

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012755.D
 Acq On : 02 Mar 2023 13:02
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 03 01:00:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 00:58:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	122365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	168021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	24960	20.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.080%#
35) Dibromofluoromethane	7.716	113	23230	20.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.900%#
50) Toluene-d8	10.179	98	86731	20.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	41.760%#
62) 4-Bromofluorobenzene	12.483	95	28793	20.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	41.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	26062	21.609	ug/l	99
3) Chloromethane	2.113	50	29917	20.749	ug/l	97
4) Vinyl Chloride	2.253	62	26928	20.366	ug/l	100
5) Bromomethane	2.637	94	15933	19.832	ug/l	96
6) Chloroethane	2.784	64	15730	19.865	ug/l	94
7) Trichlorofluoromethane	3.125	101	44283	20.165	ug/l	92
8) Diethyl Ether	3.527	74	14707	19.111	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	26431	20.005	ug/l	100
10) Methyl Iodide	4.088	142	34121	19.821	ug/l	99
11) Tert butyl alcohol	4.954	59	14743	92.847	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	25671	20.373	ug/l	95
13) Acrolein	3.723	56	20955	98.448	ug/l	99
14) Allyl chloride	4.478	41	45581	19.583	ug/l	99
15) Acrylonitrile	5.155	53	39493	97.398	ug/l	98
16) Acetone	3.942	43	42123	88.333	ug/l	98
17) Carbon Disulfide	4.192	76	86510	20.170	ug/l	100
18) Methyl Acetate	4.478	43	27512	19.373	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	64530	19.826	ug/l	94
20) Methylene Chloride	4.710	84	34962	20.899	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	27558	20.125	ug/l	93
22) Diisopropyl ether	6.118	45	87083	20.598	ug/l	99
23) Vinyl Acetate	6.057	43	262528	99.942	ug/l	99
24) 1,1-Dichloroethane	6.015	63	48374	20.080	ug/l	99
25) 2-Butanone	6.984	43	55734	94.362	ug/l	98
26) 2,2-Dichloropropane	6.984	77	42397	19.815	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	29350	19.992	ug/l	99
28) Bromochloromethane	7.332	49	18325	20.815	ug/l	98
29) Tetrahydrofuran	7.344	42	35060	98.420	ug/l	99
30) Chloroform	7.508	83	47998	20.171	ug/l	100
31) Cyclohexane	7.783	56	45994	19.767	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	42645	19.817	ug/l	99
36) 1,1-Dichloropropene	7.917	75	38797	20.377	ug/l	98
37) Ethyl Acetate	7.069	43	23646	19.705	ug/l	98
38) Carbon Tetrachloride	7.899	117	39944	20.316	ug/l	99
39) Methylcyclohexane	9.185	83	45235	19.984	ug/l	98
40) Benzene	8.161	78	108666	20.177	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	32927	52.336	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	32692	20.190	ug/l	99
43) Isopropyl Acetate	8.270	43	41836	19.541	ug/l	99
44) Trichloroethene	8.941	130	28700	20.212	ug/l	100
45) 1,2-Dichloropropane	9.215	63	27674	20.332	ug/l	97
46) Dibromomethane	9.301	93	15601	20.119	ug/l	98
47) Bromodichloromethane	9.496	83	36826	20.153	ug/l	99
48) Methyl methacrylate	9.289	41	19336	19.601	ug/l	99
49) 1,4-Dioxane	9.295	88	4056	404.618	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	115170	99.170	ug/l	100
52) Toluene	10.246	92	66525	20.482	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	38195	19.928	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	43525	20.063	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	21925	20.303	ug/l	97
56) Ethyl methacrylate	10.508	69	27919	19.389	ug/l	99
57) 1,3-Dichloropropane	10.788	76	37010	20.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	76541	101.258	ug/l	99
59) 2-Hexanone	10.831	43	83851	99.345	ug/l	99
60) Dibromochloromethane	10.983	129	26613	20.245	ug/l	97
61) 1,2-Dibromoethane	11.087	107	20398	19.609	ug/l	98
64) Tetrachloroethene	10.721	164	24845	20.310	ug/l	96
65) Chlorobenzene	11.514	112	71277	20.213	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	26088	19.993	ug/l	99
67) Ethyl Benzene	11.593	91	123669	19.947	ug/l	100
68) m/p-Xylenes	11.703	106	97022	40.679	ug/l	100
69) o-Xylene	12.032	106	44778	20.116	ug/l	98
70) Styrene	12.044	104	74939	20.174	ug/l	99
71) Bromoform	12.209	173	16621	19.536	ug/l #	100
73) Isopropylbenzene	12.331	105	119782	19.713	ug/l	100
74) N-amyl acetate	12.142	43	36501	19.092	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	27084	19.829	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	33701	32.916	ug/l #	100
77) Bromobenzene	12.611	156	29087	19.705	ug/l	97
78) n-propylbenzene	12.672	91	147763	19.724	ug/l	100
79) 2-Chlorotoluene	12.757	91	83042	19.945	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	100756	20.093	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9535	19.297	ug/l	96
82) 4-Chlorotoluene	12.855	91	85461	19.829	ug/l	100
83) tert-Butylbenzene	13.075	119	86421	19.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	99161	20.223	ug/l	100
85) sec-Butylbenzene	13.251	105	132814	20.115	ug/l	99
86) p-Isopropyltoluene	13.367	119	110571	20.490	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	57459	20.183	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	58387	20.095	ug/l	99
89) n-Butylbenzene	13.696	91	102766	19.892	ug/l	100
90) Hexachloroethane	13.958	117	22444	19.969	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	51297	19.932	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4295	19.457	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	31344	19.781	ug/l	97
94) Hexachlorobutadiene	15.111	225	19159	19.824	ug/l	97
95) Naphthalene	15.239	128	59752	18.818	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	27314	19.382	ug/l	99

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QLast Update : Fri Mar 03 00:58:32 2023
Response via : Initial Calibration

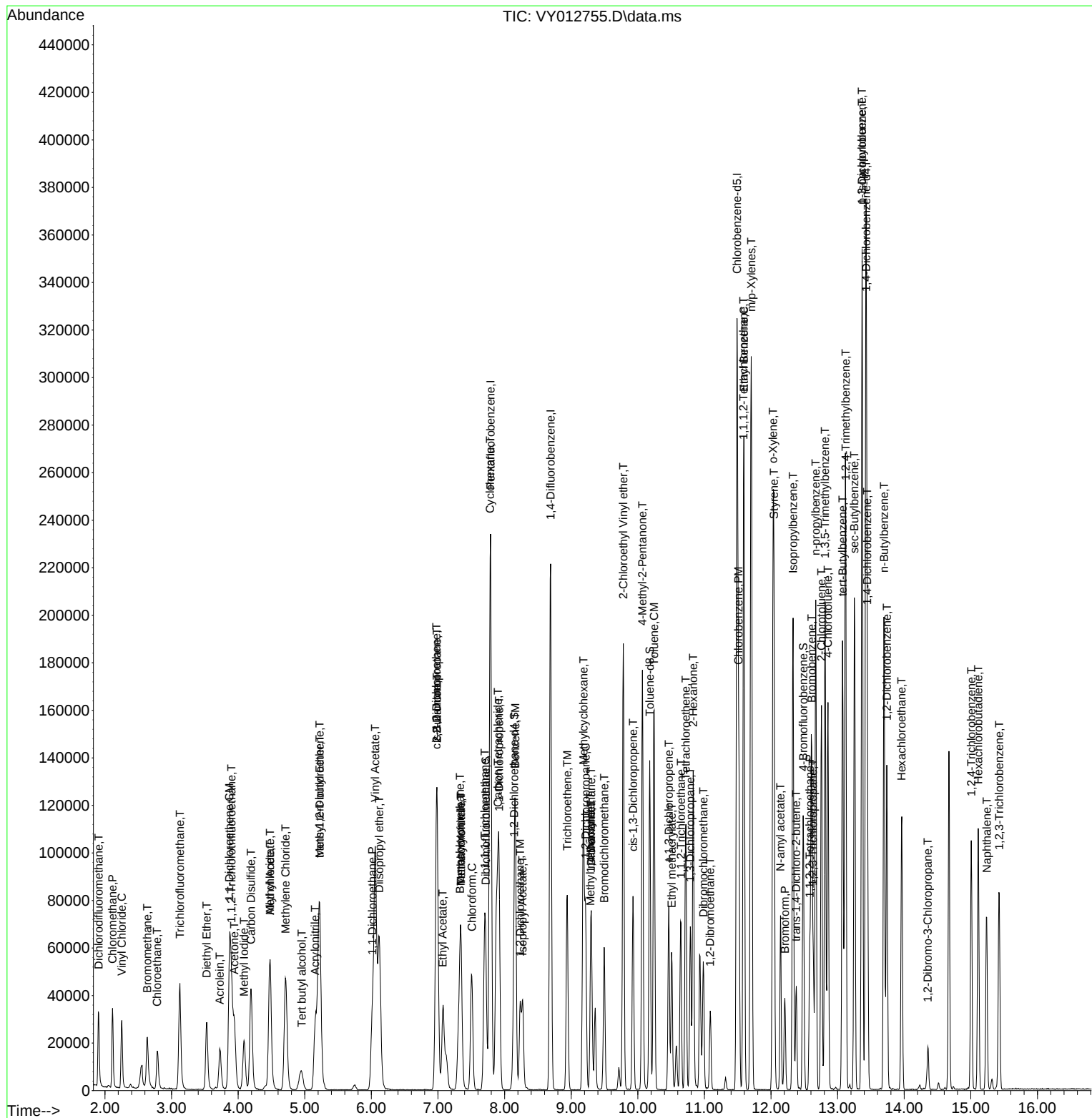
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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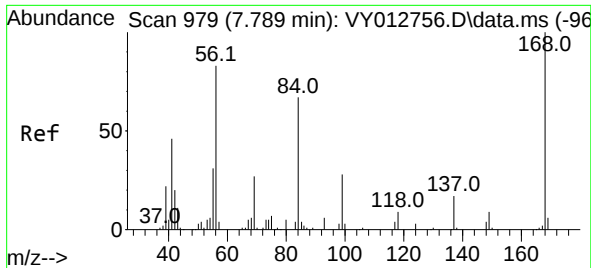
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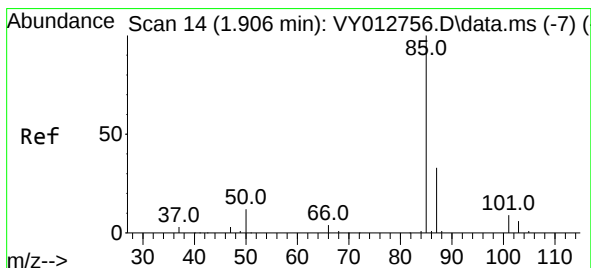
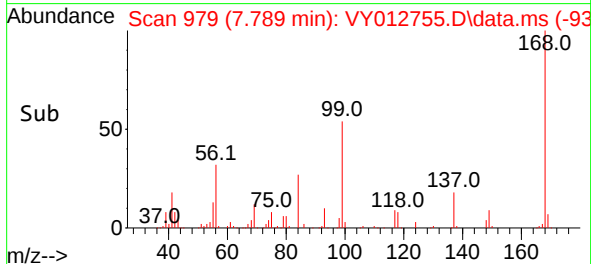
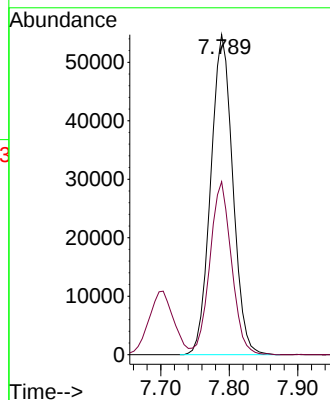
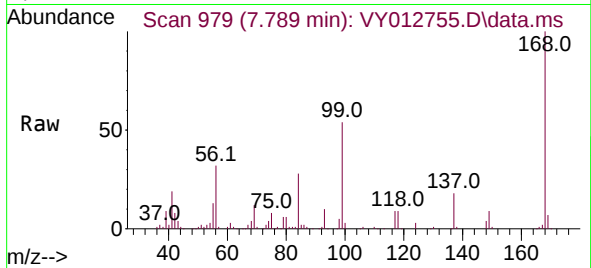




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012755.D
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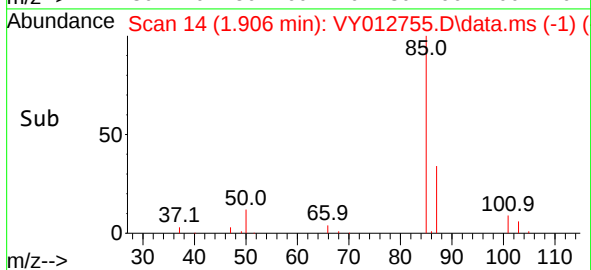
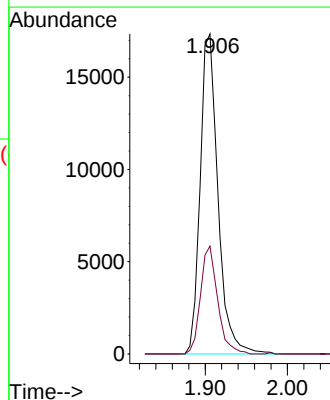
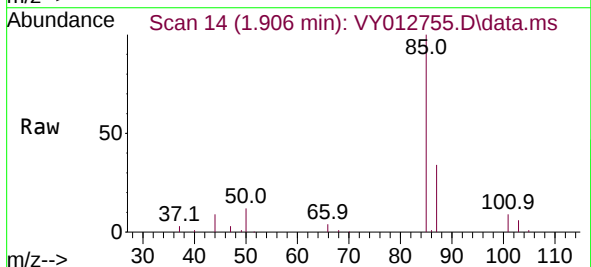
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 122365
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 21.609 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 85 Resp: 26062
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.0

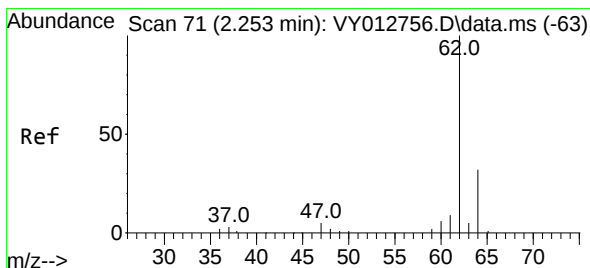
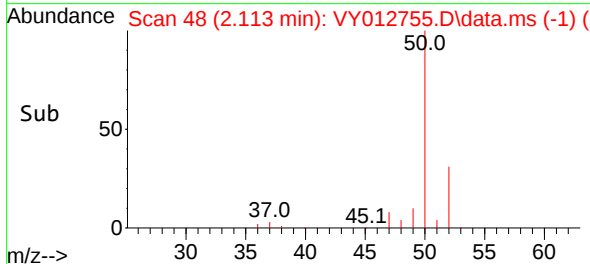
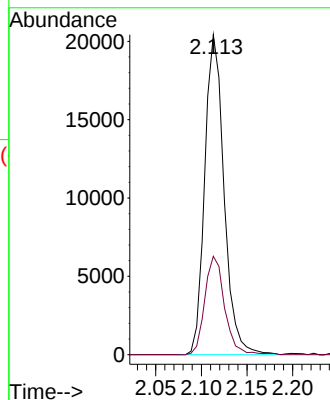
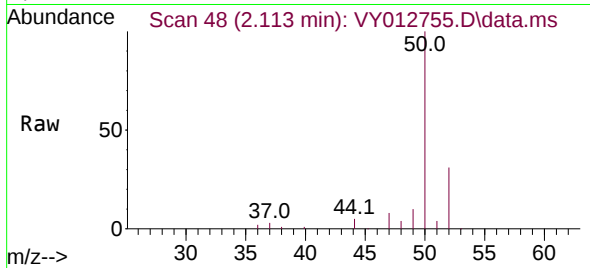




#3
Chloromethane
Concen: 20.749 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

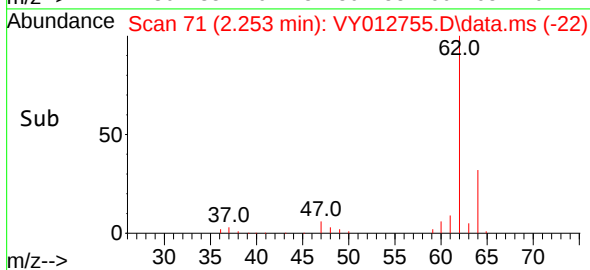
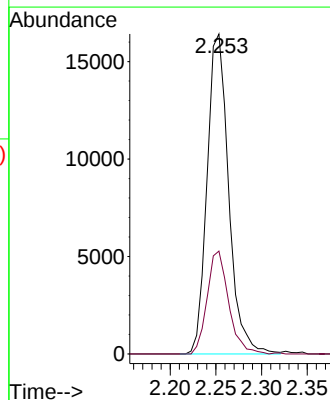
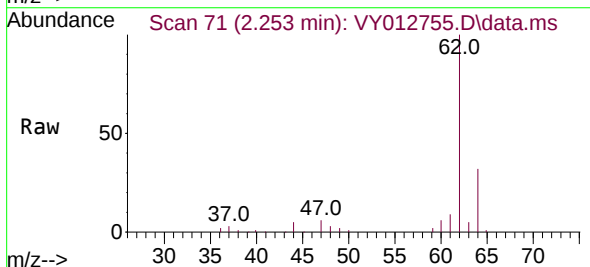
Instrument :
MSVOA_Y
ClientSampleId :
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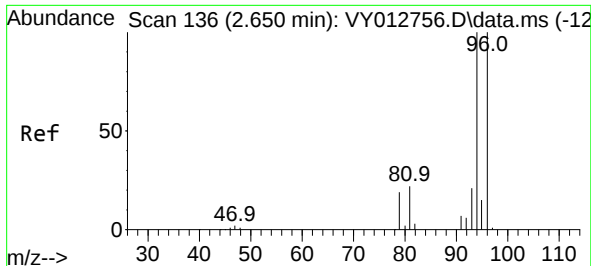
Tgt Ion: 50 Resp: 29917
Ion Ratio Lower Upper
50 100
52 30.8 26.0 39.0



#4
Vinyl Chloride
Concen: 20.366 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 62 Resp: 26928
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4





#5

Bromomethane

Concen: 19.832 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

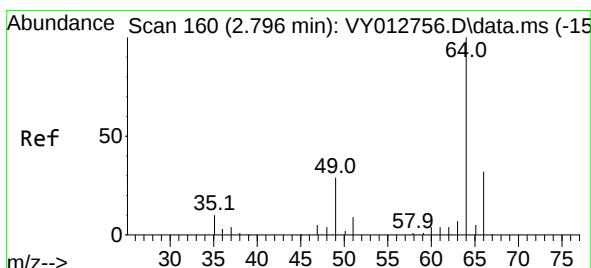
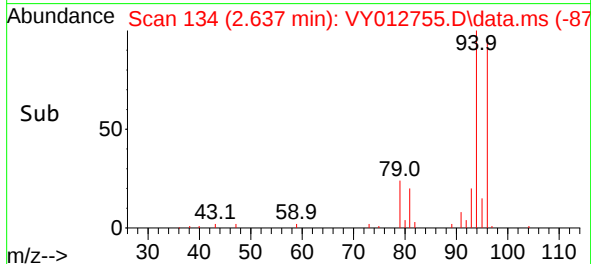
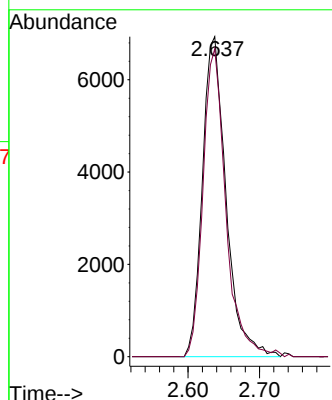
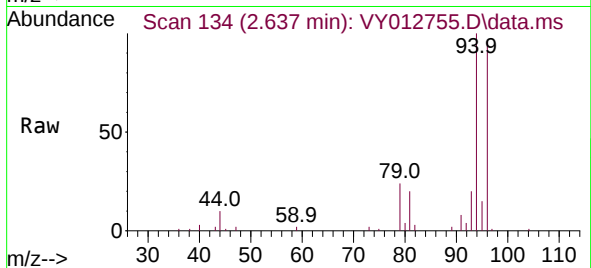
VSTDICC020

Tgt Ion: 94 Resp: 15933

Ion Ratio Lower Upper

94 100

96 96.2 80.3 120.5



#6

Chloroethane

Concen: 19.865 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.012 min

Lab File: VY012755.D

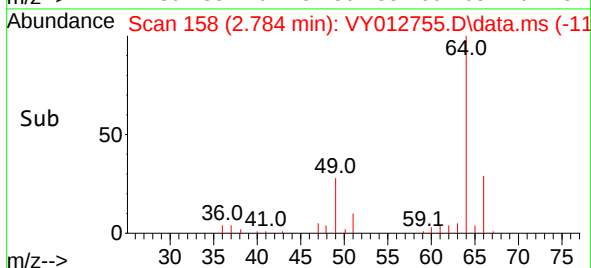
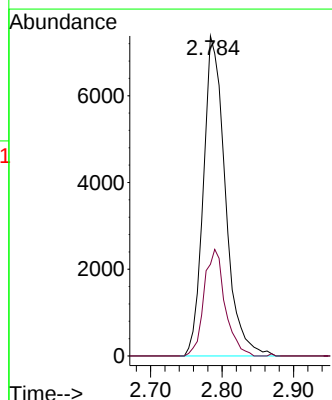
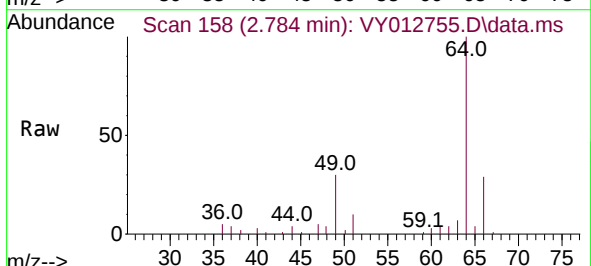
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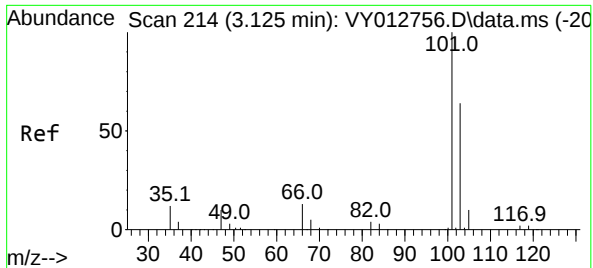
Tgt Ion: 64 Resp: 15730

Ion Ratio Lower Upper

64 100

66 28.7 25.7 38.5

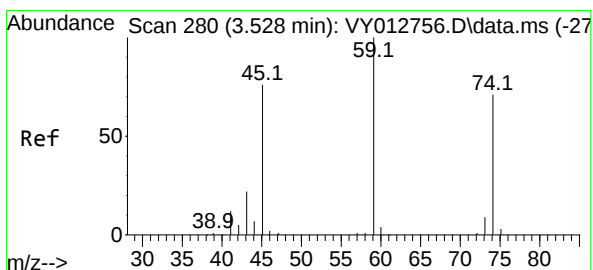
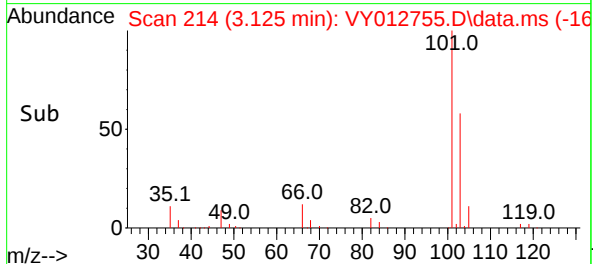
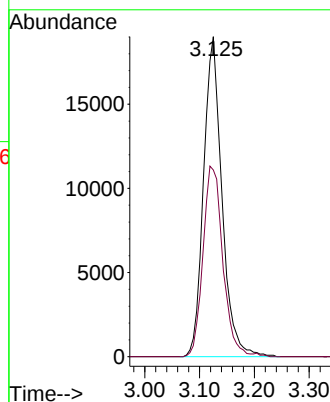
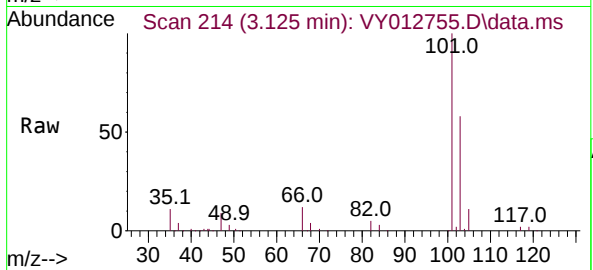




#7
 Trichlorofluoromethane
 Concen: 20.165 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY012755.D
 Acq: 02 Mar 2023 13:02

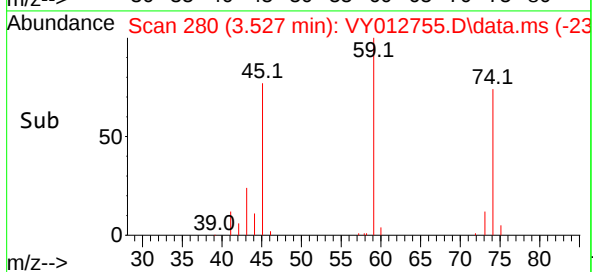
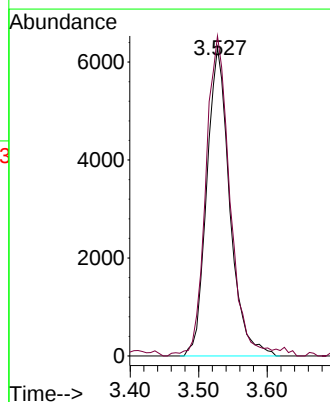
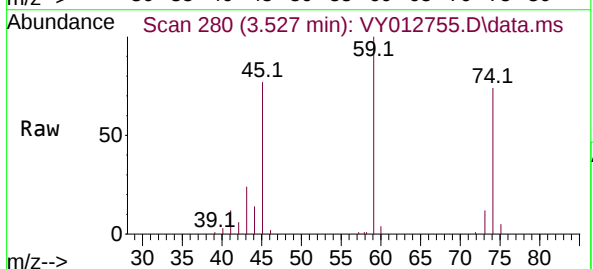
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 44283
 Ion Ratio Lower Upper
 101 100
 103 58.4 51.5 77.3



#8
 Diethyl Ether
 Concen: 19.111 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012755.D
 Acq: 02 Mar 2023 13:02

Tgt Ion: 74 Resp: 14707
 Ion Ratio Lower Upper
 74 100
 45 108.3 52.1 156.4

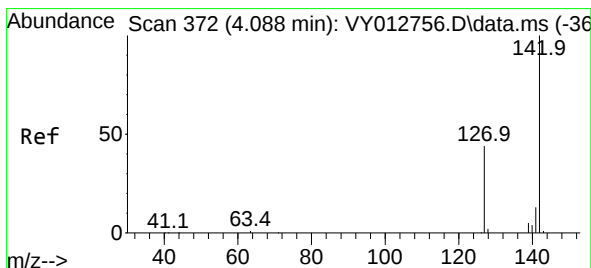
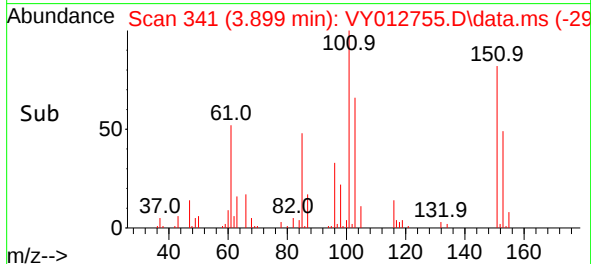
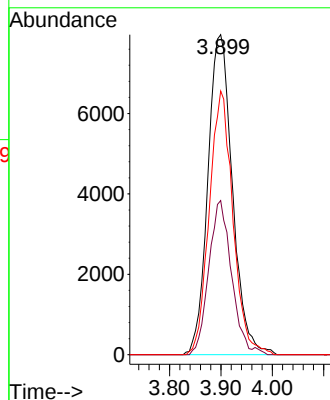
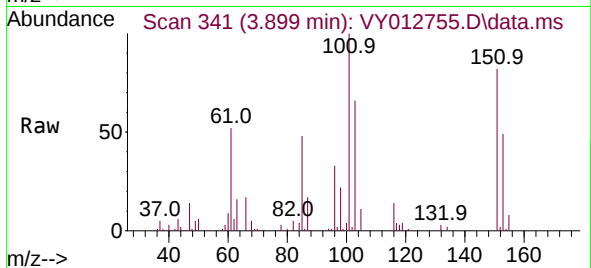




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.005 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

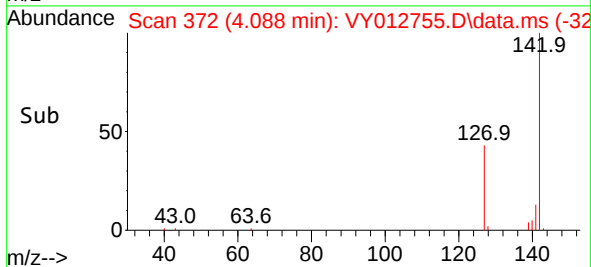
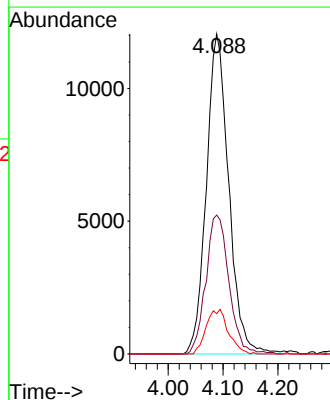
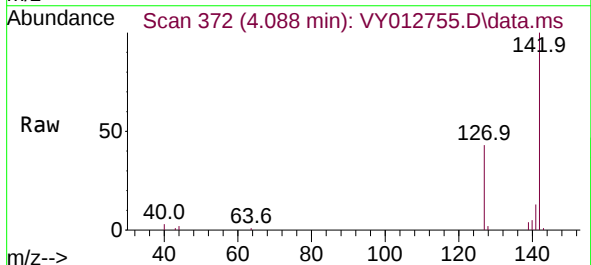
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101	Resp:	26431
Ion	Ratio	Lower Upper
101	100	
85	44.1	35.3 52.9
151	79.4	63.1 94.7



#10
Methyl Iodide
Concen: 19.821 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion:142	Resp:	34121
Ion	Ratio	Lower Upper
142	100	
127	44.8	35.4 53.2
141	13.8	11.3 16.9

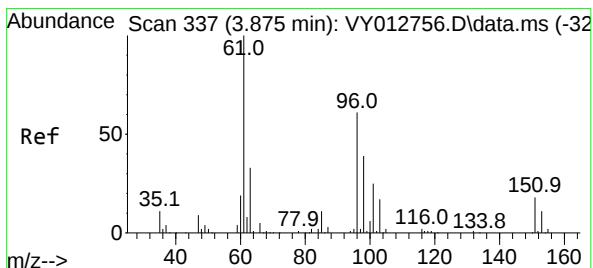
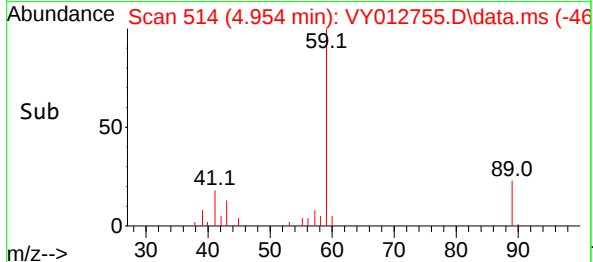
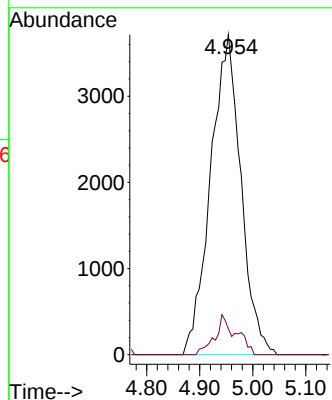
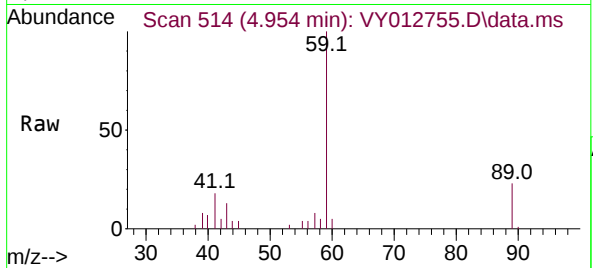




#11
Tert butyl alcohol
Concen: 92.847 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

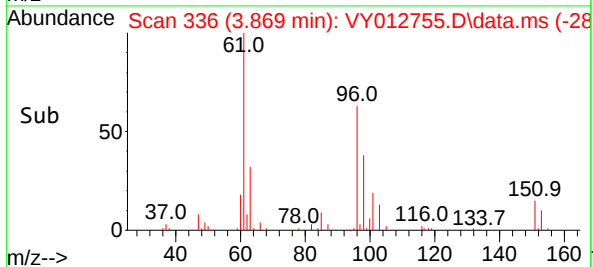
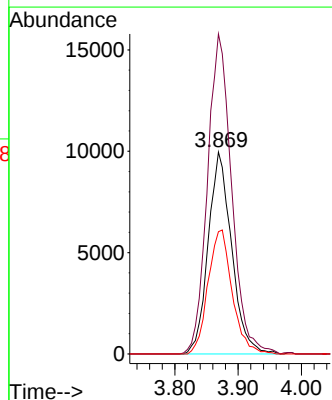
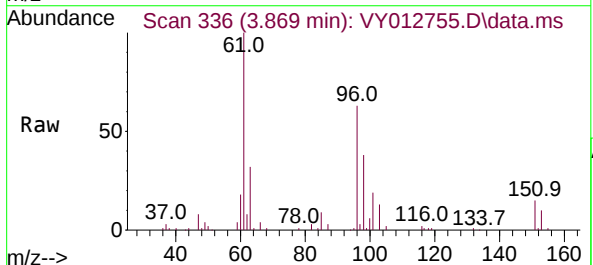
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

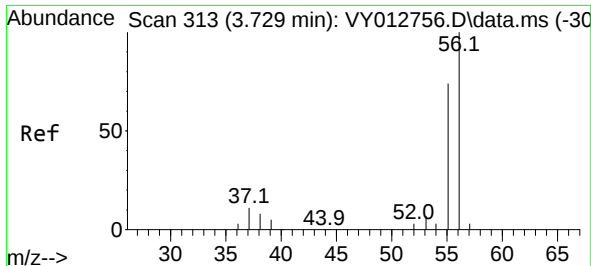
Tgt Ion: 59 Resp: 14743
Ion Ratio Lower Upper
59 100
57 7.1 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 20.373 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 96 Resp: 25671
Ion Ratio Lower Upper
96 100
61 158.5 131.7 197.5
98 60.6 52.0 78.0





#13

Acrolein

Concen: 98.448 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

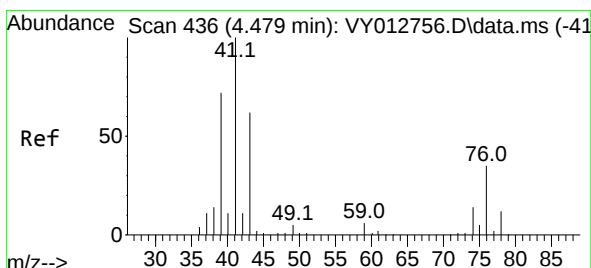
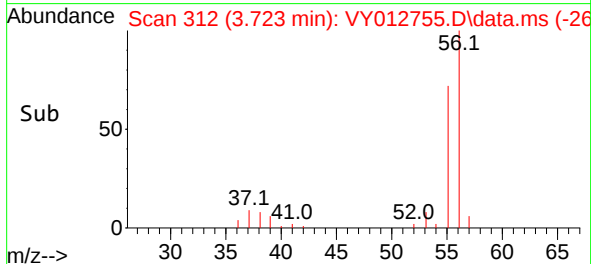
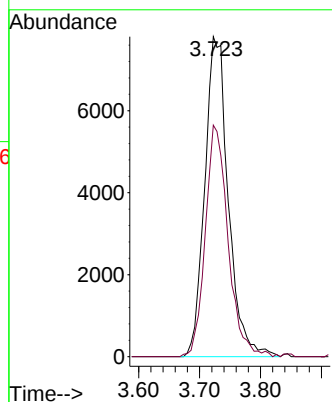
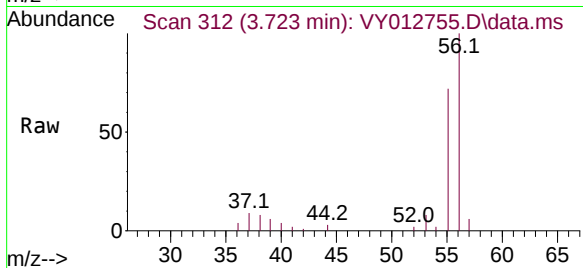
VSTDICC020

Tgt Ion: 56 Resp: 20955

Ion Ratio Lower Upper

56 100

55 70.0 56.8 85.2



#14

Allyl chloride

Concen: 19.583 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

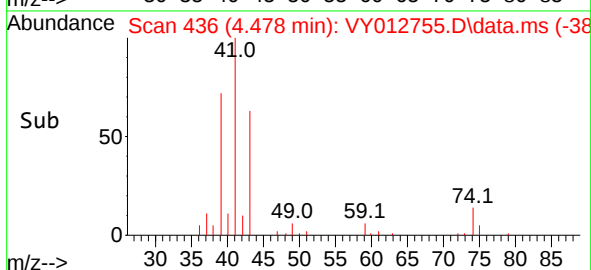
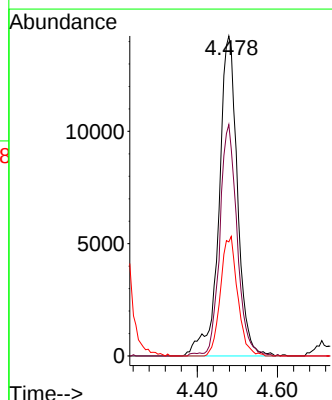
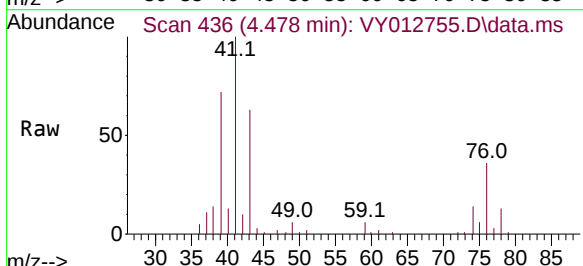
Tgt Ion: 41 Resp: 45581

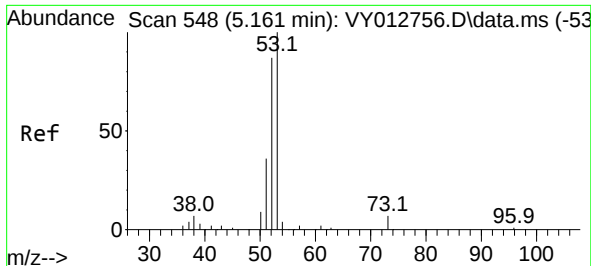
Ion Ratio Lower Upper

41 100

39 67.8 53.6 80.4

76 34.7 27.2 40.8

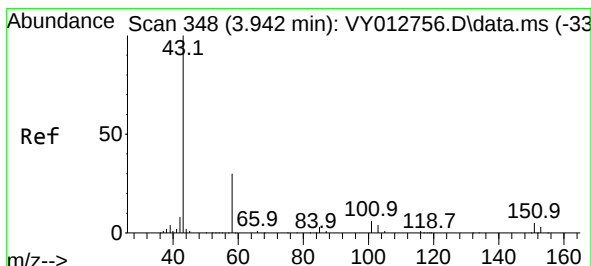
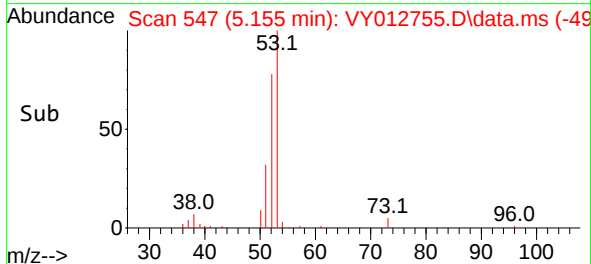
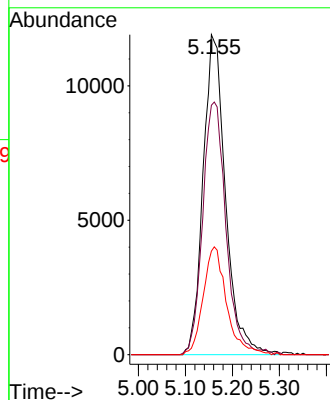
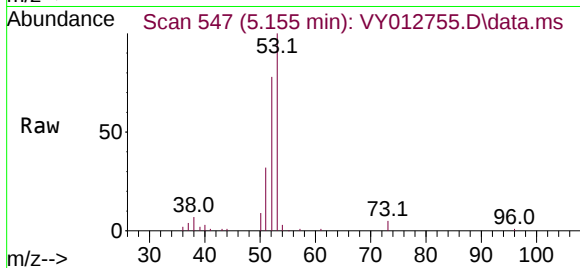




#15
Acrylonitrile
Concen: 97.398 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

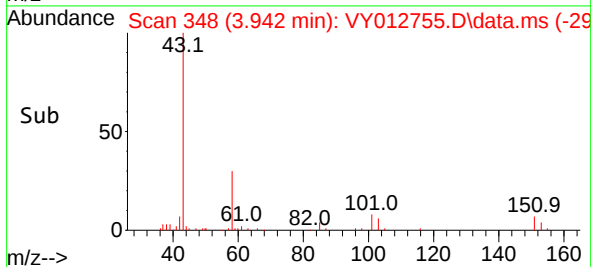
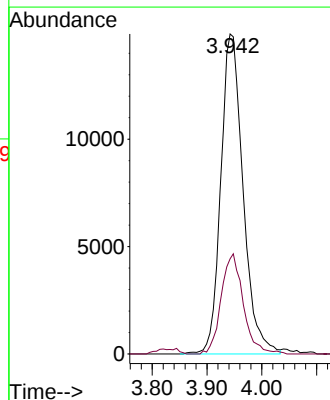
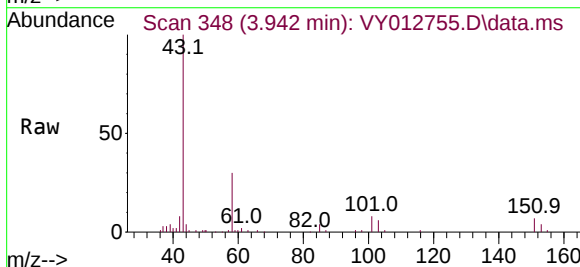
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

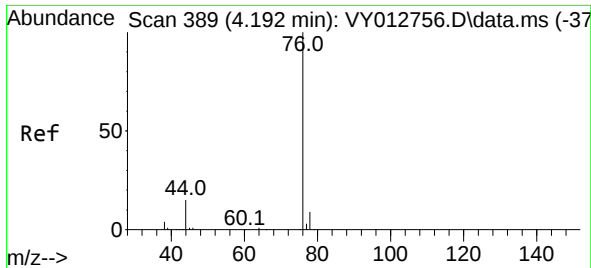
Tgt Ion: 53	Resp:	39493
Ion	Ratio	Lower Upper
53	100	
52	81.2	66.3 99.5
51	35.0	28.8 43.2



#16
Acetone
Concen: 88.333 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 43	Resp:	42123
Ion	Ratio	Lower Upper
43	100	
58	29.1	24.2 36.2

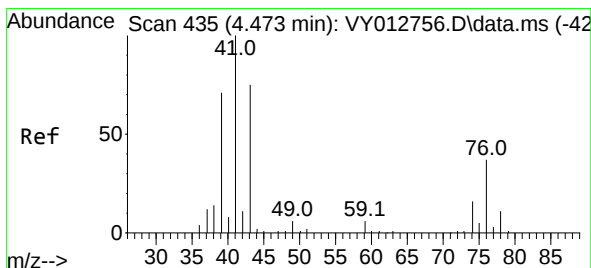
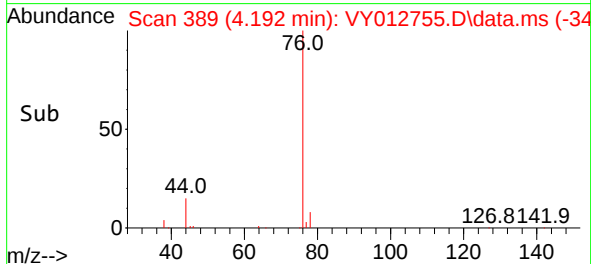
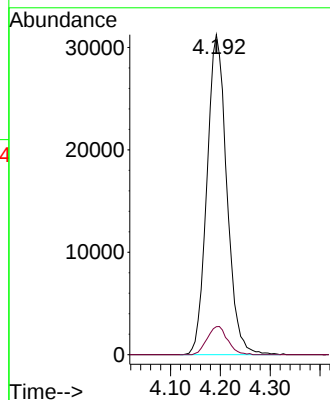
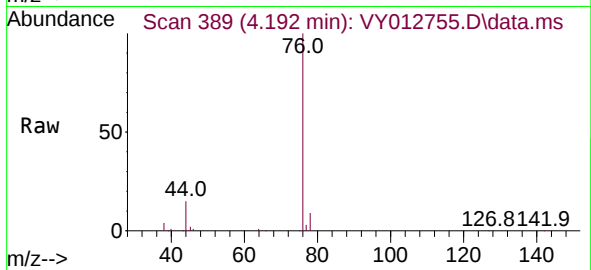




#17
Carbon Disulfide
Concen: 20.170 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

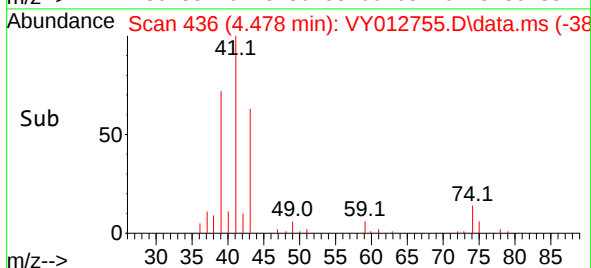
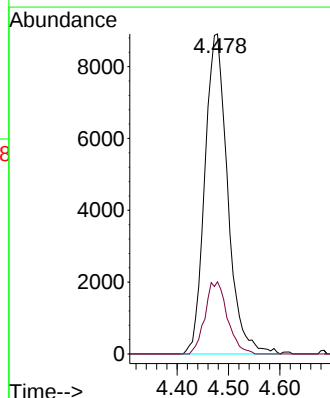
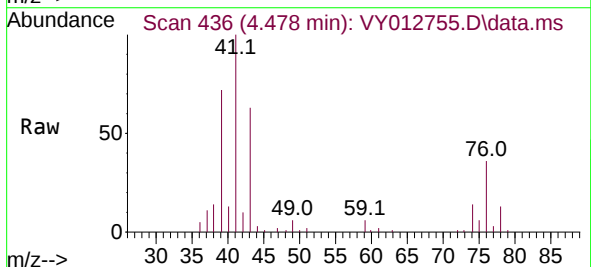
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

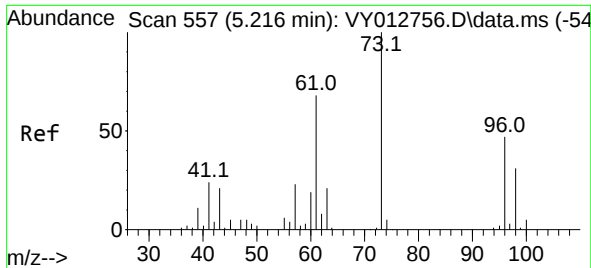
Tgt Ion: 76 Resp: 86510
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 19.373 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 43 Resp: 27512
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0

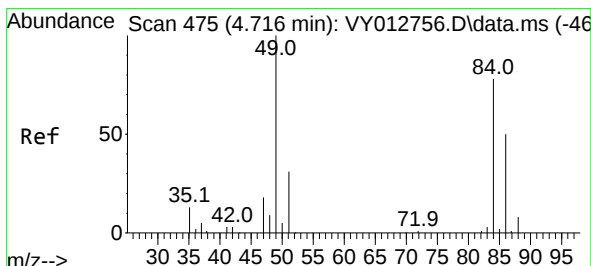
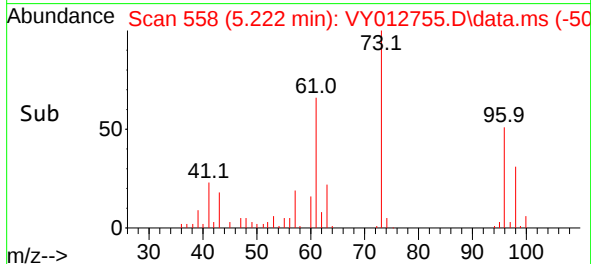
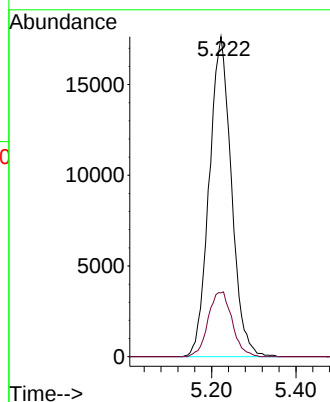
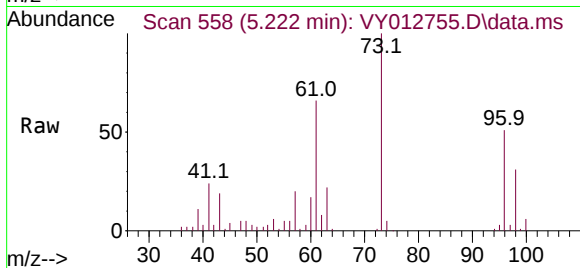




#19
Methyl tert-butyl Ether
Concen: 19.826 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

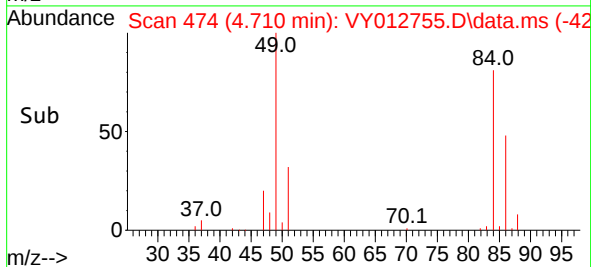
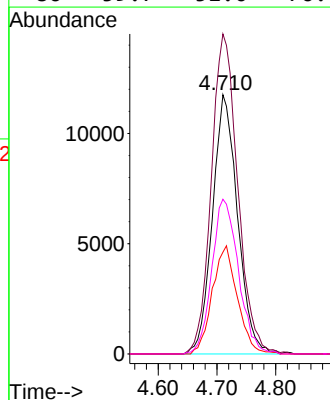
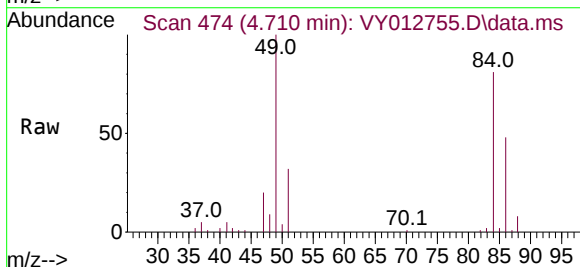
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

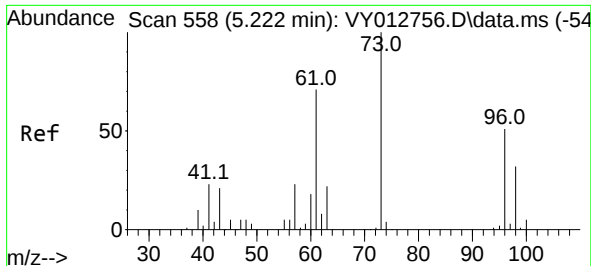
Tgt Ion: 73 Resp: 64530
Ion Ratio Lower Upper
73 100
57 20.0 18.3 27.5



#20
Methylene Chloride
Concen: 20.899 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 84 Resp: 34962
Ion Ratio Lower Upper
84 100
49 123.4 102.6 154.0
51 39.3 31.9 47.9
86 59.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.125 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

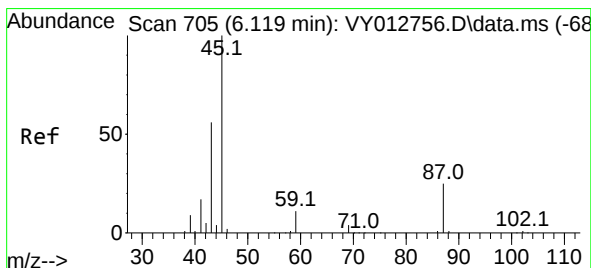
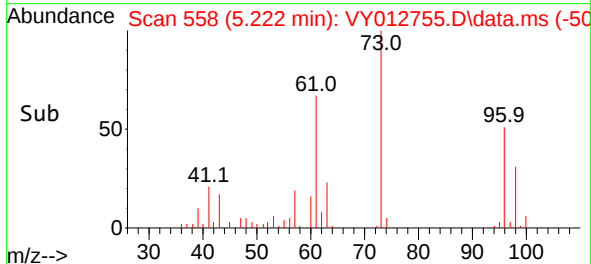
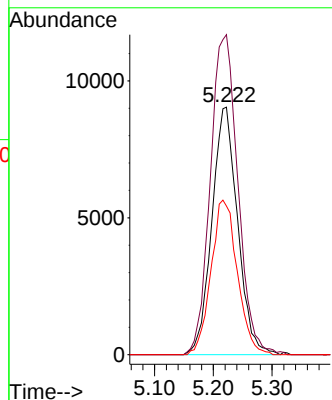
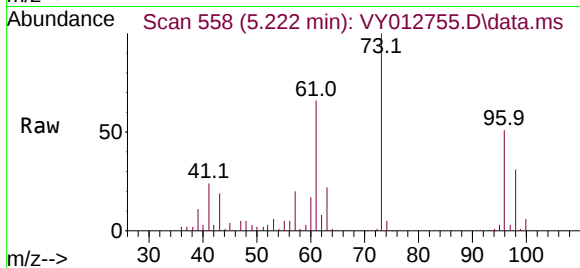
Tgt Ion: 96 Resp: 27558

Ion Ratio Lower Upper

96 100

61 129.2 111.4 167.0

98 60.0 50.8 76.2



#22

Diisopropyl ether

Concen: 20.598 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Tgt Ion: 45 Resp: 87083

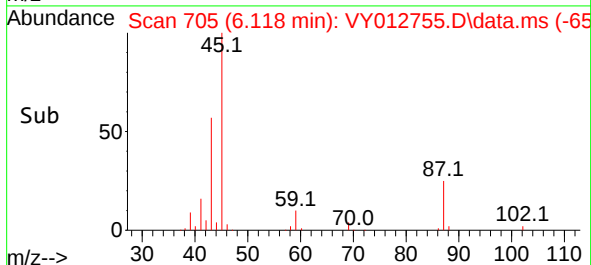
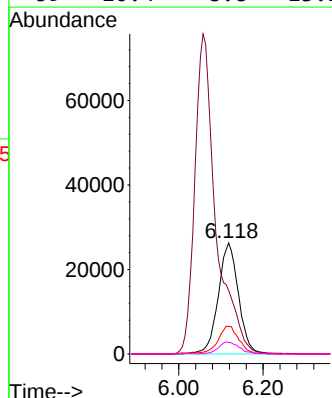
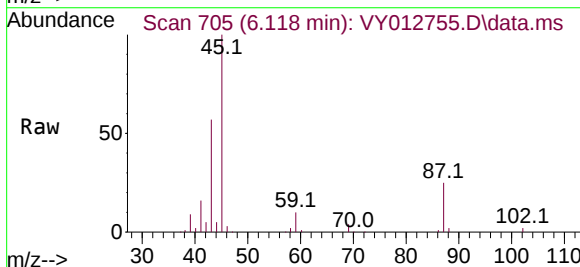
Ion Ratio Lower Upper

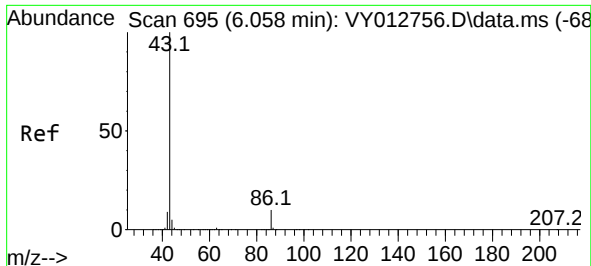
45 100

43 56.5 45.0 67.6

87 24.6 20.3 30.5

59 10.4 8.8 13.2

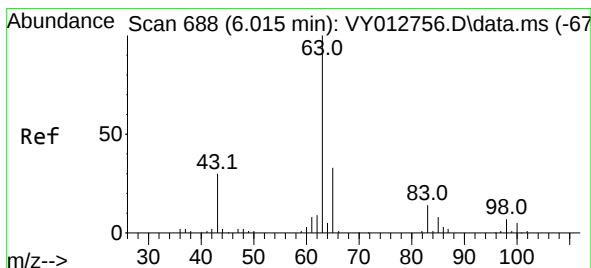
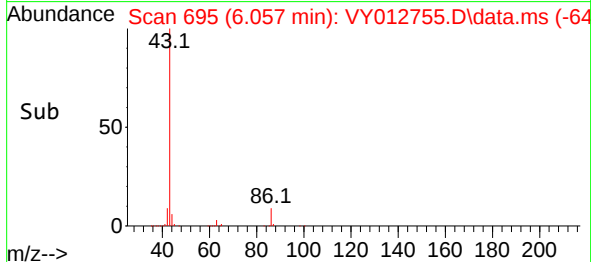
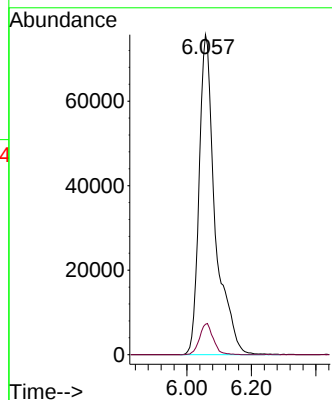
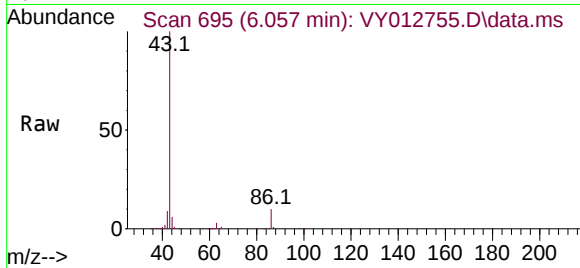




#23
 Vinyl Acetate
 Concen: 99.942 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012755.D
 Acq: 02 Mar 2023 13:02

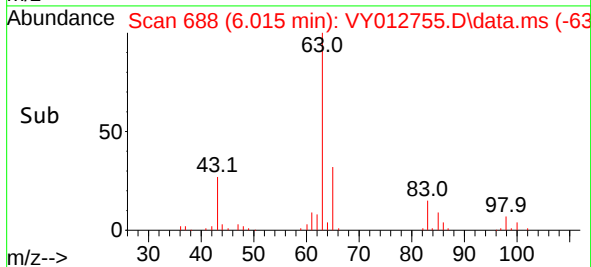
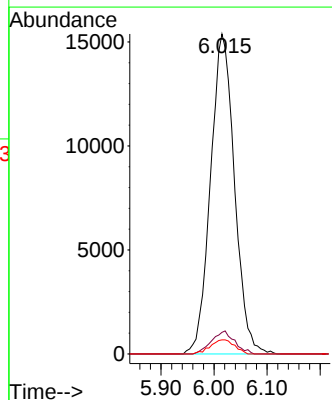
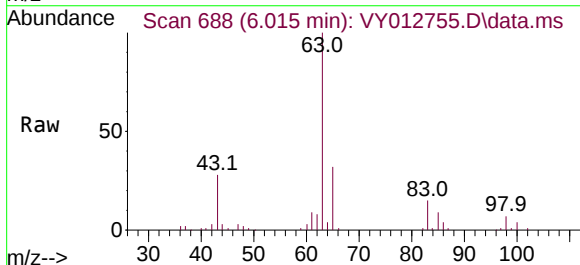
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

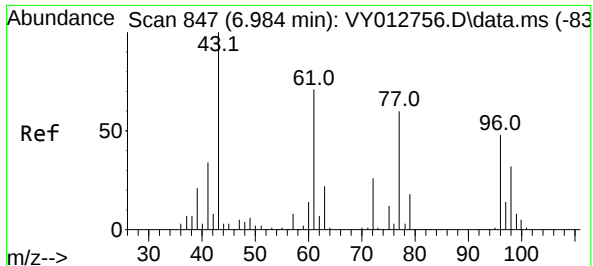
Tgt Ion: 43 Resp: 262528
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.080 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012755.D
 Acq: 02 Mar 2023 13:02

Tgt Ion: 63 Resp: 48374
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 94.362 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

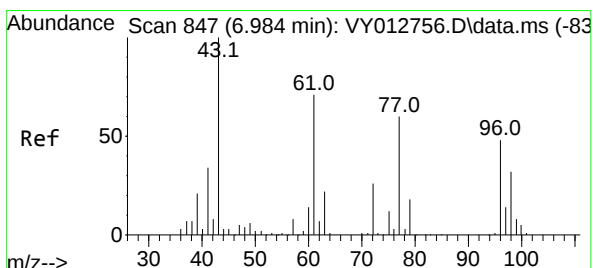
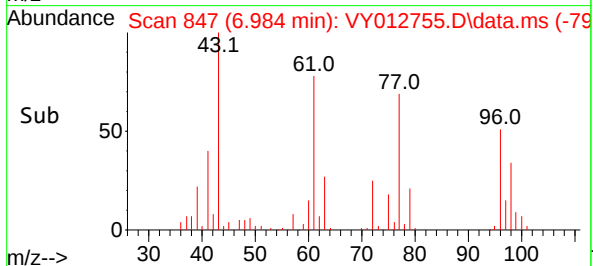
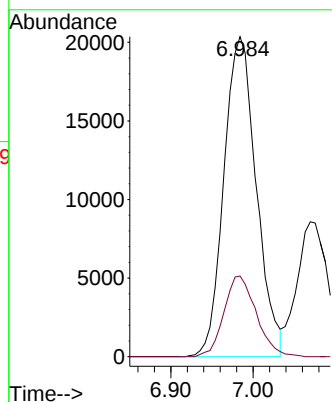
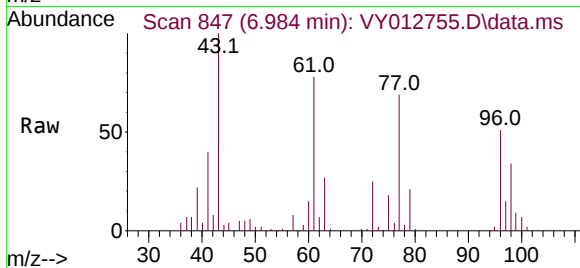
VSTDIC020

Tgt Ion: 43 Resp: 55734

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.815 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012755.D

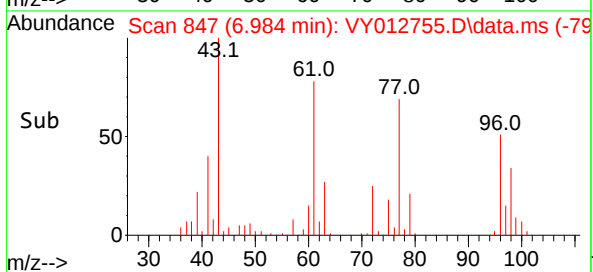
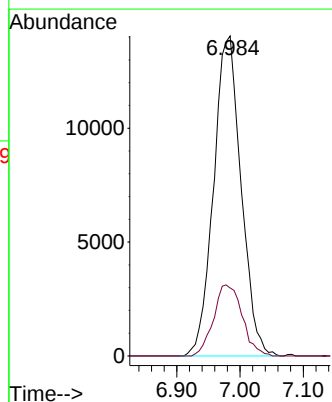
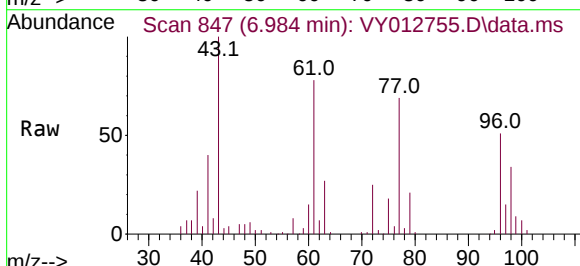
Acq: 02 Mar 2023 13:02

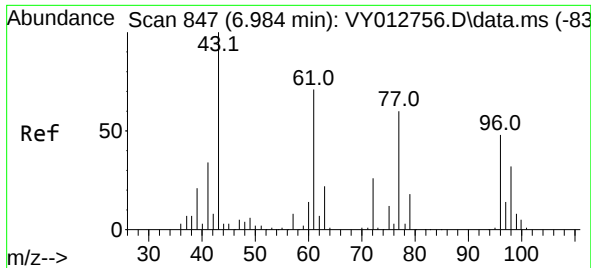
Tgt Ion: 77 Resp: 42397

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0

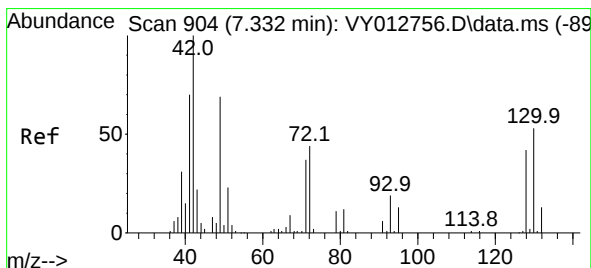
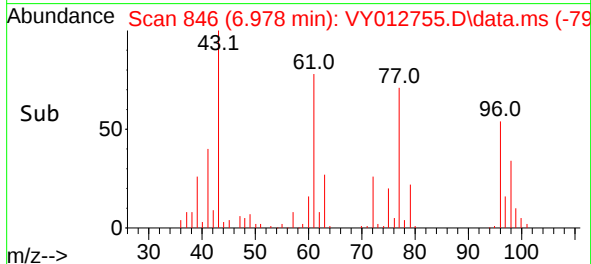
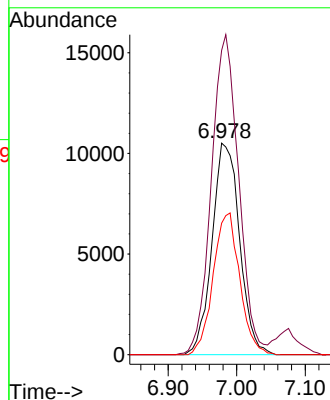
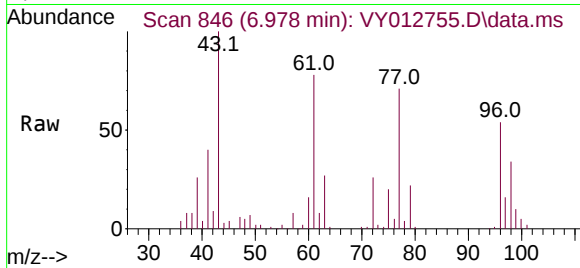




#27
 cis-1,2-Dichloroethene
 Concen: 19.992 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY012755.D
 Acq: 02 Mar 2023 13:02

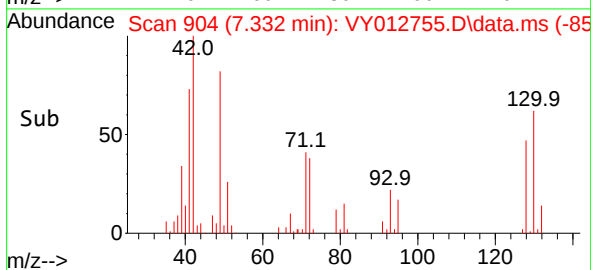
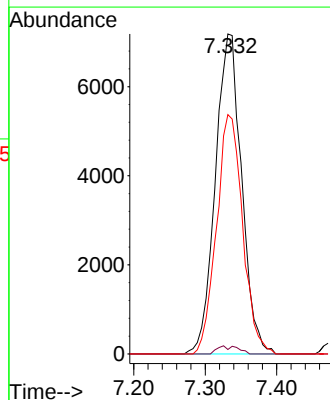
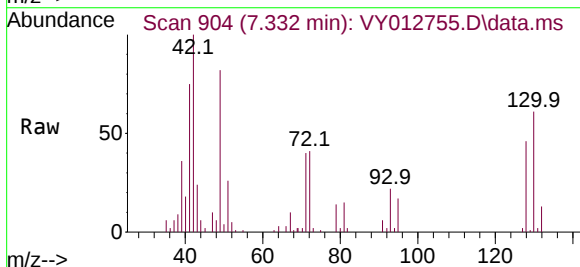
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96	Resp:	29350
Ion	Ratio	Lower Upper
96	100	
61	149.9	0.0 295.8
98	64.6	0.0 130.2



#28
 Bromochloromethane
 Concen: 20.815 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012755.D
 Acq: 02 Mar 2023 13:02

Tgt Ion: 49	Resp:	18325
Ion	Ratio	Lower Upper
49	100	
129	1.0	0.0 4.2
130	74.4	60.5 90.7

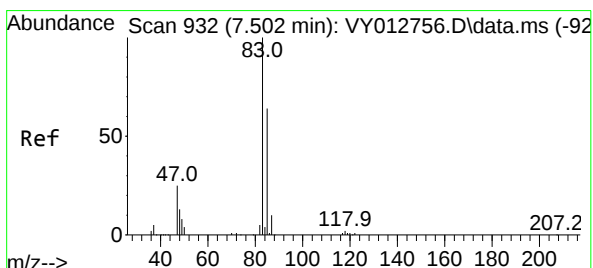
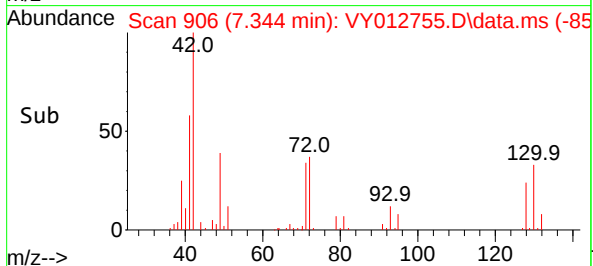
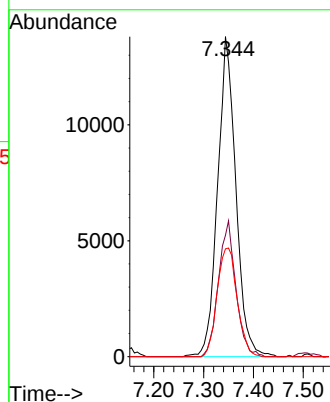
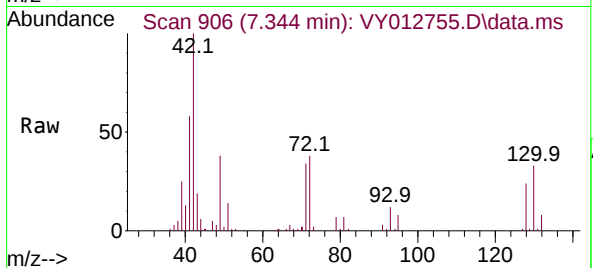




#29
Tetrahydrofuran
Concen: 98.420 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

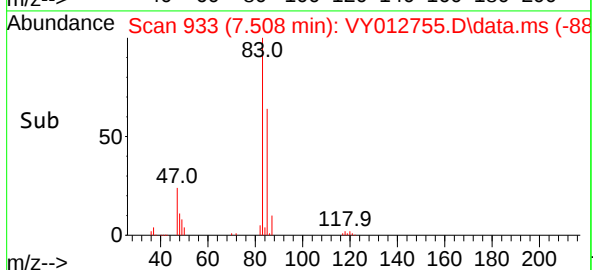
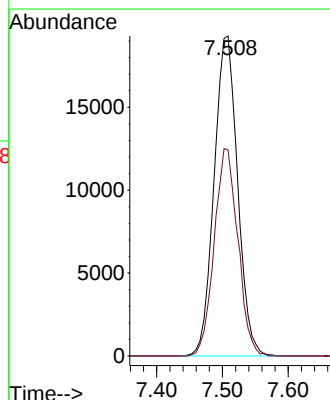
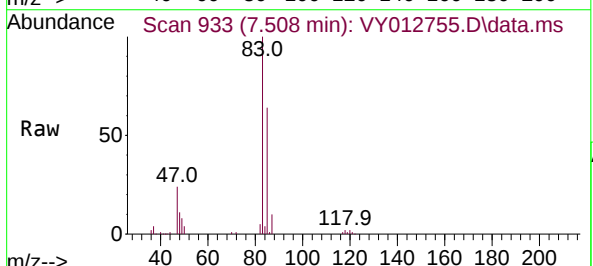
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

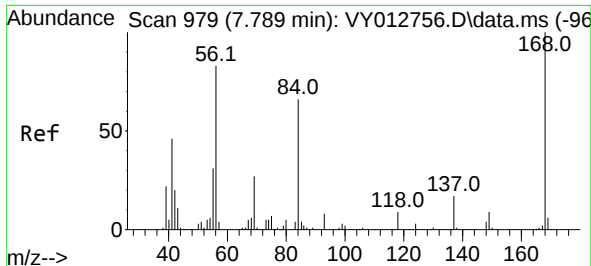
Tgt Ion:	42	Resp:	35060
Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.3	48.5
71	37.3	30.3	45.5



#30
Chloroform
Concen: 20.171 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion:	83	Resp:	47998
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.0





#31

Cyclohexane

Concen: 19.767 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

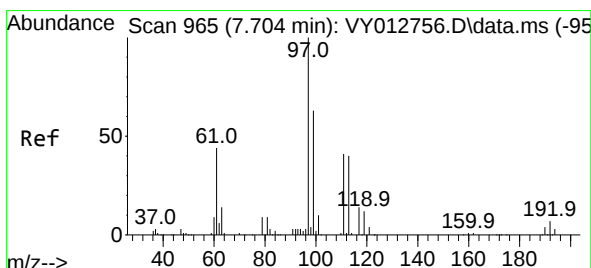
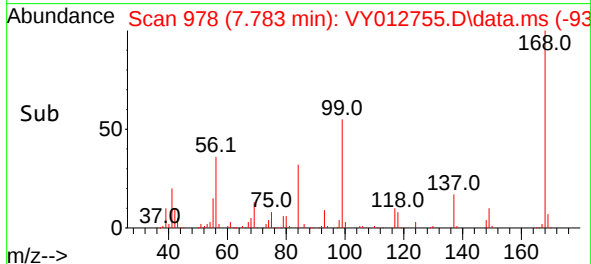
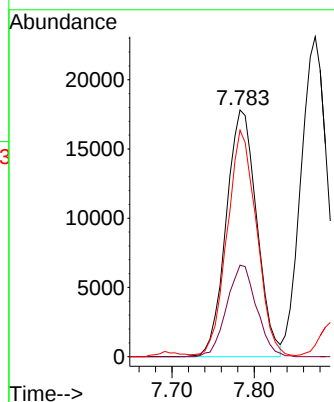
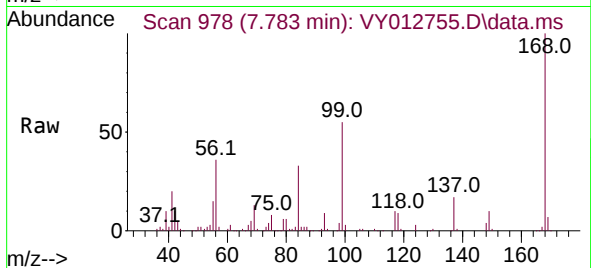
Tgt Ion: 56 Resp: 45994

Ion Ratio Lower Upper

56 100

69 37.1 25.7 38.5

84 90.7 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 19.817 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

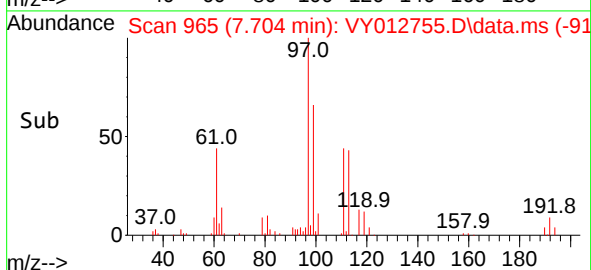
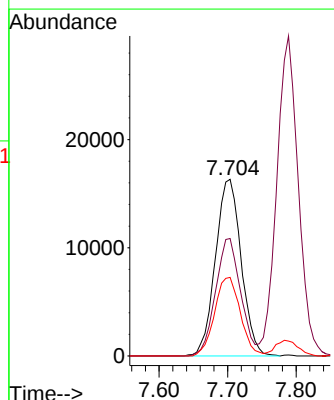
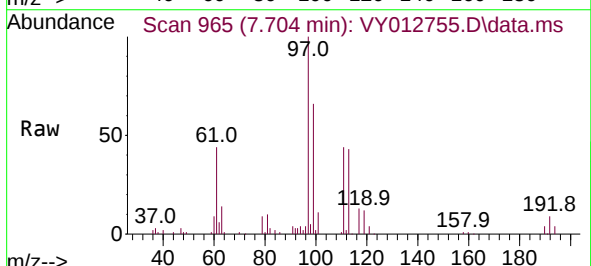
Tgt Ion: 97 Resp: 42645

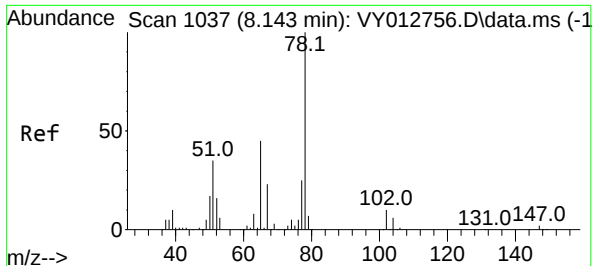
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

61 44.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 20.544 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

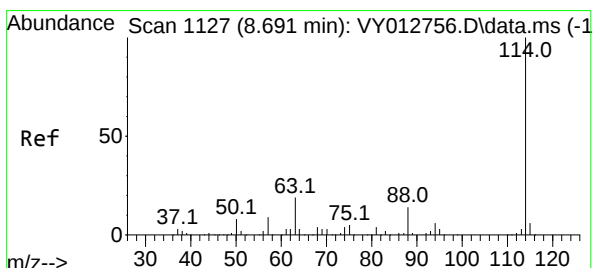
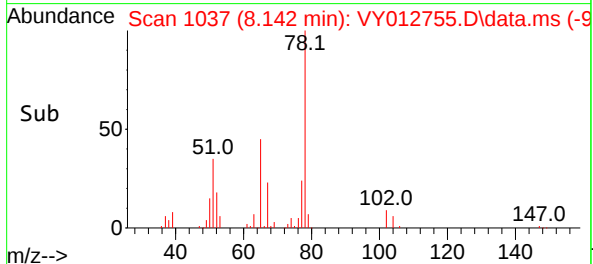
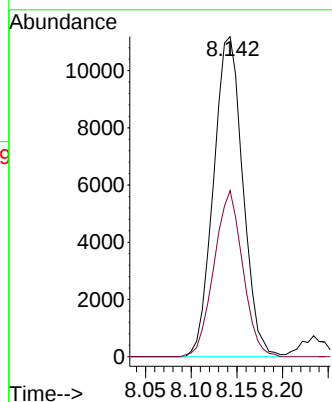
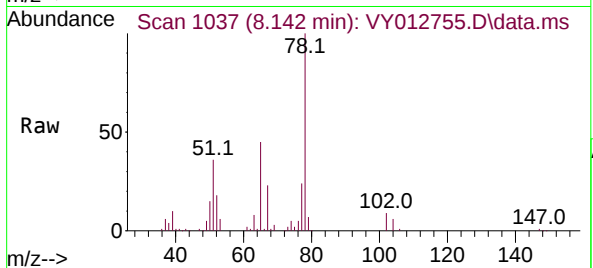
VSTDIC020

Tgt Ion: 65 Resp: 24960

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

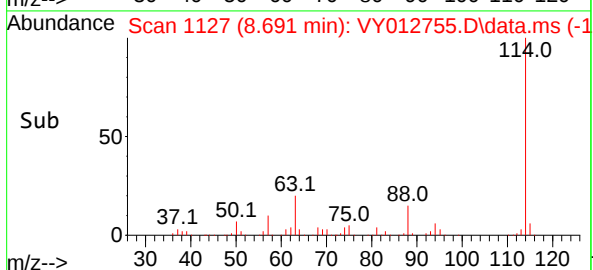
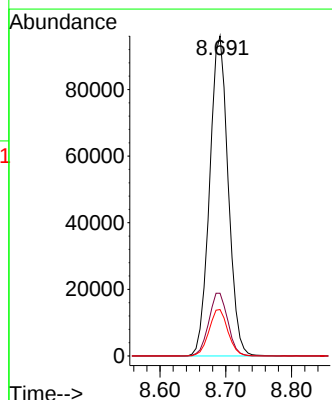
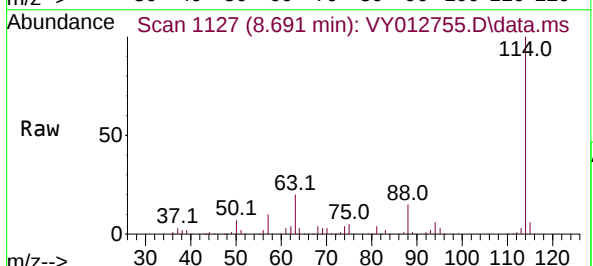
Tgt Ion: 114 Resp: 188259

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.5 0.0 28.6

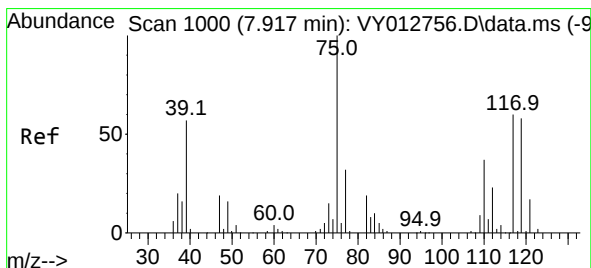
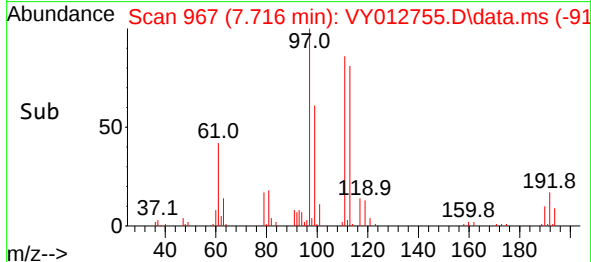
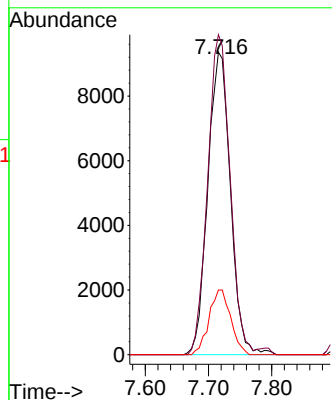
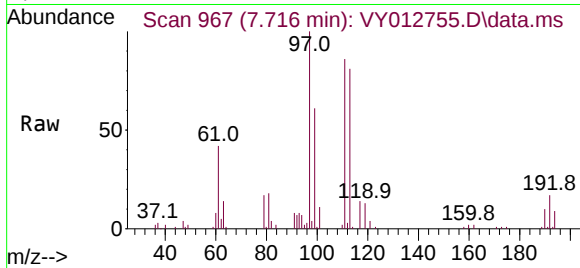




#35
Dibromofluoromethane
Concen: 20.446 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

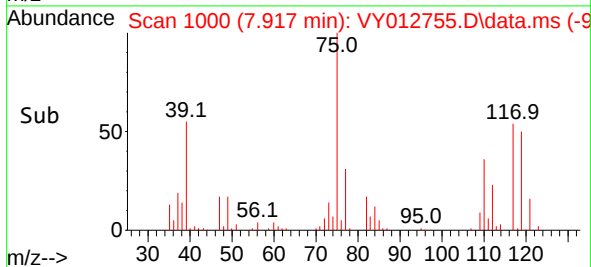
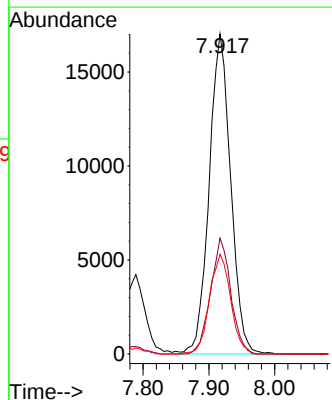
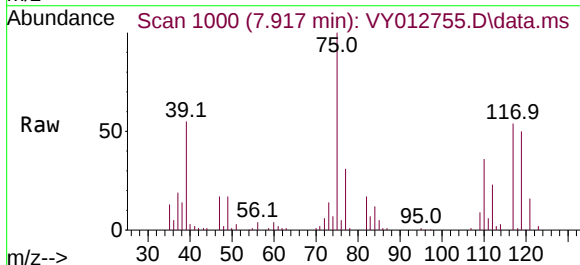
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

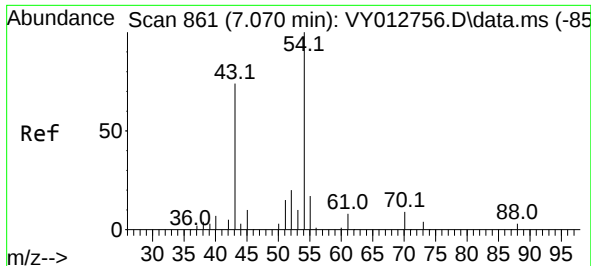
Tgt Ion:113 Resp: 23230
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.2
192 20.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.377 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 75 Resp: 38797
Ion Ratio Lower Upper
75 100
110 34.1 17.8 53.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 19.705 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

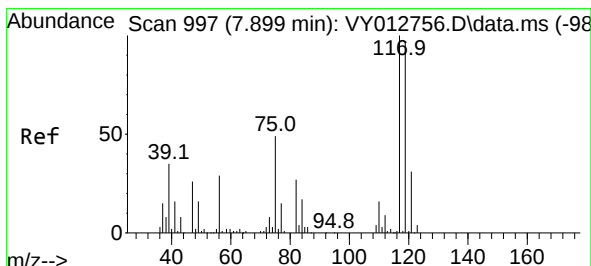
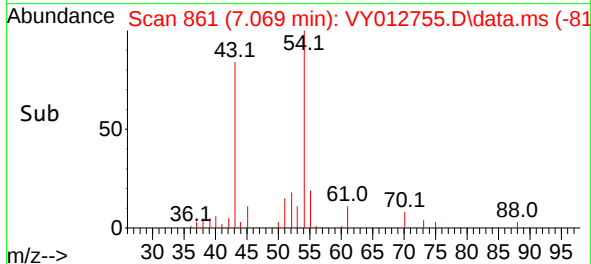
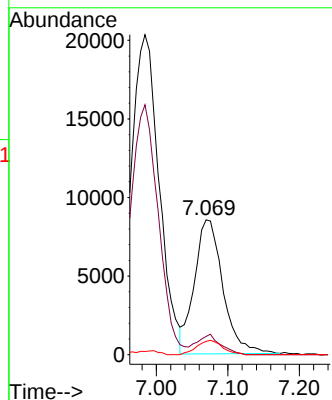
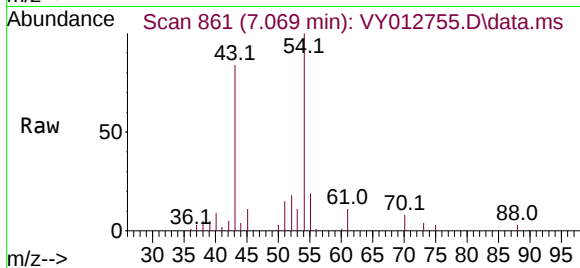
Tgt Ion: 43 Resp: 23646

Ion Ratio Lower Upper

43 100

61 12.3 10.7 16.1

70 9.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.316 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

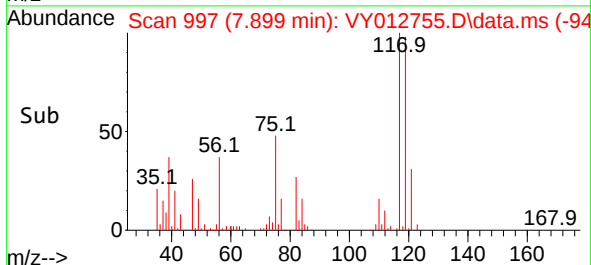
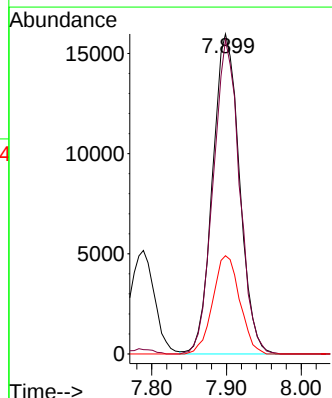
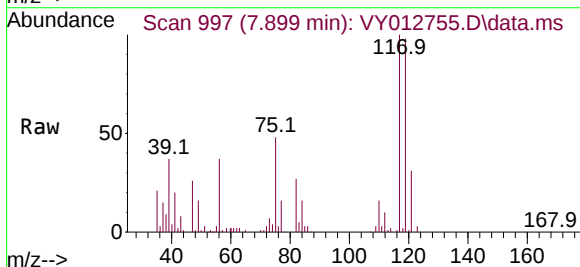
Tgt Ion: 117 Resp: 39944

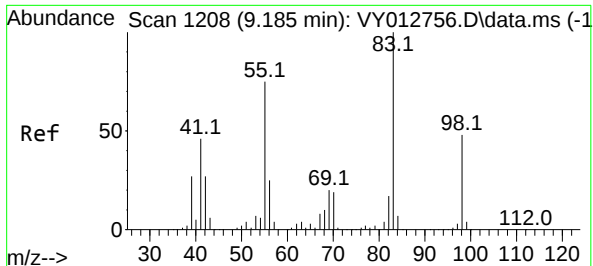
Ion Ratio Lower Upper

117 100

119 98.1 77.2 115.8

121 30.7 24.7 37.1





#39

Methylcyclohexane

Concen: 19.984 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

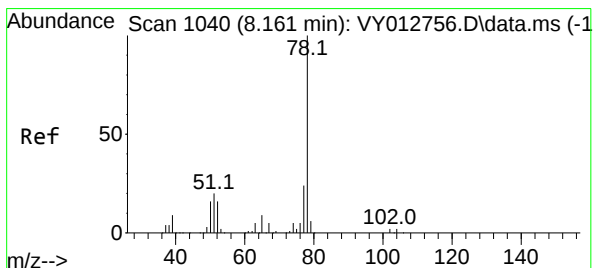
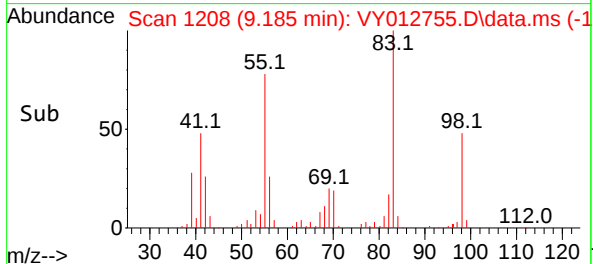
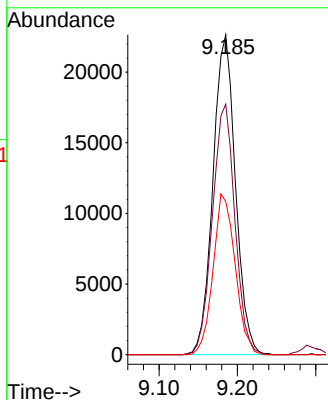
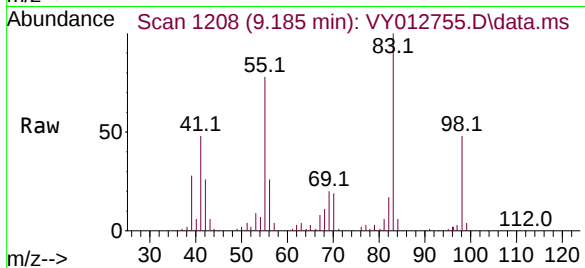
Tgt Ion: 83 Resp: 45235

Ion Ratio Lower Upper

83 100

55 78.2 60.0 90.0

98 47.9 38.3 57.5



#40

Benzene

Concen: 20.177 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012755.D

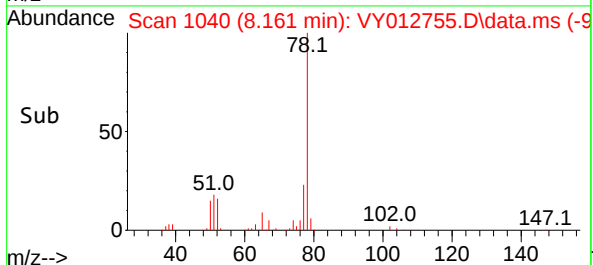
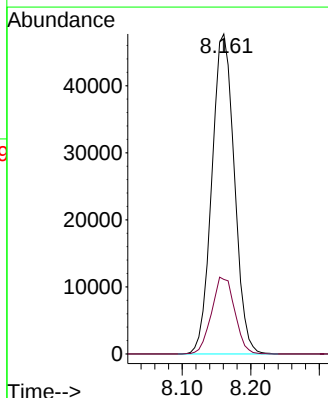
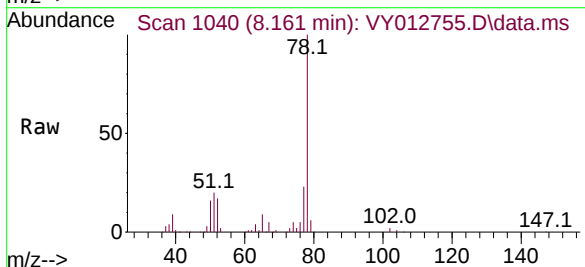
Acq: 02 Mar 2023 13:02

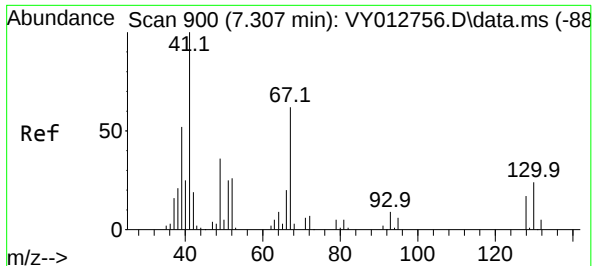
Tgt Ion: 78 Resp: 108666

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

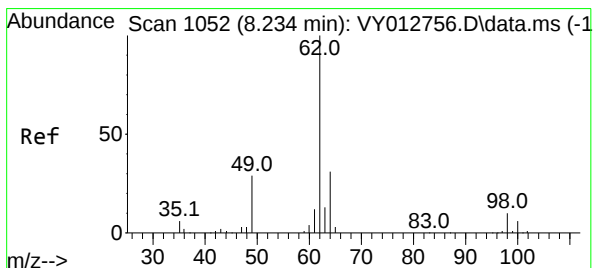
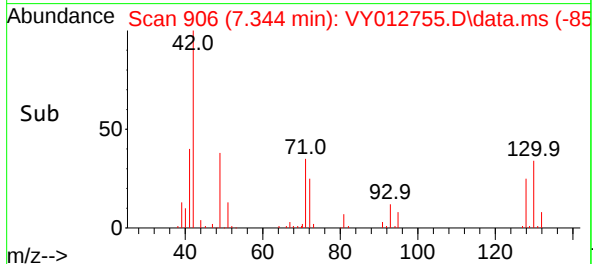
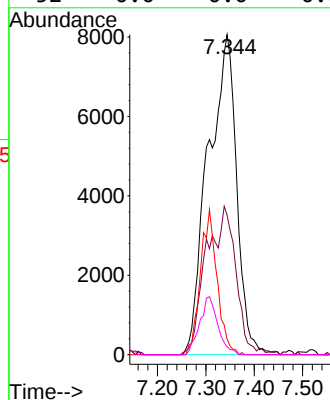
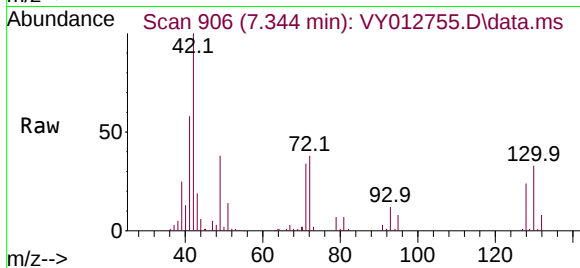




#41
Methacrylonitrile
Concen: 52.336 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

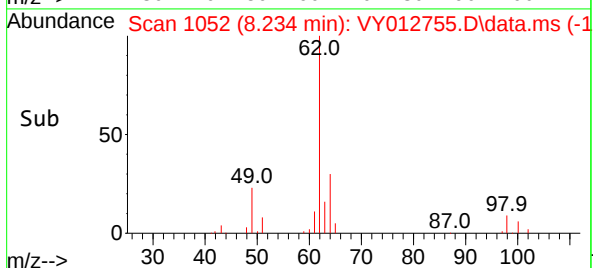
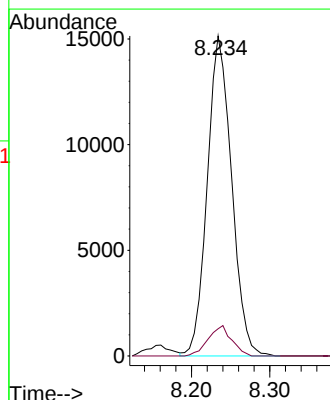
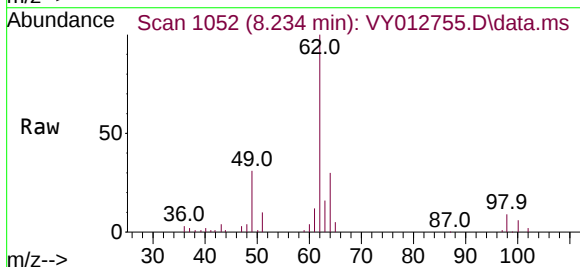
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

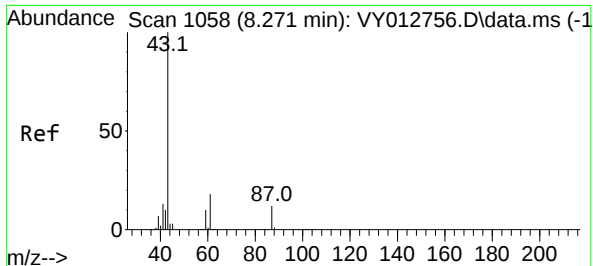
Tgt Ion:	41	Resp:	32927
Ion	Ratio	Lower	Upper
41	100		
39	24.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.190 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion:	62	Resp:	32692
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8





#43

Isopropyl Acetate

Concen: 19.541 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

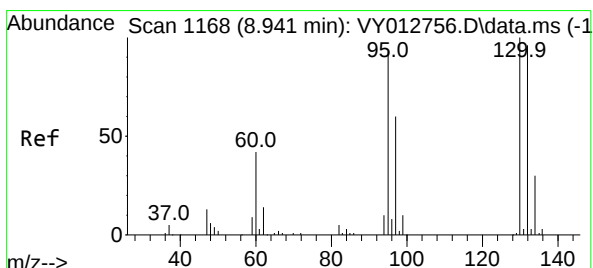
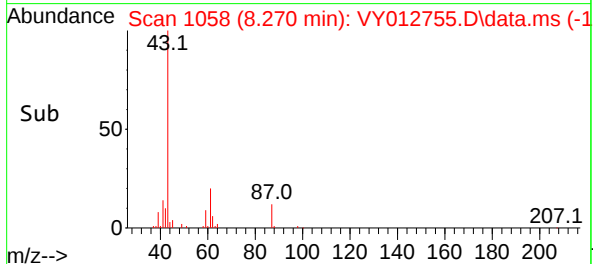
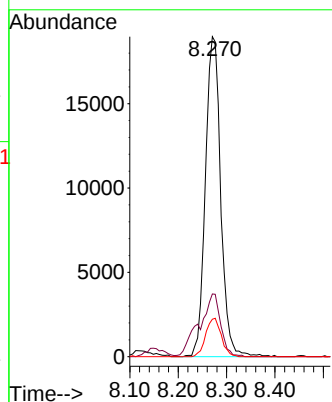
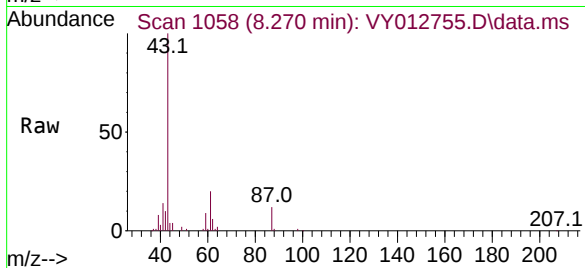
Tgt Ion: 43 Resp: 41836

Ion Ratio Lower Upper

43 100

61 27.5 21.6 32.4

87 12.2 9.9 14.9



#44

Trichloroethene

Concen: 20.212 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY012755.D

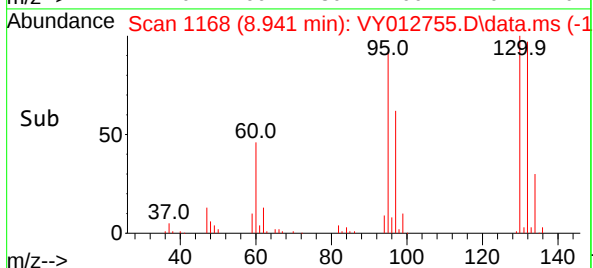
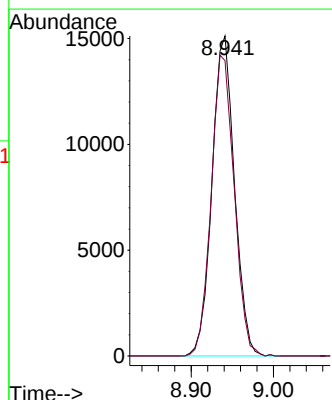
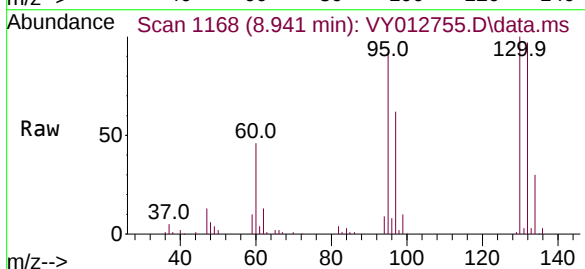
Acq: 02 Mar 2023 13:02

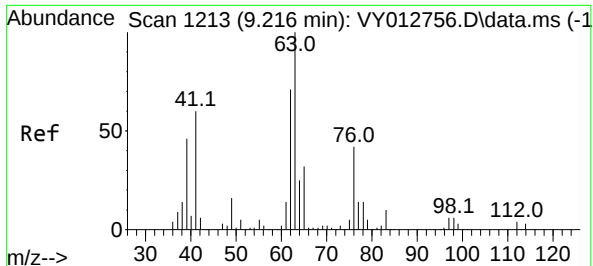
Tgt Ion:130 Resp: 28700

Ion Ratio Lower Upper

130 100

95 92.3 0.0 185.0





#45

1,2-Dichloropropane

Concen: 20.332 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

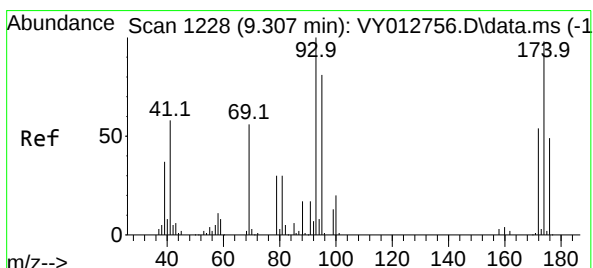
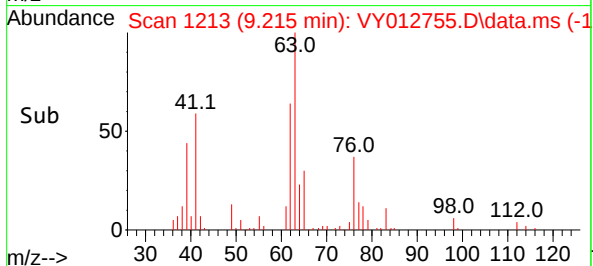
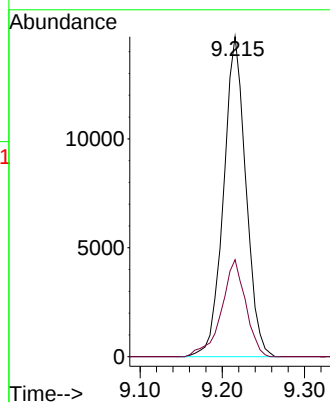
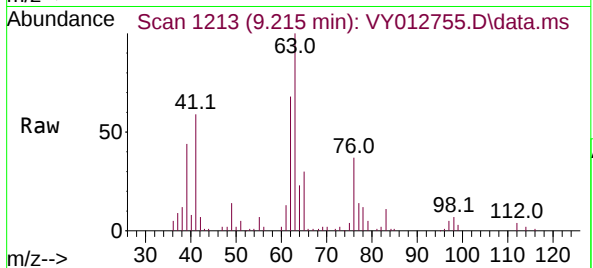
VSTDICC020

Tgt Ion: 63 Resp: 27674

Ion Ratio Lower Upper

63 100

65 30.3 25.7 38.5



#46

Dibromomethane

Concen: 20.119 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

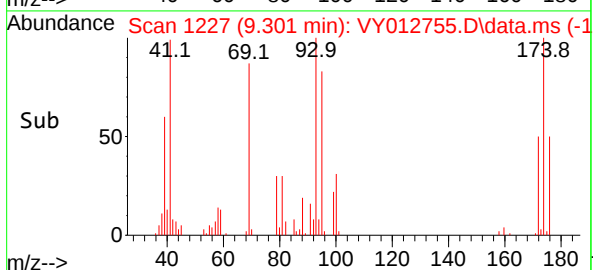
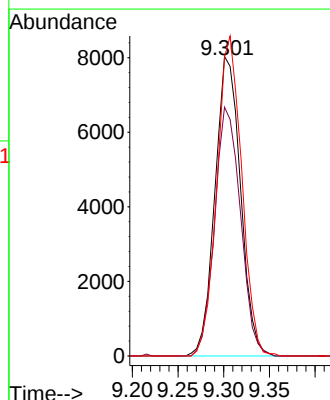
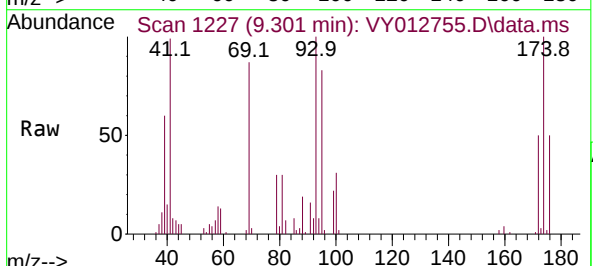
Tgt Ion: 93 Resp: 15601

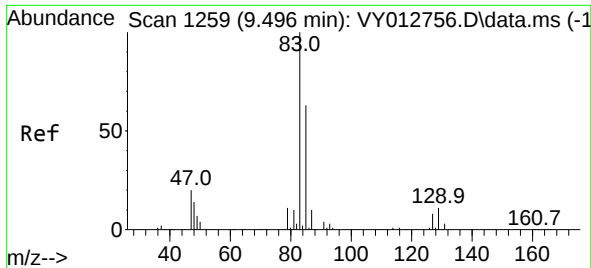
Ion Ratio Lower Upper

93 100

95 83.9 65.6 98.4

174 104.0 81.3 121.9

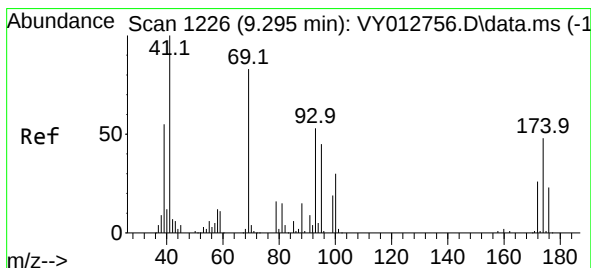
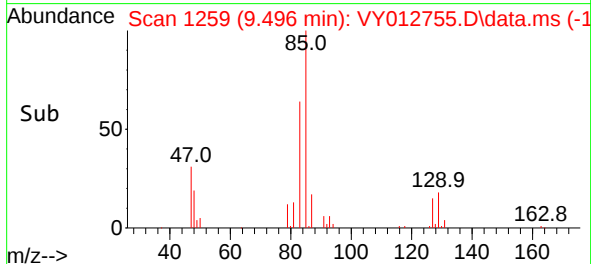
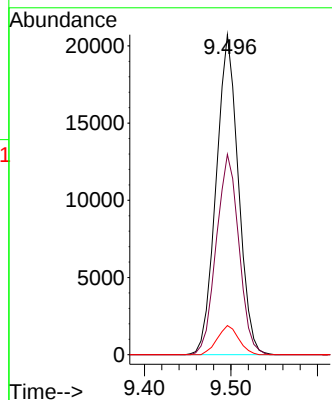
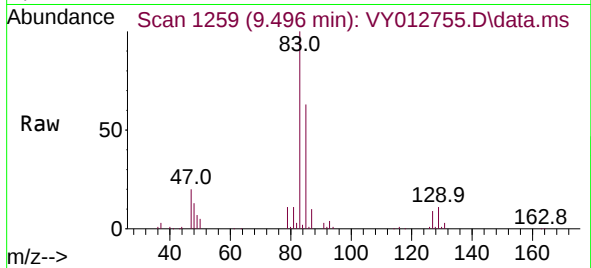




#47
Bromodichloromethane
Concen: 20.153 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

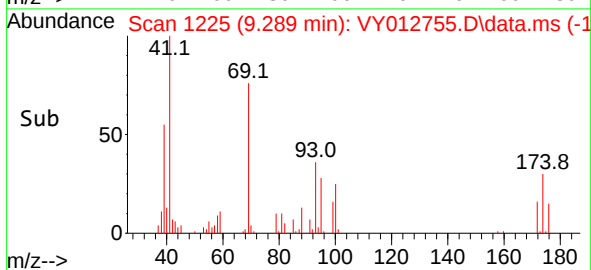
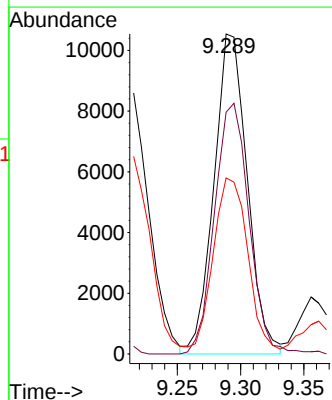
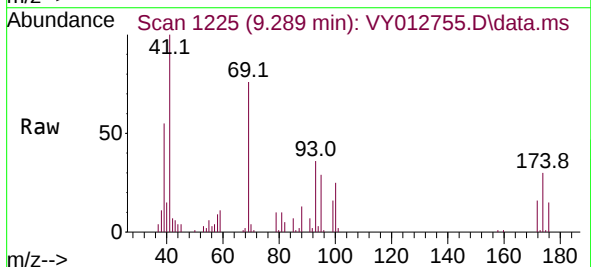
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

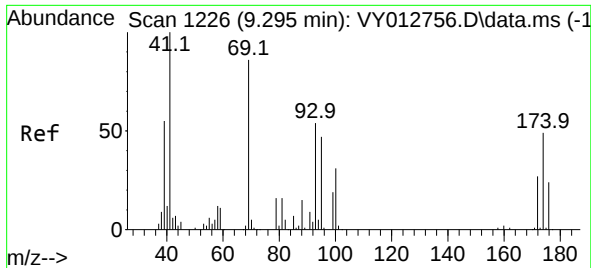
Tgt Ion:	83	Resp:	36826
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.2	75.4
127	9.1	6.3	9.5



#48
Methyl methacrylate
Concen: 19.601 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion:	41	Resp:	19336
Ion	Ratio	Lower	Upper
41	100		
69	81.3	64.1	96.1
39	54.4	44.0	66.0





#49

1,4-Dioxane

Concen: 404.618 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

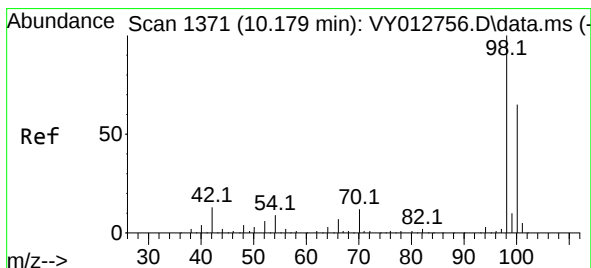
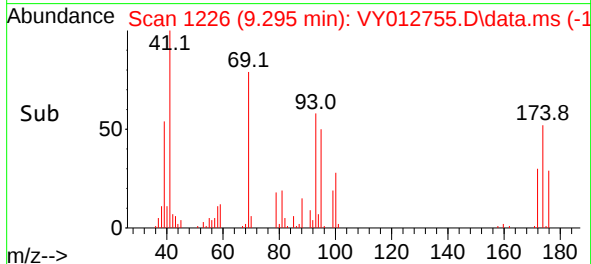
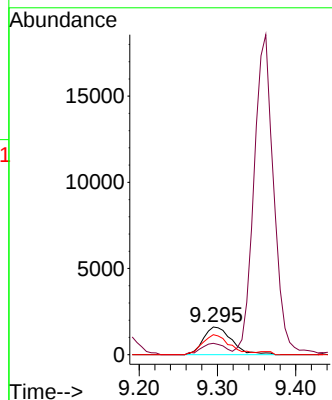
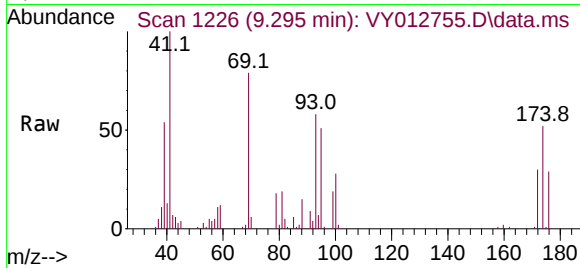
Tgt Ion: 88 Resp: 4056

Ion Ratio Lower Upper

88 100

43 35.0 28.6 42.8

58 69.9 55.2 82.8



#50

Toluene-d8

Concen: 20.881 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012755.D

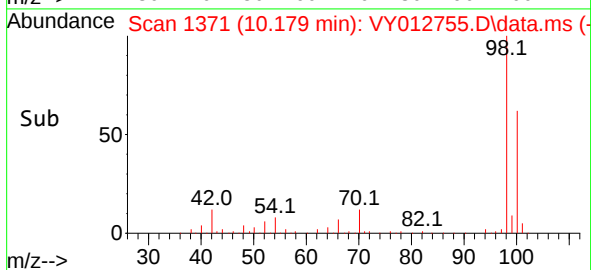
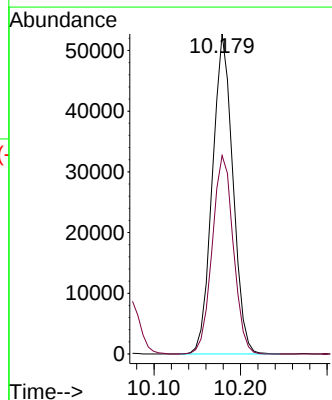
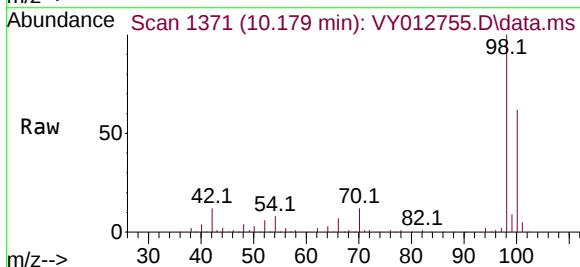
Acq: 02 Mar 2023 13:02

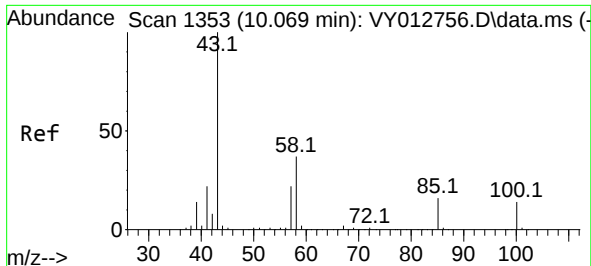
Tgt Ion: 98 Resp: 86731

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

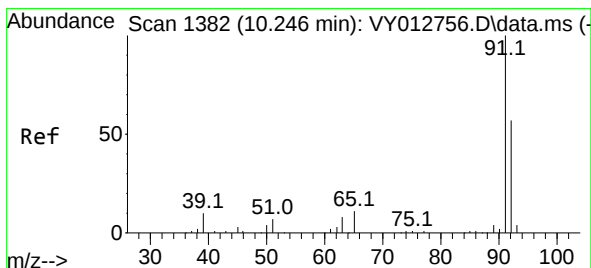
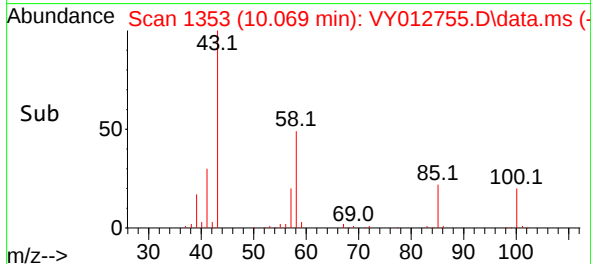
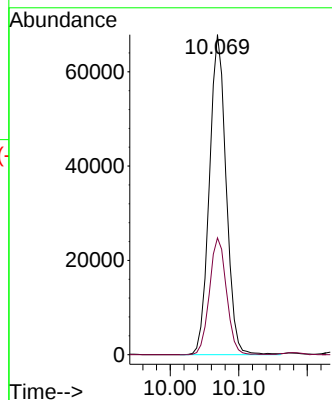
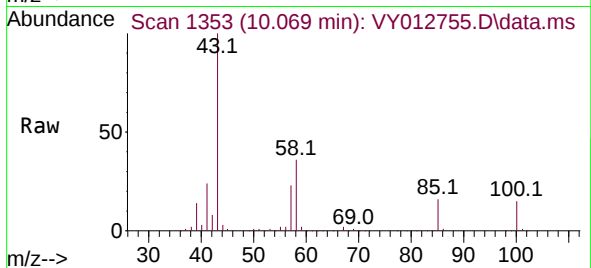




#51
4-Methyl-2-Pentanone
Concen: 99.170 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

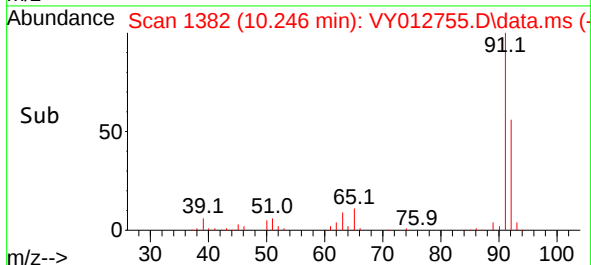
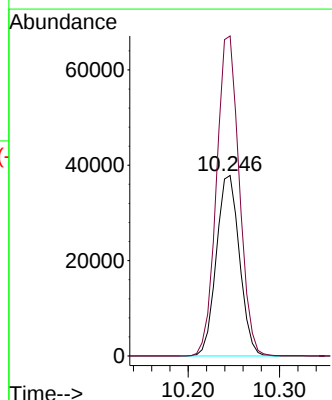
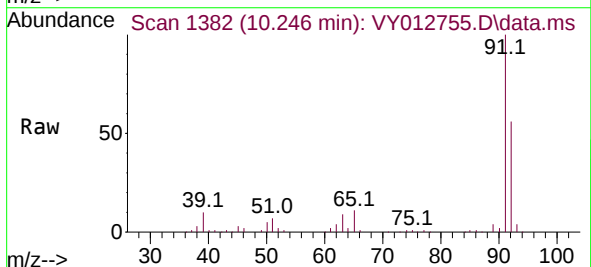
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

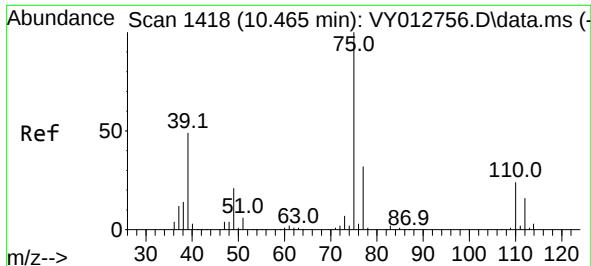
Tgt Ion: 43 Resp: 115170
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6



#52
Toluene
Concen: 20.482 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 92 Resp: 66525
Ion Ratio Lower Upper
92 100
91 174.6 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 19.928 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

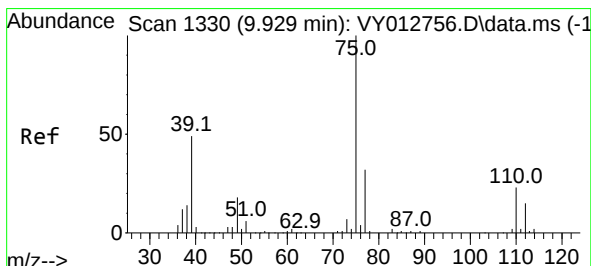
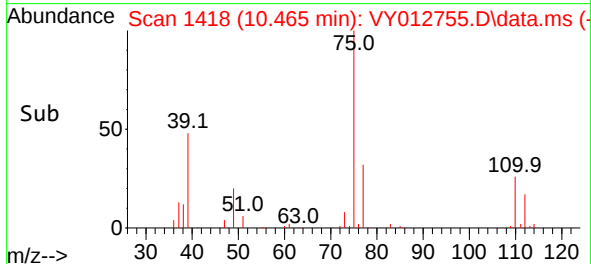
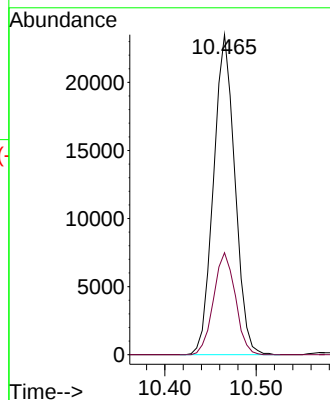
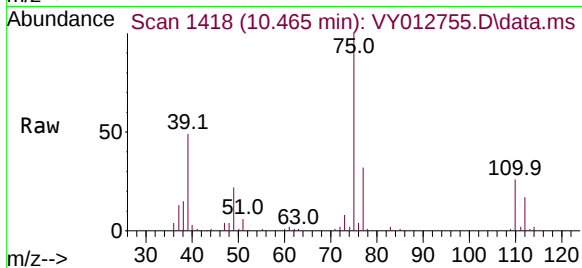
VSTDIC020

Tgt Ion: 75 Resp: 38195

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.063 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

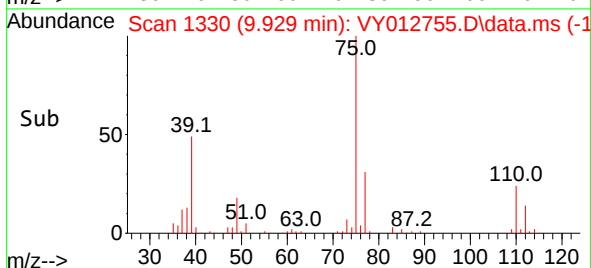
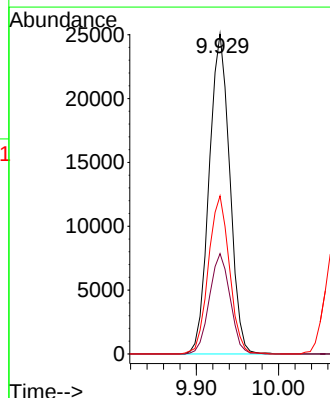
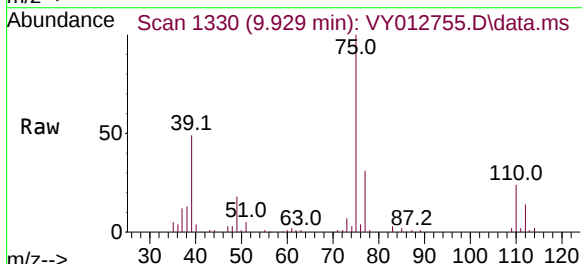
Tgt Ion: 75 Resp: 43525

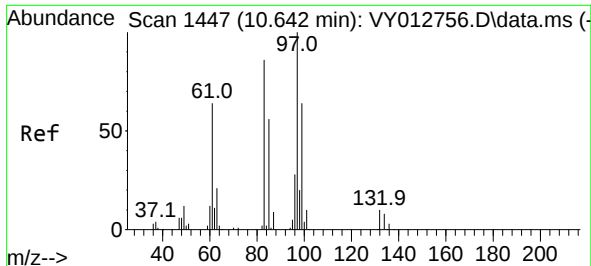
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 49.4 39.0 58.4

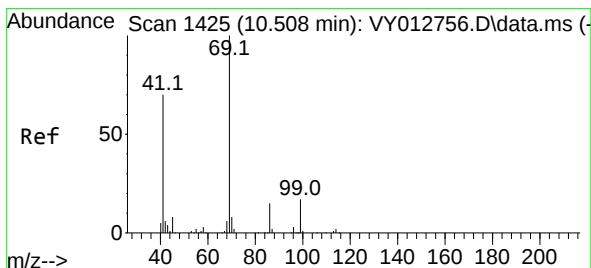
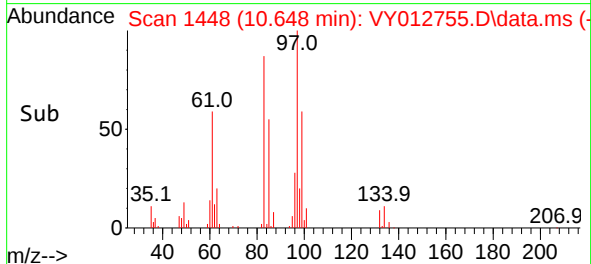
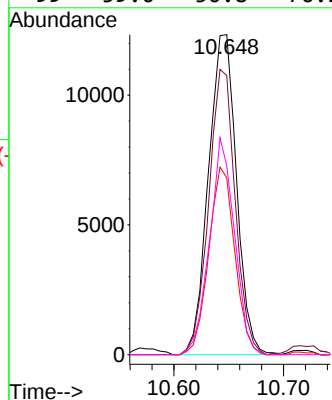
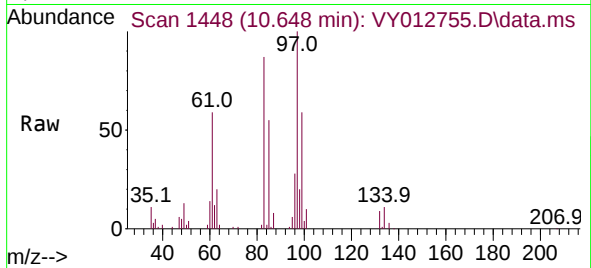




#55
1,1,2-Trichloroethane
Concen: 20.303 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

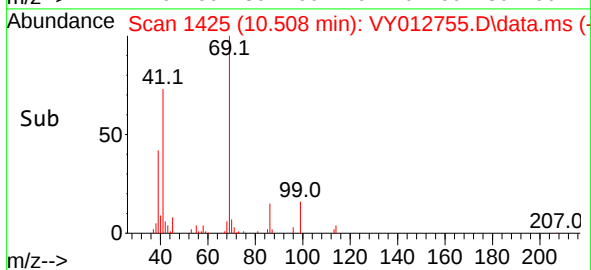
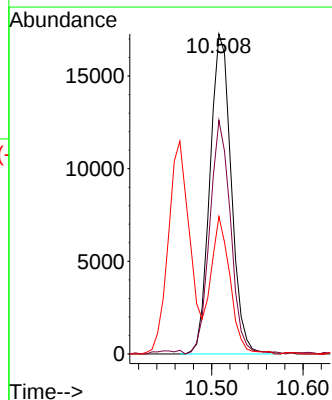
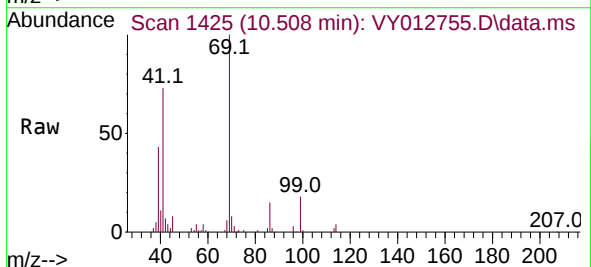
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

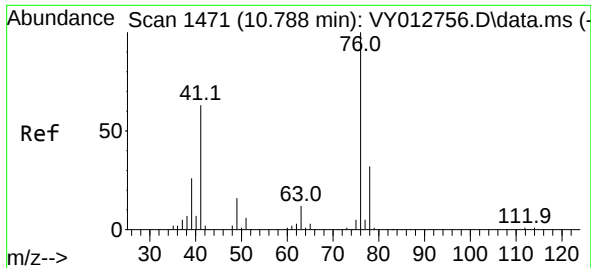
Tgt Ion: 97	Resp: 21925
Ion Ratio	Lower Upper
97 100	
83 87.3	69.0 103.6
85 55.3	44.9 67.3
99 59.0	50.8 76.2



#56
Ethyl methacrylate
Concen: 19.389 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 69	Resp: 27919
Ion Ratio	Lower Upper
69 100	
41 71.6	56.4 84.6
39 38.4	30.8 46.2

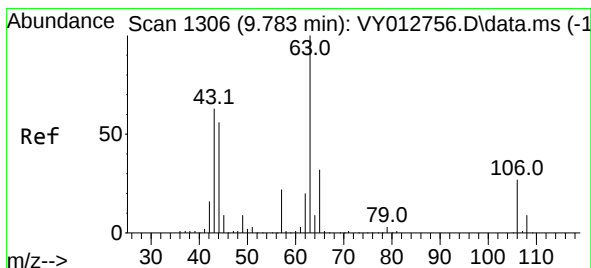
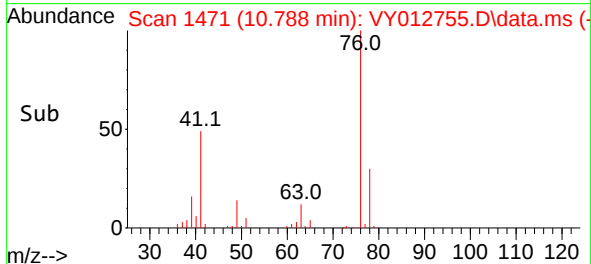
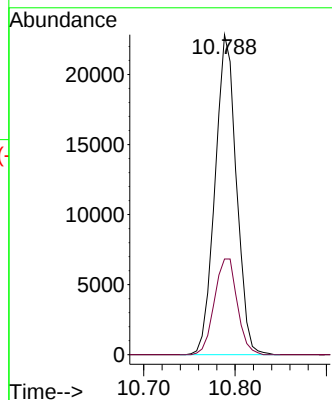
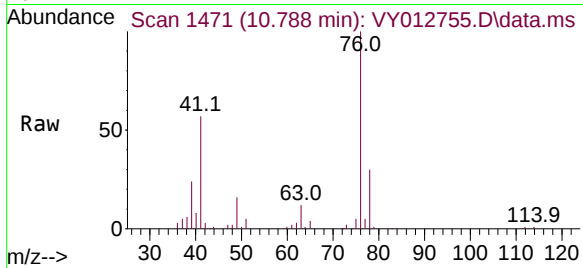




#57
1,3-Dichloropropane
Concen: 20.122 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

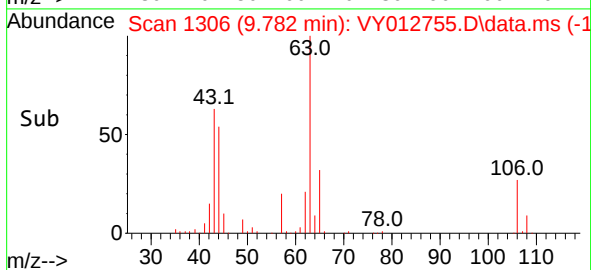
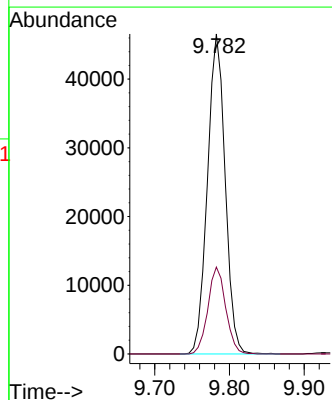
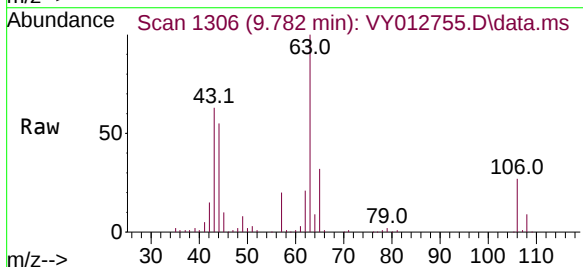
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

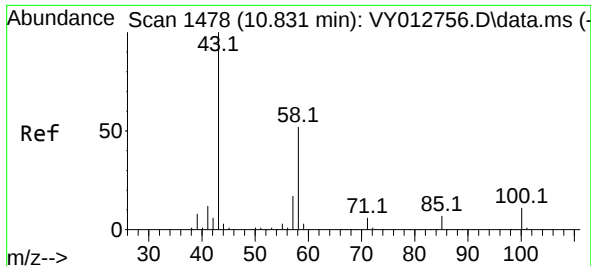
Tgt Ion: 76 Resp: 37010
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 101.258 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 63 Resp: 76541
Ion Ratio Lower Upper
63 100
106 27.2 22.1 33.1

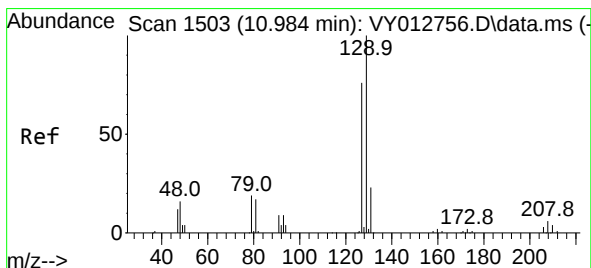
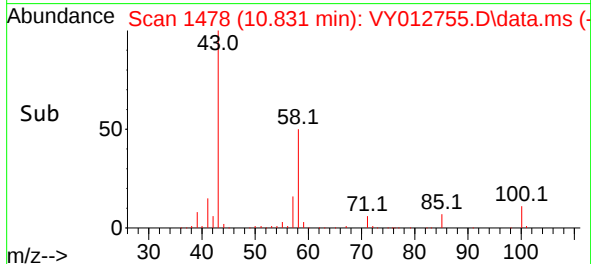
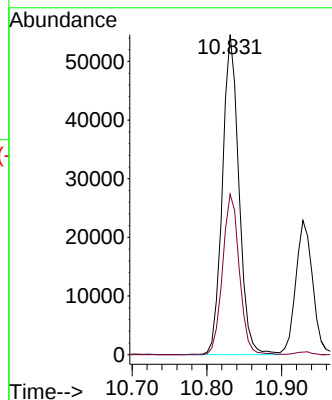
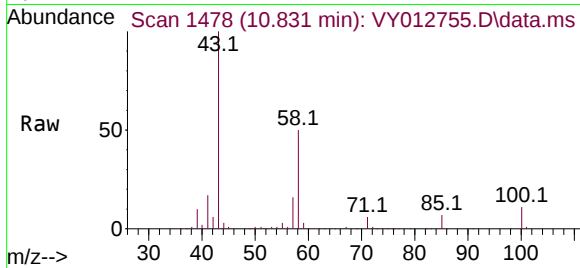




#59
2-Hexanone
Concen: 99.345 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

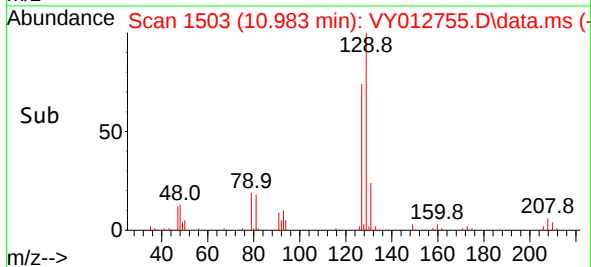
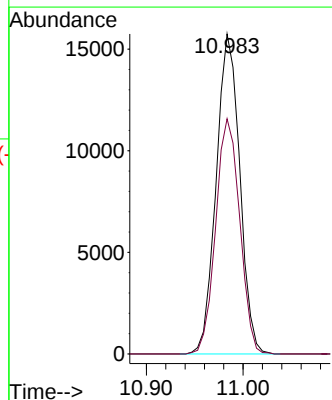
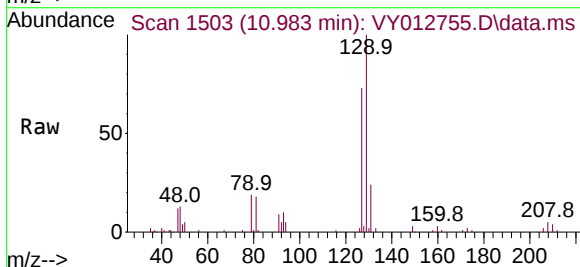
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

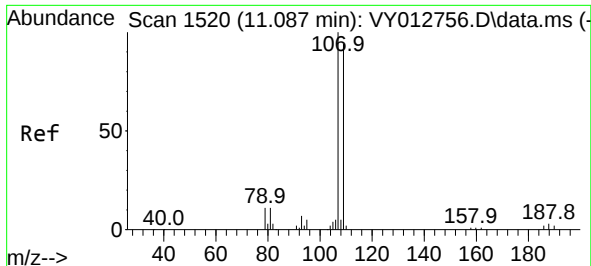
Tgt Ion: 43 Resp: 83851
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.8



#60
Dibromochloromethane
Concen: 20.245 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 129 Resp: 26613
Ion Ratio Lower Upper
129 100
127 74.9 38.7 116.1

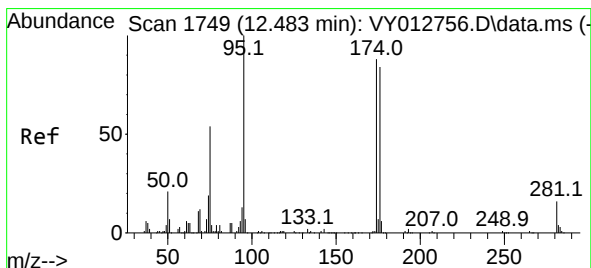
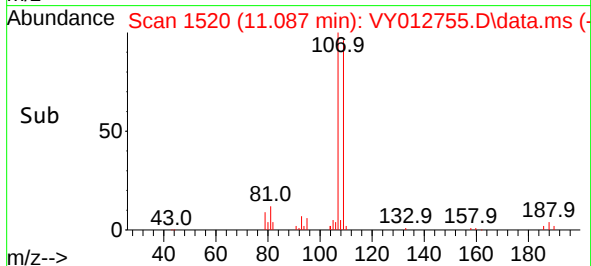
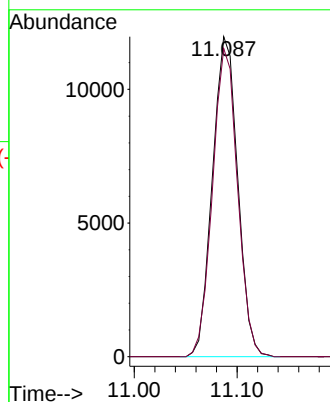
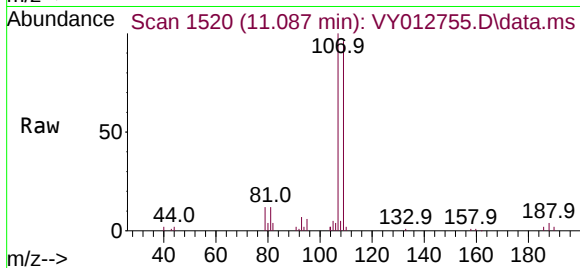




#61
1,2-Dibromoethane
Concen: 19.609 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

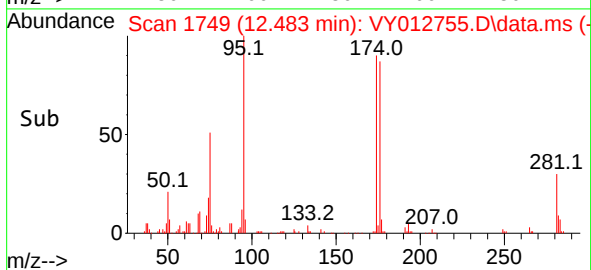
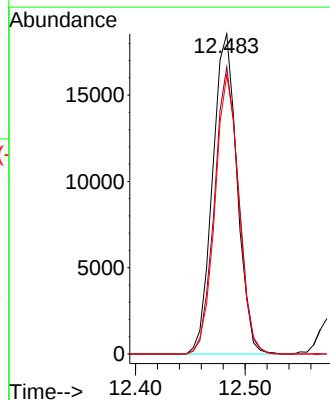
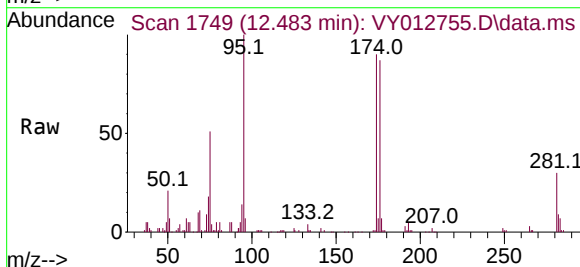
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

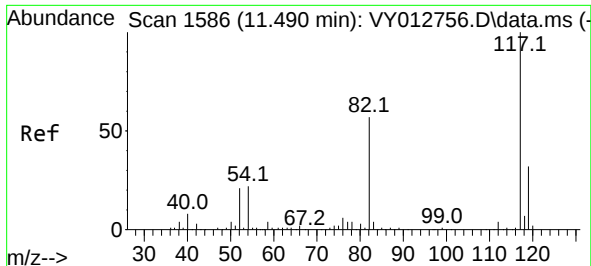
Tgt Ion:107 Resp: 20398
Ion Ratio Lower Upper
107 100
109 95.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 20.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 95 Resp: 28793
Ion Ratio Lower Upper
95 100
174 88.3 0.0 176.6
176 85.1 0.0 170.2

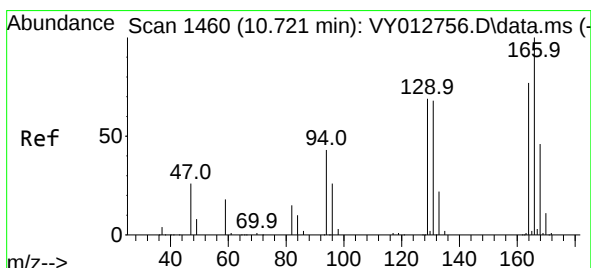
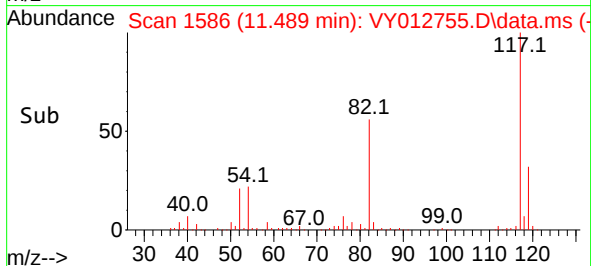
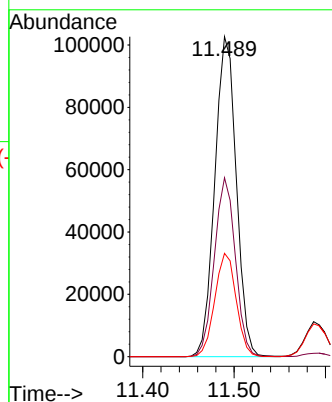
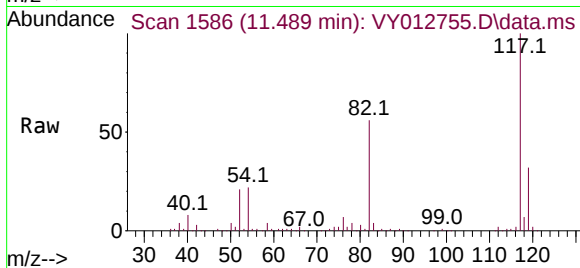




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

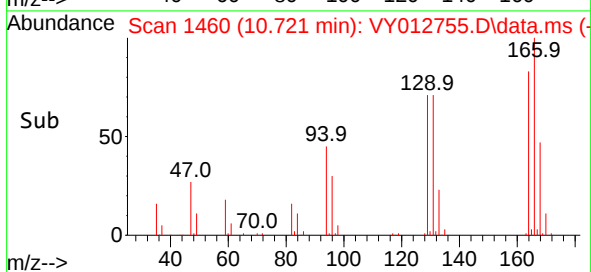
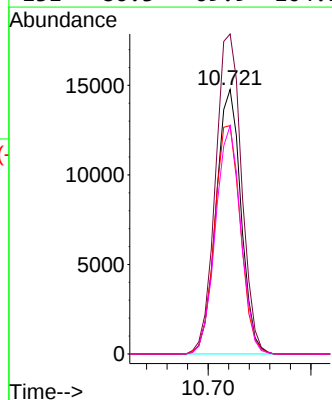
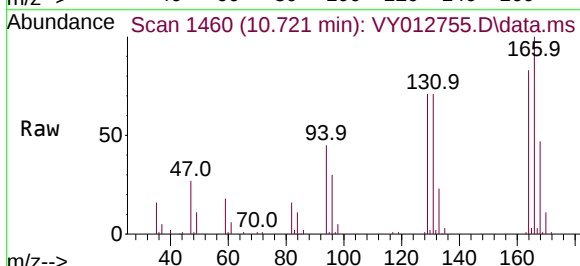
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

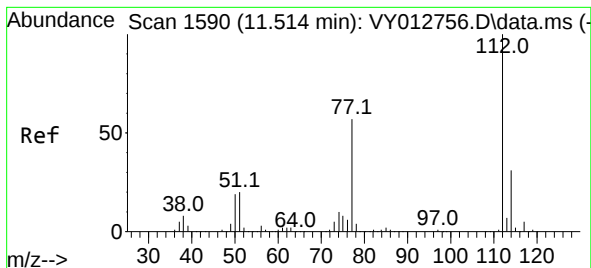
Tgt Ion:117 Resp: 168021
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 20.310 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion:164 Resp: 24845
Ion Ratio Lower Upper
164 100
166 121.0 103.4 155.2
129 86.3 71.4 107.2
131 86.3 69.9 104.9

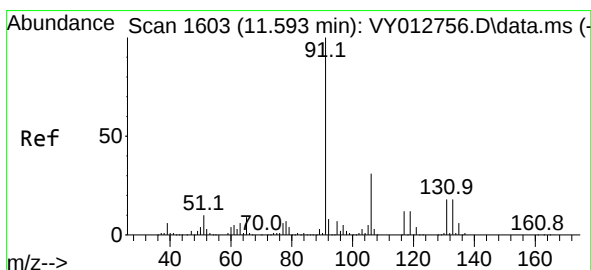
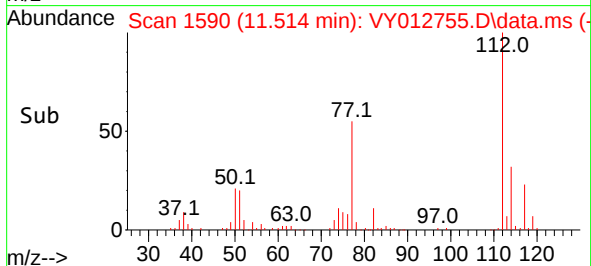
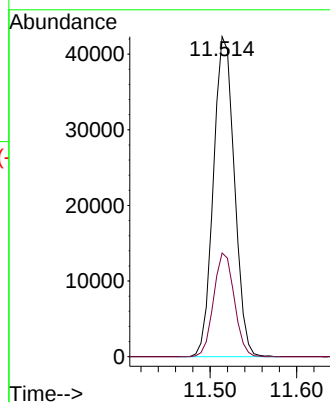
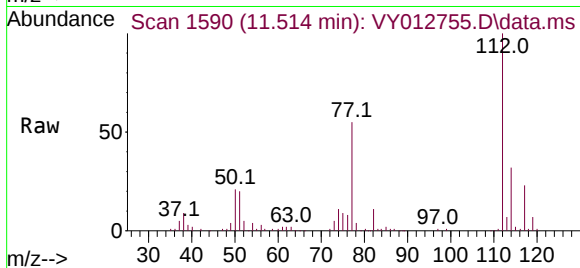




#65
Chlorobenzene
Concen: 20.213 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

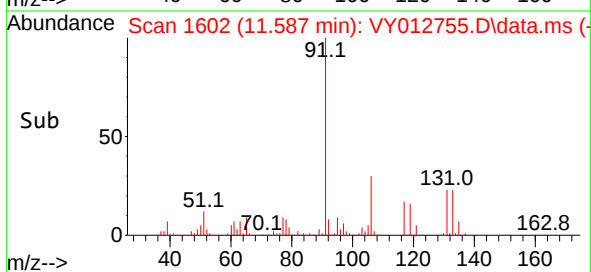
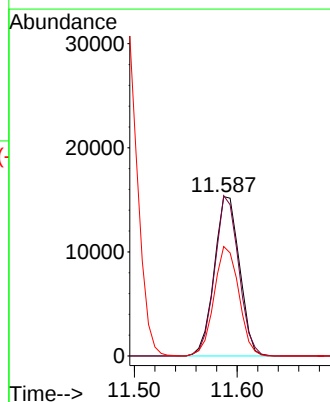
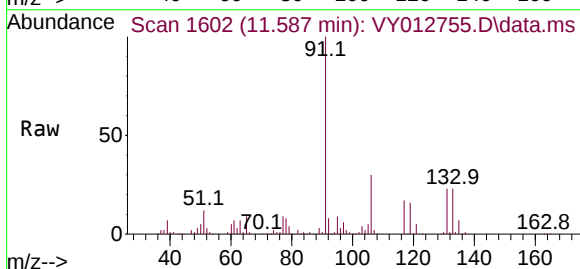
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

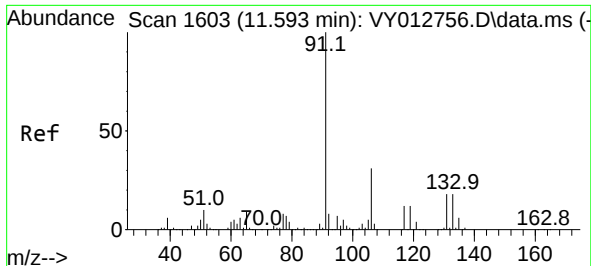
Tgt Ion:112 Resp: 71277
Ion Ratio Lower Upper
112 100
114 32.4 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.993 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion:131 Resp: 26088
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 67.3 32.6 98.0

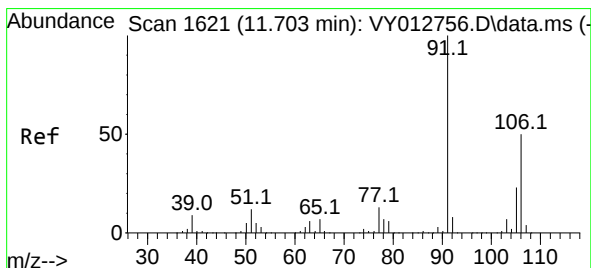
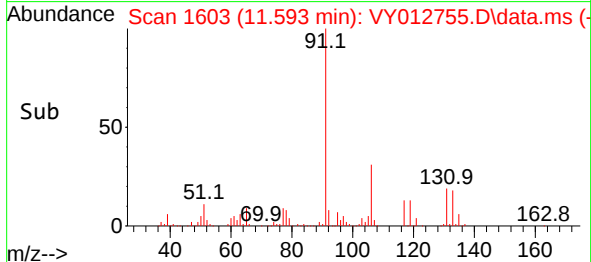
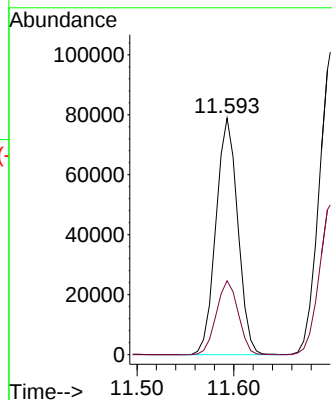
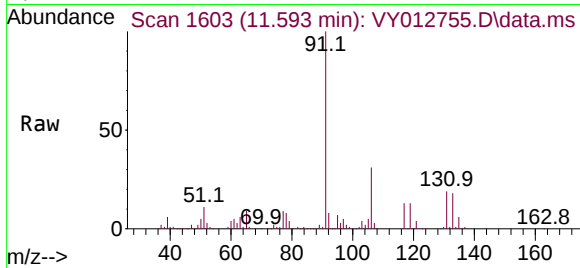




#67
Ethyl Benzene
Concen: 19.947 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

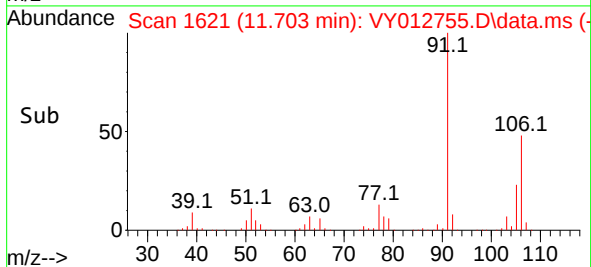
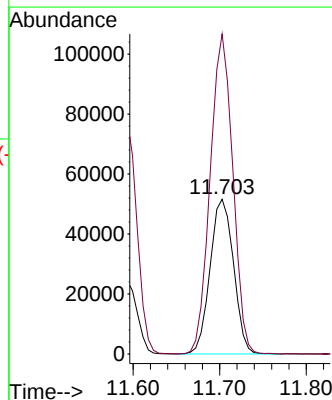
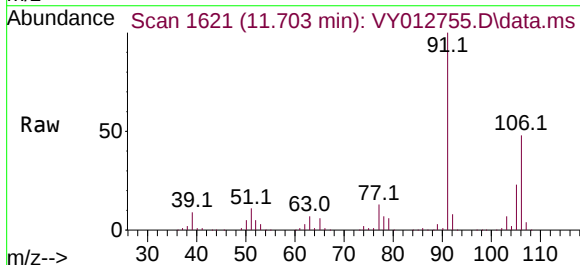
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

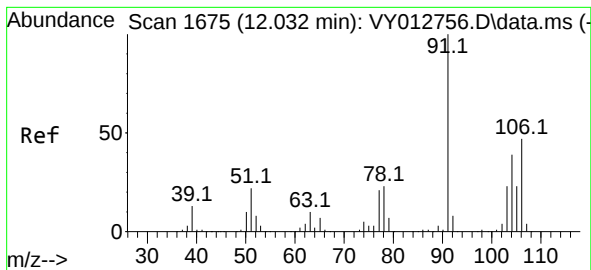
Tgt Ion: 91 Resp: 123669
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 40.679 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion:106 Resp: 97022
Ion Ratio Lower Upper
106 100
91 199.8 159.8 239.8

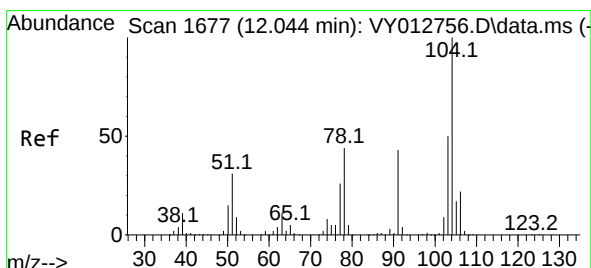
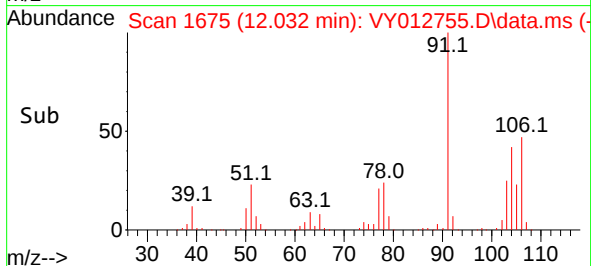
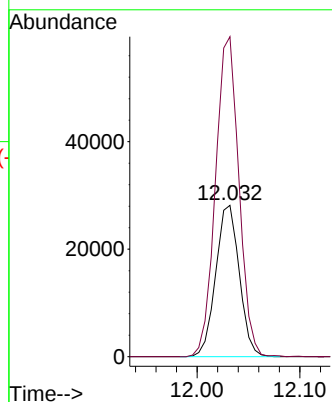
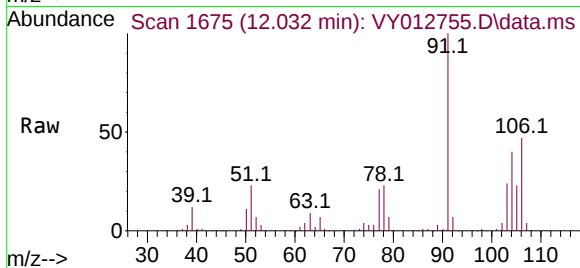




#69
o-Xylene
Concen: 20.116 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

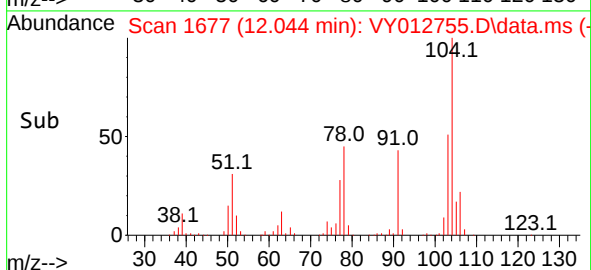
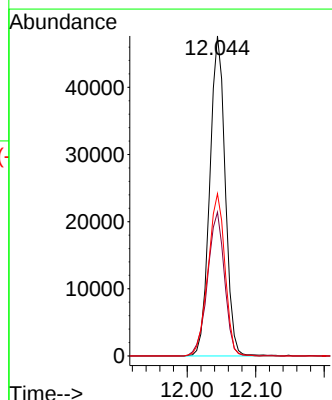
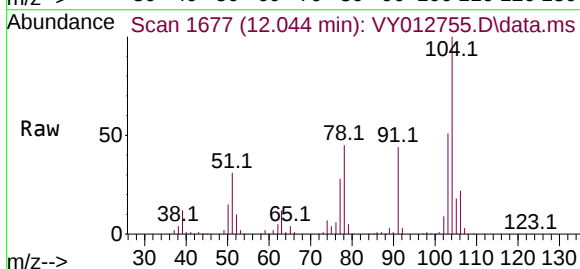
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 44778
Ion Ratio Lower Upper
106 100
91 210.5 107.2 321.6



#70
Styrene
Concen: 20.174 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion:104 Resp: 74939
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 55.2 43.7 65.5





#71

Bromoform

Concen: 19.536 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

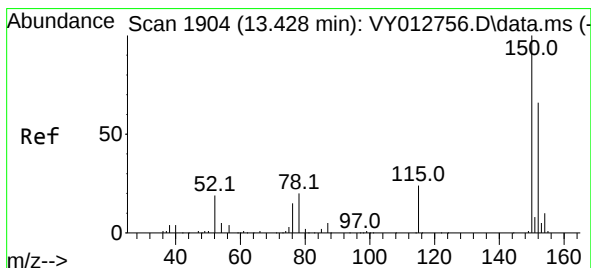
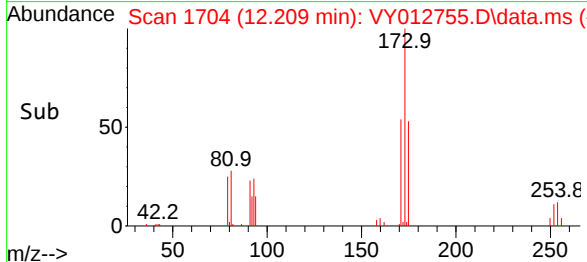
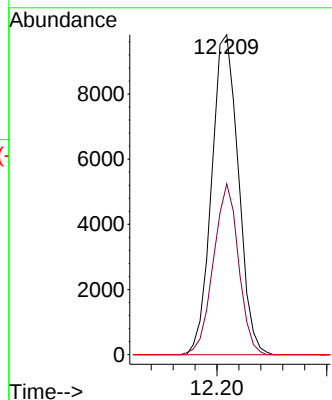
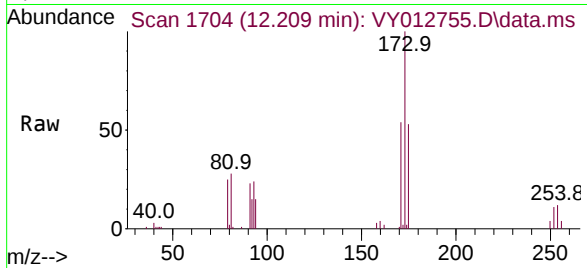
Tgt Ion:173 Resp: 16621

Ion Ratio Lower Upper

173 100

175 50.2 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

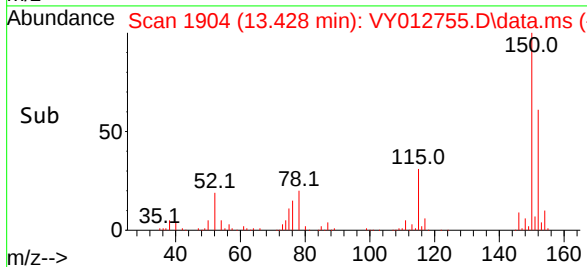
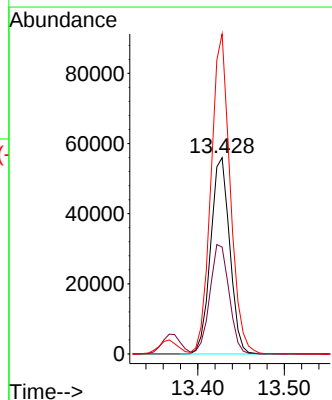
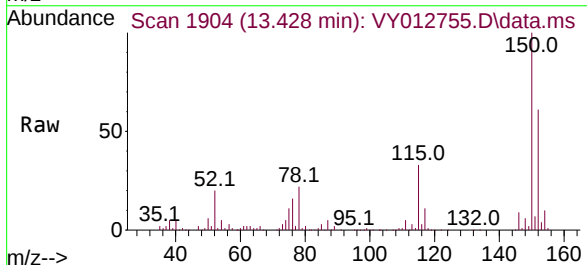
Tgt Ion:152 Resp: 85737

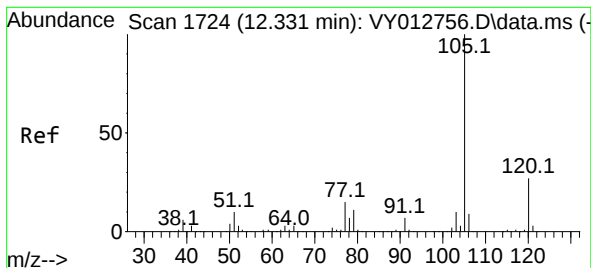
Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 164.0 0.0 347.8





#73

Isopropylbenzene

Concen: 19.713 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

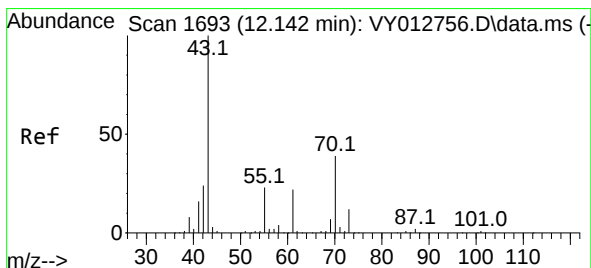
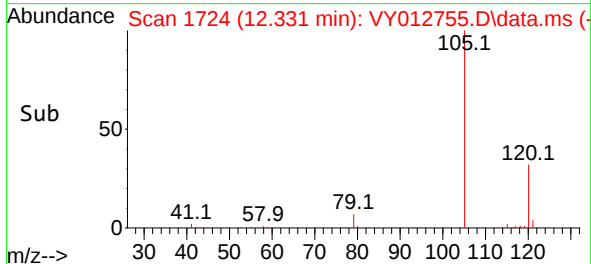
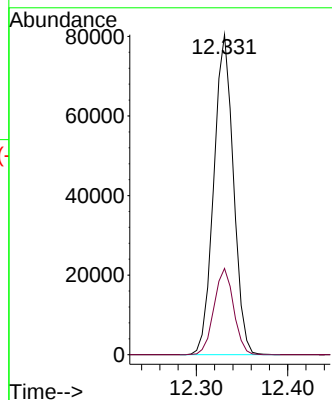
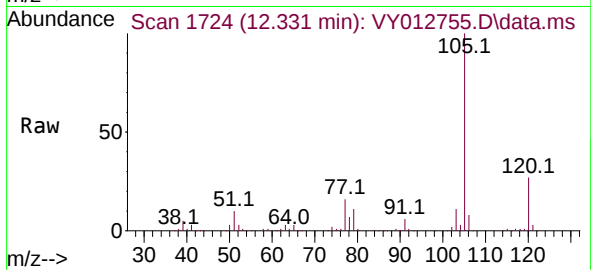
VSTDIC020

Tgt Ion:105 Resp: 119782

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 19.092 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Tgt Ion: 43 Resp: 36501

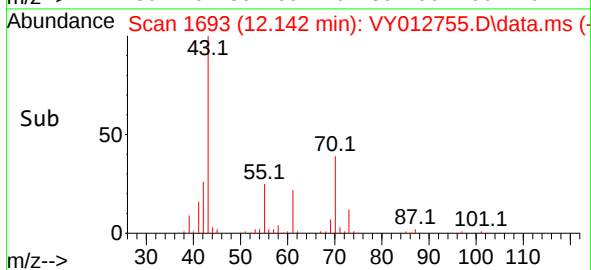
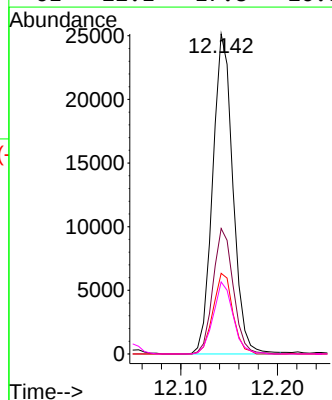
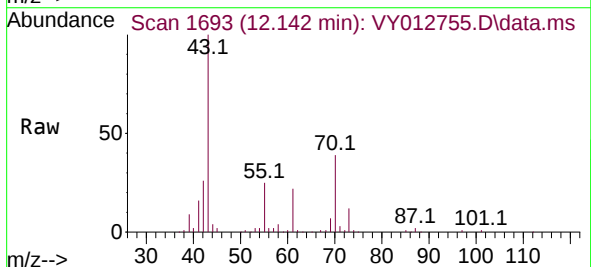
Ion Ratio Lower Upper

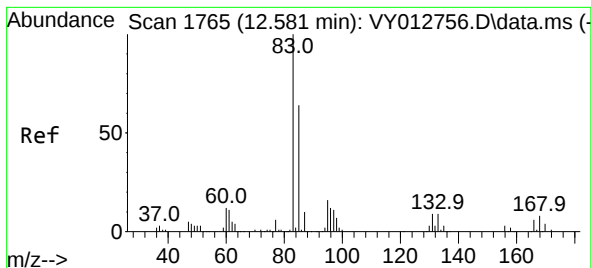
43 100

70 39.2 31.6 47.4

55 24.6 18.8 28.2

61 22.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.829 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

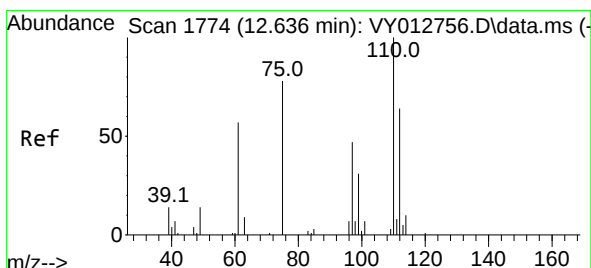
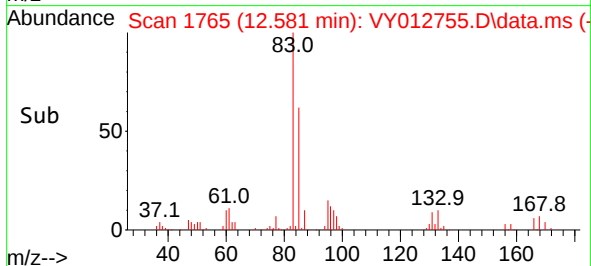
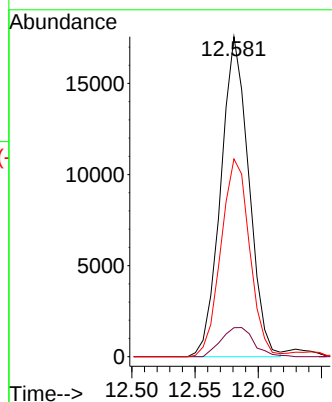
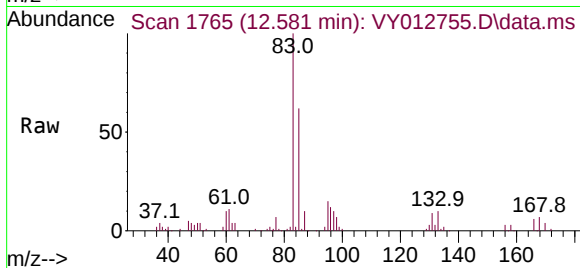
Tgt Ion: 83 Resp: 27084

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

85 63.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 32.916 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012755.D

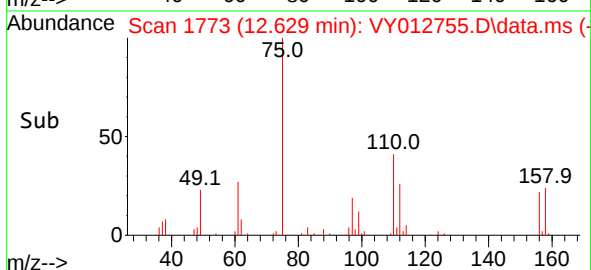
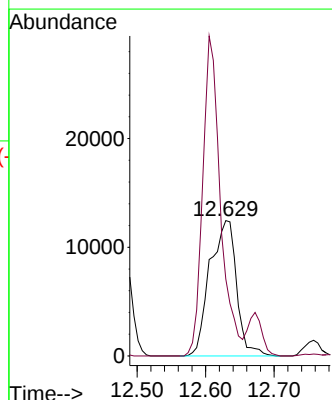
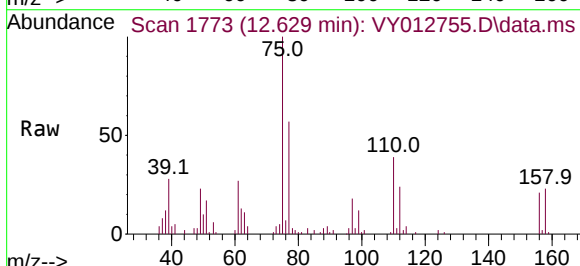
Acq: 02 Mar 2023 13:02

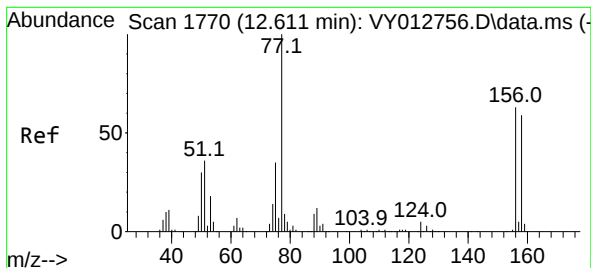
Tgt Ion: 75 Resp: 33701

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.705 ug/l

RT: 12.611 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

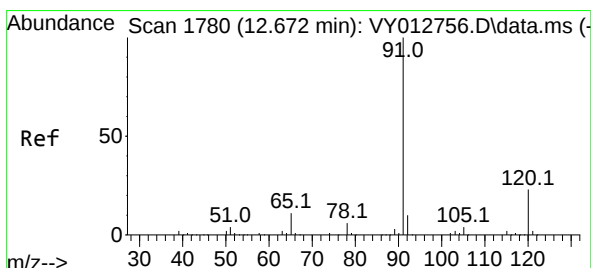
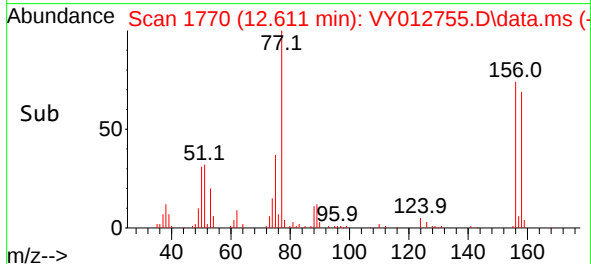
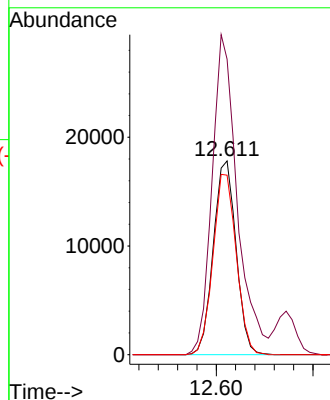
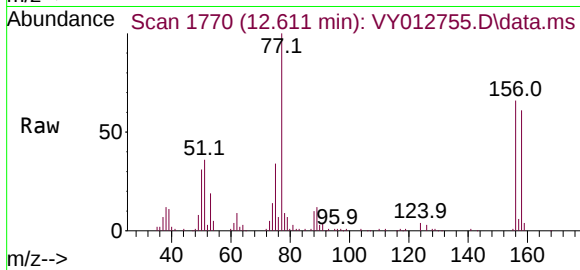
Tgt Ion:156 Resp: 29087

Ion Ratio Lower Upper

156 100

77 183.1 94.0 282.1

158 95.4 48.1 144.4



#78

n-propylbenzene

Concen: 19.724 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012755.D

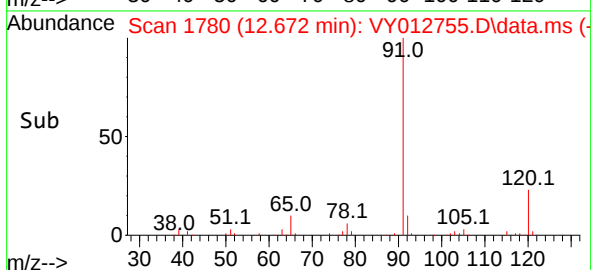
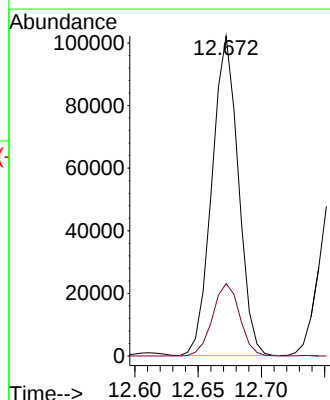
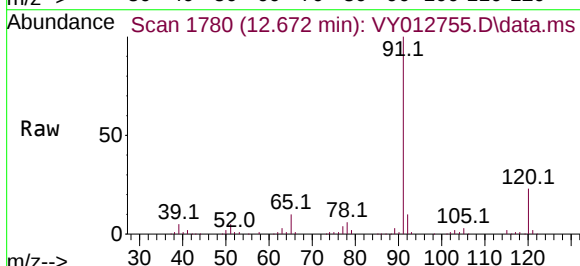
Acq: 02 Mar 2023 13:02

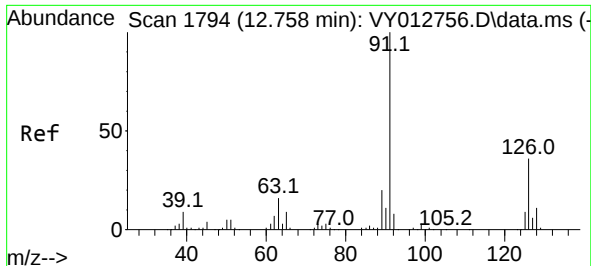
Tgt Ion: 91 Resp: 147763

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 19.945 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

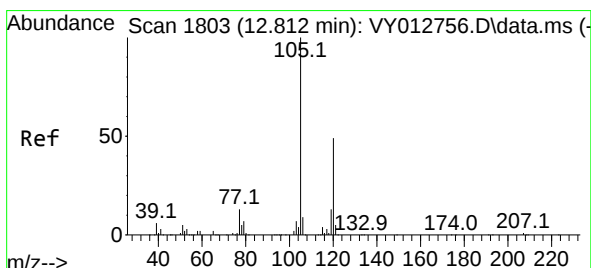
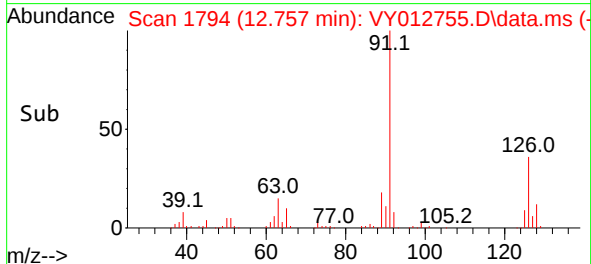
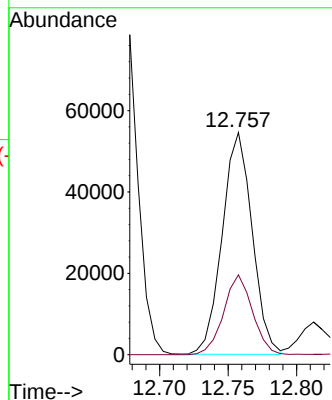
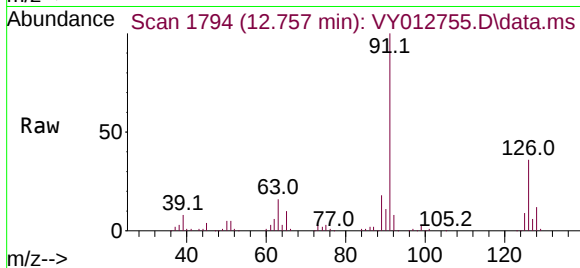
VSTDICC020

Tgt Ion: 91 Resp: 83042

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.093 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012755.D

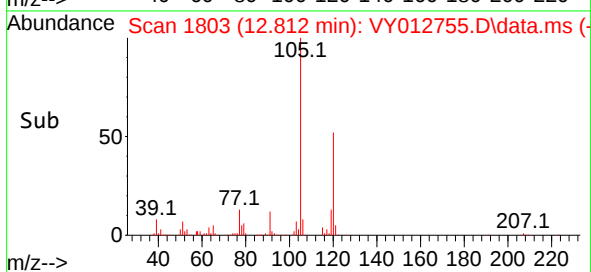
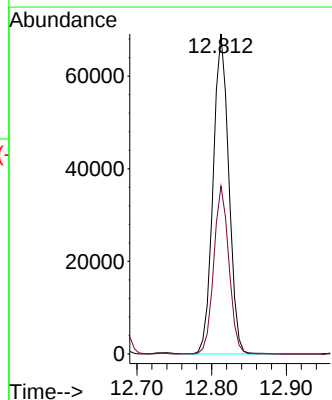
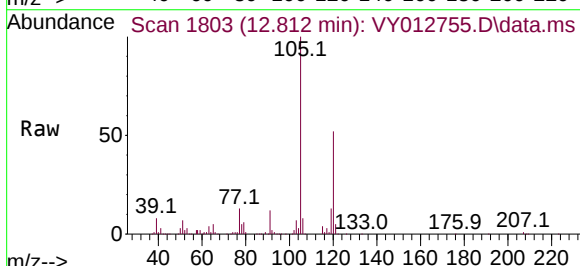
Acq: 02 Mar 2023 13:02

Tgt Ion:105 Resp: 100756

Ion Ratio Lower Upper

105 100

120 50.5 24.8 74.4

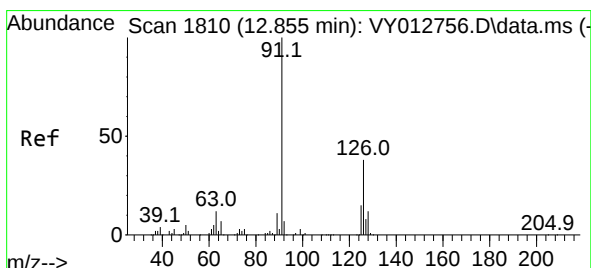
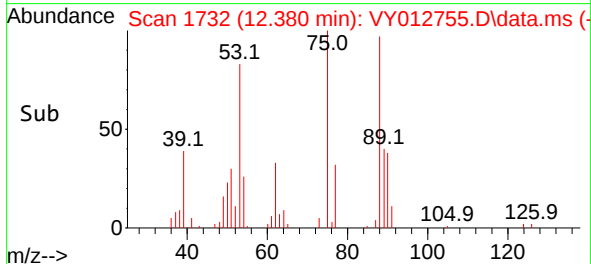
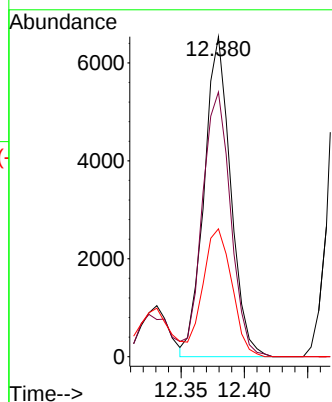
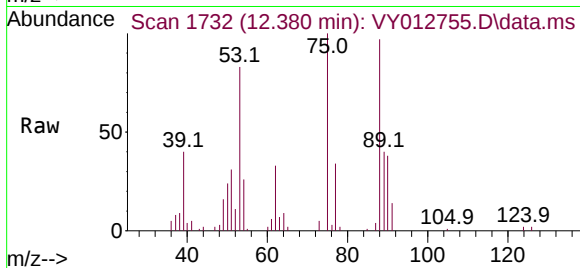




#81
trans-1,4-Dichloro-2-butene
Concen: 19.297 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

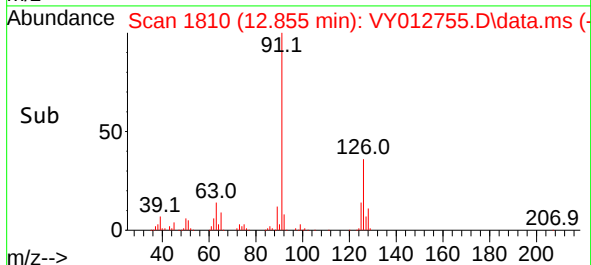
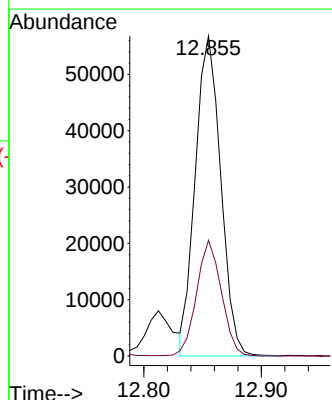
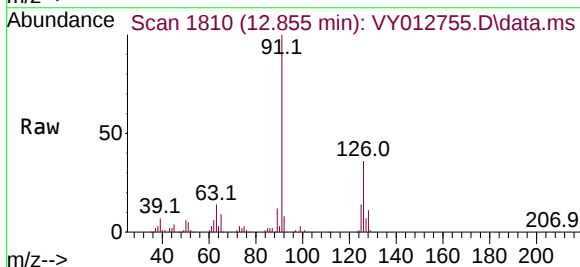
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

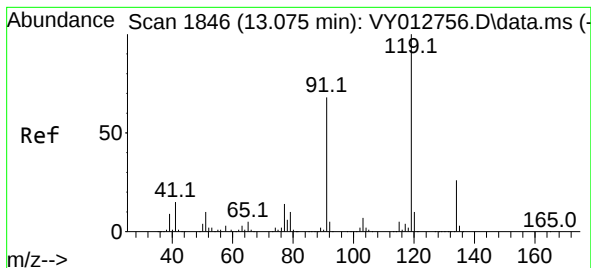
Tgt Ion: 75 Resp: 9535
Ion Ratio Lower Upper
75 100
53 87.9 73.4 110.0
89 43.3 36.6 55.0



#82
4-Chlorotoluene
Concen: 19.829 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012755.D
Acq: 02 Mar 2023 13:02

Tgt Ion: 91 Resp: 85461
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1





#83

tert-Butylbenzene

Concen: 19.967 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

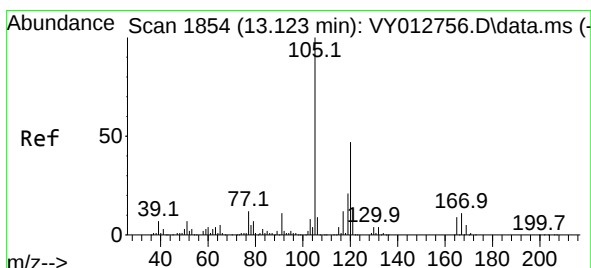
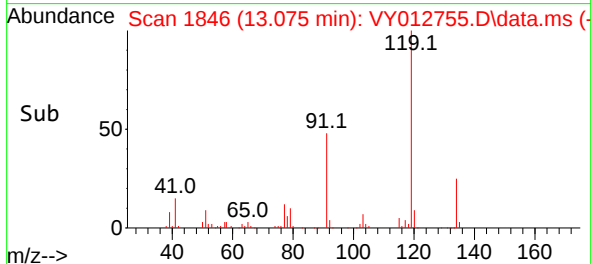
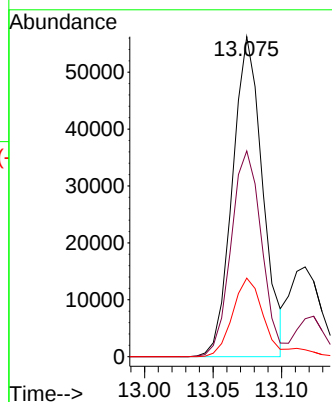
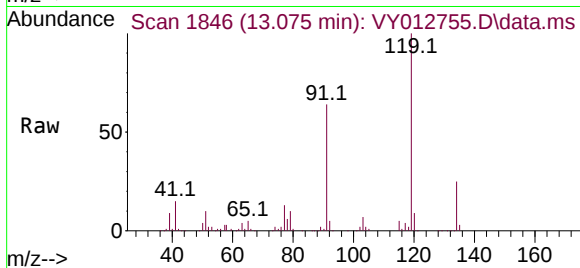
Tgt Ion:119 Resp: 86421

Ion Ratio Lower Upper

119 100

91 65.7 32.8 98.3

134 26.5 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.223 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012755.D

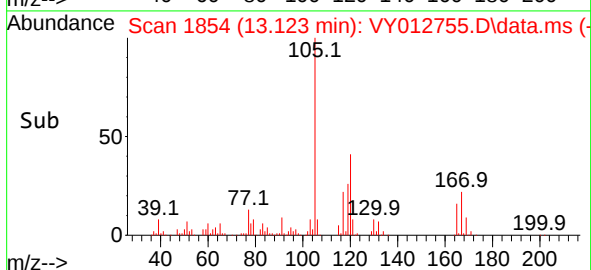
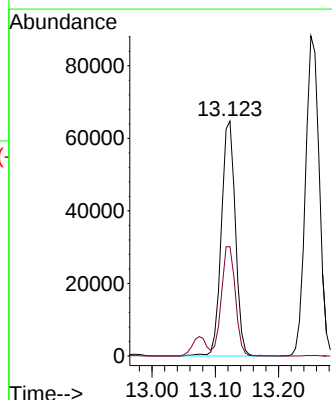
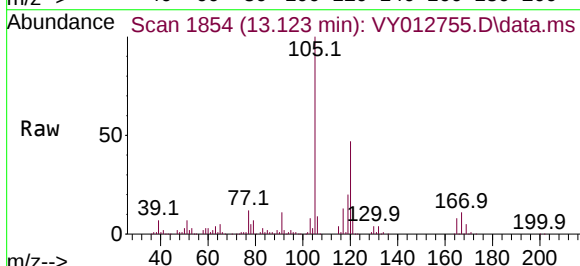
Acq: 02 Mar 2023 13:02

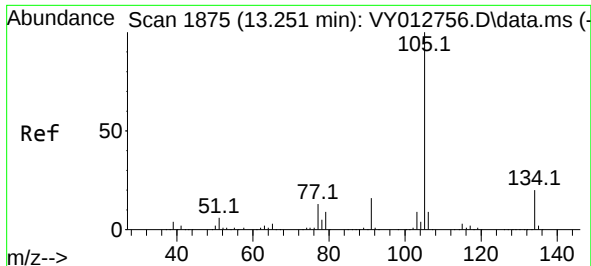
Tgt Ion:105 Resp: 99161

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0

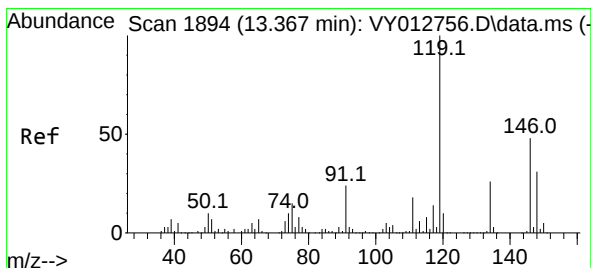
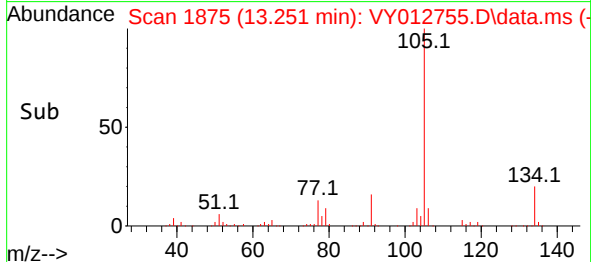
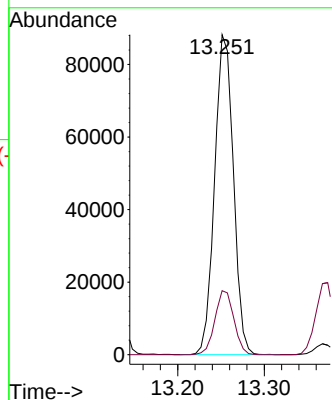
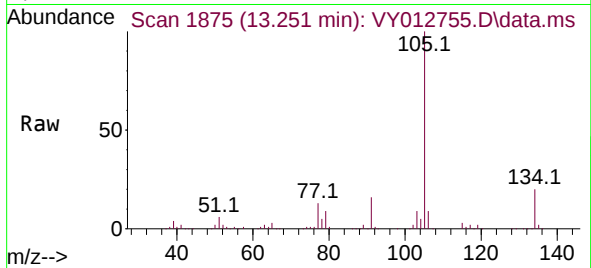




#85
 sec-Butylbenzene
 Concen: 20.115 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012755.D
 Acq: 02 Mar 2023 13:02

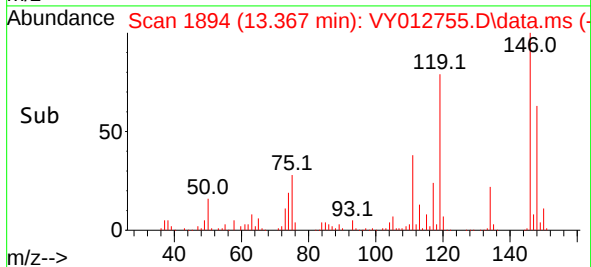
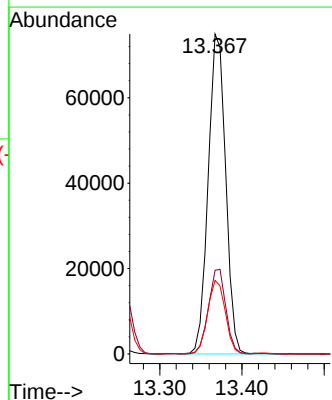
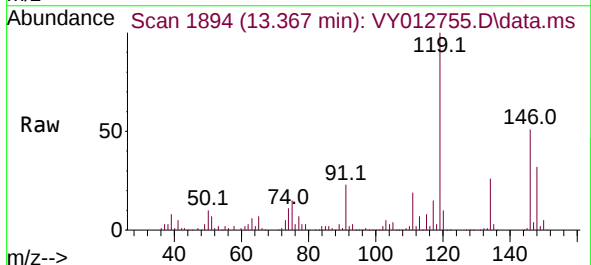
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

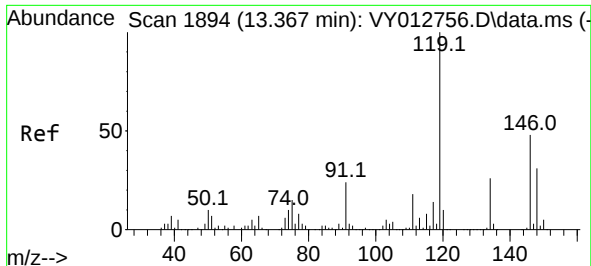
Tgt Ion:105 Resp: 132814
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.490 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012755.D
 Acq: 02 Mar 2023 13:02

Tgt Ion:119 Resp: 110571
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.183 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

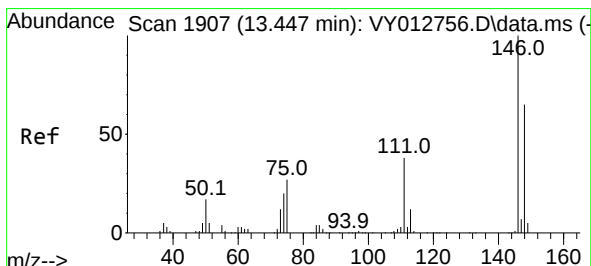
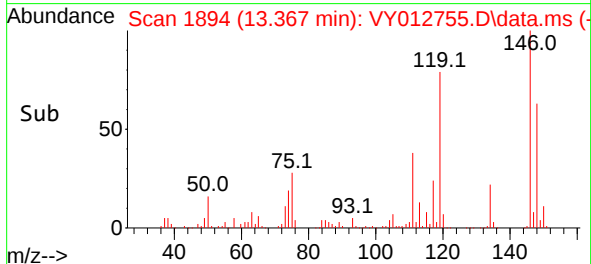
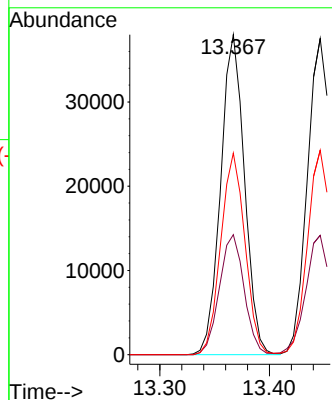
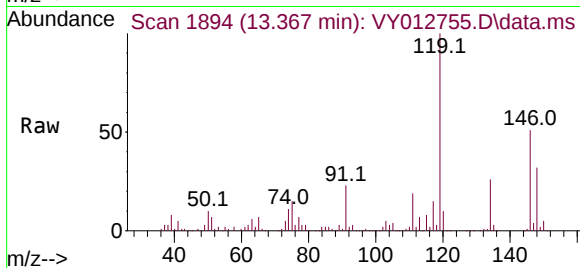
Tgt Ion:146 Resp: 57459

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.5

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.095 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

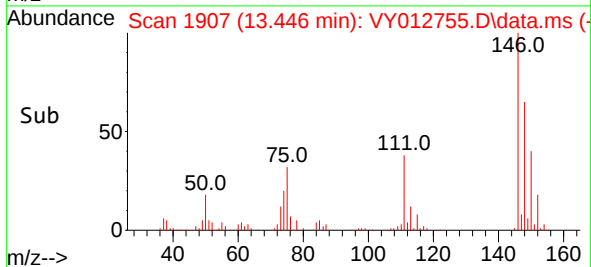
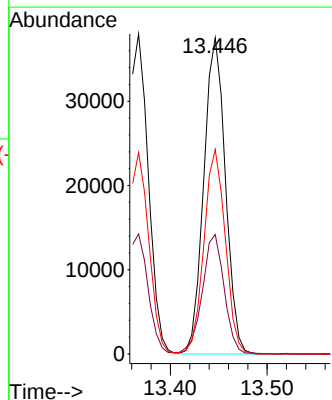
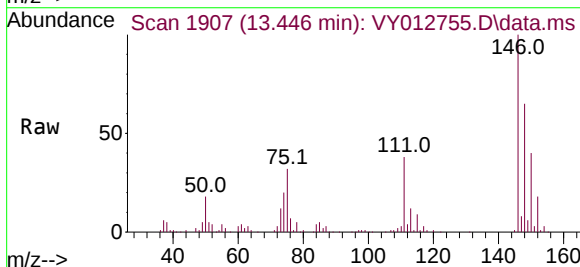
Tgt Ion:146 Resp: 58387

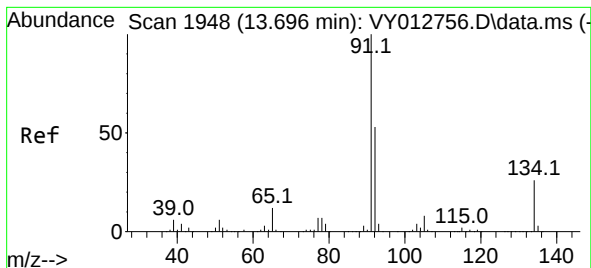
Ion Ratio Lower Upper

146 100

111 38.2 18.6 55.8

148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 19.892 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

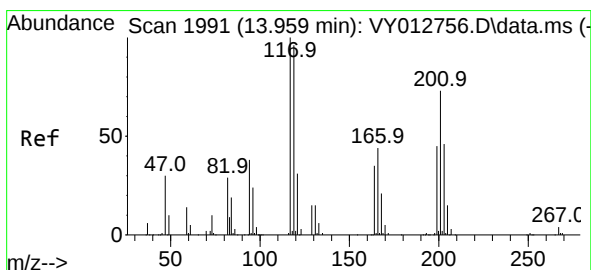
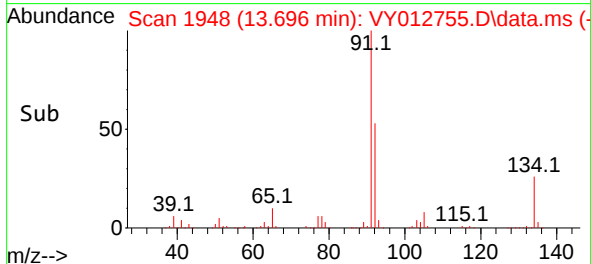
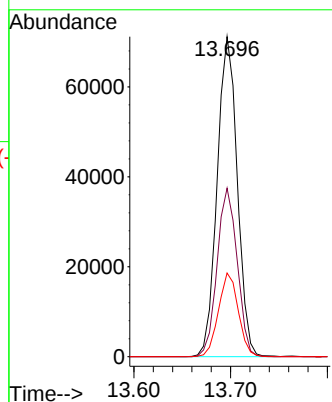
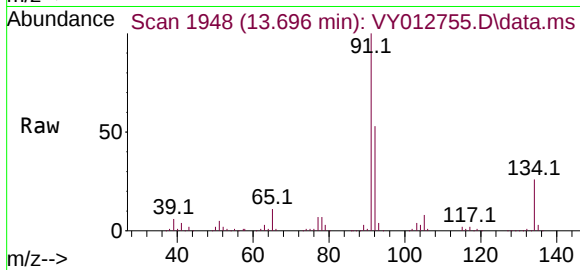
Tgt Ion: 91 Resp: 102766

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 19.969 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012755.D

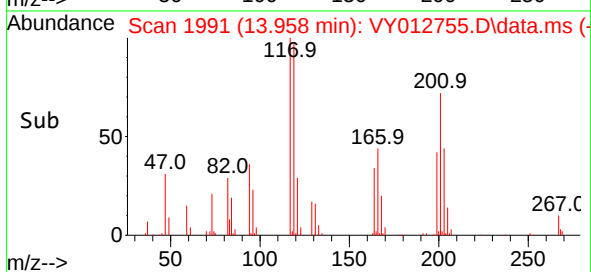
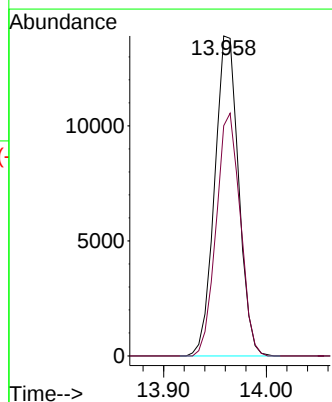
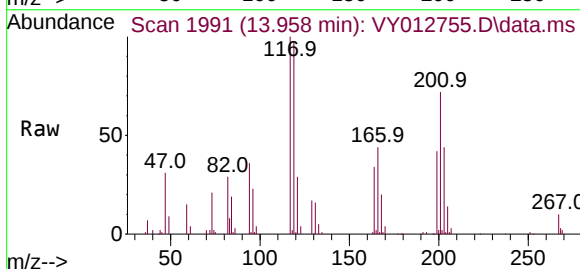
Acq: 02 Mar 2023 13:02

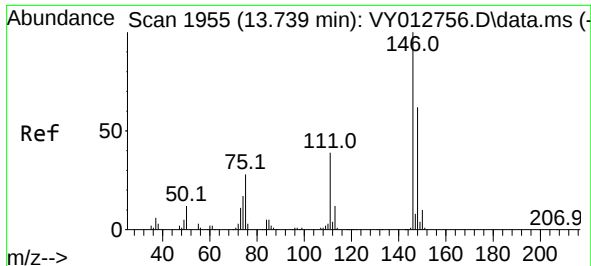
Tgt Ion: 117 Resp: 22444

Ion Ratio Lower Upper

117 100

201 76.3 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 19.932 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

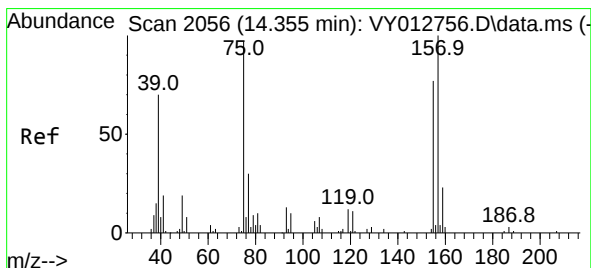
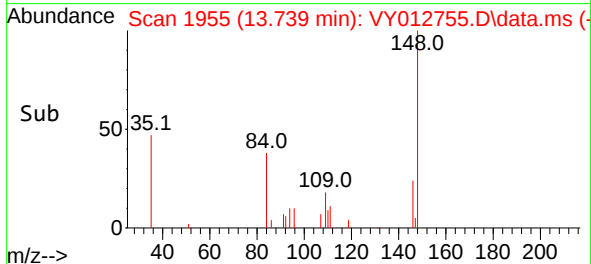
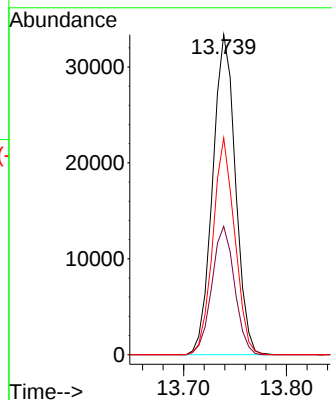
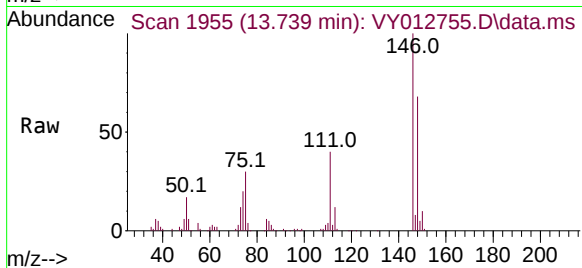
Tgt Ion:146 Resp: 51297

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.1

148 65.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.457 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

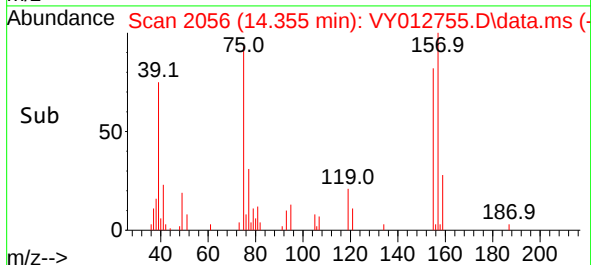
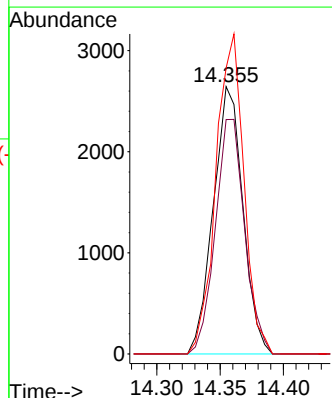
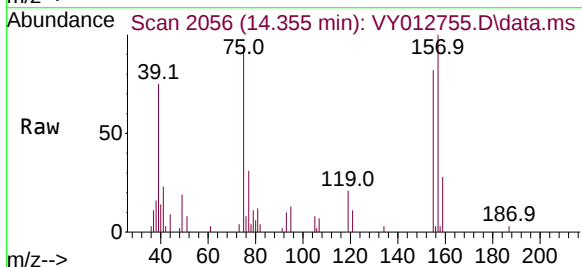
Tgt Ion: 75 Resp: 4295

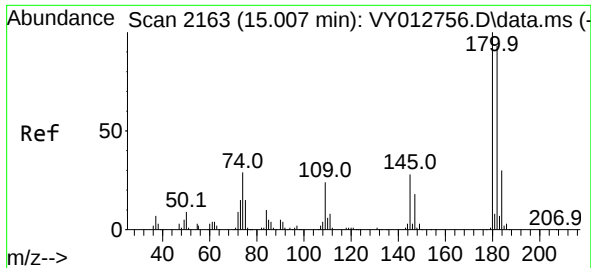
Ion Ratio Lower Upper

75 100

155 86.9 43.8 131.4

157 113.0 54.1 162.3

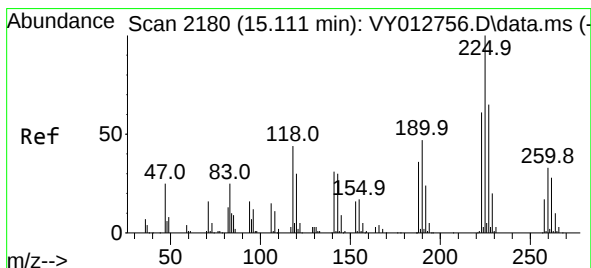
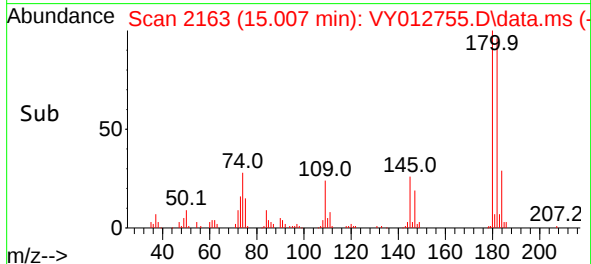
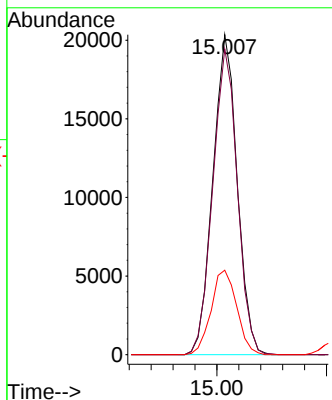
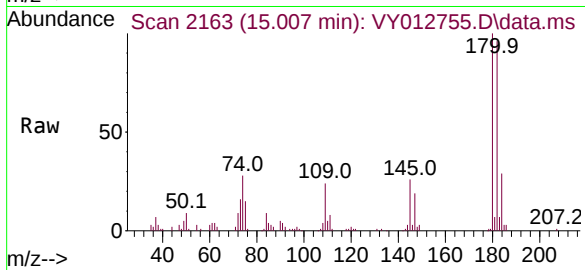




#93
 1,2,4-Trichlorobenzene
 Concen: 19.781 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY012755.D
 Acq: 02 Mar 2023 13:02

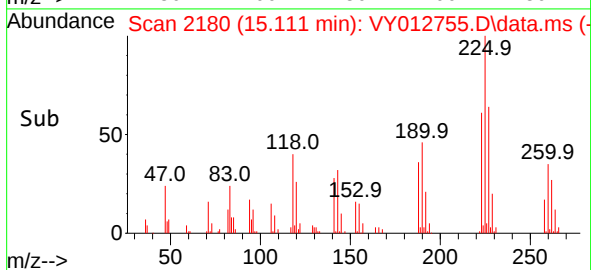
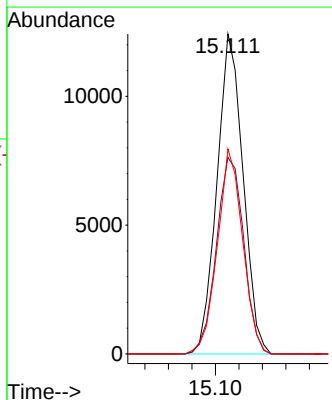
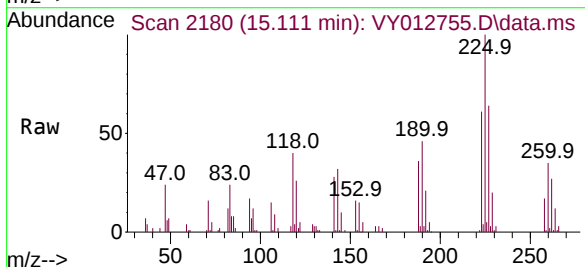
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

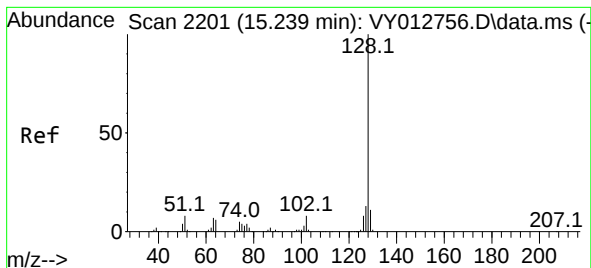
Tgt Ion:180 Resp: 31344
 Ion Ratio Lower Upper
 180 100
 182 96.5 46.7 140.1
 145 27.8 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 19.824 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY012755.D
 Acq: 02 Mar 2023 13:02

Tgt Ion:225 Resp: 19159
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.1 93.3
 227 62.3 32.4 97.0





#95

Naphthalene

Concen: 18.818 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

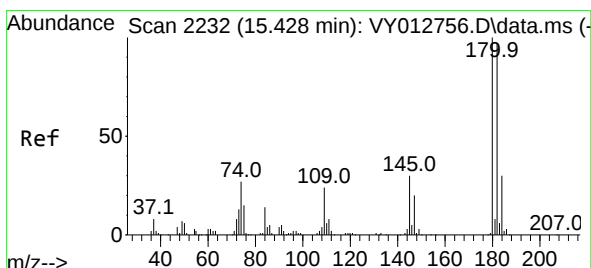
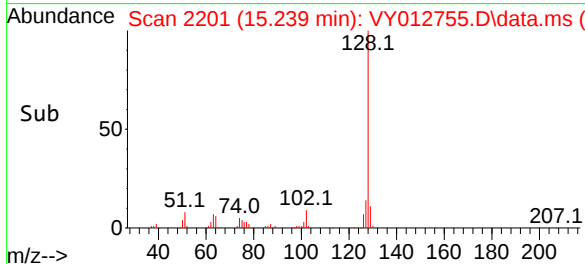
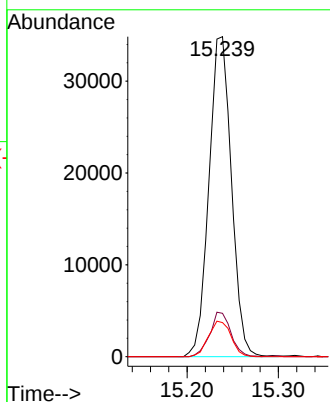
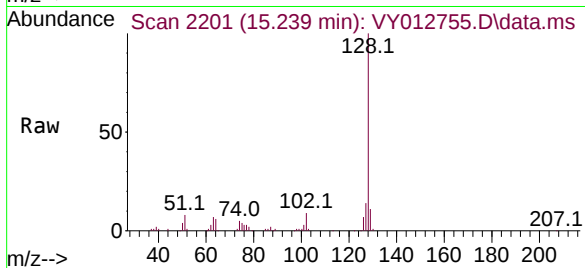
Tgt Ion:128 Resp: 59752

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.382 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012755.D

Acq: 02 Mar 2023 13:02

Tgt Ion:180 Resp: 27314

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.3

145 31.6 15.3 45.8

