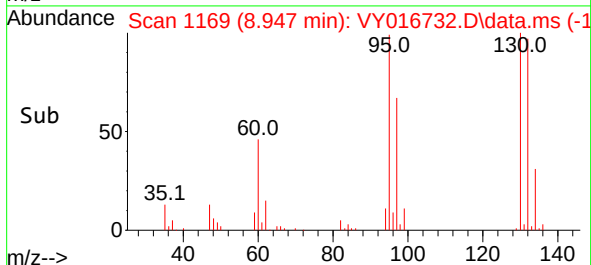
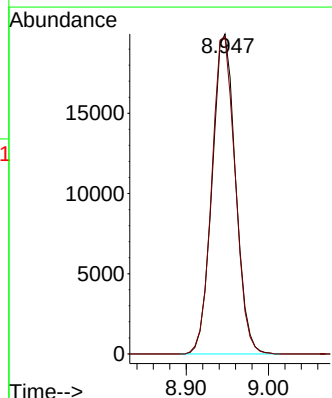
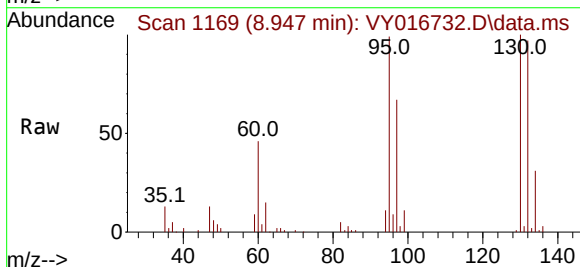
Acq: 20 Dec 2023 18:32

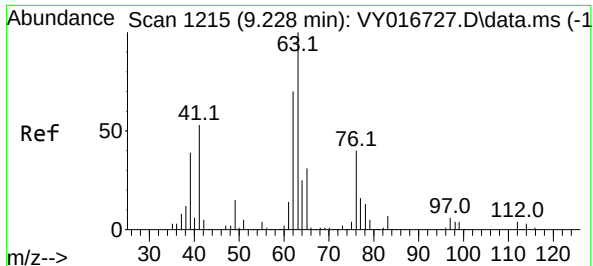
Tgt Ion:130 Resp: 39381

Ion Ratio Lower Upper

130 100

95 99.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.876 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

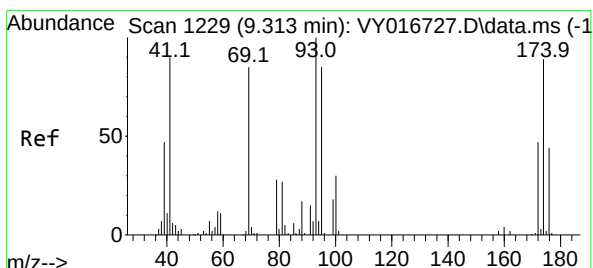
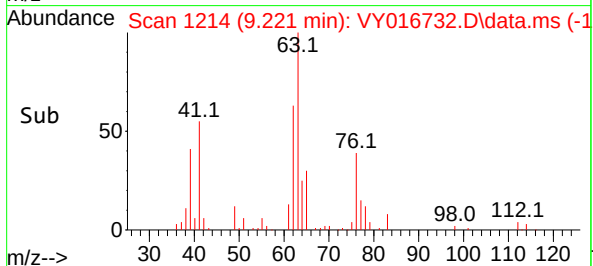
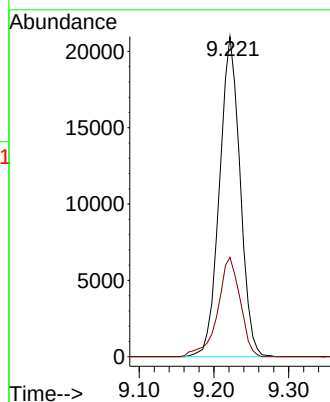
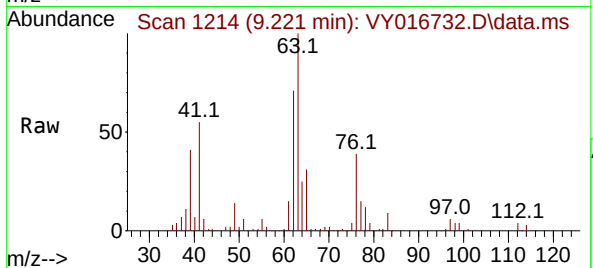
VSTDICC020

Tgt Ion: 63 Resp: 40217

Ion Ratio Lower Upper

63 100

65 31.0 24.6 36.8



#46

Dibromomethane

Concen: 22.270 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

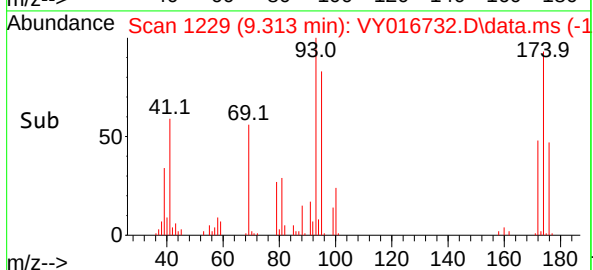
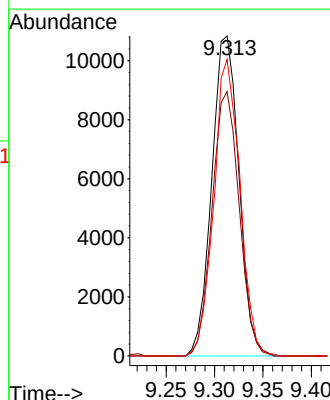
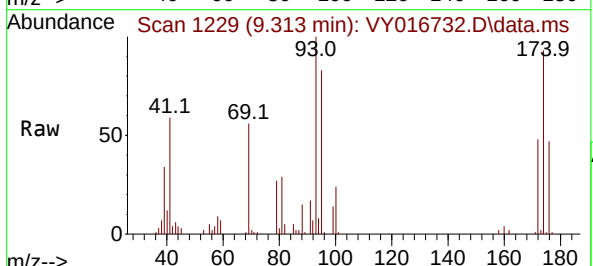
Tgt Ion: 93 Resp: 21150

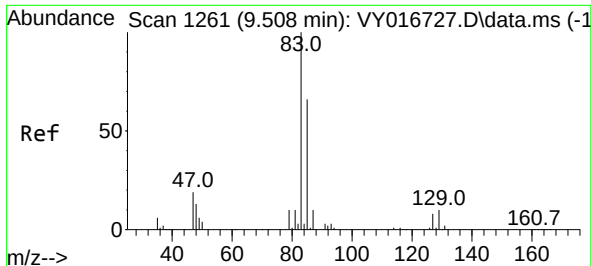
Ion Ratio Lower Upper

93 100

95 82.5 66.6 99.8

174 89.4 73.8 110.6





#47

Bromodichloromethane

Concen: 21.622 ug/l

RT: 9.502 min Scan# 1261

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

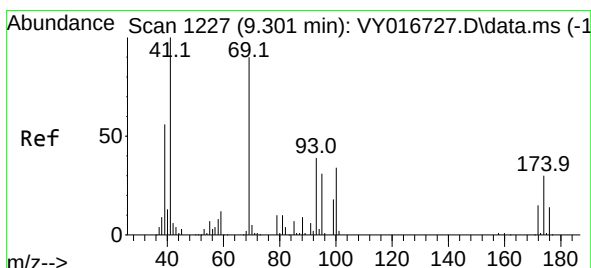
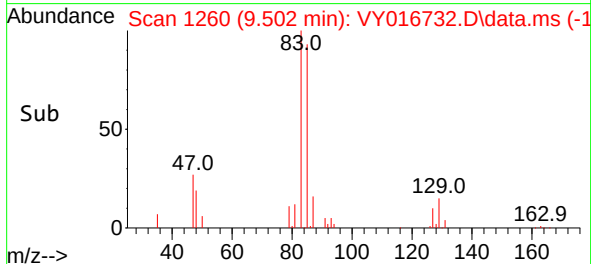
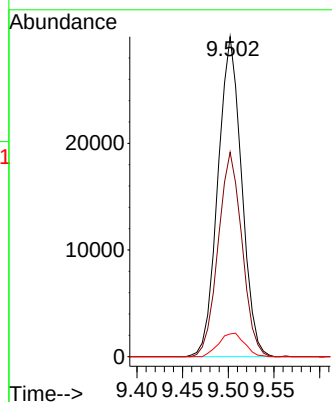
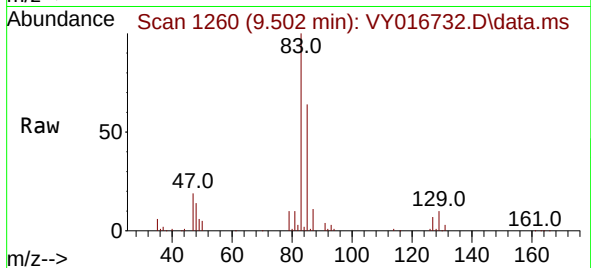
Tgt Ion: 83 Resp: 54124

Ion Ratio Lower Upper

83 100

85 63.9 53.2 79.8

127 7.1 6.4 9.6



#48

Methyl methacrylate

Concen: 21.419 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

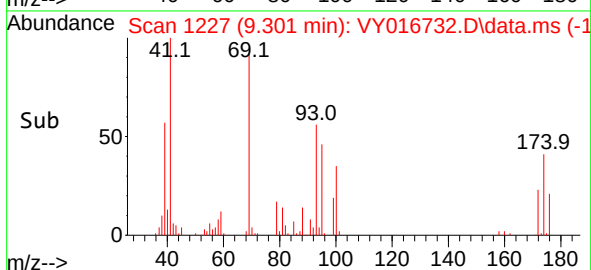
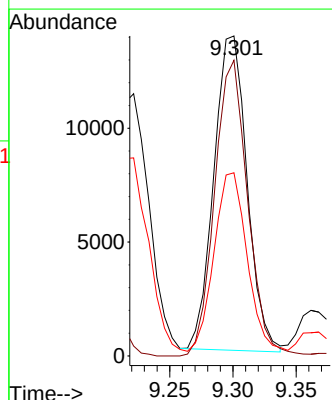
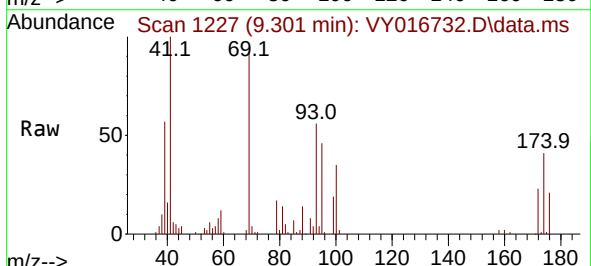
Tgt Ion: 41 Resp: 25187

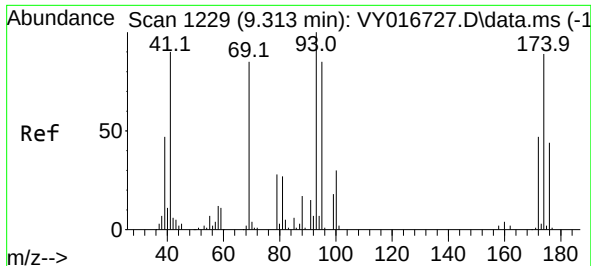
Ion Ratio Lower Upper

41 100

69 93.6 72.1 108.1

39 60.0 42.8 64.2





#49

1,4-Dioxane

Concen: 509.125 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

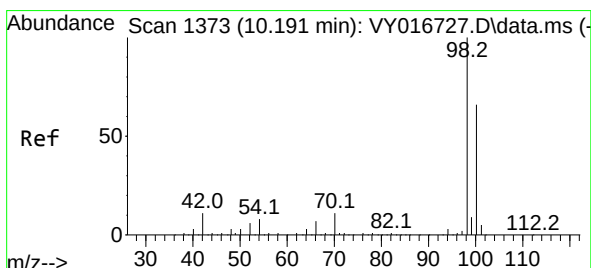
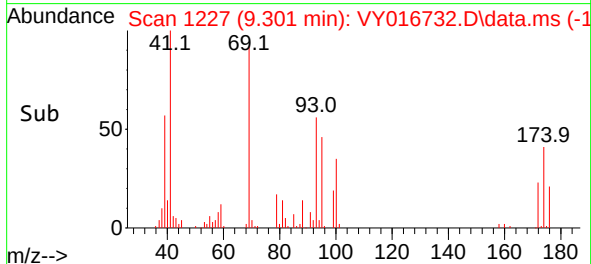
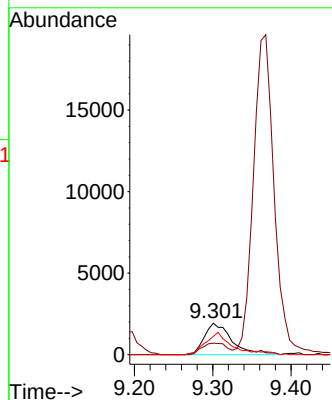
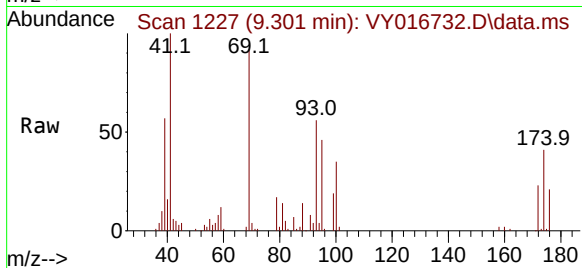
Tgt Ion: 88 Resp: 4693

Ion Ratio Lower Upper

88 100

43 33.7 28.2 42.4

58 68.5 52.2 78.2



#50

Toluene-d8

Concen: 20.794 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016732.D

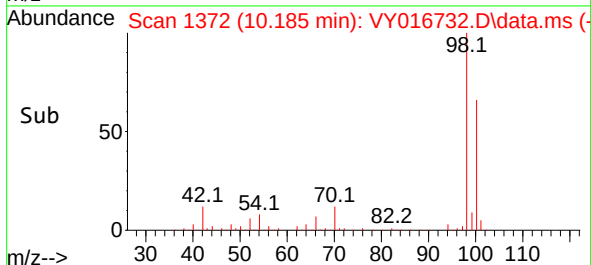
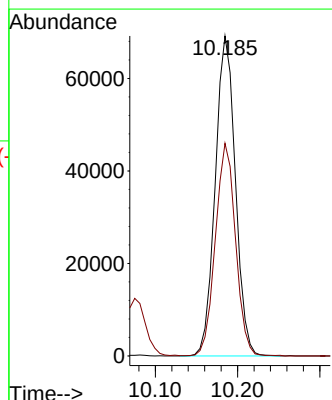
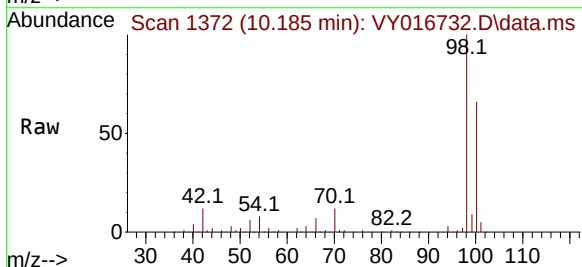
Acq: 20 Dec 2023 18:32

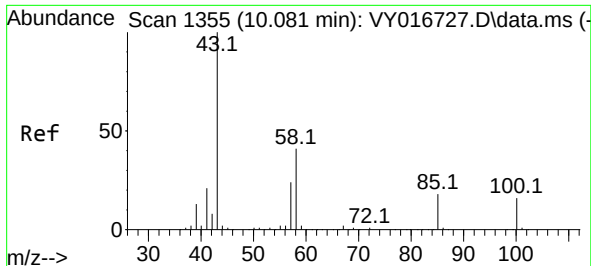
Tgt Ion: 98 Resp: 117755

Ion Ratio Lower Upper

98 100

100 66.6 52.3 78.5

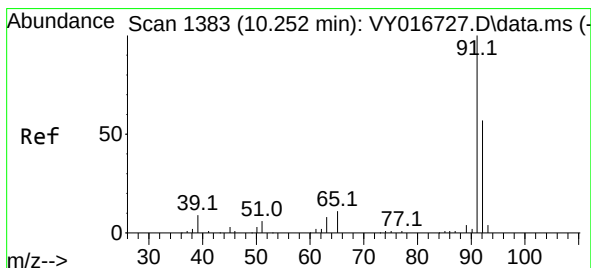
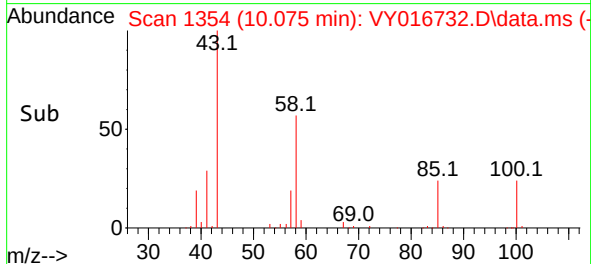
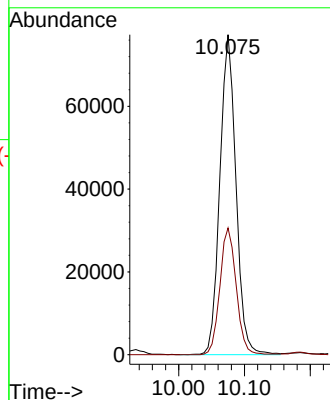
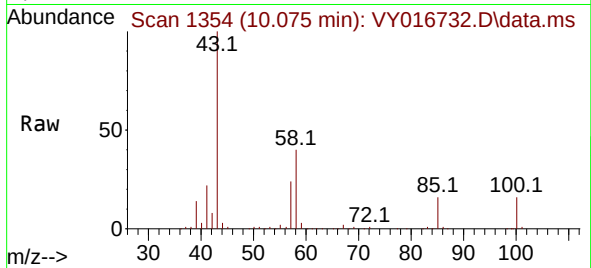




#51
4-Methyl-2-Pentanone
Concen: 117.930 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

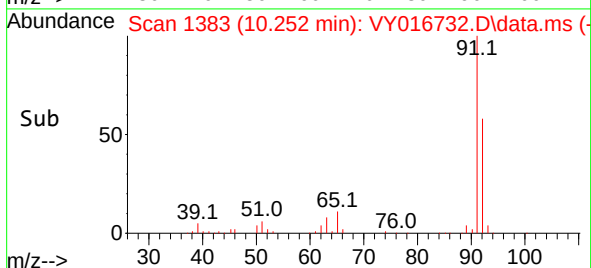
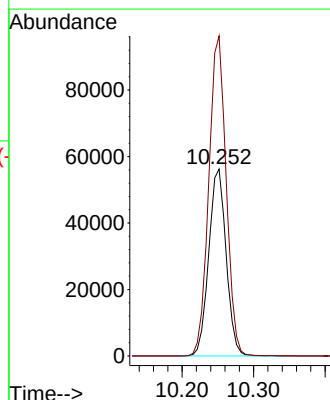
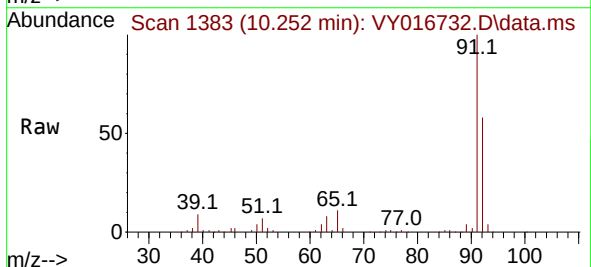
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

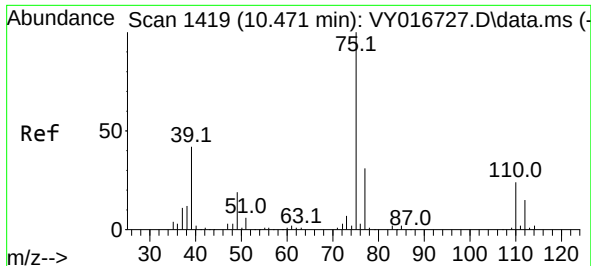
Tgt Ion: 43 Resp: 131734
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2



#52
Toluene
Concen: 21.608 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 92 Resp: 94898
Ion Ratio Lower Upper
92 100
91 171.3 137.6 206.4

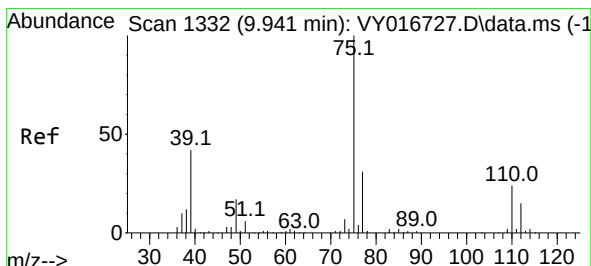
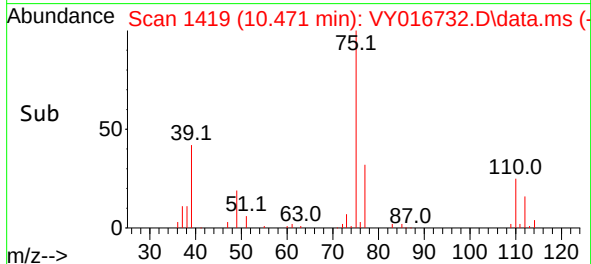
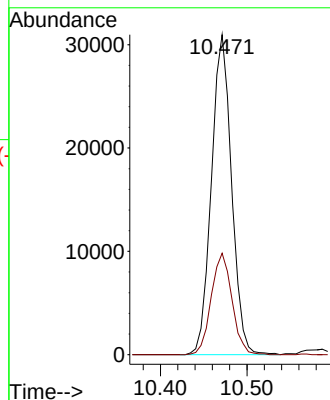
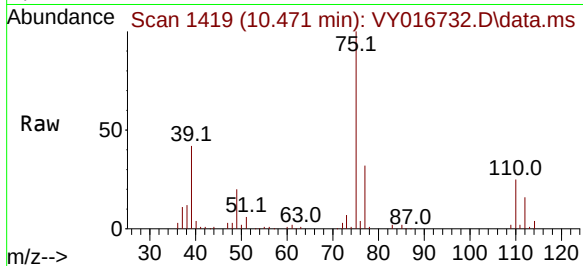




#53
t-1,3-Dichloropropene
Concen: 21.929 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

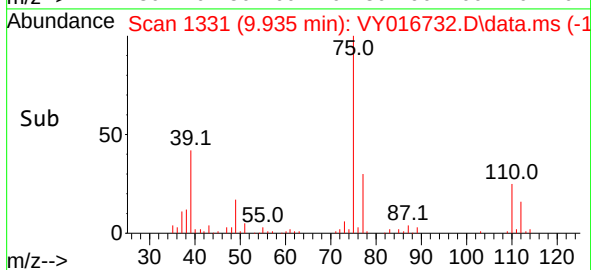
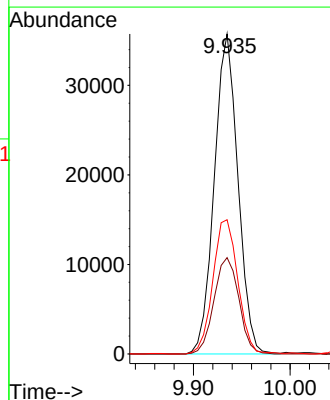
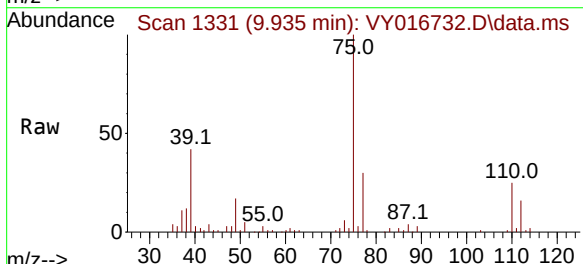
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

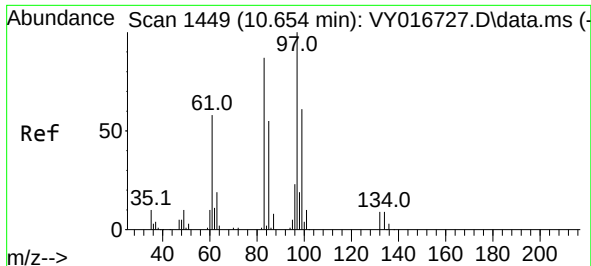
Tgt Ion: 75 Resp: 50051
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 22.009 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 75 Resp: 60592
Ion Ratio Lower Upper
75 100
77 30.1 24.6 36.8
39 42.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 22.782 ug/l

RT: 10.648 min Scan# 1449

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 30869

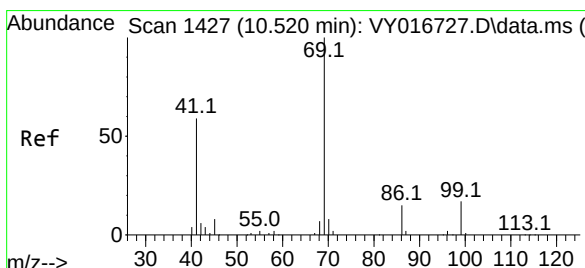
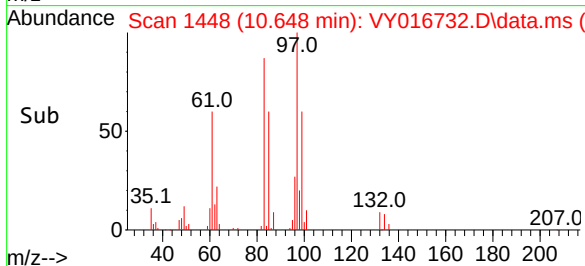
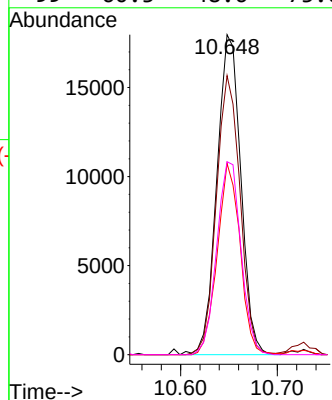
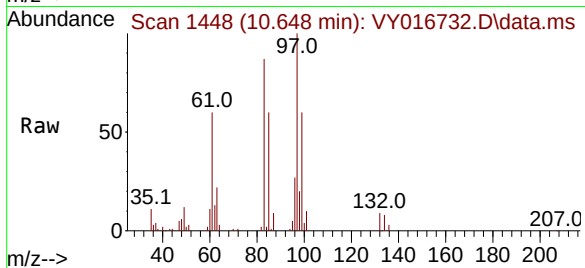
Ion Ratio Lower Upper

97 100

83 87.2 69.4 104.2

85 59.8 43.9 65.9

99 60.3 48.6 73.0



#56

Ethyl methacrylate

Concen: 22.707 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

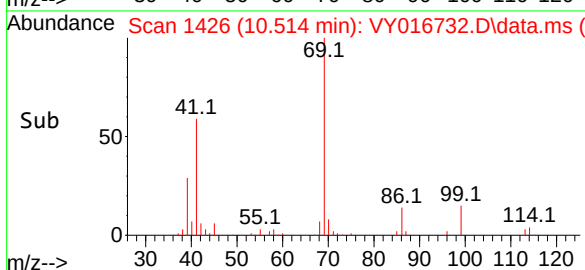
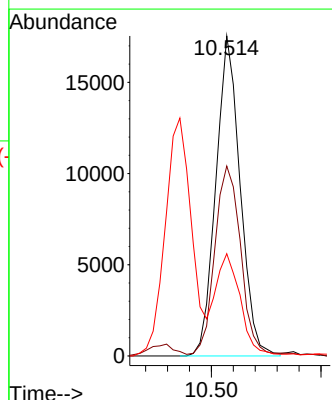
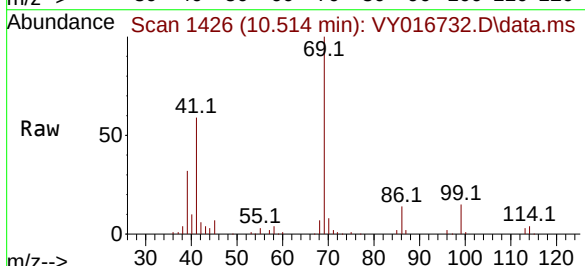
Tgt Ion: 69 Resp: 27055

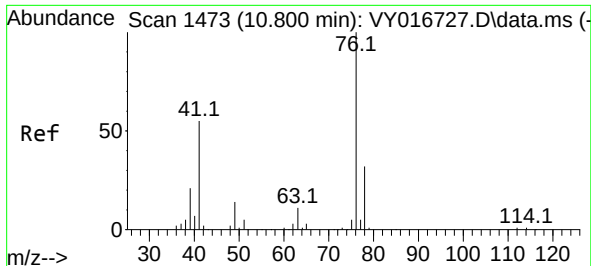
Ion Ratio Lower Upper

69 100

41 64.5 49.2 73.8

39 32.1 26.8 40.2





#57

1,3-Dichloropropane

Concen: 22.400 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

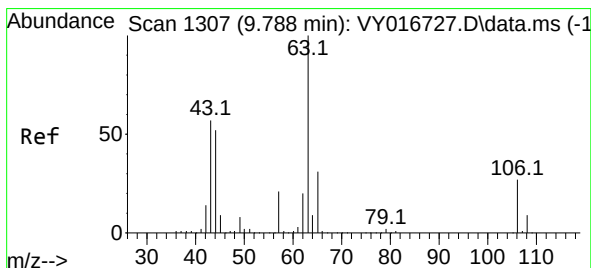
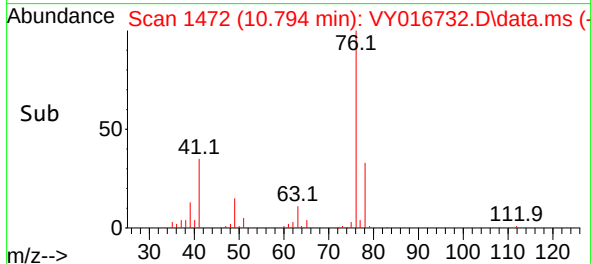
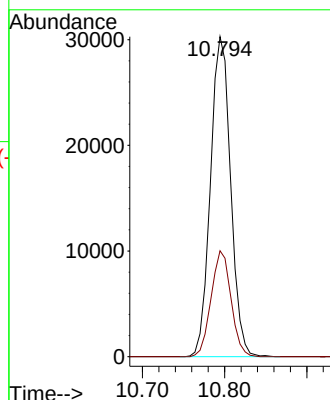
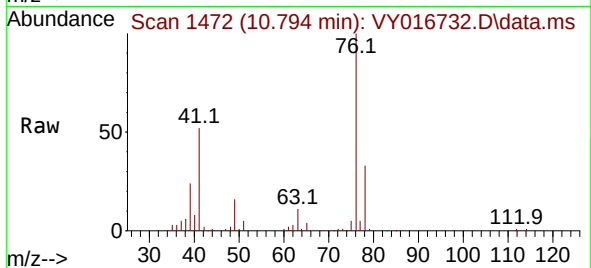
VSTDIC020

Tgt Ion: 76 Resp: 51555

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 88.922 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY016732.D

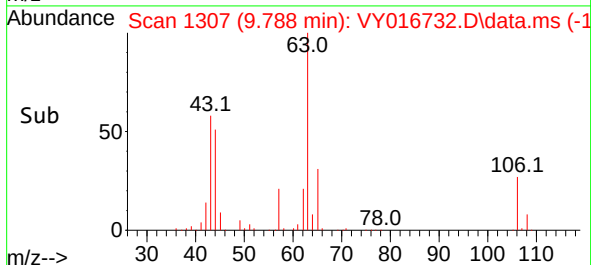
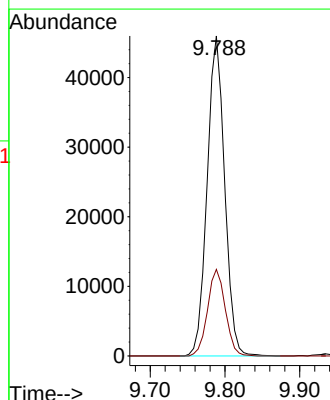
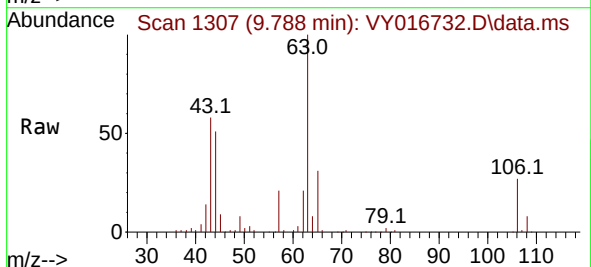
Acq: 20 Dec 2023 18:32

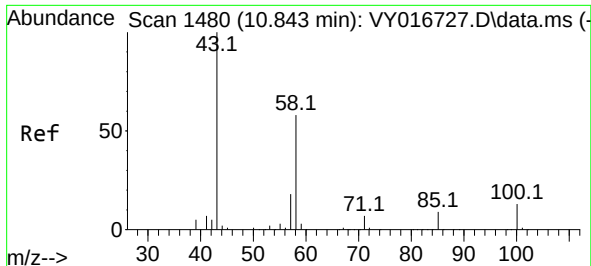
Tgt Ion: 63 Resp: 74656

Ion Ratio Lower Upper

63 100

106 27.4 22.4 33.6





#59

2-Hexanone

Concen: 125.164 ug/l

RT: 10.837 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

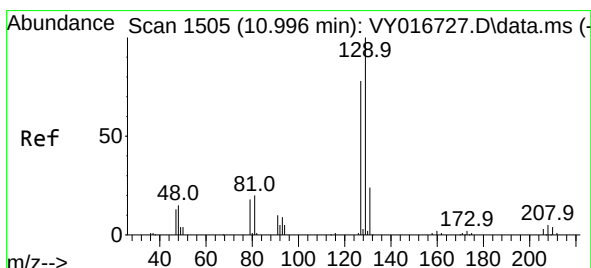
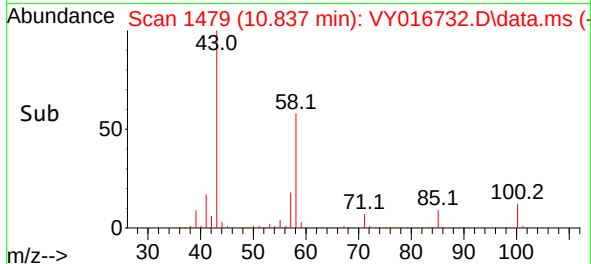
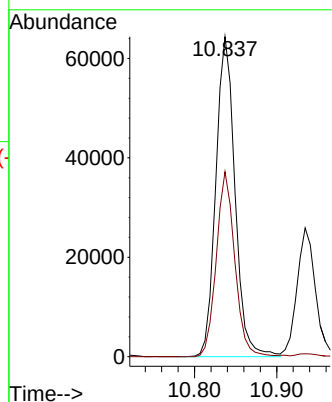
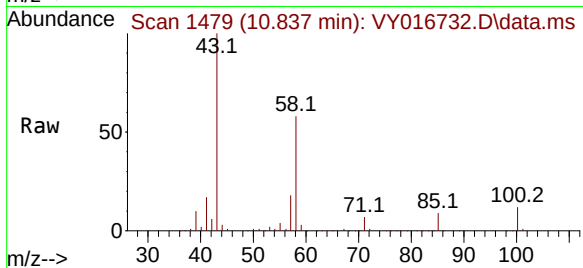
VSTDIC020

Tgt Ion: 43 Resp: 104254

Ion Ratio Lower Upper

43 100

58 55.8 28.1 84.3



#60

Dibromochloromethane

Concen: 22.229 ug/l

RT: 10.989 min Scan# 1504

Delta R.T. -0.006 min

Lab File: VY016732.D

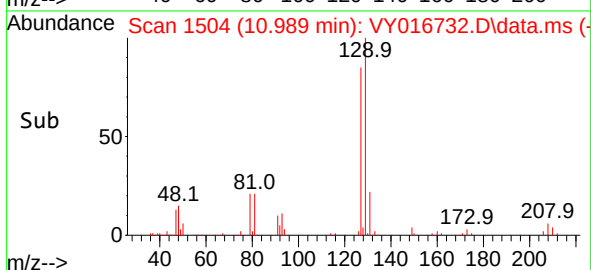
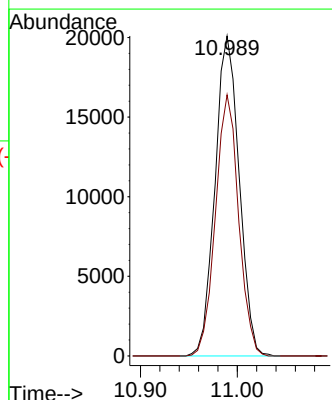
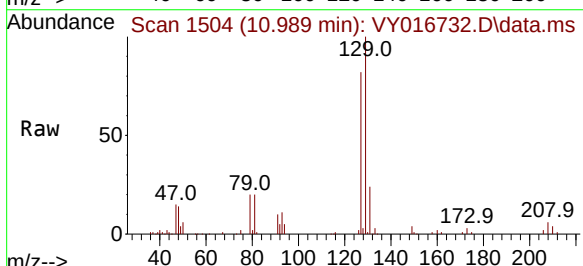
Acq: 20 Dec 2023 18:32

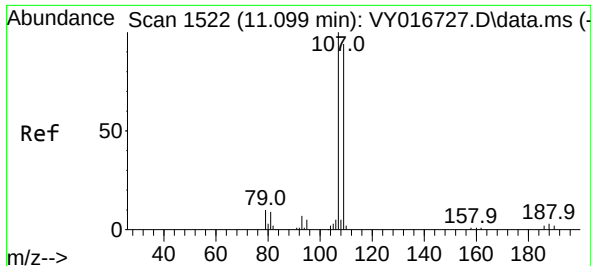
Tgt Ion:129 Resp: 34843

Ion Ratio Lower Upper

129 100

127 78.0 39.2 117.6

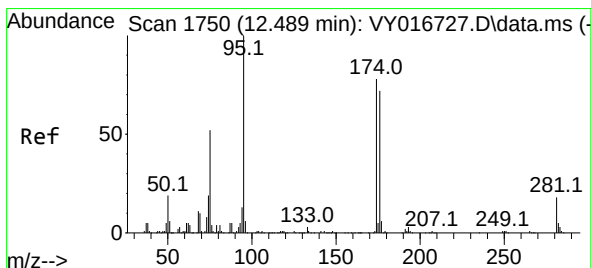
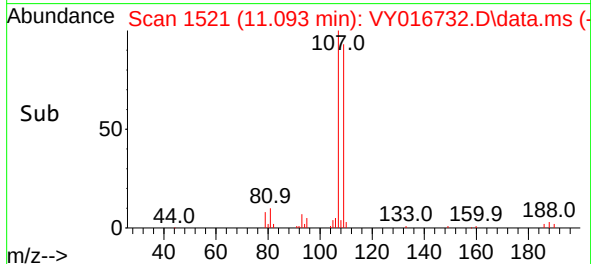
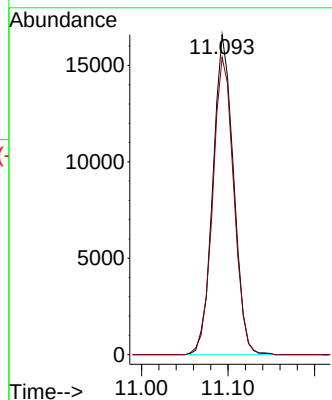
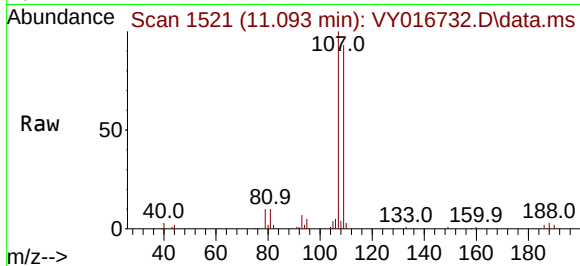




#61
1,2-Dibromoethane
Concen: 22.578 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

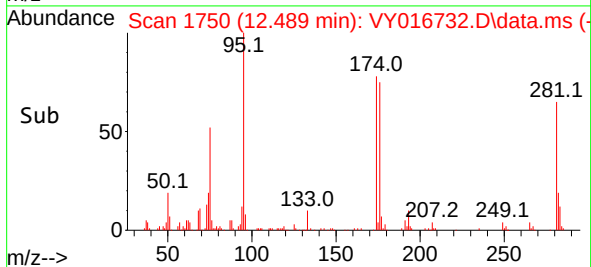
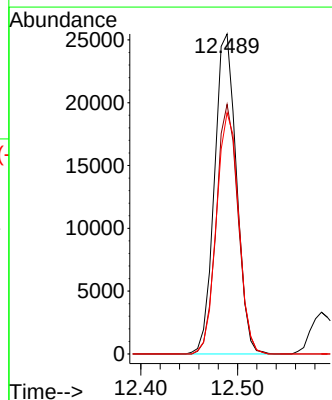
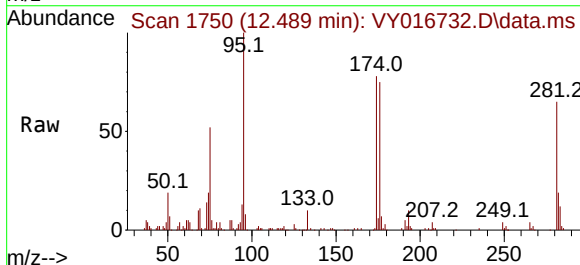
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

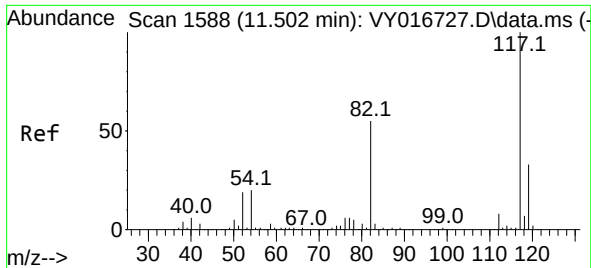
Tgt Ion:107 Resp: 27436
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 21.882 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 95 Resp: 40202
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.0
176 76.4 0.0 151.8

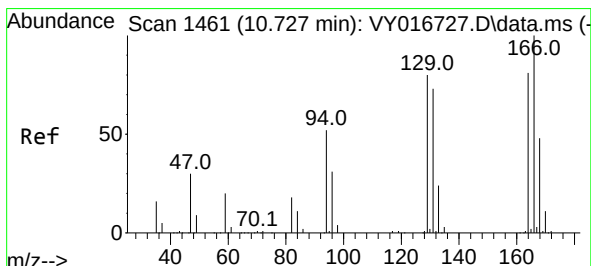
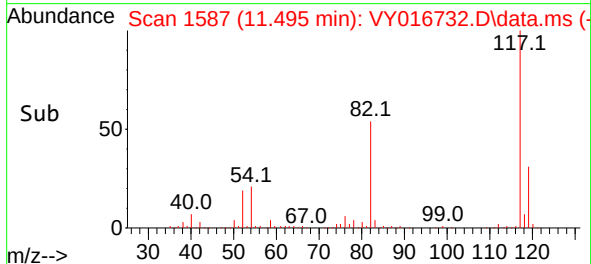
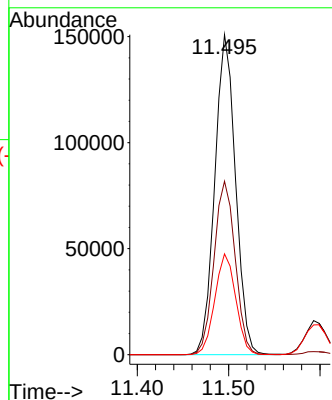
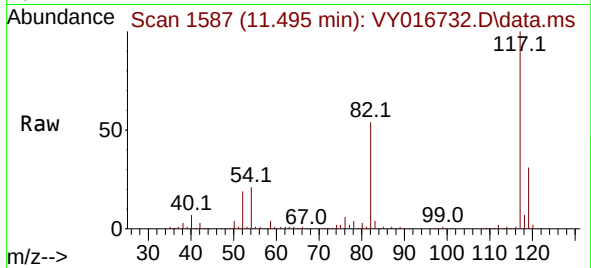




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

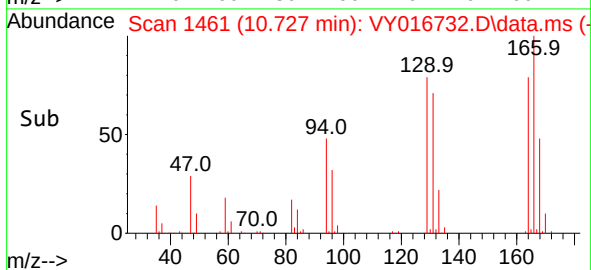
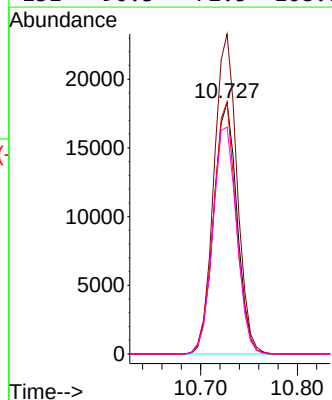
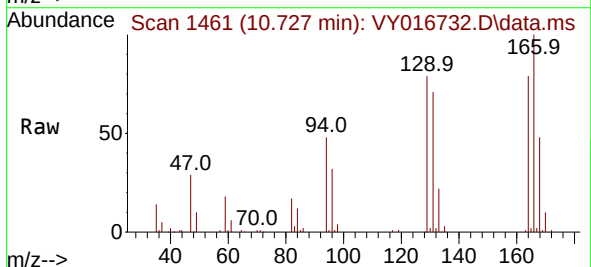
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

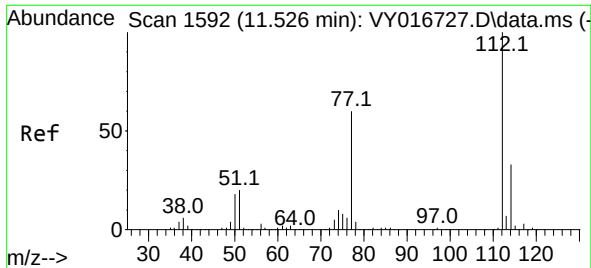
Tgt Ion:117 Resp: 238380
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 20.631 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion:164 Resp: 30551
Ion Ratio Lower Upper
164 100
166 127.3 98.8 148.2
129 100.3 78.9 118.3
131 90.3 72.5 108.7

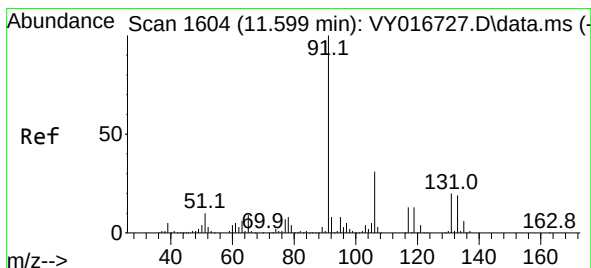
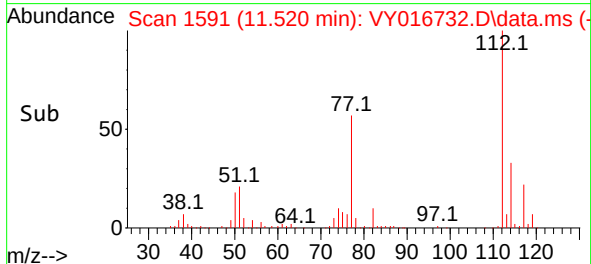
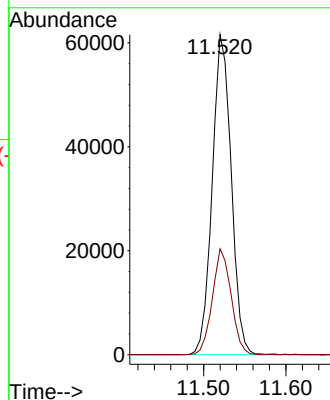
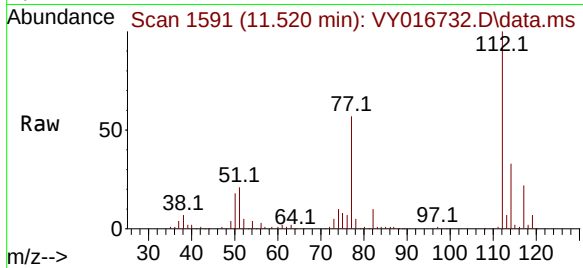




#65
Chlorobenzene
Concen: 21.097 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

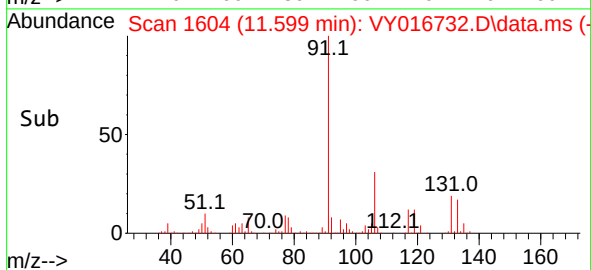
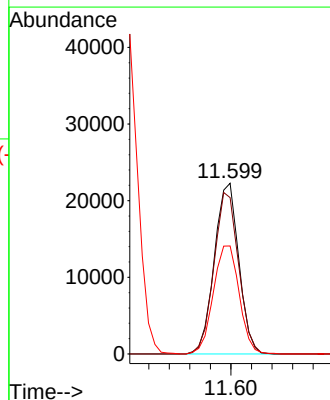
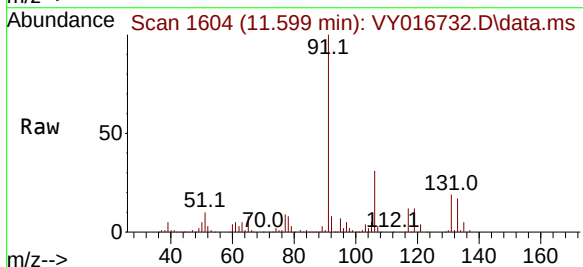
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

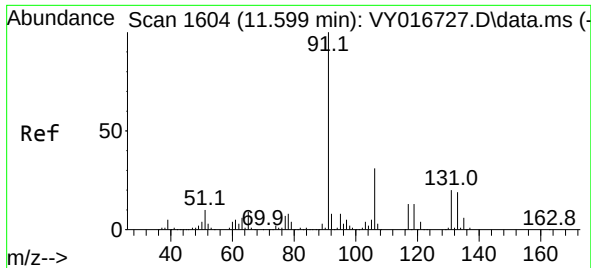
Tgt Ion:112 Resp: 98808
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.884 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion:131 Resp: 36802
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.0
119 67.0 33.3 99.9

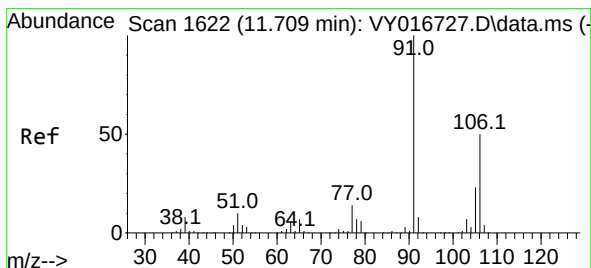
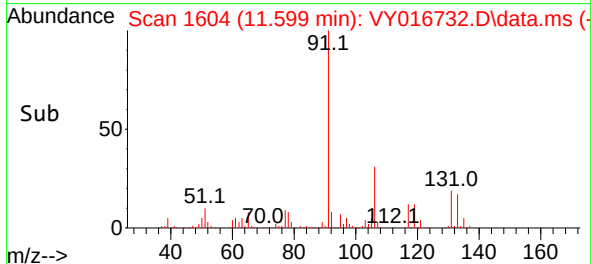
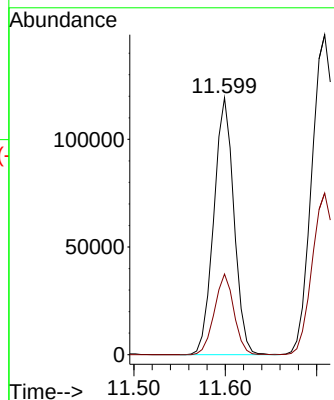
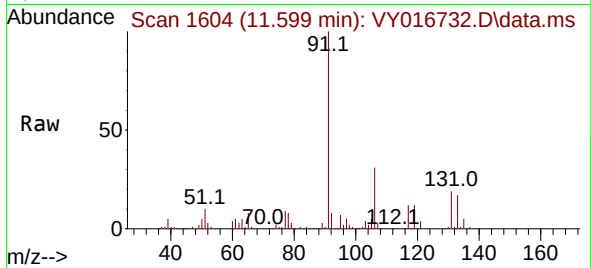




#67
Ethyl Benzene
Concen: 21.159 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

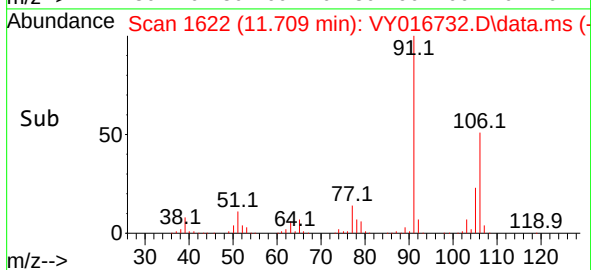
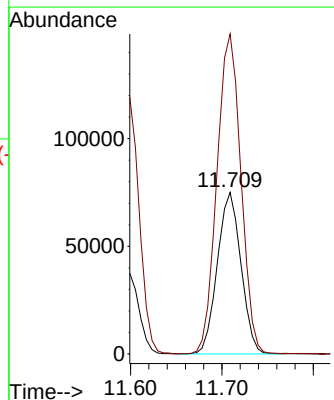
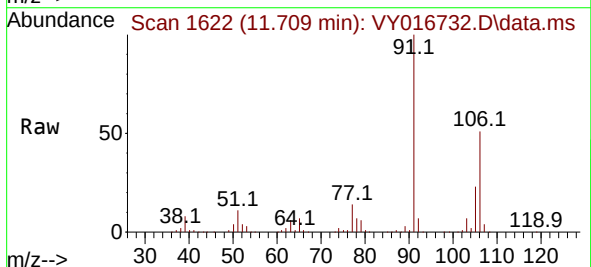
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

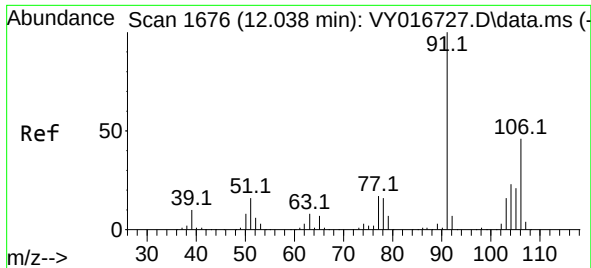
Tgt Ion: 91 Resp: 182398
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 42.317 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 106 Resp: 134707
Ion Ratio Lower Upper
106 100
91 201.2 160.7 241.1

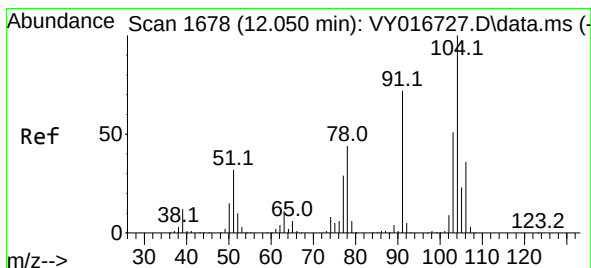
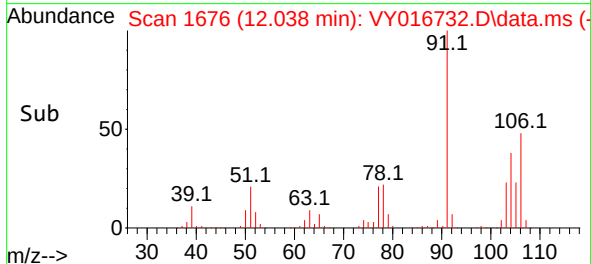
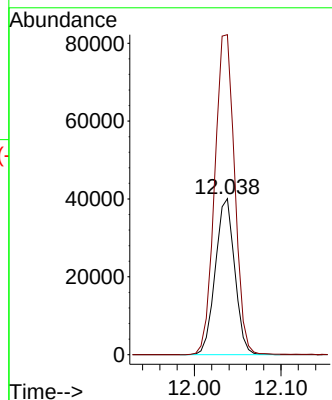
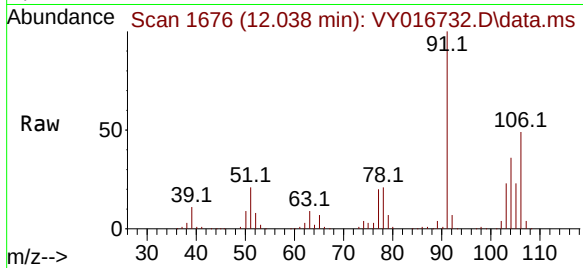




#69
o-Xylene
Concen: 21.335 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

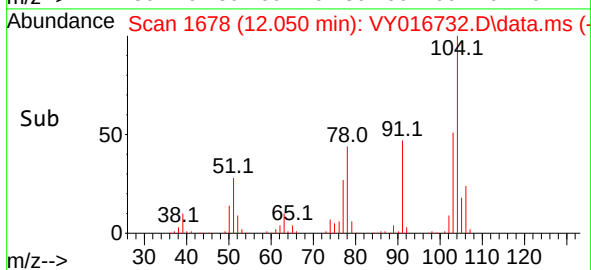
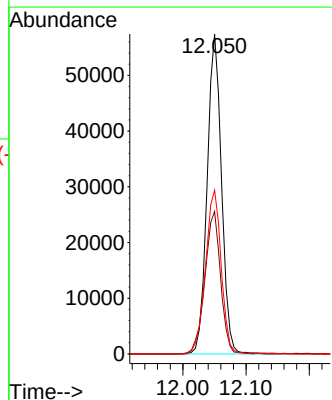
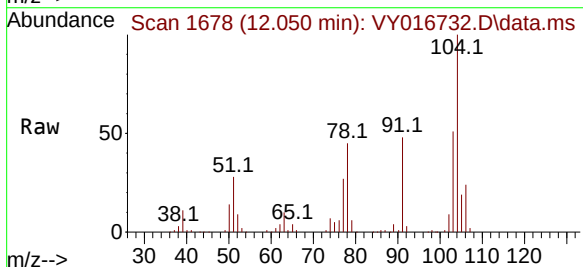
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

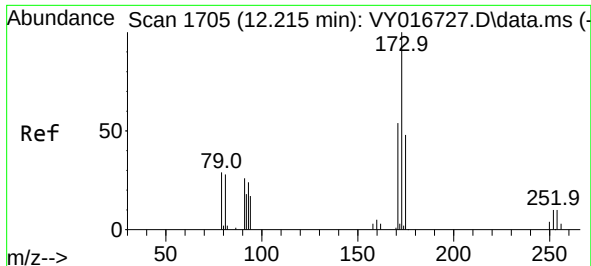
Tgt Ion:106 Resp: 62306
Ion Ratio Lower Upper
106 100
91 211.5 106.5 319.5



#70
Styrene
Concen: 21.002 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion:104 Resp: 90756
Ion Ratio Lower Upper
104 100
78 48.6 39.2 58.8
103 56.0 43.8 65.6

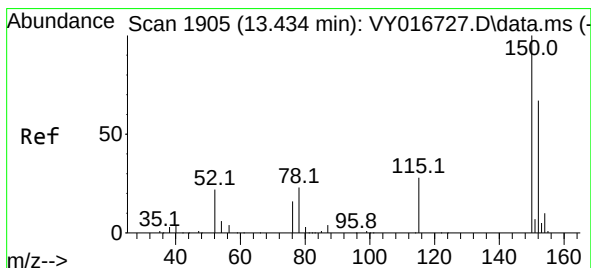
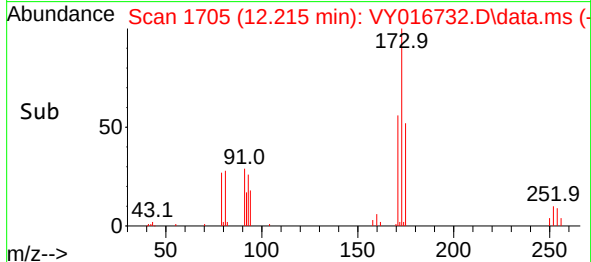
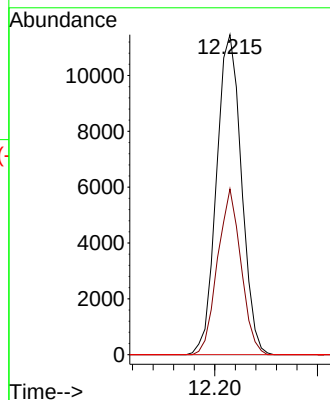
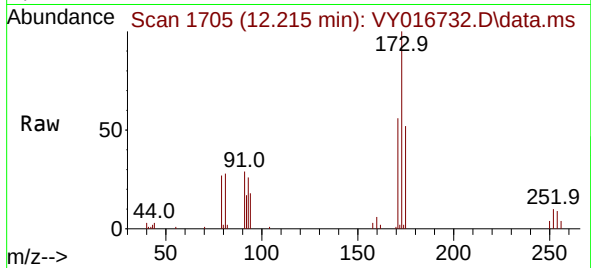




#71
Bromoform
Concen: 21.969 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

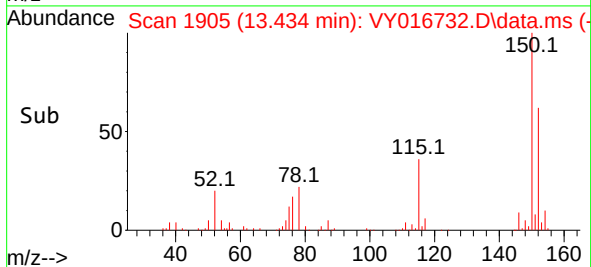
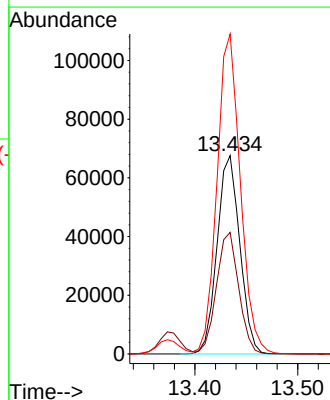
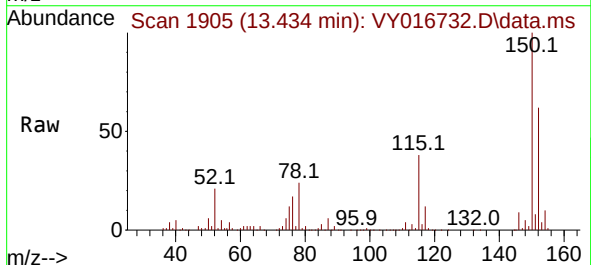
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

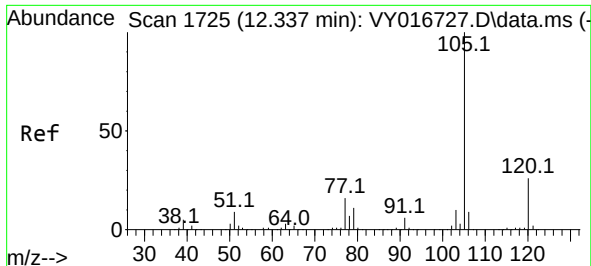
Tgt Ion:173 Resp: 19300
Ion Ratio Lower Upper
173 100
175 48.7 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion:152 Resp: 103589
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 165.6 0.0 344.6

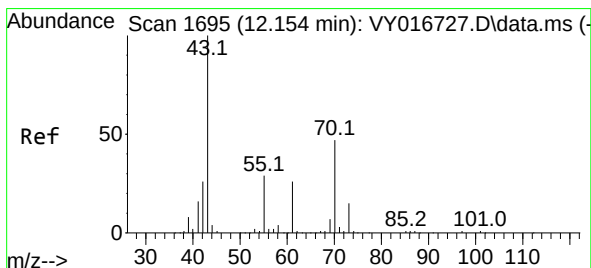
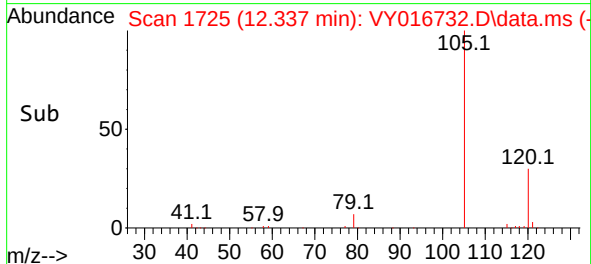
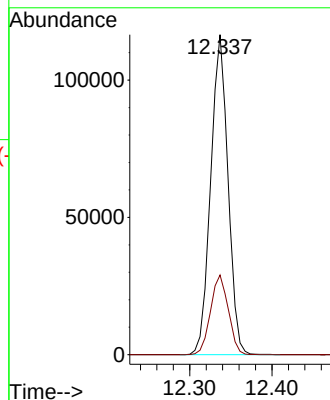
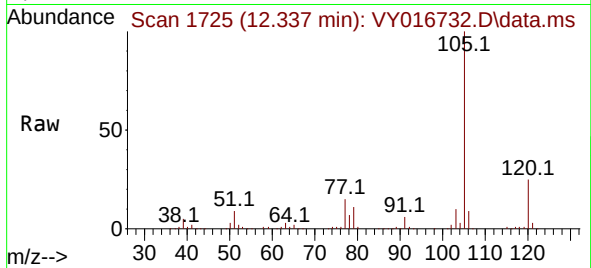




#73
Isopropylbenzene
Concen: 21.069 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

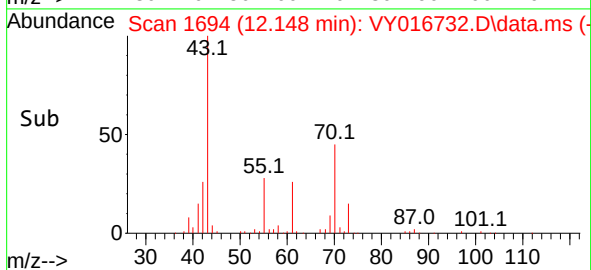
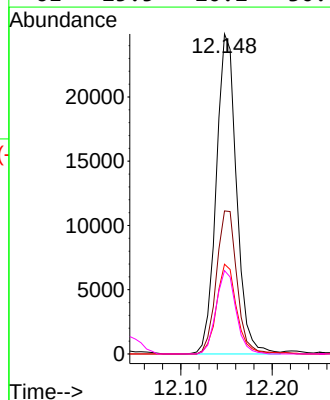
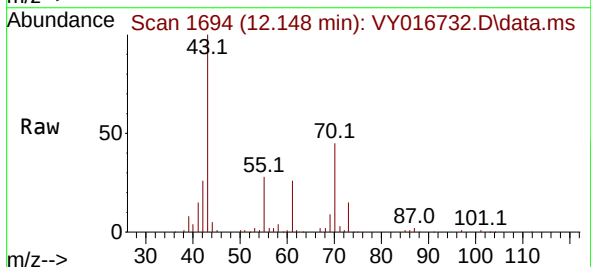
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

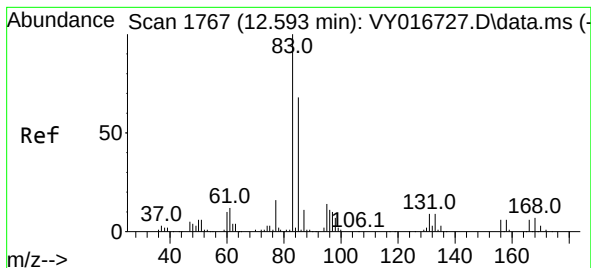
Tgt Ion:105 Resp: 169979
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0



#74
N-ethyl acetate
Concen: 22.655 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 43 Resp: 38468
Ion Ratio Lower Upper
43 100
70 45.5 36.6 55.0
55 28.1 22.2 33.4
61 25.5 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.091 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

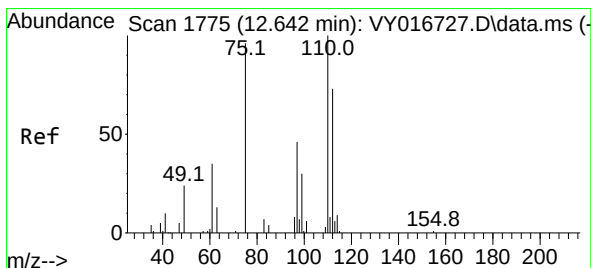
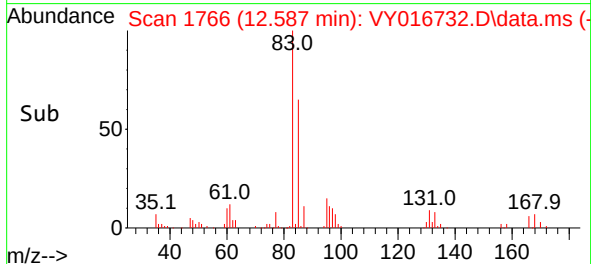
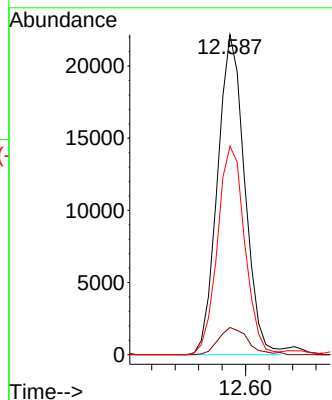
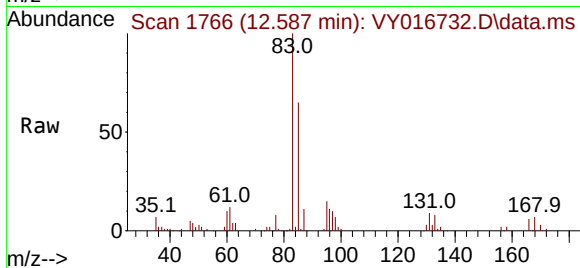
Tgt Ion: 83 Resp: 35615

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.6

85 65.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 37.431 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016732.D

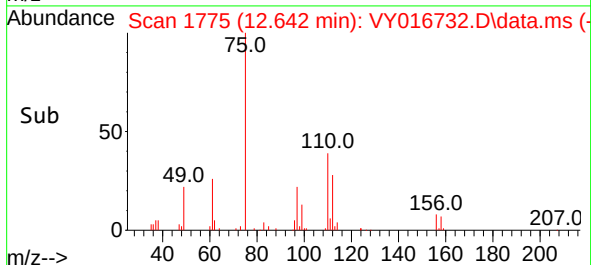
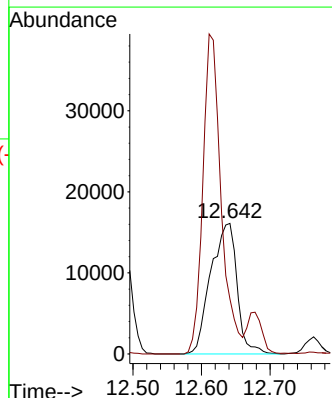
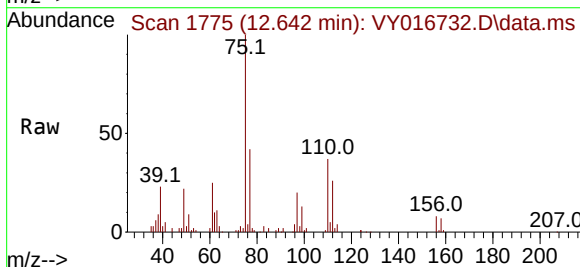
Acq: 20 Dec 2023 18:32

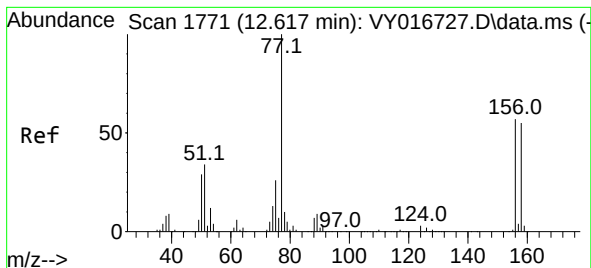
Tgt Ion: 75 Resp: 42930

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.417 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

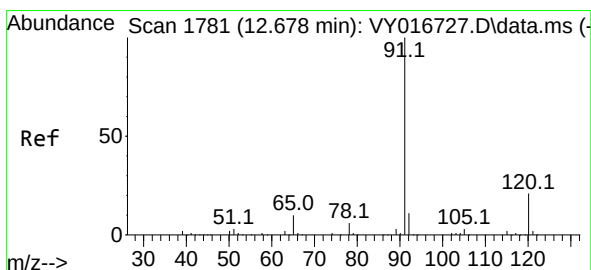
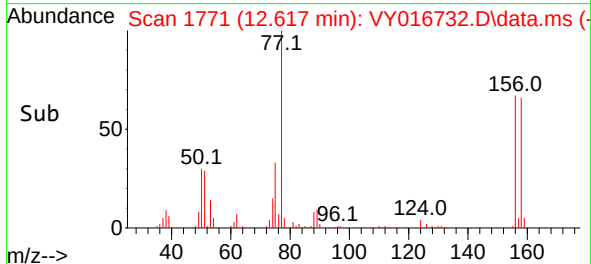
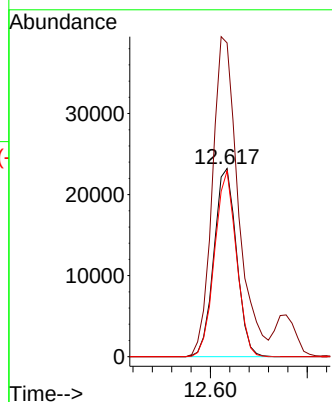
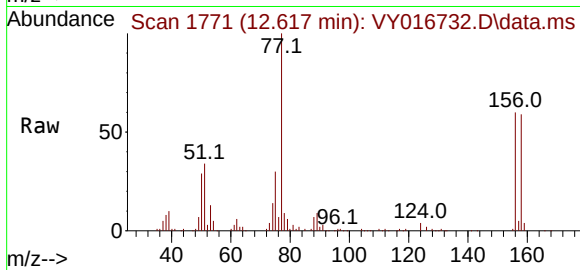
Tgt Ion:156 Resp: 37694

Ion Ratio Lower Upper

156 100

77 195.0 97.3 291.8

158 95.3 48.4 145.0



#78

n-propylbenzene

Concen: 21.068 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016732.D

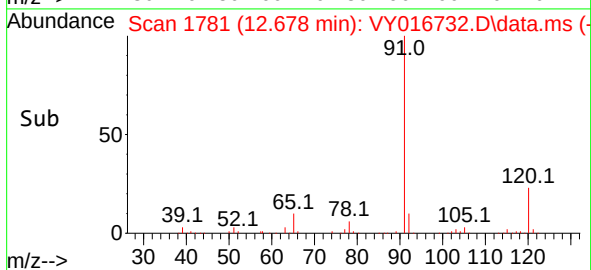
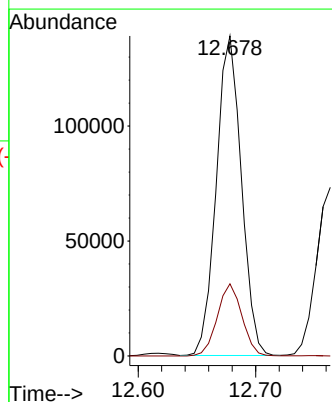
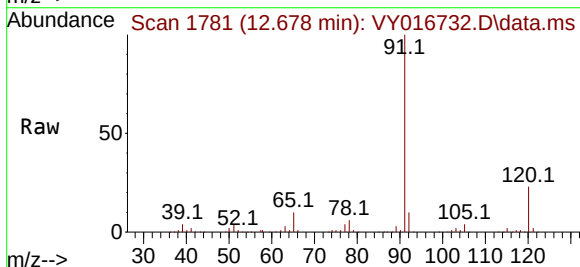
Acq: 20 Dec 2023 18:32

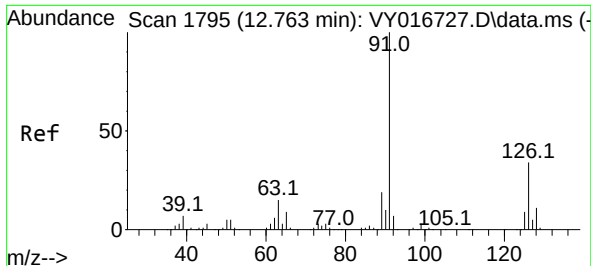
Tgt Ion: 91 Resp: 205932

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.995 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

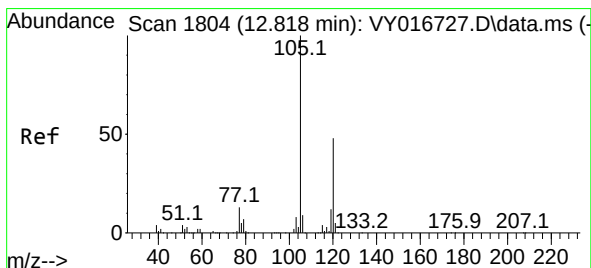
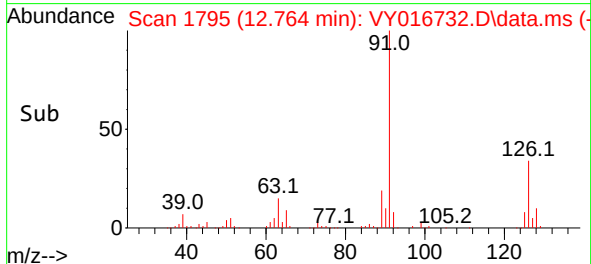
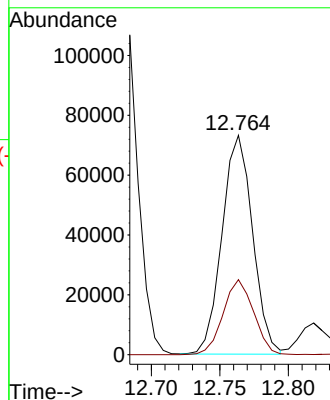
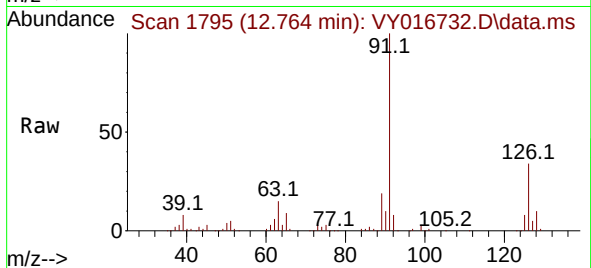
VSTDICC020

Tgt Ion: 91 Resp: 113557

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.456 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016732.D

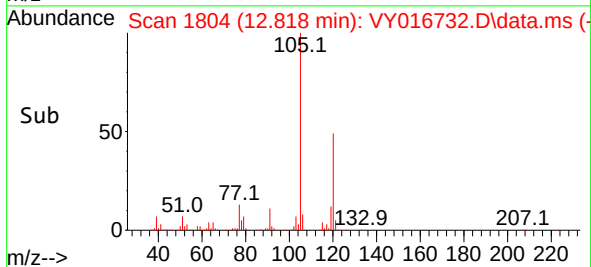
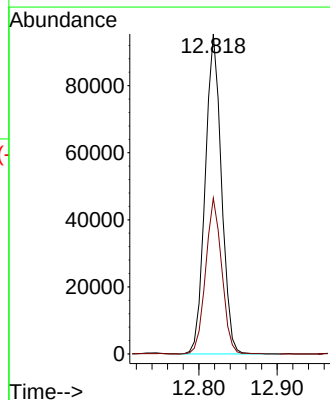
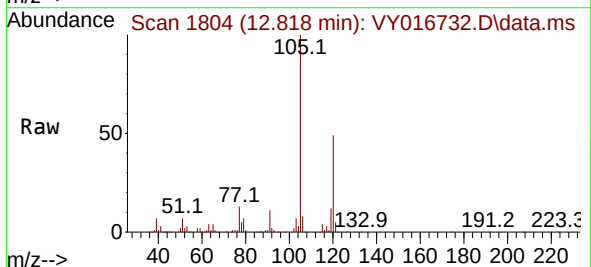
Acq: 20 Dec 2023 18:32

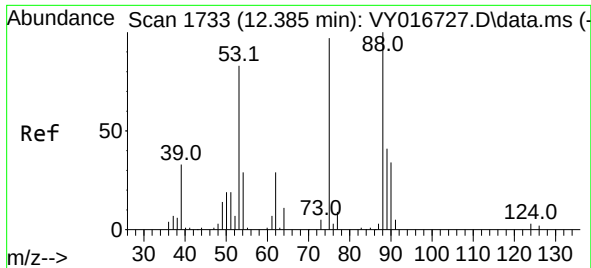
Tgt Ion:105 Resp: 137021

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8

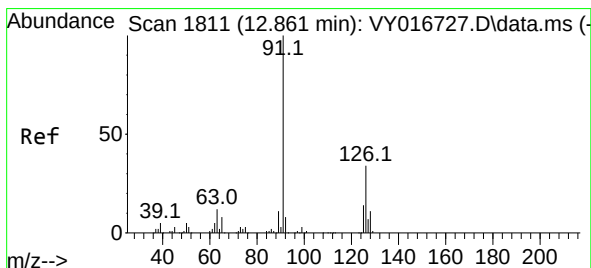
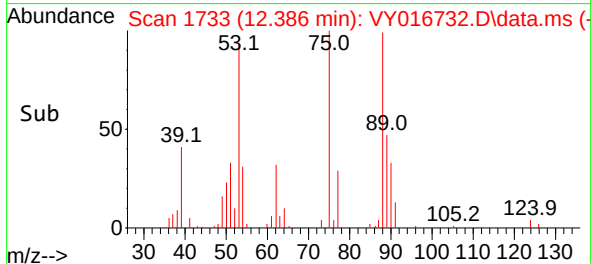
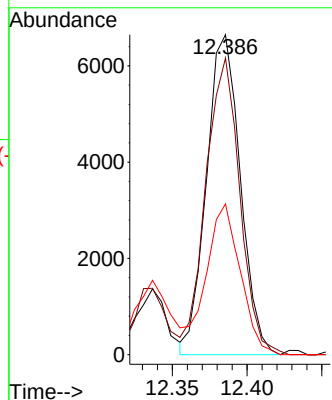
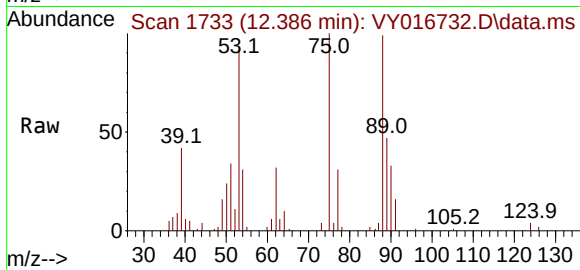




#81
trans-1,4-Dichloro-2-butene
Concen: 21.441 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

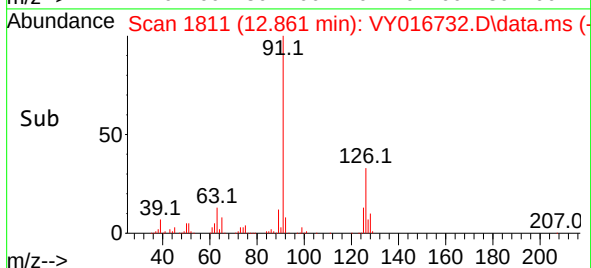
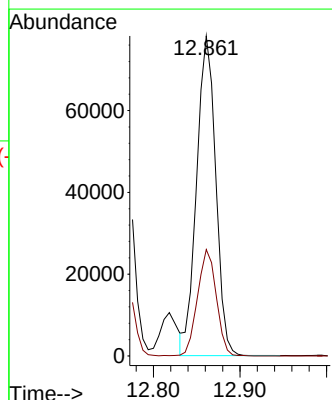
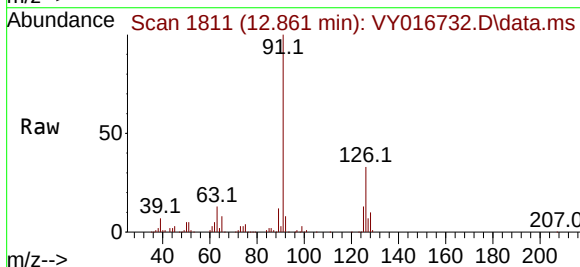
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

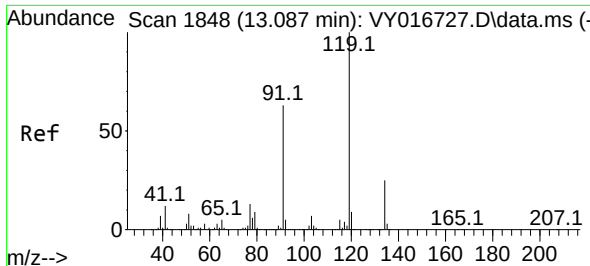
Tgt Ion: 75 Resp: 10455
Ion Ratio Lower Upper
75 100
53 93.2 74.0 111.0
89 48.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.588 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 91 Resp: 119786
Ion Ratio Lower Upper
91 100
126 32.8 17.1 51.2

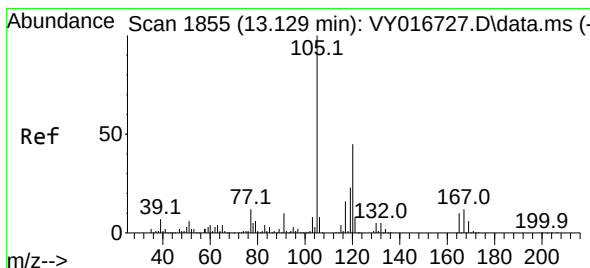
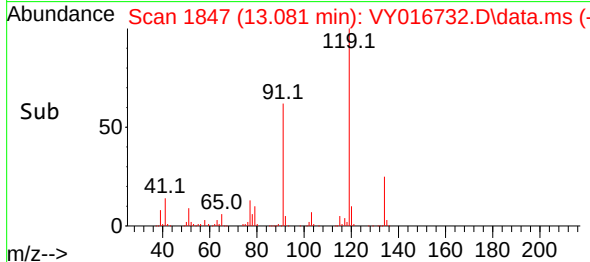
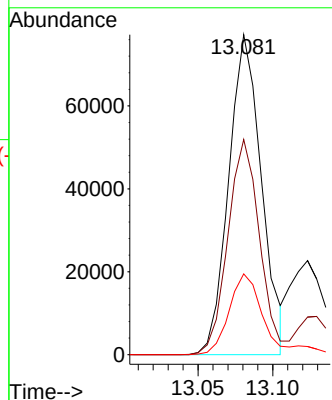
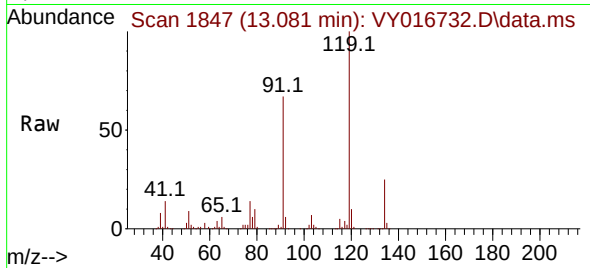




#83
 tert-Butylbenzene
 Concen: 21.180 ug/l
 RT: 13.081 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VY016732.D
 Acq: 20 Dec 2023 18:32

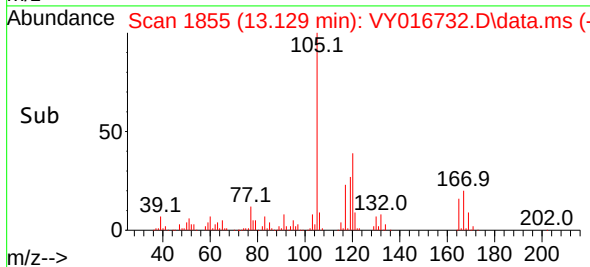
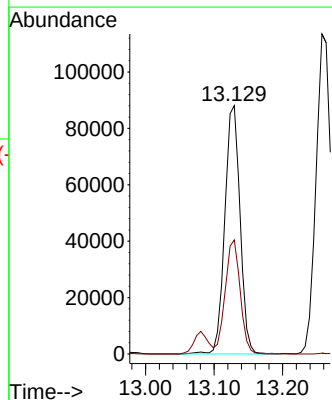
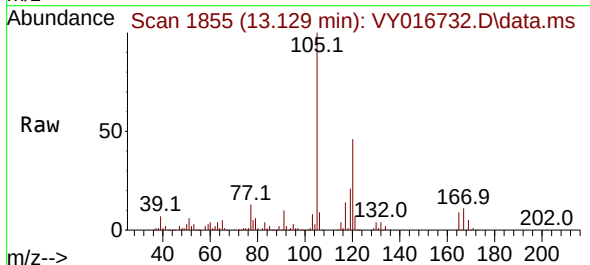
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

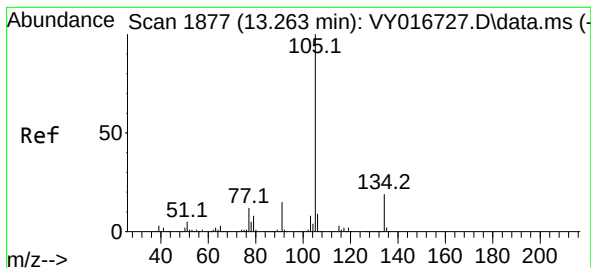
Tgt Ion:119 Resp: 117652
 Ion Ratio Lower Upper
 119 100
 91 65.6 31.5 94.5
 134 27.0 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.597 ug/l
 RT: 13.129 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: VY016732.D
 Acq: 20 Dec 2023 18:32

Tgt Ion:105 Resp: 136004
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.242 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

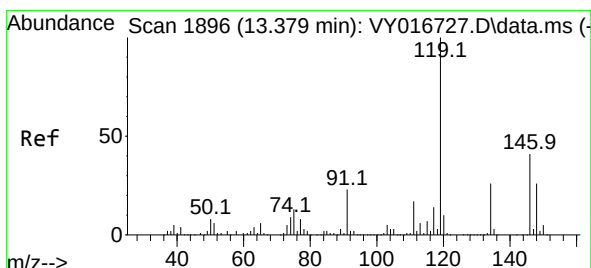
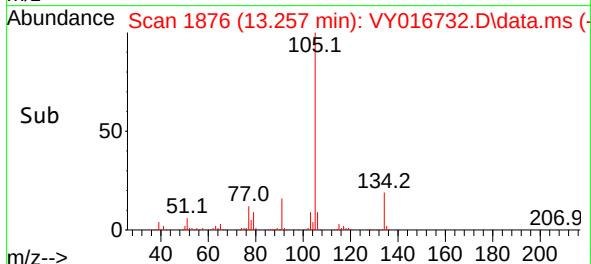
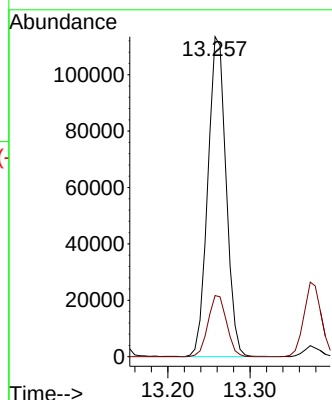
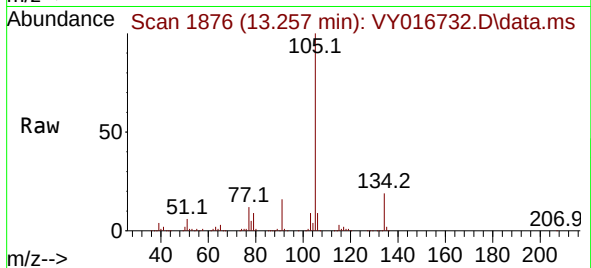
VSTDICC020

Tgt Ion:105 Resp: 174778

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.355 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

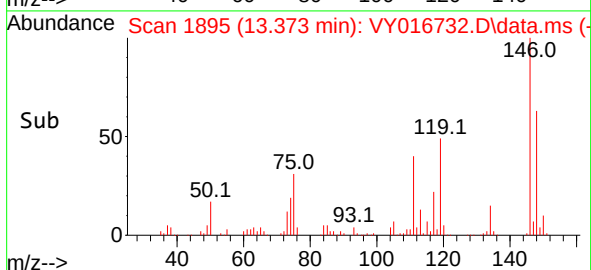
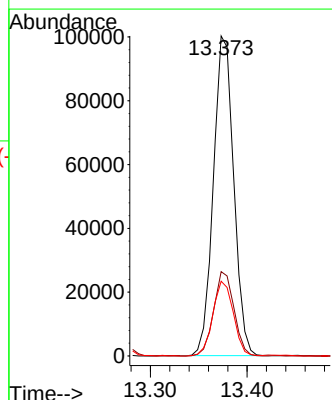
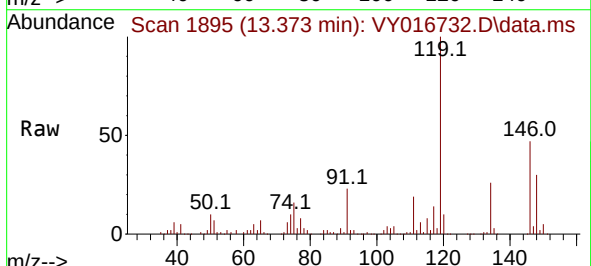
Tgt Ion:119 Resp: 146325

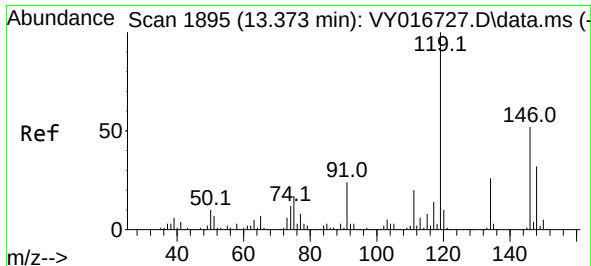
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.088 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

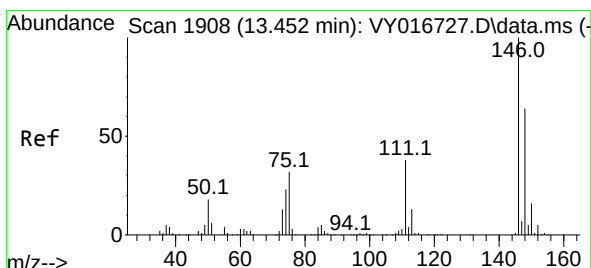
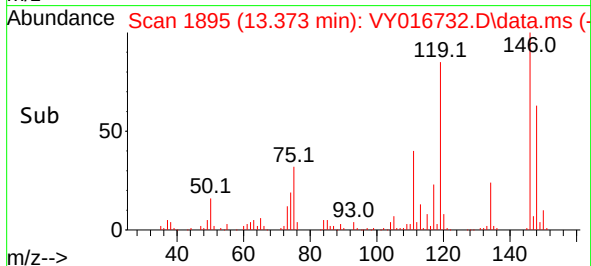
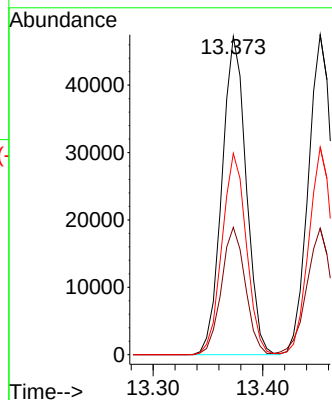
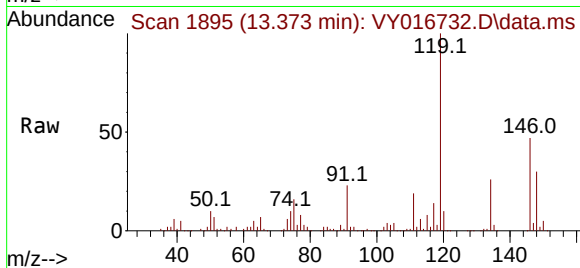
Tgt Ion:146 Resp: 72534

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.5

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.736 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

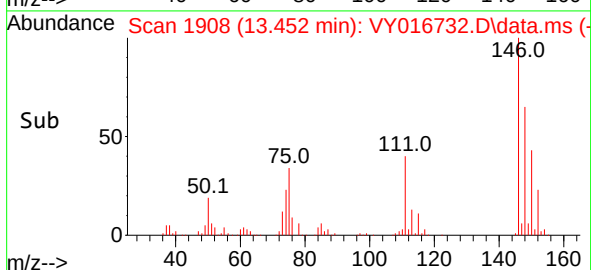
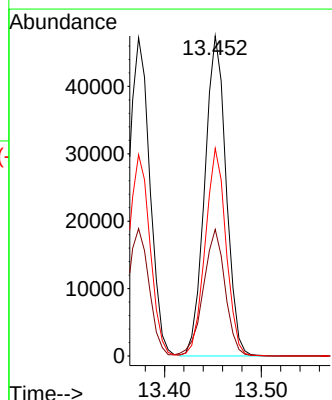
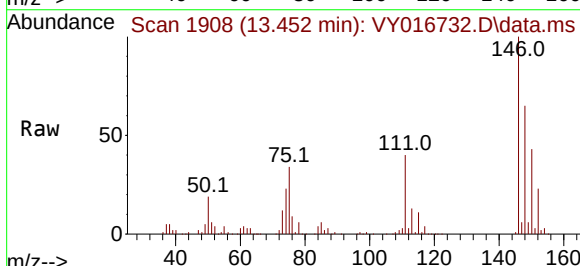
Tgt Ion:146 Resp: 73004

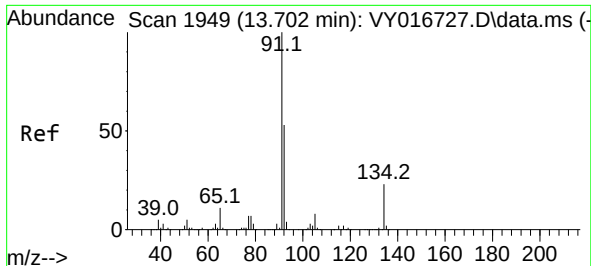
Ion Ratio Lower Upper

146 100

111 40.4 19.3 57.9

148 63.3 31.6 94.7

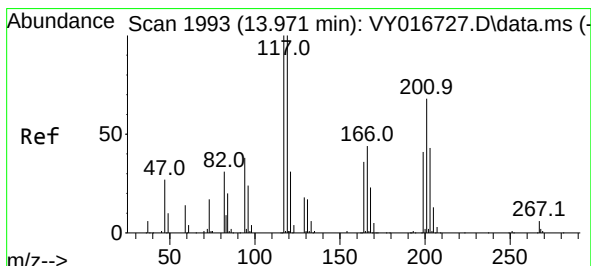
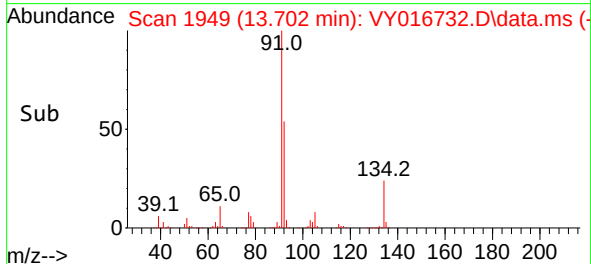
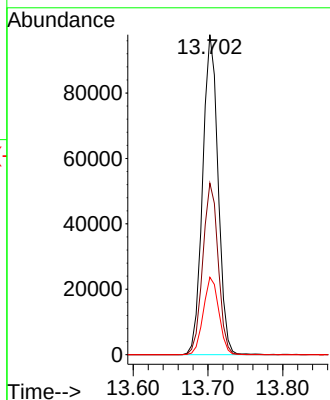
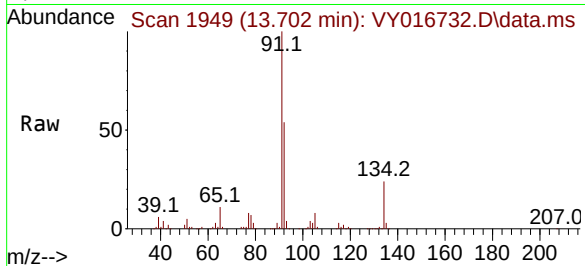




#89
n-Butylbenzene
Concen: 21.384 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

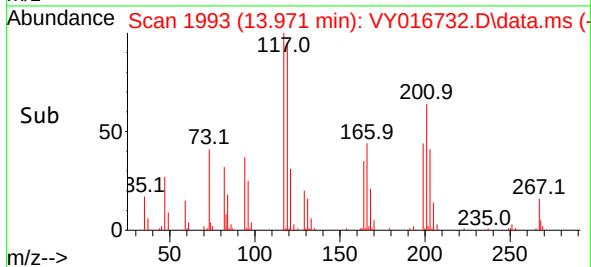
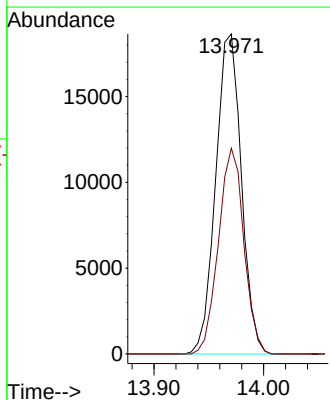
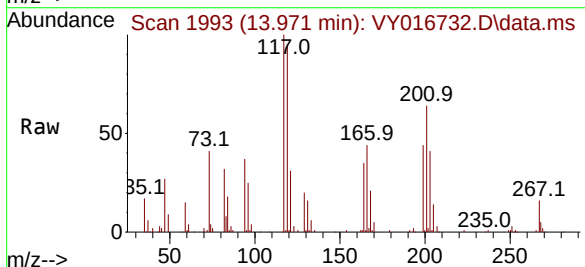
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

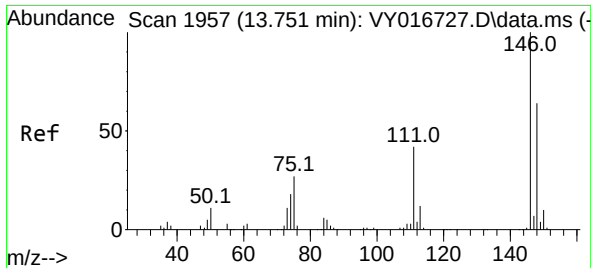
Tgt Ion: 91 Resp: 140070
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.2
134 24.4 12.3 36.8



#90
Hexachloroethane
Concen: 21.269 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY016732.D
Acq: 20 Dec 2023 18:32

Tgt Ion: 117 Resp: 30347
Ion Ratio Lower Upper
117 100
201 63.6 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.778 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

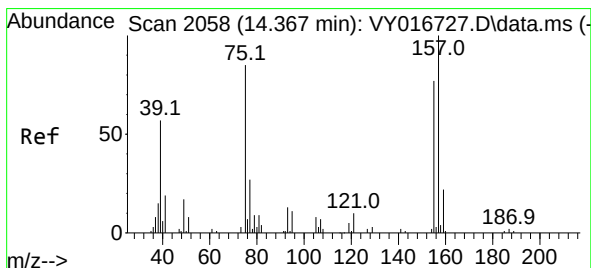
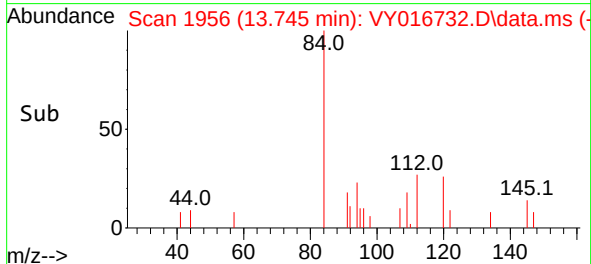
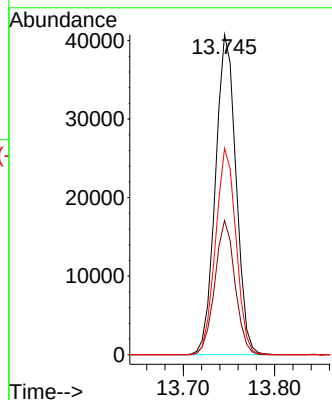
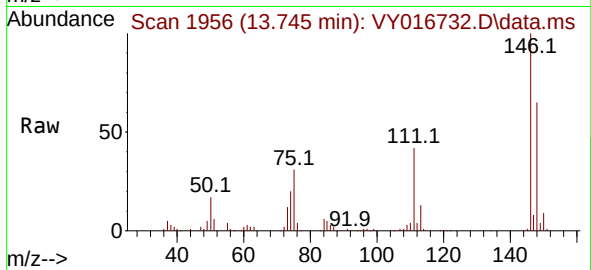
Tgt Ion:146 Resp: 63815

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 64.3 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.748 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

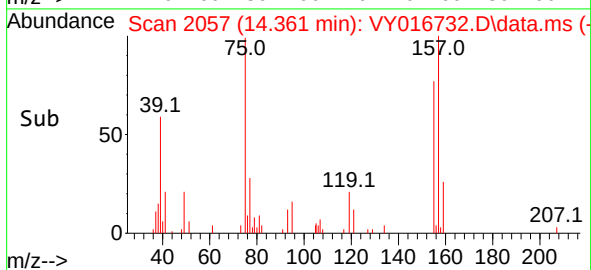
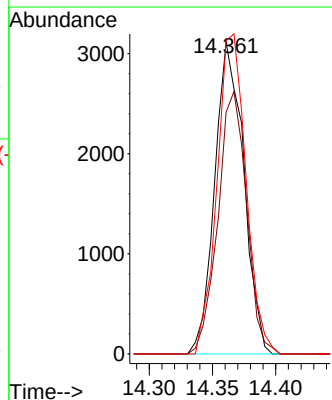
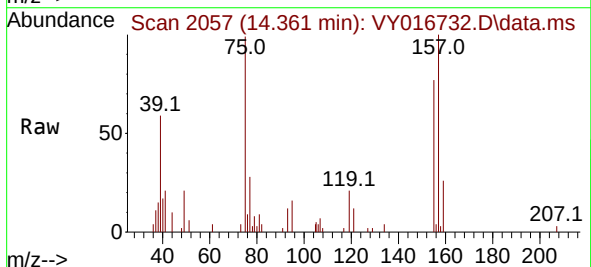
Tgt Ion: 75 Resp: 4963

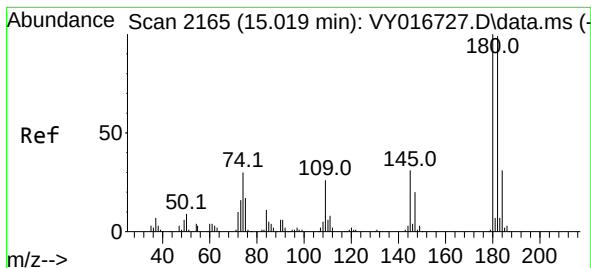
Ion Ratio Lower Upper

75 100

155 83.3 42.1 126.3

157 102.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.539 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

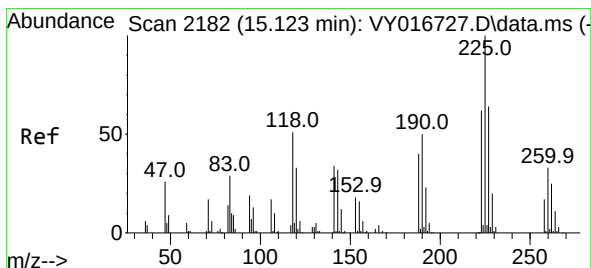
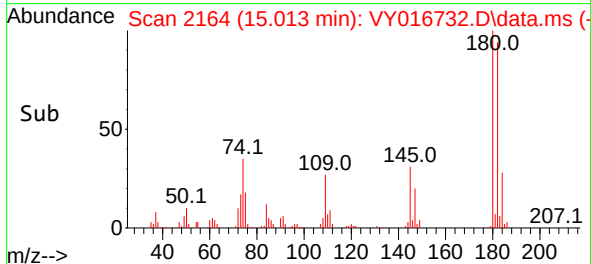
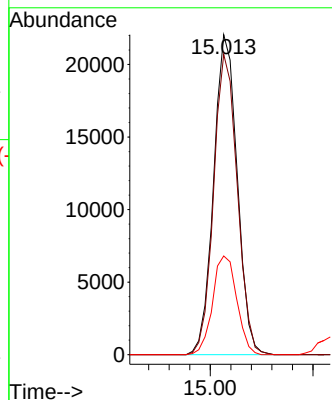
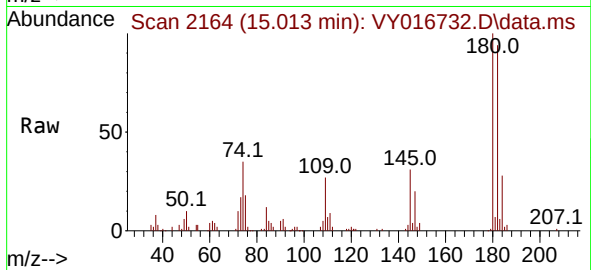
Tgt Ion:180 Resp: 35044

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.7

145 31.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.534 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

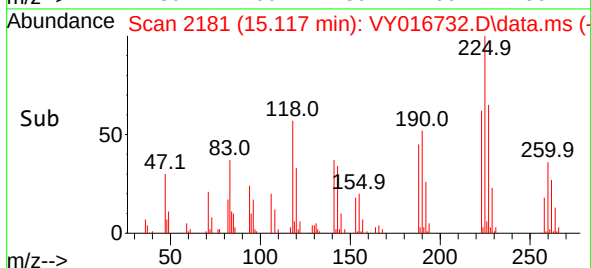
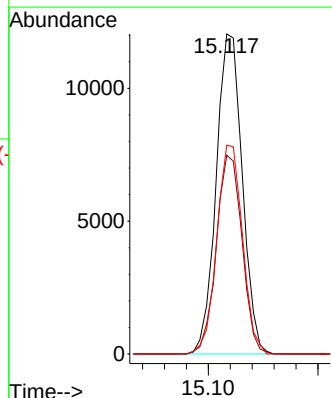
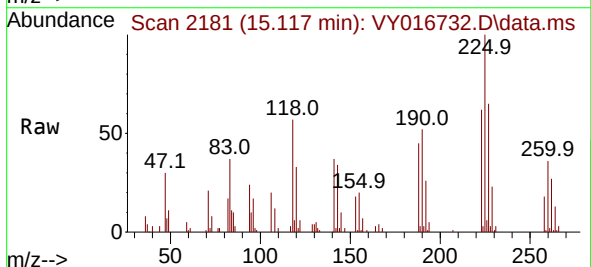
Tgt Ion:225 Resp: 19900

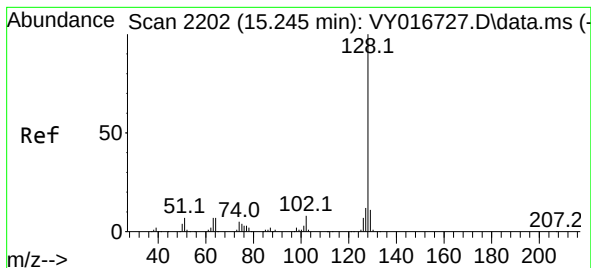
Ion Ratio Lower Upper

225 100

223 61.1 31.4 94.3

227 64.3 32.3 96.8





#95

Naphthalene

Concen: 21.836 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

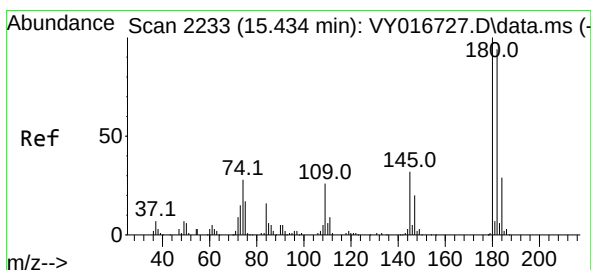
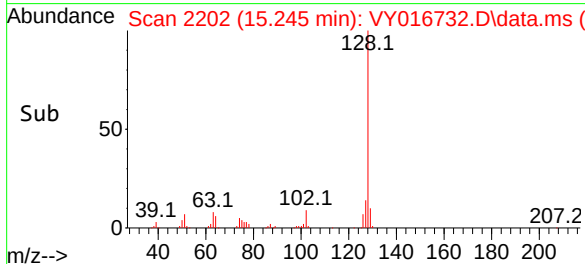
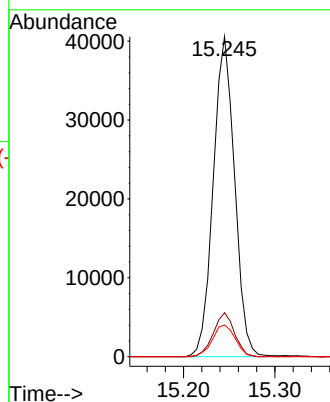
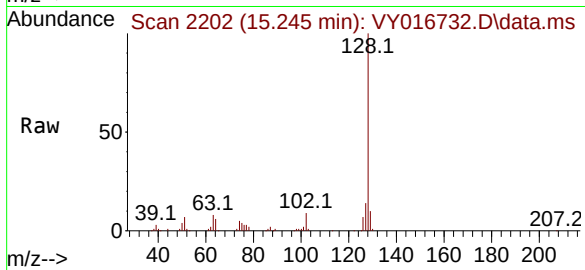
Tgt Ion:128 Resp: 65784

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 22.562 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016732.D

Acq: 20 Dec 2023 18:32

Tgt Ion:180 Resp: 29876

Ion Ratio Lower Upper

180 100

182 96.6 46.3 138.8

145 32.4 16.1 48.2

