

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020457.D
 Acq On : 27 Nov 2024 11:37
 Operator : SY/MD
 Sample : VY1127SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Quant Time: Nov 28 00:57:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	165619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	263466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	218225	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.353	152	99753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	79170	41.608	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.220%
35) Dibromofluoromethane	7.652	113	74544	44.124	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.240%
50) Toluene-d8	10.115	98	296254	44.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.040%
62) 4-Bromofluorobenzene	12.414	95	96559	45.135	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	37829	23.531	ug/l	96
3) Chloromethane	2.080	50	34833	13.140	ug/l	100
4) Vinyl Chloride	2.214	62	35158	15.942	ug/l	99
5) Bromomethane	2.611	94	19749	17.930	ug/l	95
6) Chloroethane	2.745	64	21606	16.794	ug/l	96
7) Trichlorofluoromethane	3.068	101	64293	20.978	ug/l	99
8) Diethyl Ether	3.464	74	17359	17.952	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.824	101	36608	20.057	ug/l	97
10) Methyl Iodide	4.019	142	40870	16.717	ug/l	94
11) Tert butyl alcohol	4.879	59	11167	74.618	ug/l #	88
12) 1,1-Dichloroethene	3.799	96	33986	18.811	ug/l	96
13) Acrolein	3.665	56	13867	117.694	ug/l	100
14) Allyl chloride	4.397	41	61061	17.477	ug/l	96
15) Acrylonitrile	5.074	53	35861	83.894	ug/l	100
16) Acetone	3.885	43	38924	85.332	ug/l	98
17) Carbon Disulfide	4.123	76	96795	15.902	ug/l	100
18) Methyl Acetate	4.397	43	15595	14.667	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	85839	18.290	ug/l	99
20) Methylene Chloride	4.629	84	35266	18.257	ug/l	98
21) trans-1,2-Dichloroethene	5.129	96	36409	18.144	ug/l	92
22) Diisopropyl ether	6.031	45	122712	17.823	ug/l	97
23) Vinyl Acetate	5.970	43	327784	85.192	ug/l	99
24) 1,1-Dichloroethane	5.933	63	72074	18.543	ug/l	99
25) 2-Butanone	6.909	43	52048	88.631	ug/l	98
26) 2,2-Dichloropropane	6.903	77	67146	20.901	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	43236	19.562	ug/l	99
28) Bromochloromethane	7.256	49	29747	18.184	ug/l #	18
29) Tetrahydrofuran	7.274	42	28924	82.409	ug/l	98
30) Chloroform	7.433	83	74195	19.768	ug/l	95
31) Cyclohexane	7.713	56	66198	18.663	ug/l #	92
32) 1,1,1-Trichloroethane	7.628	97	70453	21.378	ug/l	97
36) 1,1-Dichloropropene	7.848	75	53604	20.774	ug/l	100
37) Ethyl Acetate	7.000	43	21648	18.314	ug/l	97
38) Carbon Tetrachloride	7.829	117	64471	23.930	ug/l	97
39) Methylcyclohexane	9.116	83	67907	21.028	ug/l	100
40) Benzene	8.091	78	158367	20.943	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	12587	18.715	ug/l	95
42) 1,2-Dichloroethane	8.171	62	42827	20.982	ug/l	100
43) Isopropyl Acetate	8.207	43	43078	18.740	ug/l #	91
44) Trichloroethene	8.872	130	39669	22.141	ug/l	95
45) 1,2-Dichloropropane	9.152	63	37272	20.659	ug/l	96
46) Dibromomethane	9.238	93	18602	20.117	ug/l	99
47) Bromodichloromethane	9.433	83	54678	21.420	ug/l	94
48) Methyl methacrylate	9.225	41	20123	18.310	ug/l	97
49) 1,4-Dioxane	9.244	88	3412m	358.648	ug/l	
51) 4-Methyl-2-Pentanone	10.006	43	104874	89.900	ug/l	98
52) Toluene	10.176	92	99910	21.616	ug/l	96
53) t-1,3-Dichloropropene	10.402	75	47747	19.780	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	57299	20.736	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	24142	19.668	ug/l	96
56) Ethyl methacrylate	10.445	69	33182	18.001	ug/l	99
57) 1,3-Dichloropropane	10.725	76	43692	19.807	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	76915	87.996	ug/l	97
59) 2-Hexanone	10.768	43	76577	92.703	ug/l	97
60) Dibromochloromethane	10.920	129	33899	21.426	ug/l	100
61) 1,2-Dibromoethane	11.024	107	21599	18.989	ug/l	99
64) Tetrachloroethene	10.652	164	34115	21.687	ug/l	98
65) Chlorobenzene	11.451	112	102442	21.054	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	35561	21.878	ug/l	99
67) Ethyl Benzene	11.524	91	193844	21.595	ug/l	100
68) m/p-Xylenes	11.633	106	141258	43.688	ug/l	98
69) o-Xylene	11.963	106	66764	21.770	ug/l	98
70) Styrene	11.975	104	110070	21.602	ug/l	98
71) Bromoform	12.139	173	18300	21.603	ug/l #	98
73) Isopropylbenzene	12.261	105	185974	22.008	ug/l	98
74) N-amyl acetate	12.078	43	34836	17.059	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	25389	18.590	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	15240m	16.209	ug/l	
77) Bromobenzene	12.536	156	37311	21.075	ug/l	98
78) n-propylbenzene	12.603	91	220420	21.735	ug/l	99
79) 2-Chlorotoluene	12.688	91	123053	21.103	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	150488	22.036	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	8921	18.592	ug/l	98
82) 4-Chlorotoluene	12.786	91	127291	21.152	ug/l	97
83) tert-Butylbenzene	13.005	119	133972	22.230	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	146110	21.580	ug/l	100
85) sec-Butylbenzene	13.182	105	197007	20.735	ug/l	100
86) p-Isopropyltoluene	13.298	119	162975	22.186	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	74852	20.910	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	73041	21.355	ug/l	99
89) n-Butylbenzene	13.627	91	151428	21.526	ug/l	99
90) Hexachloroethane	13.889	117	30150	21.265	ug/l	93
91) 1,2-Dichlorobenzene	13.670	146	61900	20.754	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3918	17.483	ug/l	96
93) 1,2,4-Trichlorobenzene	14.932	180	35495	19.683	ug/l	99
94) Hexachlorobutadiene	15.029	225	25538	23.200	ug/l	95
95) Naphthalene	15.151	128	55878	17.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	28521	18.497	ug/l	98

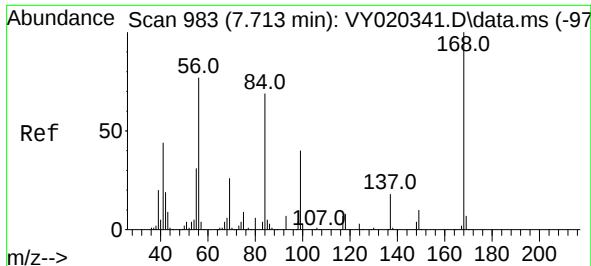
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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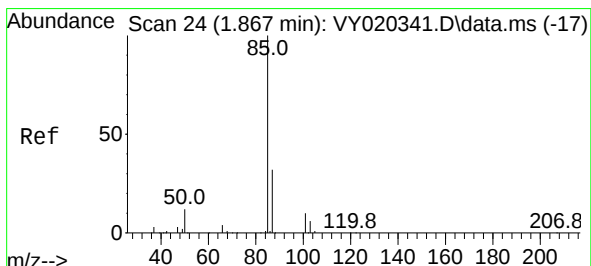
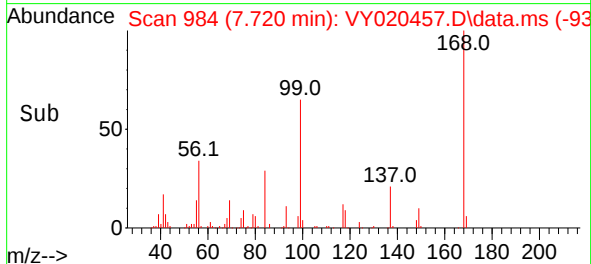
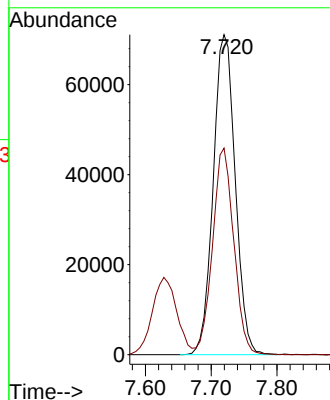
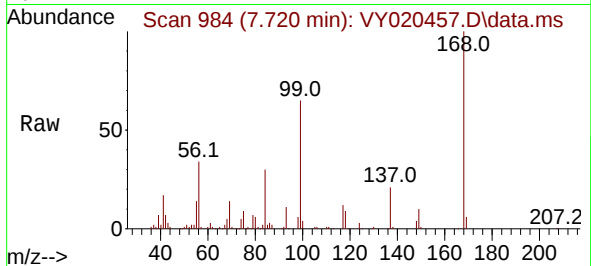
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 983
Delta R.T. 0.007 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

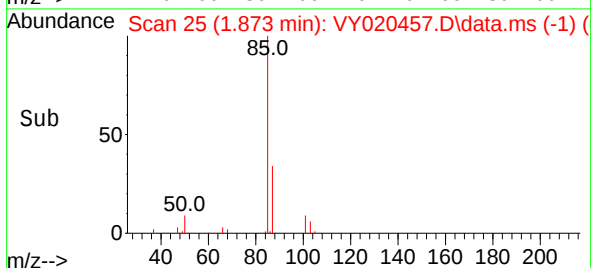
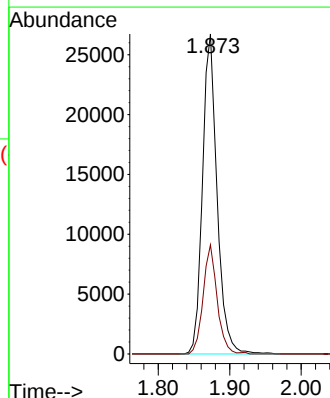
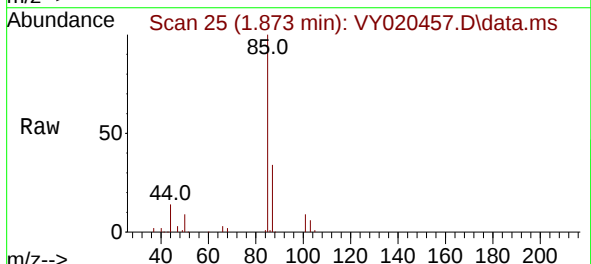
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MSVOA_Y
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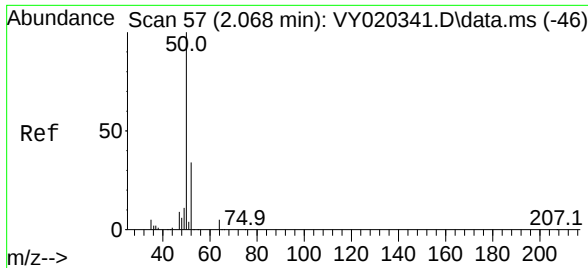
Tgt Ion:168 Resp: 165619
Ion Ratio Lower Upper
168 100
99 64.5 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 23.531 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 85 Resp: 37829
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2

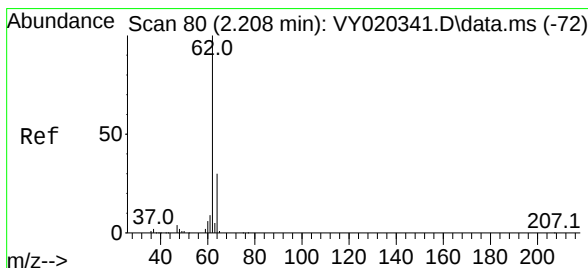
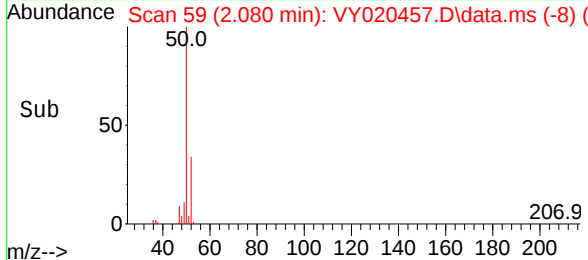
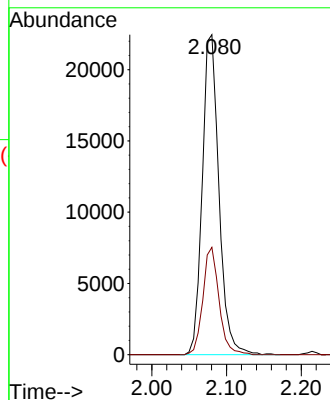
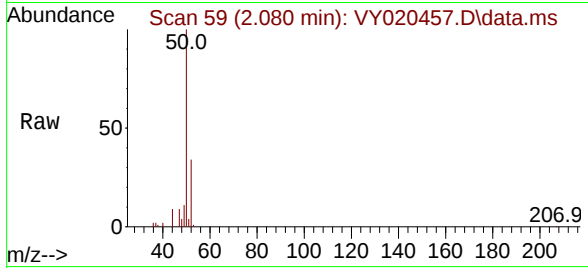




#3
Chloromethane
Concen: 13.140 ug/l
RT: 2.080 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

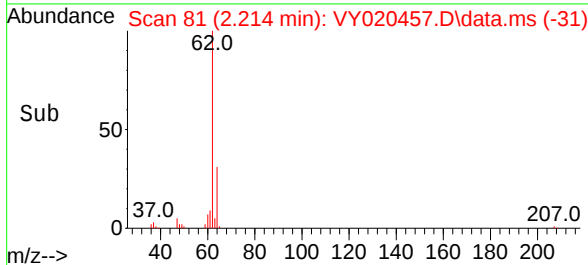
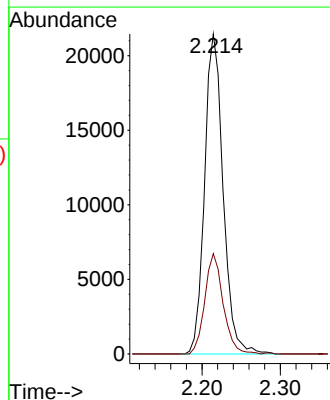
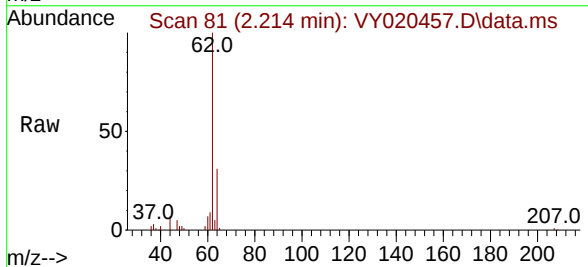
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

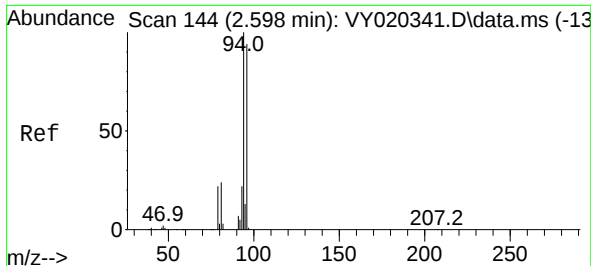
Tgt Ion: 50 Resp: 34833
Ion Ratio Lower Upper
50 100
52 33.6 26.9 40.3



#4
Vinyl Chloride
Concen: 15.942 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 62 Resp: 35158
Ion Ratio Lower Upper
62 100
64 31.4 24.7 37.1





#5

Bromomethane

Concen: 17.930 ug/l

RT: 2.611 min Scan# 144

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

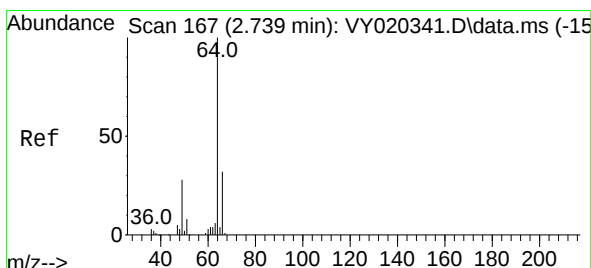
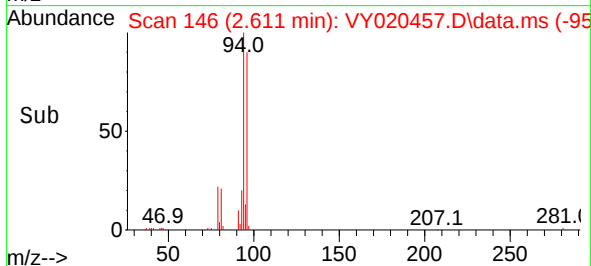
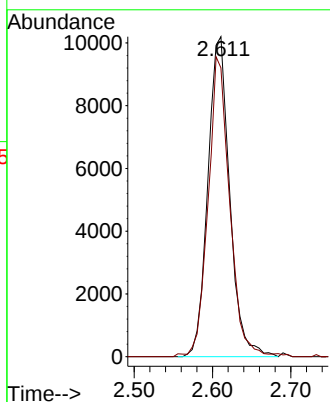
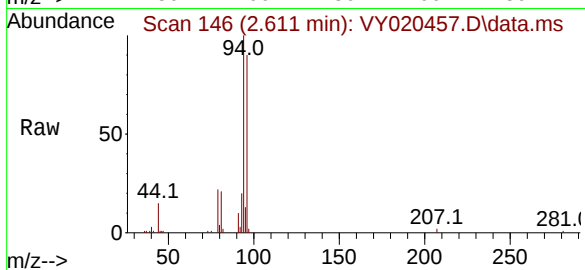
VY1127SBS01

Tgt Ion: 94 Resp: 19749

Ion Ratio Lower Upper

94 100

96 89.4 75.4 113.2



#6

Chloroethane

Concen: 16.794 ug/l

RT: 2.745 min Scan# 168

Delta R.T. 0.006 min

Lab File: VY020457.D

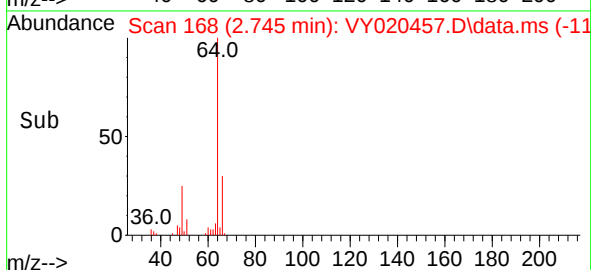
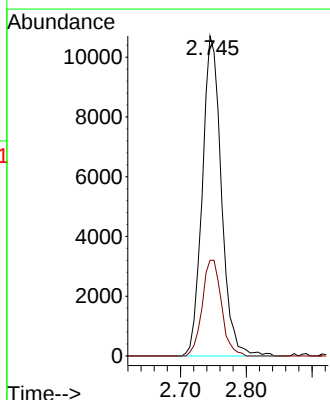
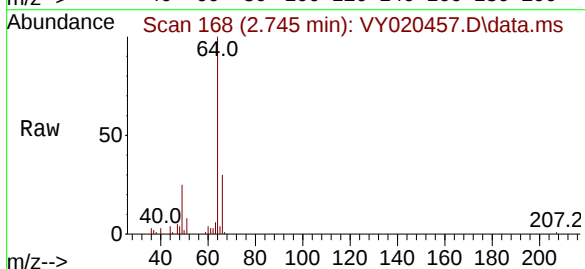
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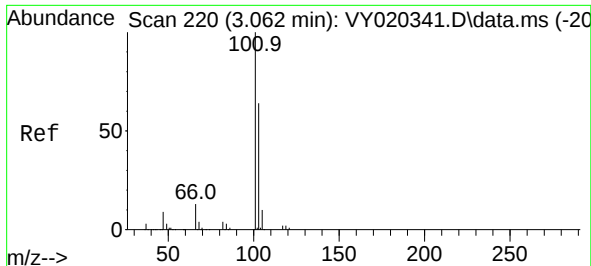
Tgt Ion: 64 Resp: 21606

Ion Ratio Lower Upper

64 100

66 29.9 25.7 38.5

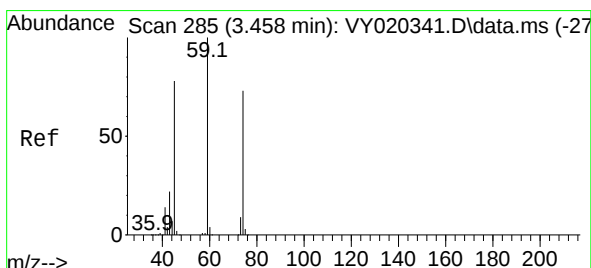
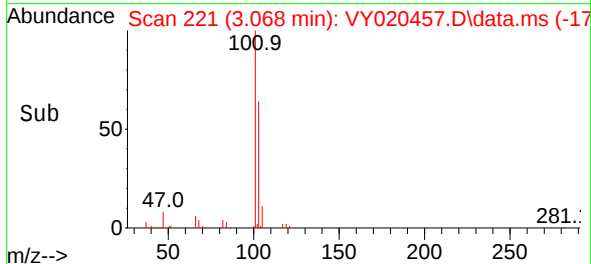
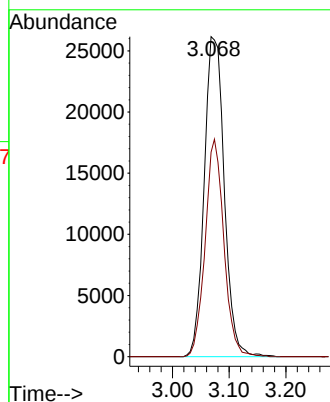
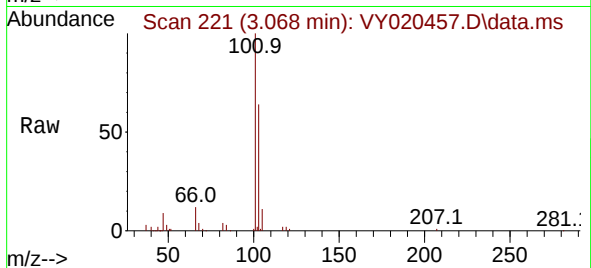




#7
Trichlorofluoromethane
Concen: 20.978 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

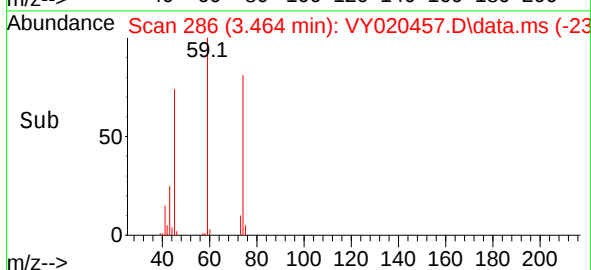
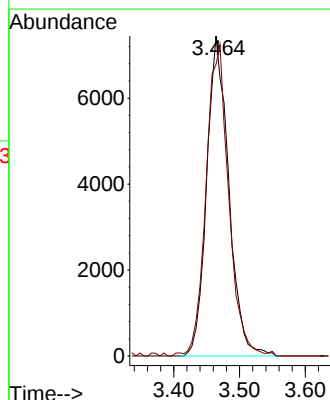
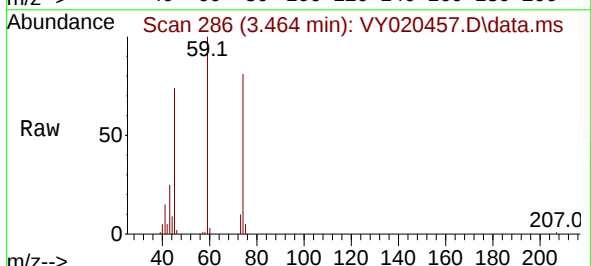
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

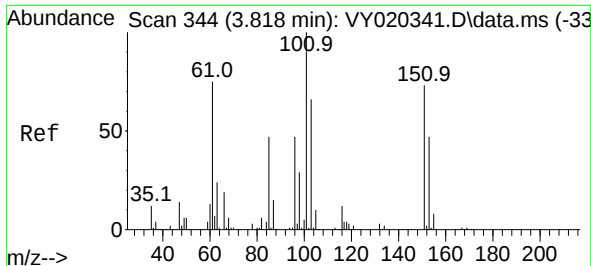
Tgt Ion:101 Resp: 64293
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3



#8
Diethyl Ether
Concen: 17.952 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 74 Resp: 17359
Ion Ratio Lower Upper
74 100
45 100.2 53.6 160.8

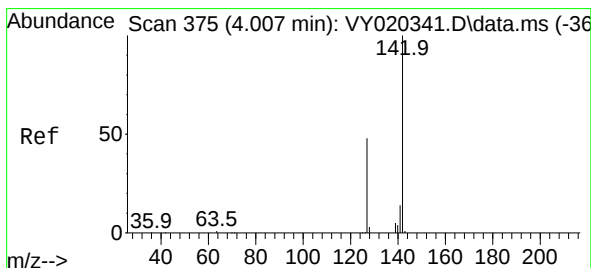
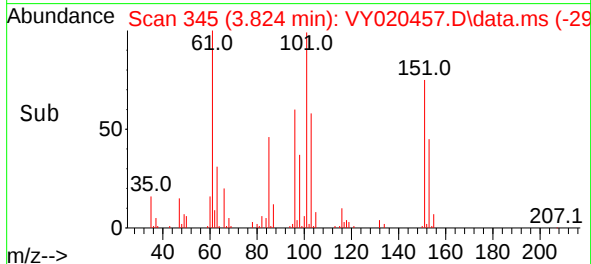
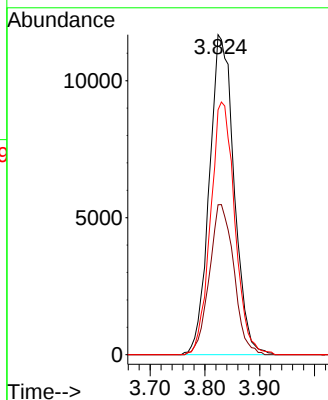
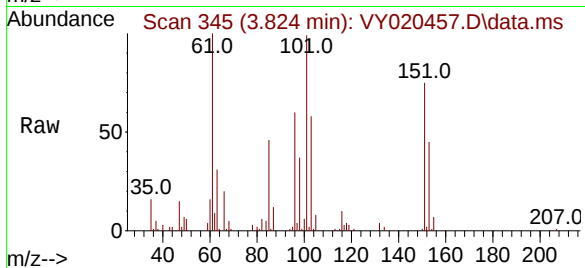




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.057 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020457.D
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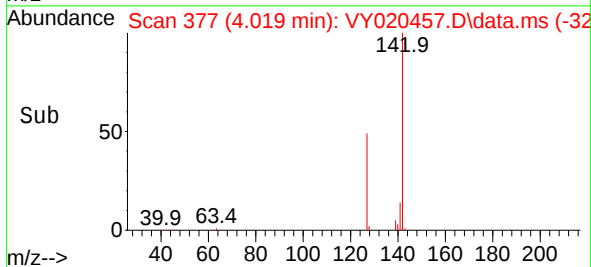
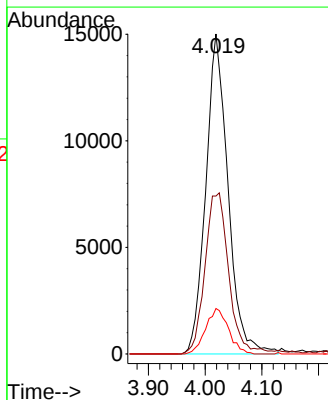
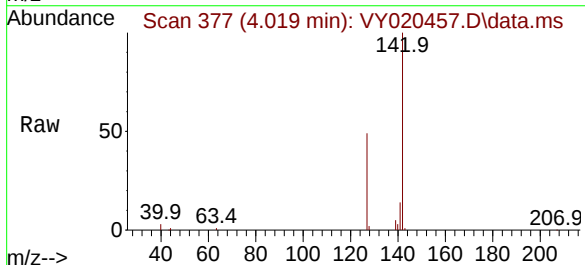
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

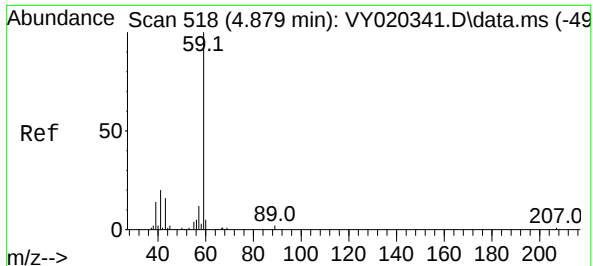
Tgt Ion:	101	Resp:	36608
Ion	Ratio	Lower	Upper
101	100		
85	46.4	38.0	57.0
151	77.6	59.6	89.4



#10
Methyl Iodide
Concen: 16.717 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion:	142	Resp:	40870
Ion	Ratio	Lower	Upper
142	100		
127	53.8	38.9	58.3
141	14.6	11.7	17.5

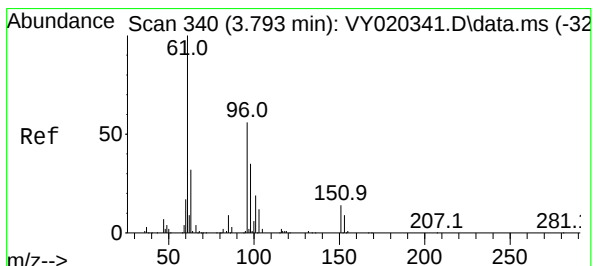
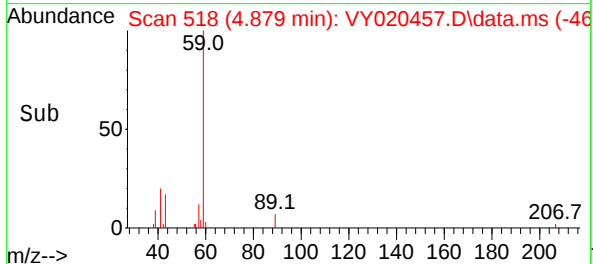
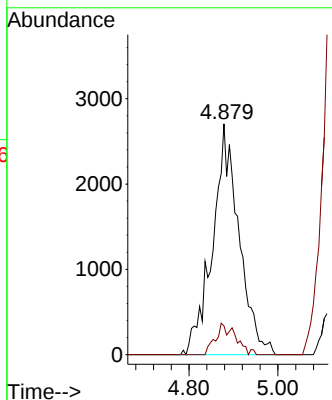
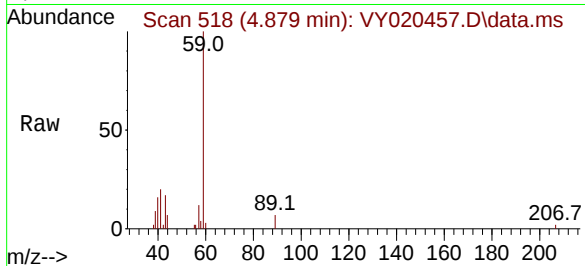




#11
Tert butyl alcohol
Concen: 74.618 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

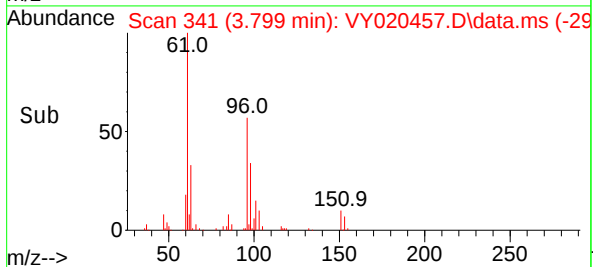
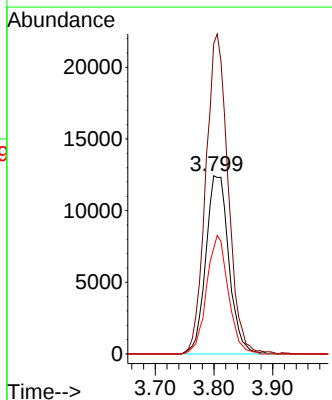
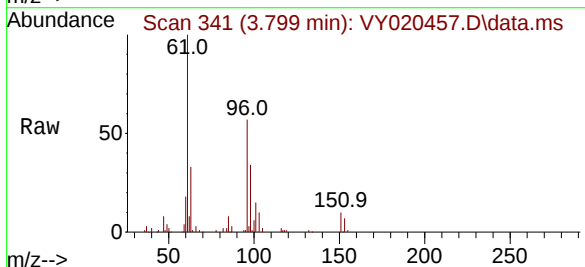
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

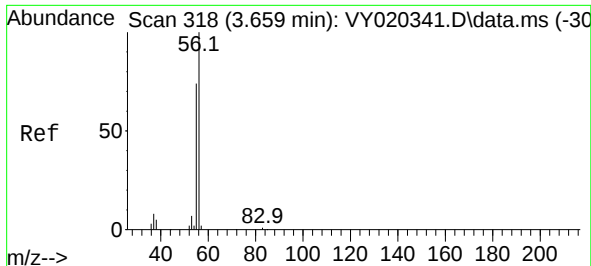
Tgt Ion: 59 Resp: 11167
Ion Ratio Lower Upper
59 100
57 5.6 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 18.811 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 96 Resp: 33986
Ion Ratio Lower Upper
96 100
61 174.2 143.3 214.9
98 59.5 49.8 74.8

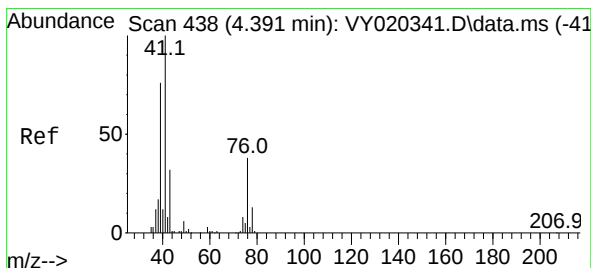
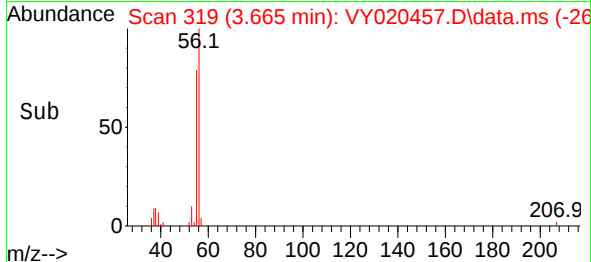
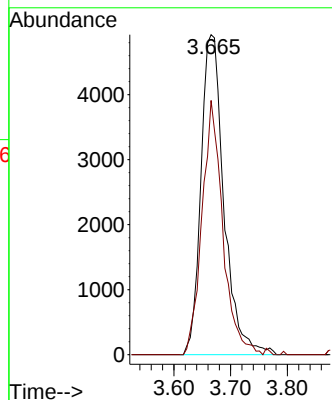
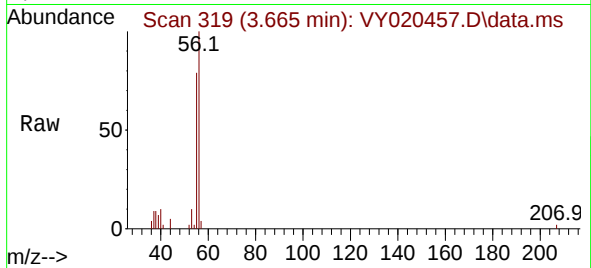




#13
Acrolein
Concen: 117.694 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

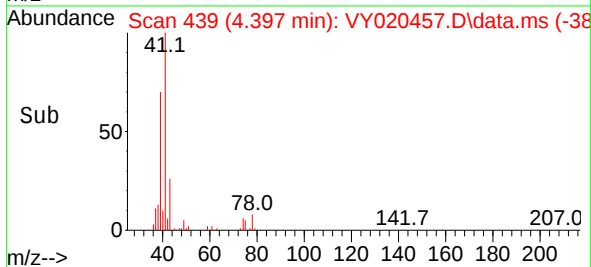
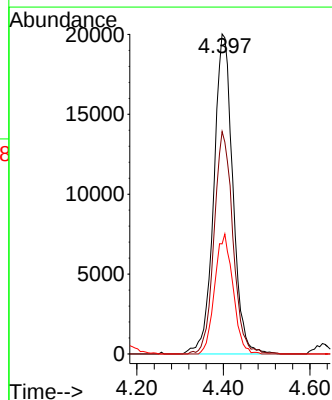
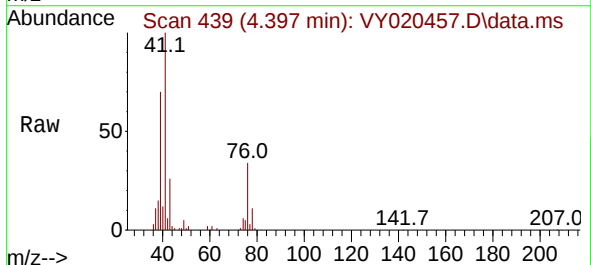
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

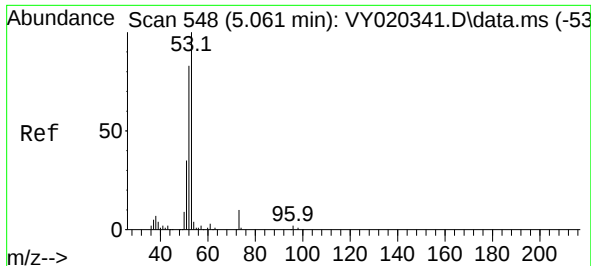
Tgt Ion: 56 Resp: 13867
Ion Ratio Lower Upper
56 100
55 71.7 57.7 86.5



#14
Allyl chloride
Concen: 17.477 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 41 Resp: 61061
Ion Ratio Lower Upper
41 100
39 68.7 58.8 88.2
76 36.1 29.7 44.5





#15

Acrylonitrile

Concen: 83.894 ug/l

RT: 5.074 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

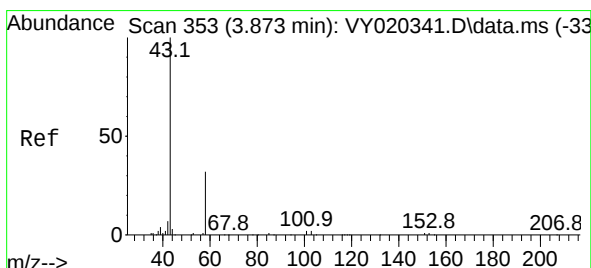
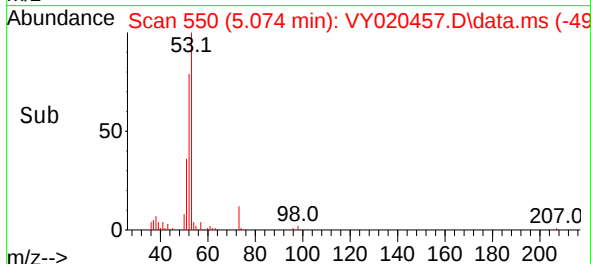
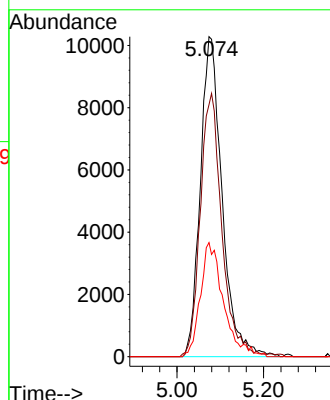
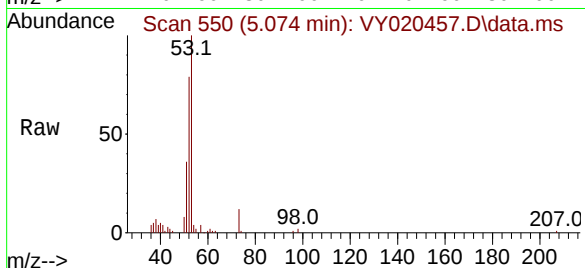
Tgt Ion: 53 Resp: 35861

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

51 37.9 30.2 45.4



#16

Acetone

Concen: 85.332 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.012 min

Lab File: VY020457.D

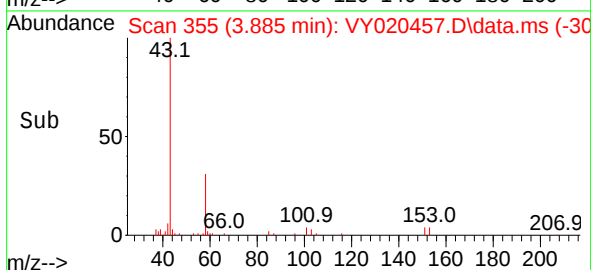
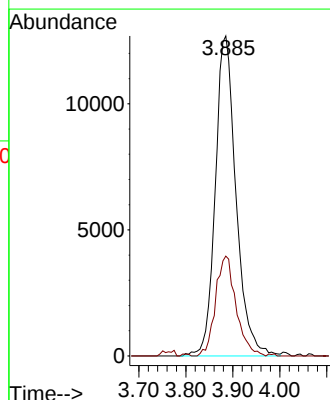
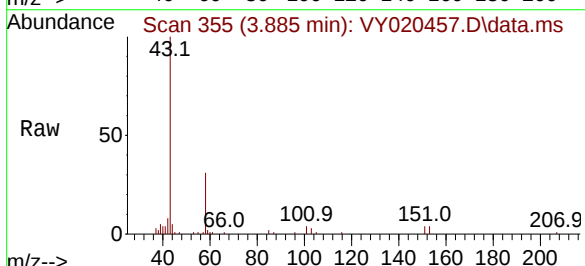
Acq: 27 Nov 2024 11:37

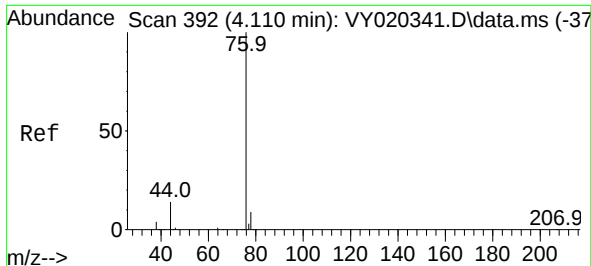
Tgt Ion: 43 Resp: 38924

Ion Ratio Lower Upper

43 100

58 31.2 25.7 38.5

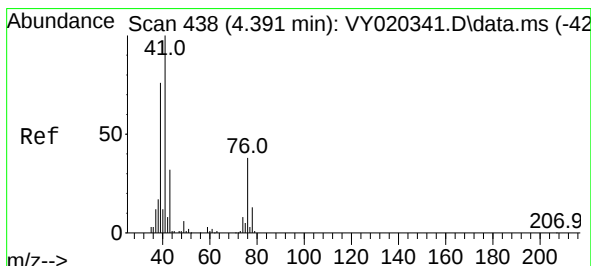
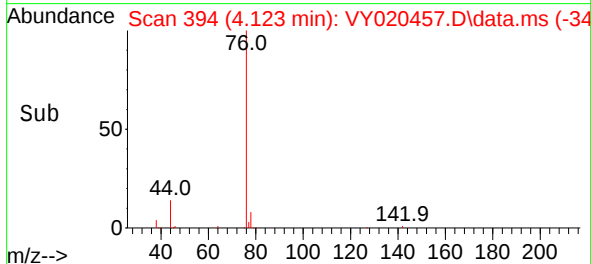
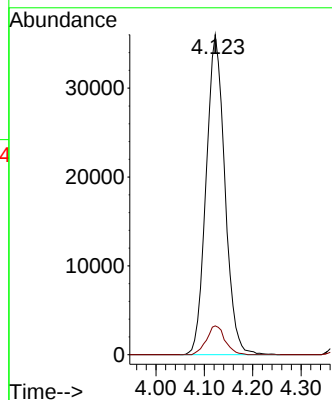
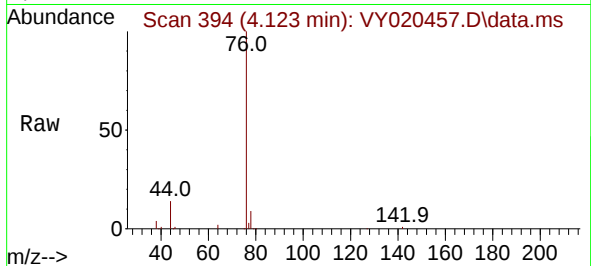




#17
Carbon Disulfide
Concen: 15.902 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

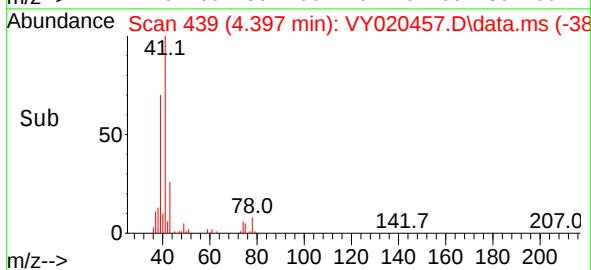
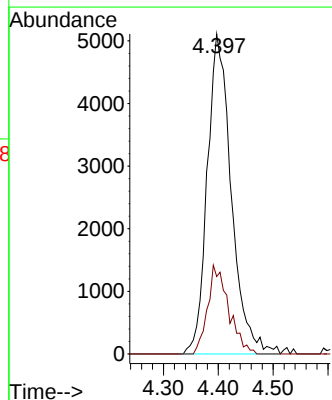
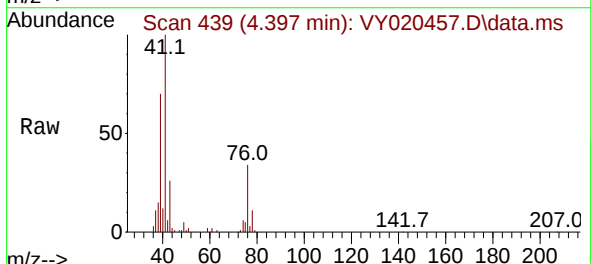
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

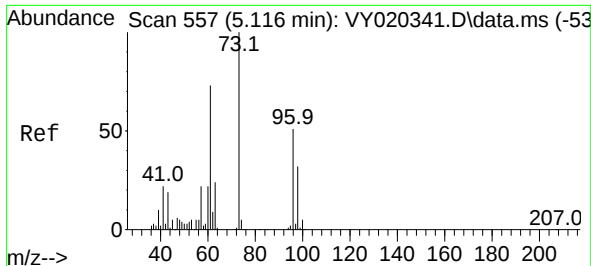
Tgt Ion: 76 Resp: 96795
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 14.667 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 43 Resp: 15595
Ion Ratio Lower Upper
43 100
74 24.3 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 18.290 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

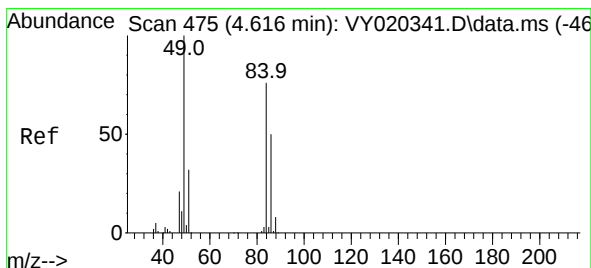
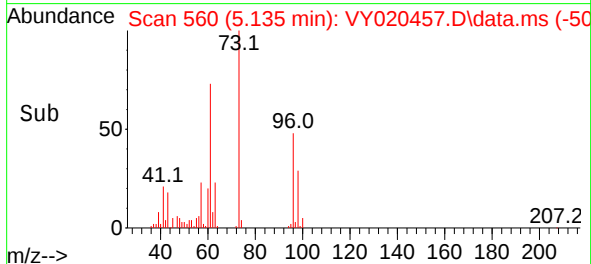
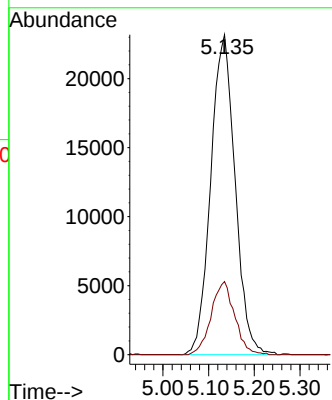
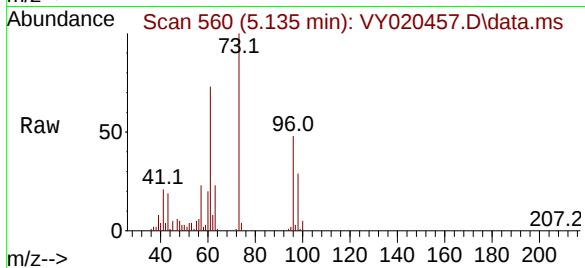
VY1127SBS01

Tgt Ion: 73 Resp: 85839

Ion Ratio Lower Upper

73 100

57 22.8 18.0 27.0



#20

Methylene Chloride

Concen: 18.257 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Tgt Ion: 84 Resp: 35266

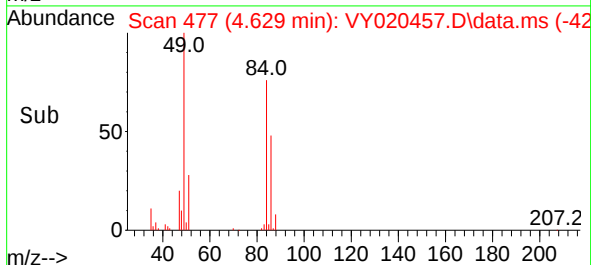
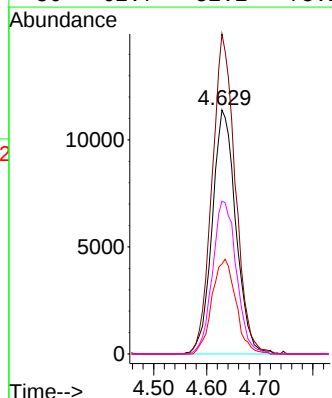
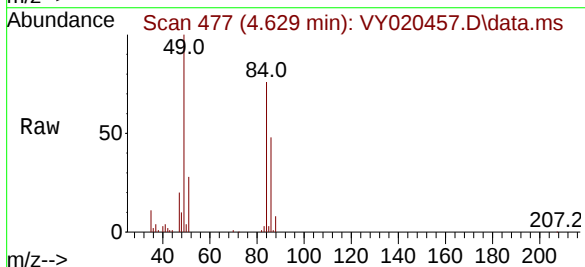
Ion Ratio Lower Upper

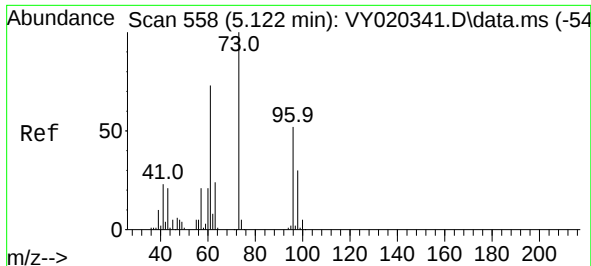
84 100

49 131.2 104.7 157.1

51 36.9 33.4 50.0

86 62.7 52.2 78.2

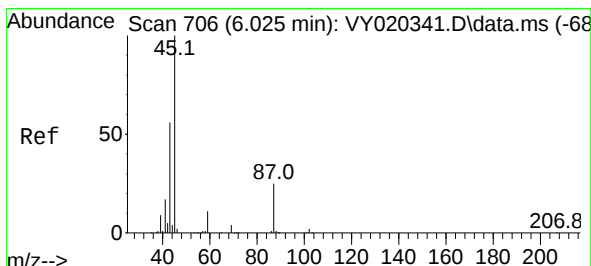
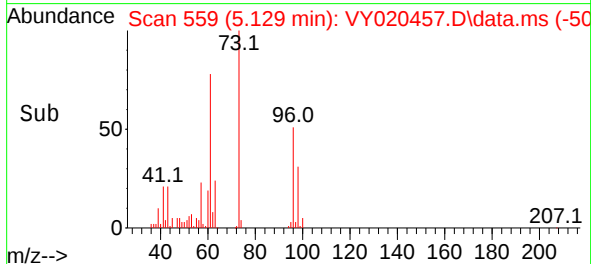
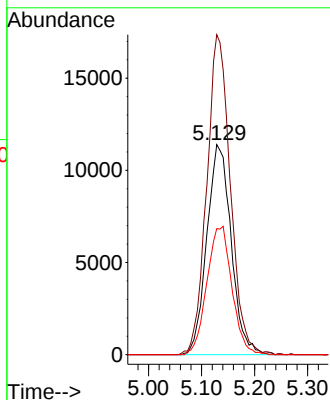
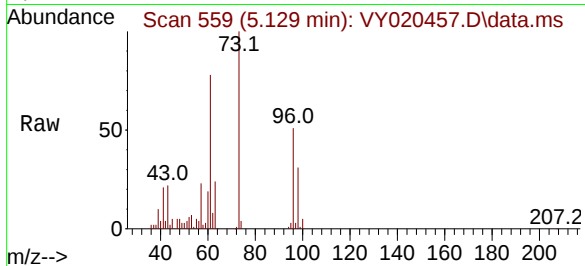




#21
trans-1,2-Dichloroethene
Concen: 18.144 ug/l
RT: 5.129 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

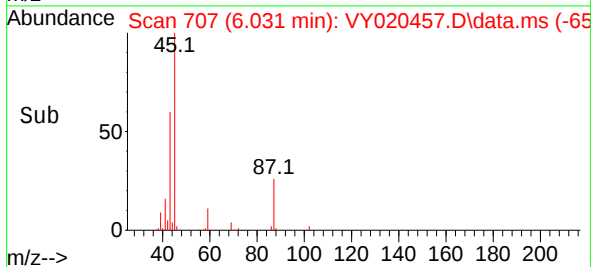
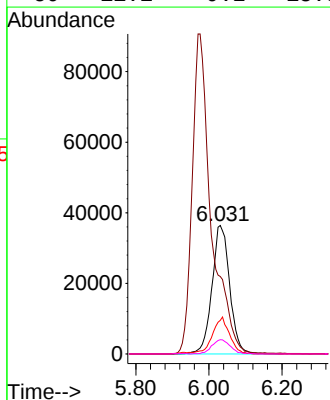
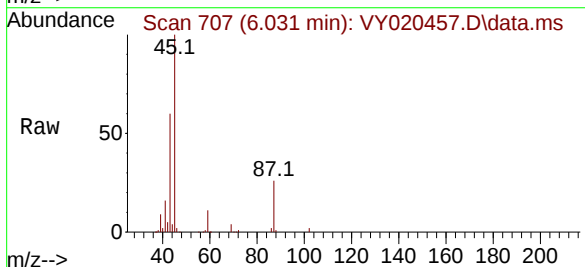
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

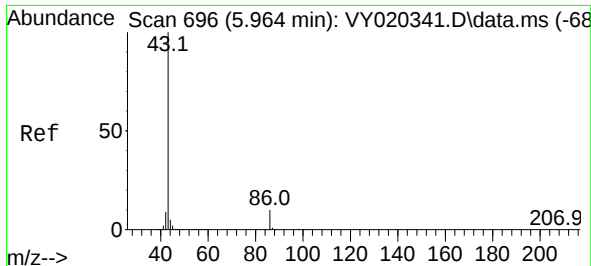
Tgt Ion: 96 Resp: 36409
Ion Ratio Lower Upper
96 100
61 152.3 111.6 167.4
98 60.0 46.7 70.1



#22
Diisopropyl ether
Concen: 17.823 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 45 Resp: 122712
Ion Ratio Lower Upper
45 100
43 59.7 44.8 67.2
87 26.1 20.6 30.8
59 11.1 9.2 13.8

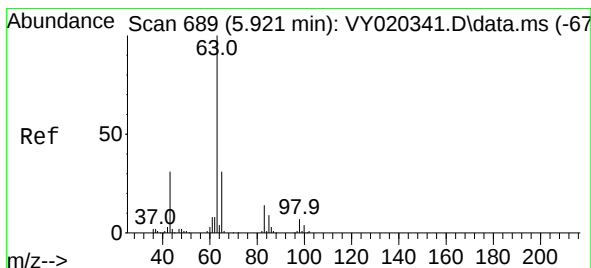
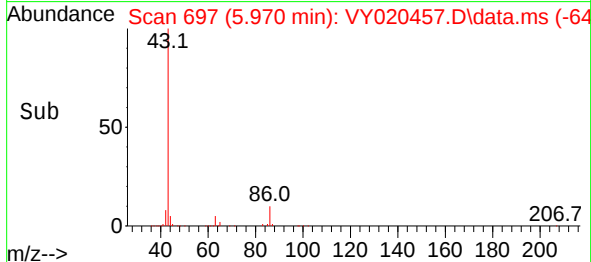
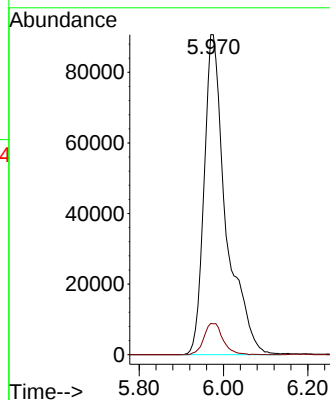
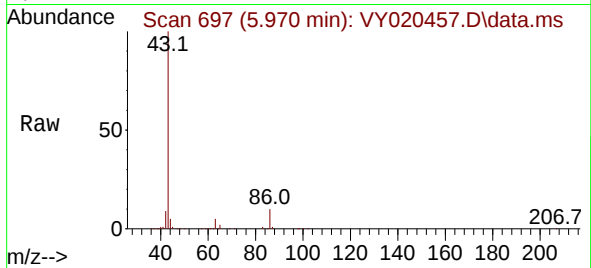




#23
 Vinyl Acetate
 Concen: 85.192 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020457.D
 Acq: 27 Nov 2024 11:37

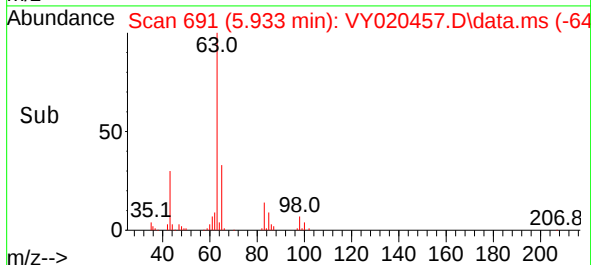
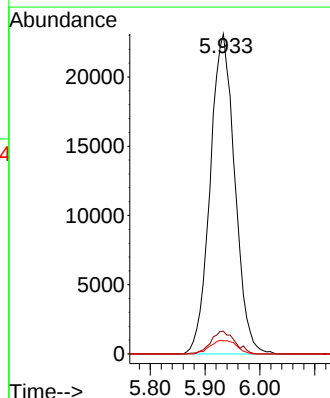
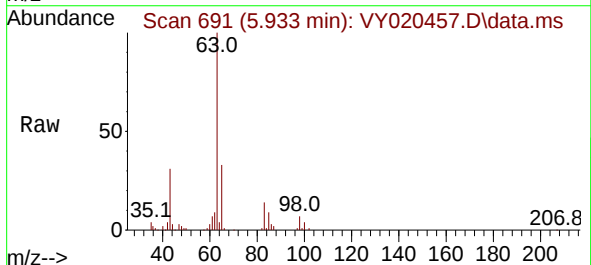
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

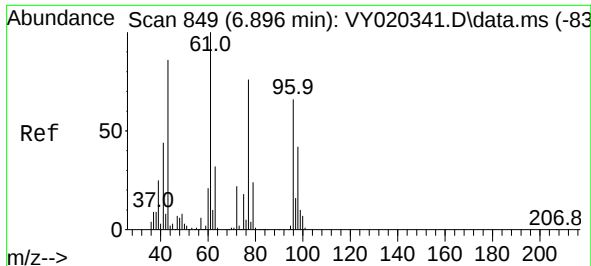
Tgt Ion: 43 Resp: 327784
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 18.543 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY020457.D
 Acq: 27 Nov 2024 11:37

Tgt Ion: 63 Resp: 72074
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.1 2.0 5.8

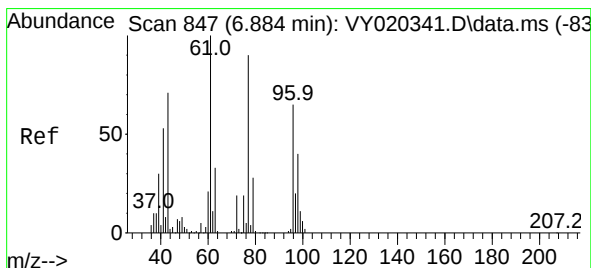
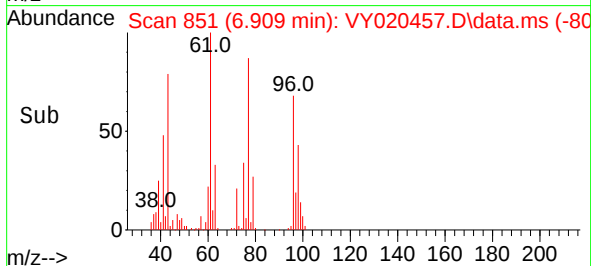
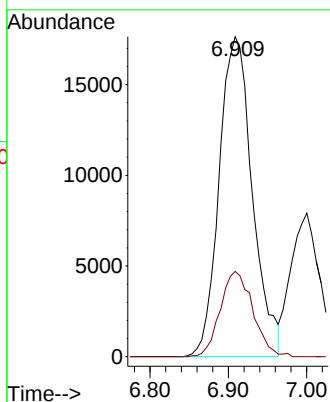
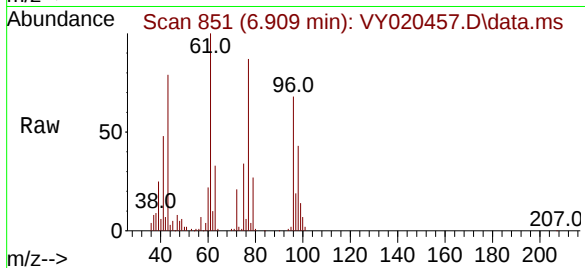




#25
2-Butanone
Concen: 88.631 ug/l
RT: 6.909 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

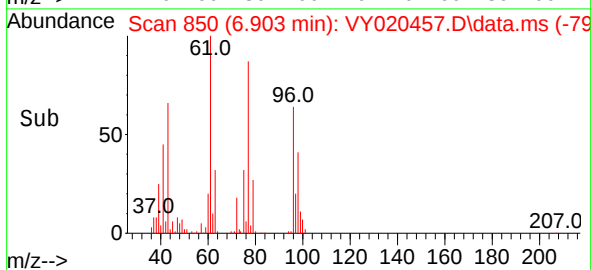
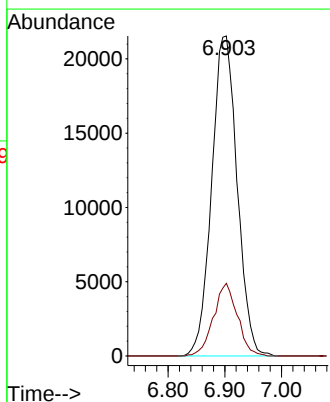
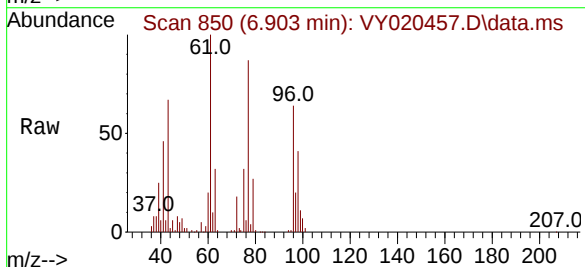
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

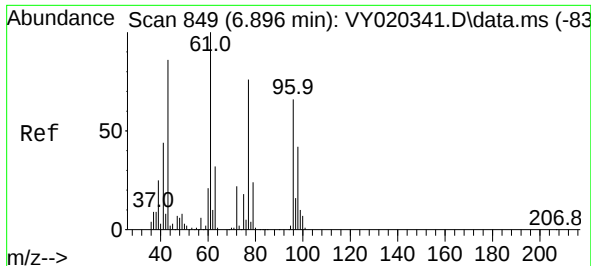
Tgt Ion: 43 Resp: 52048
Ion Ratio Lower Upper
43 100
72 26.6 20.4 30.6



#26
2,2-Dichloropropane
Concen: 20.901 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.018 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 77 Resp: 67146
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.7

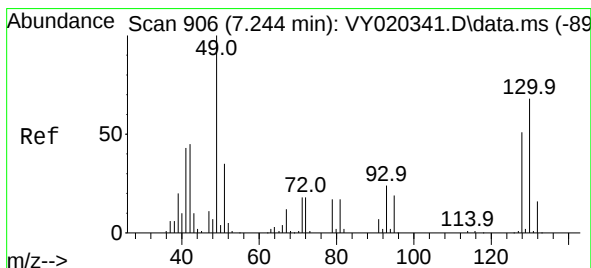
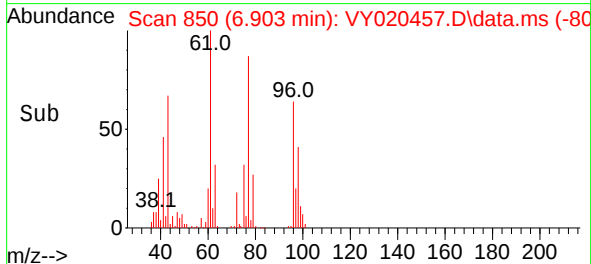
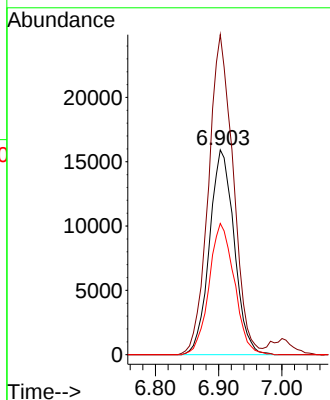
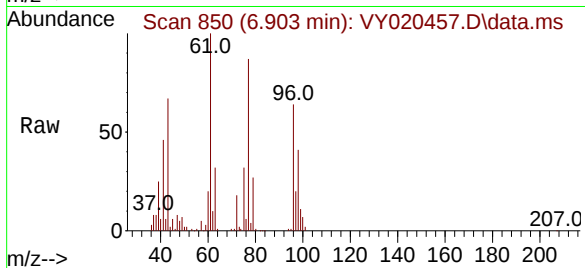




#27
 cis-1,2-Dichloroethene
 Concen: 19.562 ug/l
 RT: 6.903 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY020457.D
 Acq: 27 Nov 2024 11:37

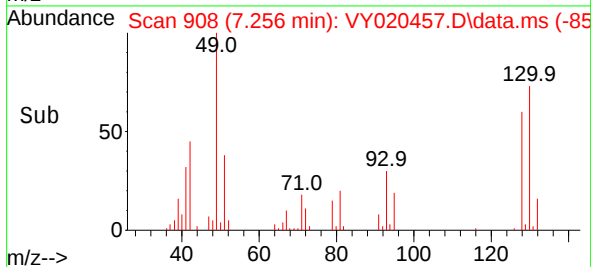
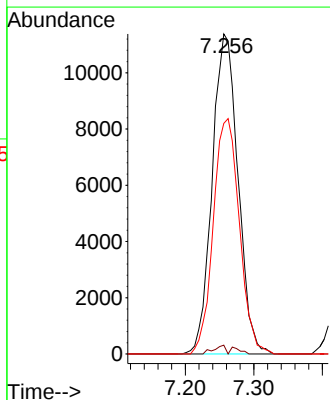
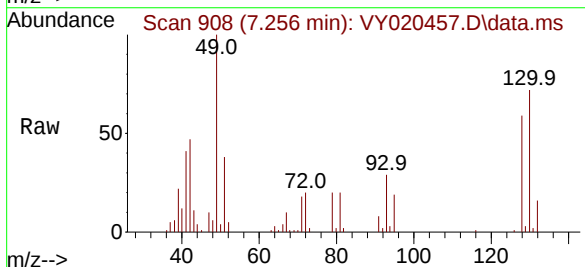
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

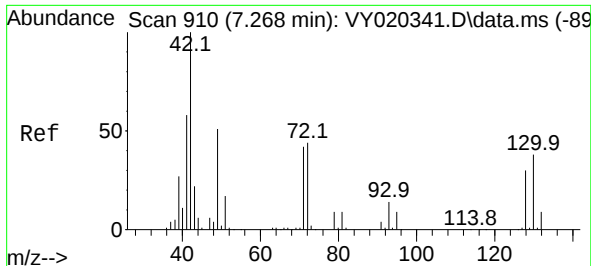
Tgt Ion: 96 Resp: 43236
 Ion Ratio Lower Upper
 96 100
 61 156.5 0.0 312.4
 98 65.4 0.0 126.8



#28
 Bromochloromethane
 Concen: 18.184 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY020457.D
 Acq: 27 Nov 2024 11:37

Tgt Ion: 49 Resp: 29747
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 0.0 55.0 82.6#





#29

Tetrahydrofuran

Concen: 82.409 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

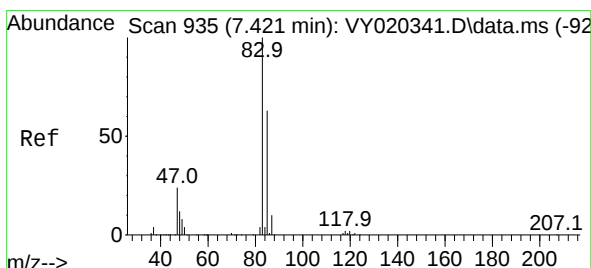
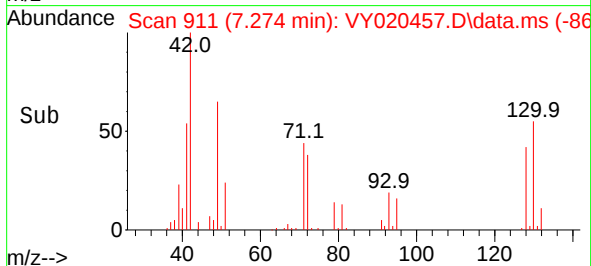
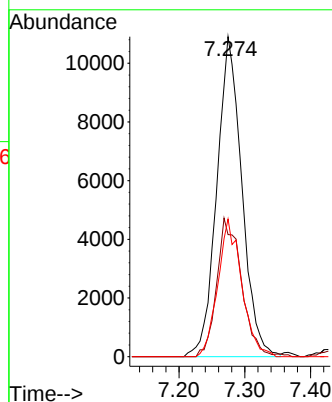
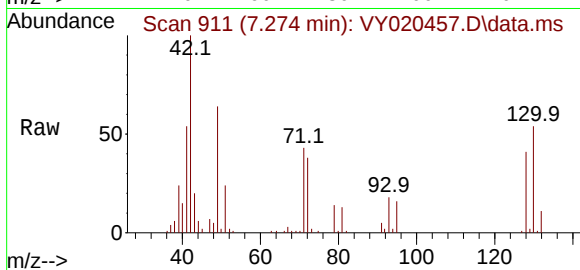
Tgt Ion: 42 Resp: 28924

Ion Ratio Lower Upper

42 100

72 42.7 33.4 50.0

71 40.9 31.9 47.9



#30

Chloroform

Concen: 19.768 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY020457.D

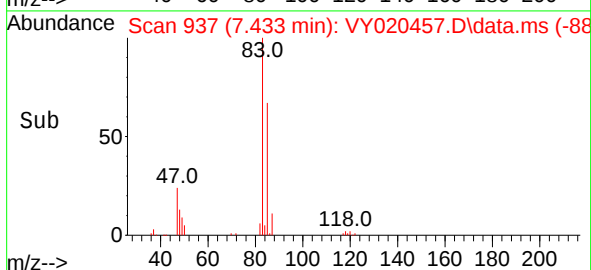
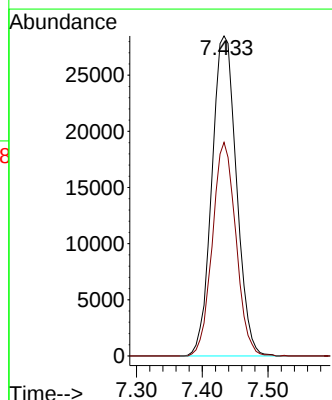
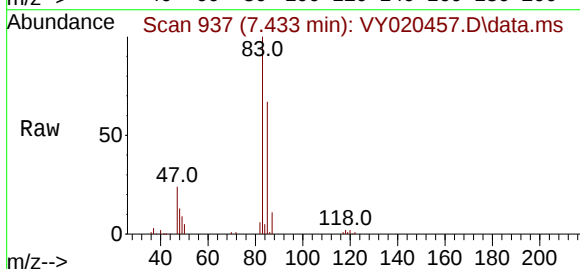
Acq: 27 Nov 2024 11:37

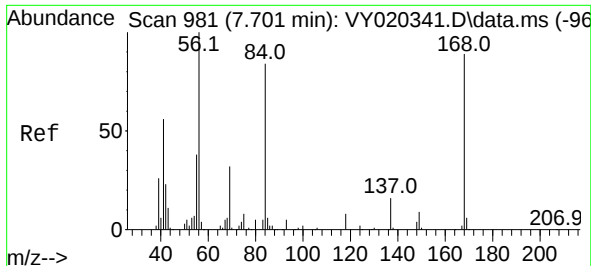
Tgt Ion: 83 Resp: 74195

Ion Ratio Lower Upper

83 100

85 66.8 50.3 75.5

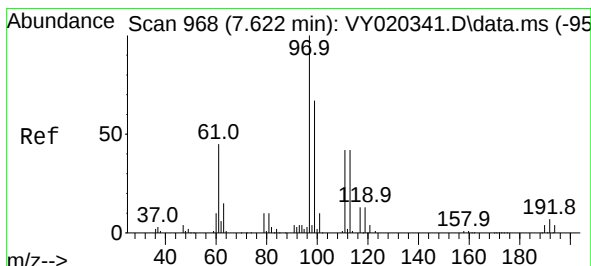
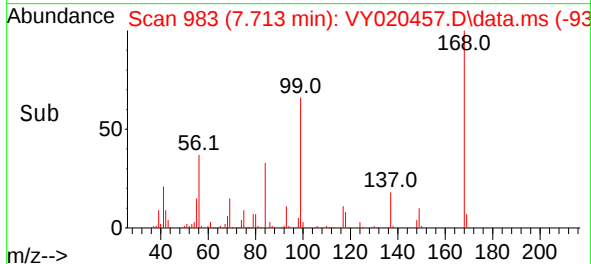
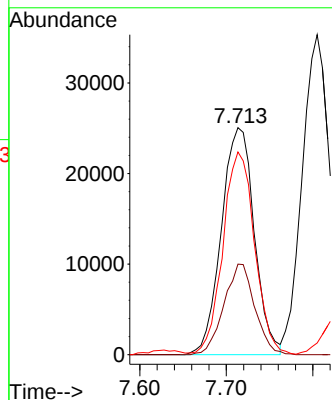
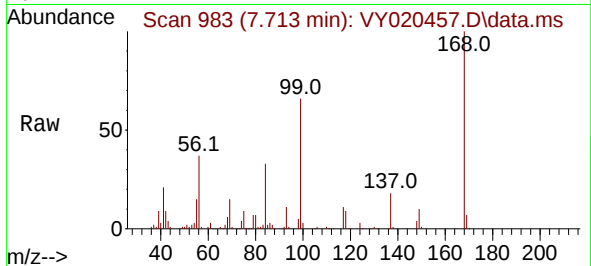




#31
Cyclohexane
Concen: 18.663 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

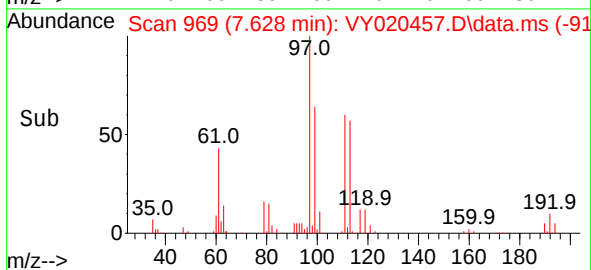
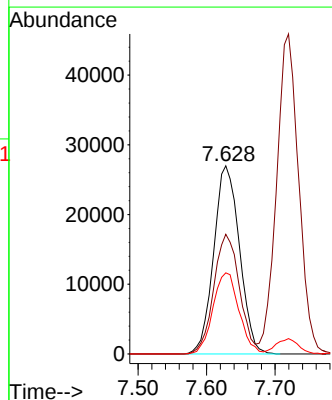
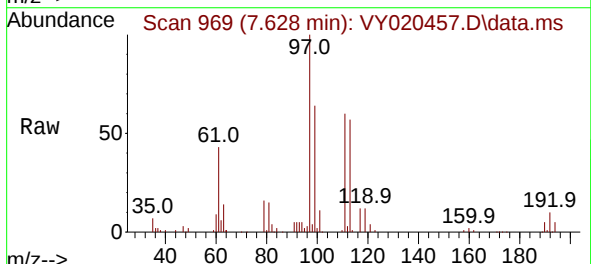
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

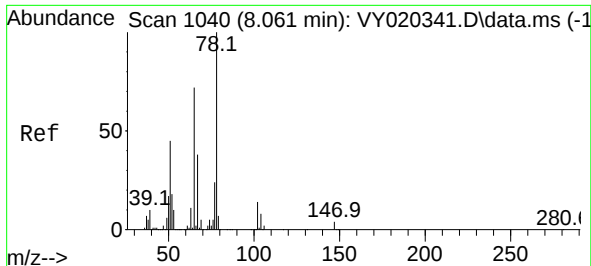
Tgt Ion: 56 Resp: 66198
Ion Ratio Lower Upper
56 100
69 39.9 25.3 37.9#
84 88.0 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 21.378 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 97 Resp: 70453
Ion Ratio Lower Upper
97 100
99 63.2 51.8 77.6
61 43.6 37.1 55.7

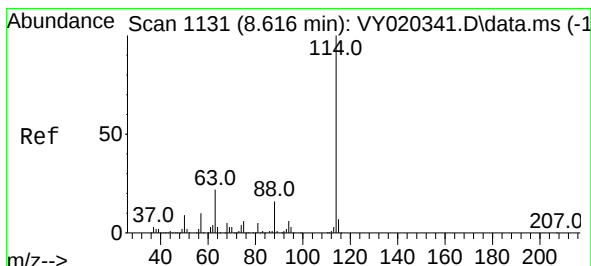
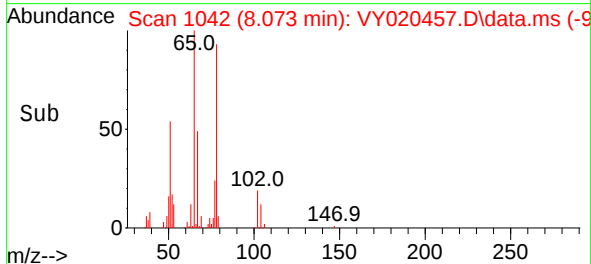
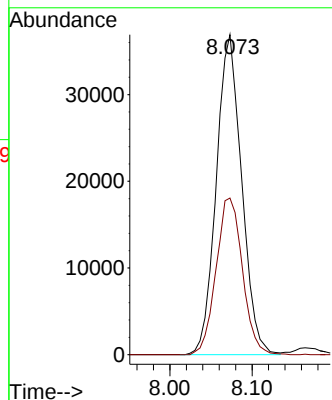
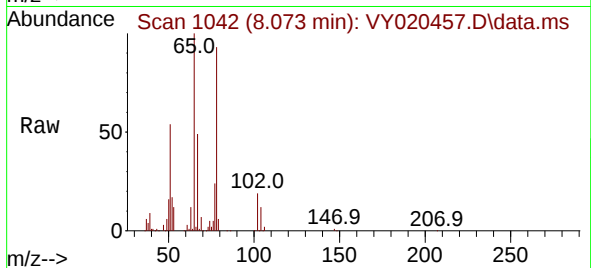




#33
1,2-Dichloroethane-d4
Concen: 41.608 ug/l
RT: 8.073 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

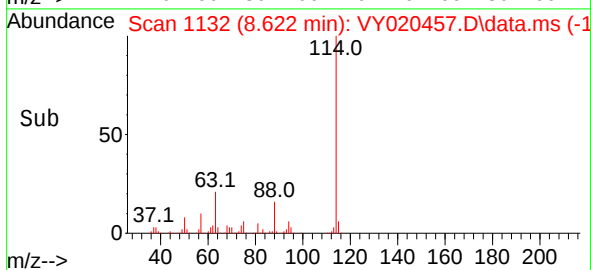
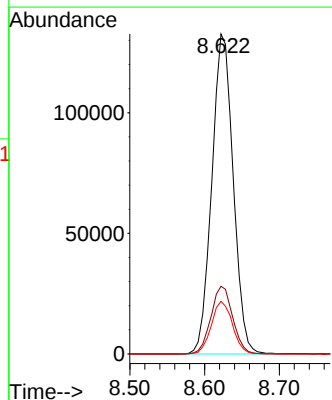
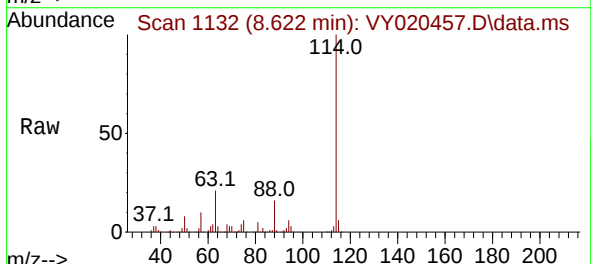
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

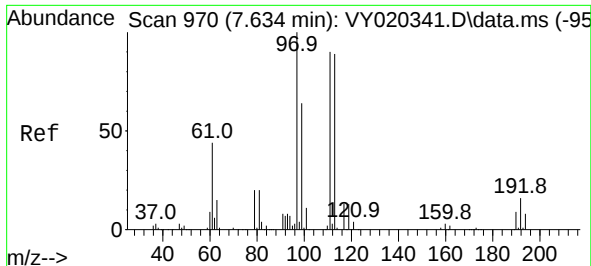
Tgt Ion: 65 Resp: 79170
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion:114 Resp: 263466
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.8
88 16.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 44.124 ug/l

RT: 7.652 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

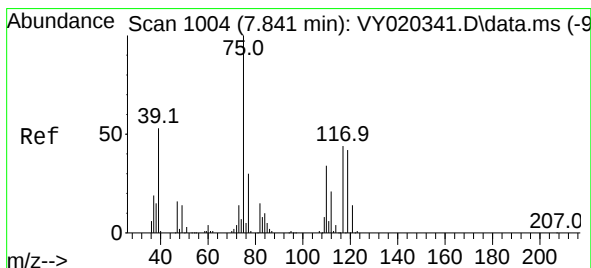
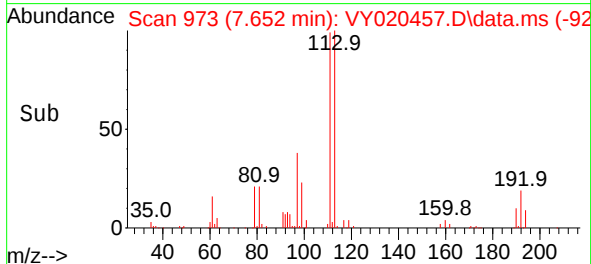
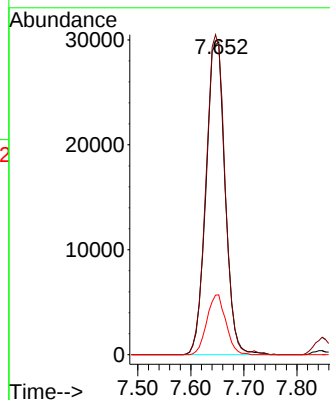
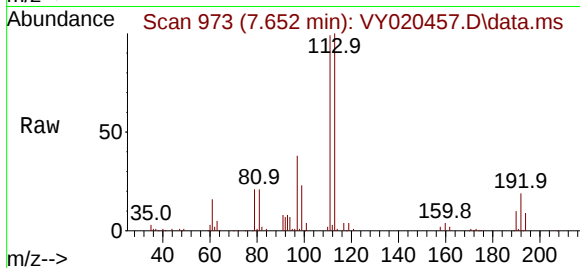
Tgt Ion:113 Resp: 74544

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 19.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 20.774 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

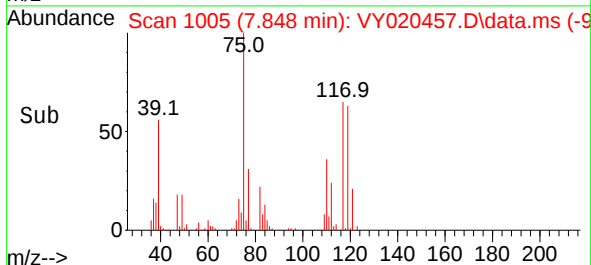
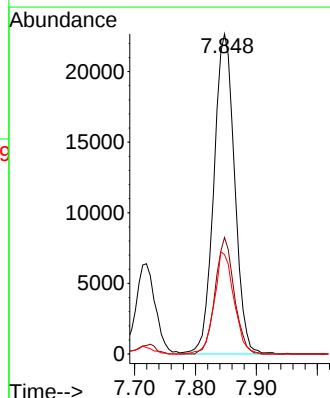
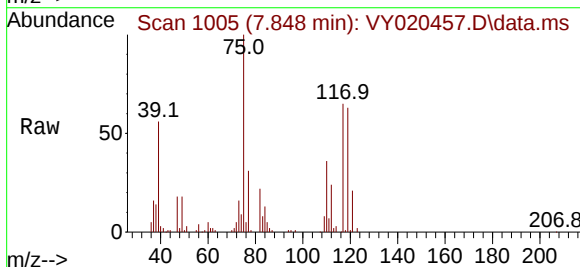
Tgt Ion: 75 Resp: 53604

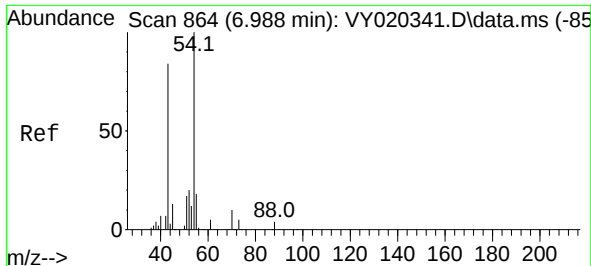
Ion Ratio Lower Upper

75 100

110 33.4 16.7 50.0

77 30.3 24.6 36.8

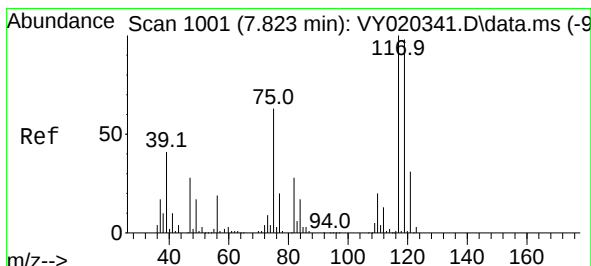
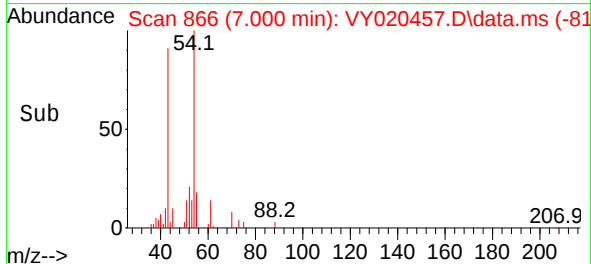
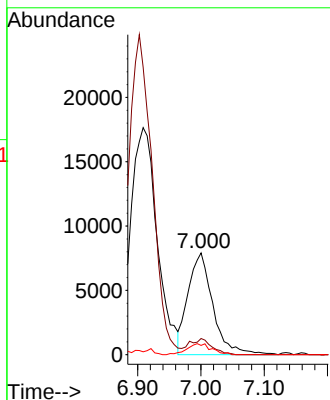
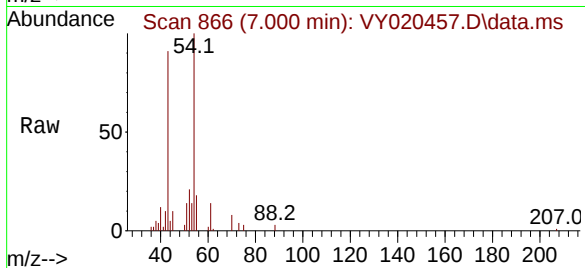




#37
Ethyl Acetate
Concen: 18.314 ug/l
RT: 7.000 min Scan# 866
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

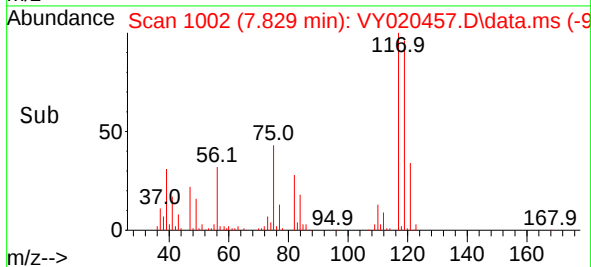
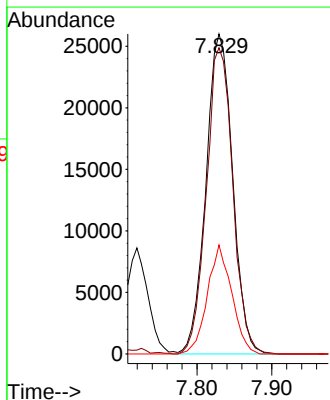
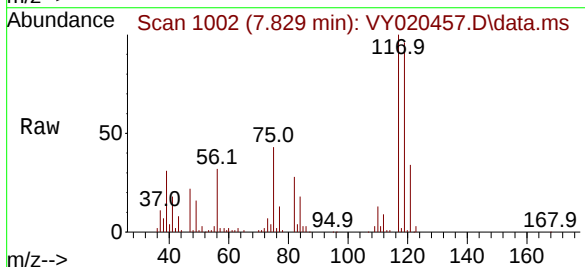
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

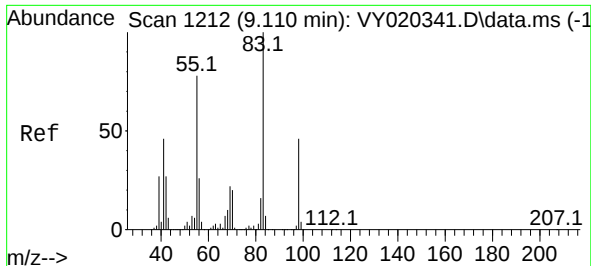
Tgt Ion: 43 Resp: 21648
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 10.7 7.3 10.9



#38
Carbon Tetrachloride
Concen: 23.930 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 117 Resp: 64471
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.6
121 34.0 24.6 37.0

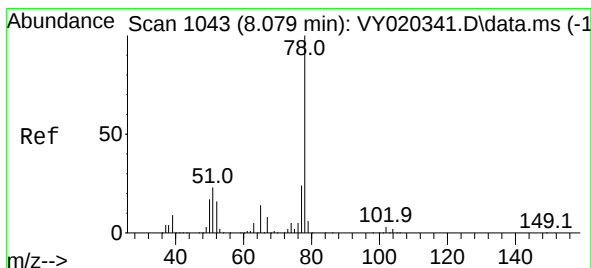
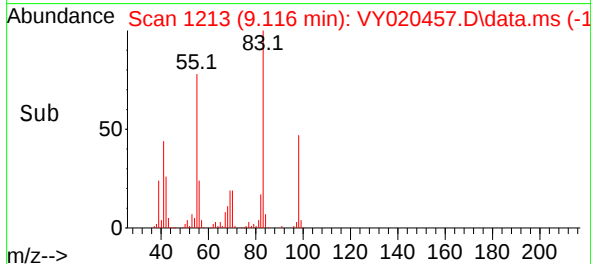
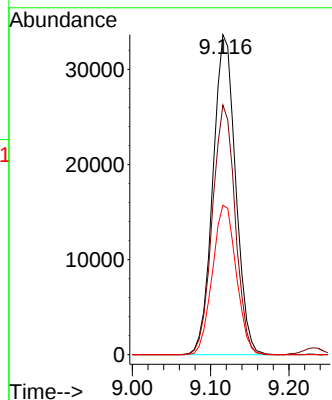
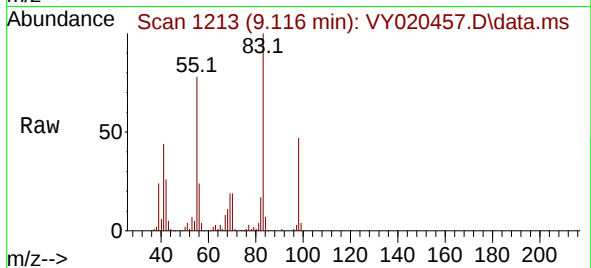




#39
Methylcyclohexane
Concen: 21.028 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

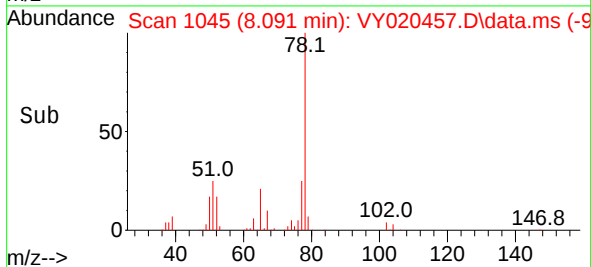
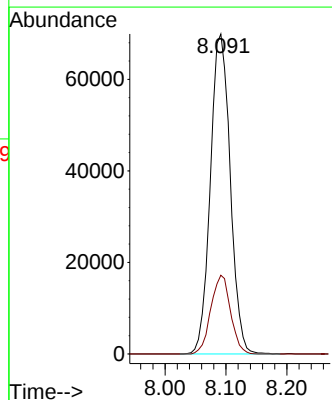
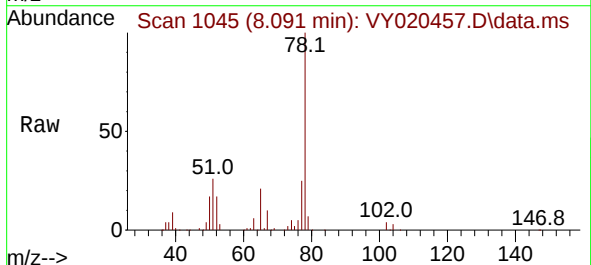
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

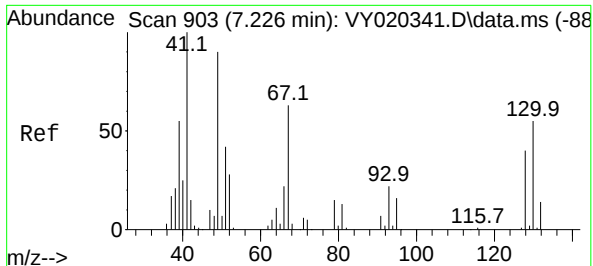
Tgt Ion: 83 Resp: 67907
Ion Ratio Lower Upper
83 100
55 78.0 62.6 93.8
98 46.7 37.0 55.4



#40
Benzene
Concen: 20.943 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 78 Resp: 158367
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0





#41

Methacrylonitrile

Concen: 18.715 ug/l

RT: 7.232 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tgt Ion: 41 Resp: 12587

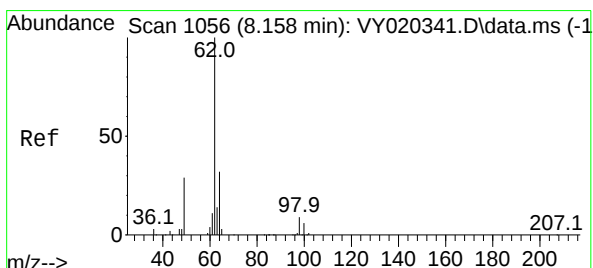
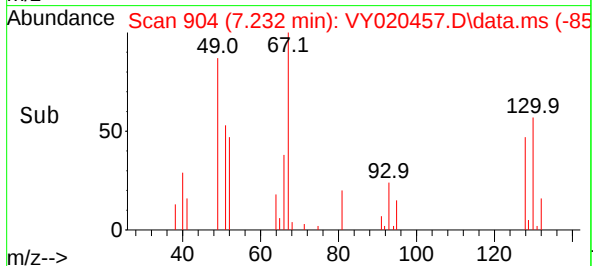
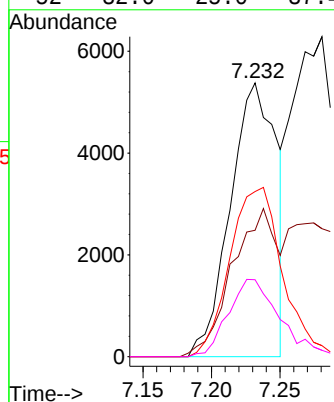
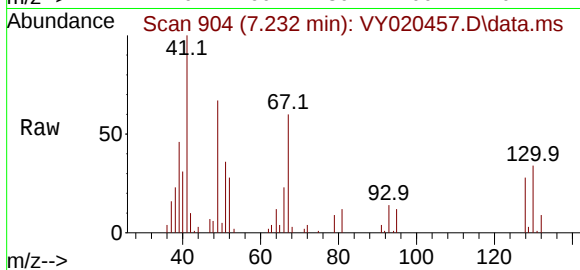
Ion Ratio Lower Upper

41 100

39 52.8 49.0 73.4

67 70.9 57.1 85.7

52 32.0 25.0 37.4



#42

1,2-Dichloroethane

Concen: 20.982 ug/l

RT: 8.171 min Scan# 1058

Delta R.T. 0.012 min

Lab File: VY020457.D

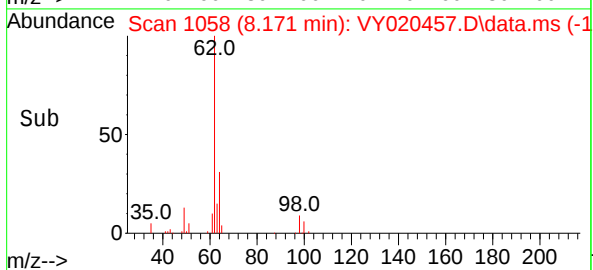
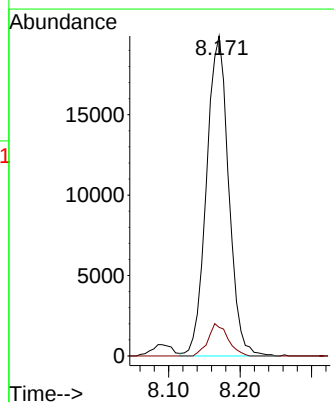
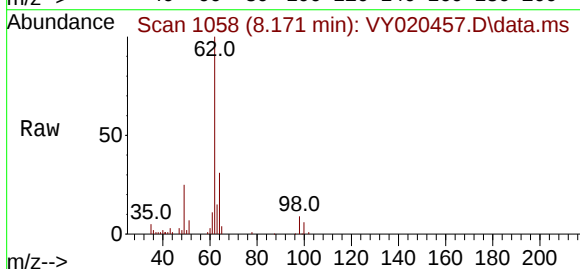
Acq: 27 Nov 2024 11:37

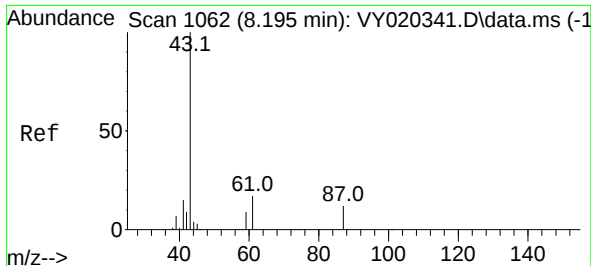
Tgt Ion: 62 Resp: 42827

Ion Ratio Lower Upper

62 100

98 9.0 0.0 18.0





#43

Isopropyl Acetate

Concen: 18.740 ug/l

RT: 8.207 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

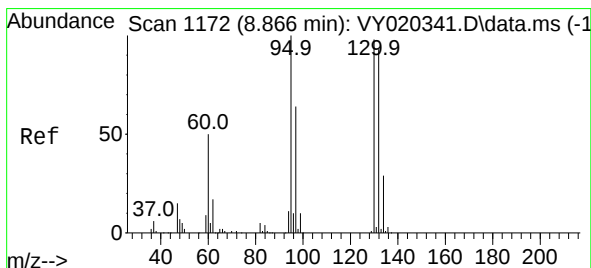
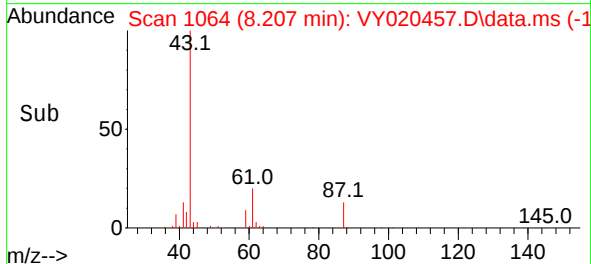
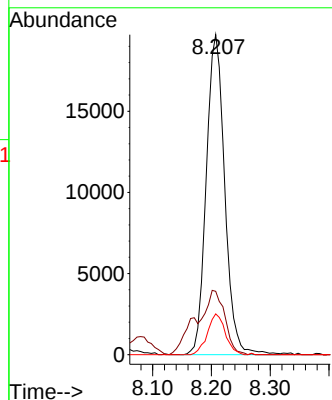
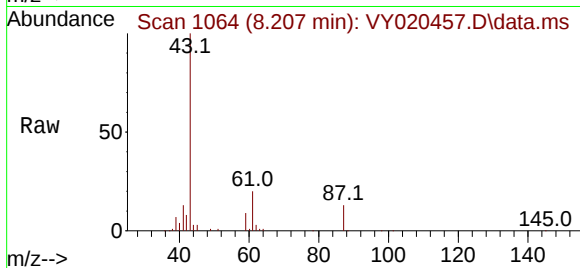
Tgt Ion: 43 Resp: 43078

Ion Ratio Lower Upper

43 100

61 22.0 22.8 34.2#

87 12.3 9.6 14.4



#44

Trichloroethene

Concen: 22.141 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY020457.D

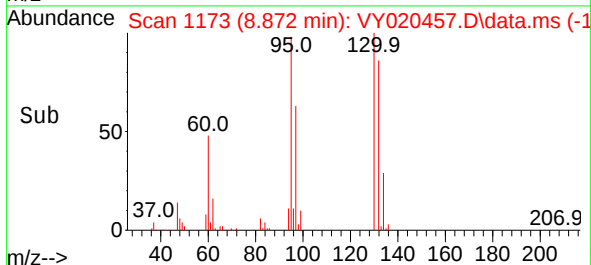
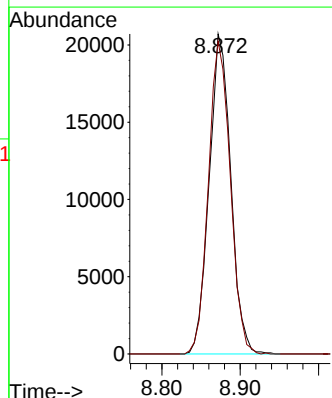
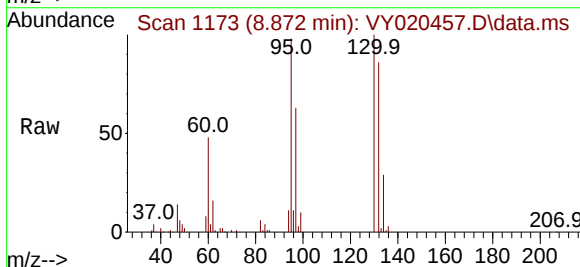
Acq: 27 Nov 2024 11:37

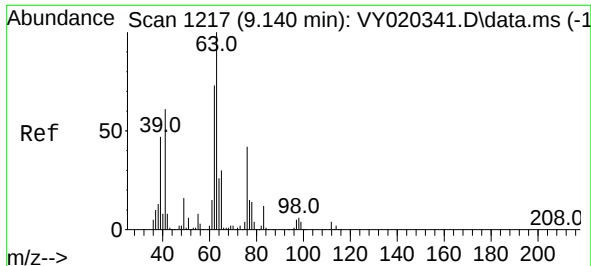
Tgt Ion:130 Resp: 39669

Ion Ratio Lower Upper

130 100

95 97.7 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.659 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

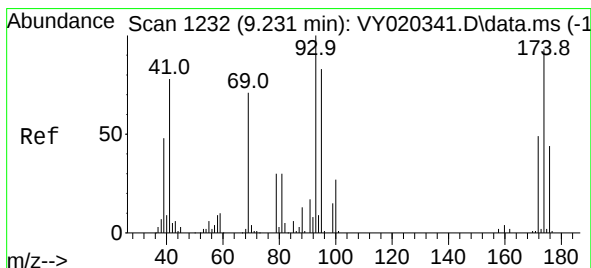
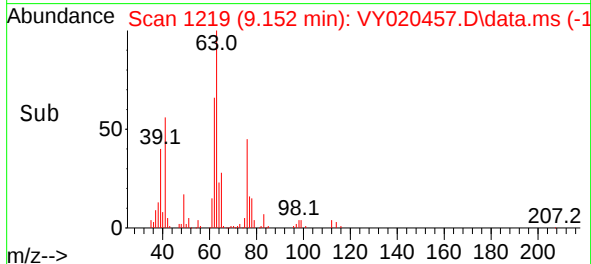
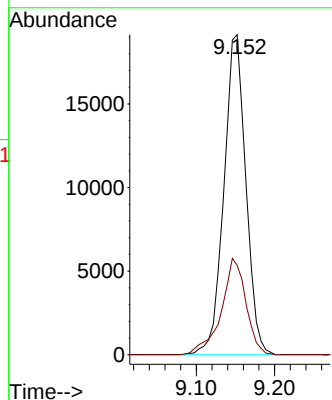
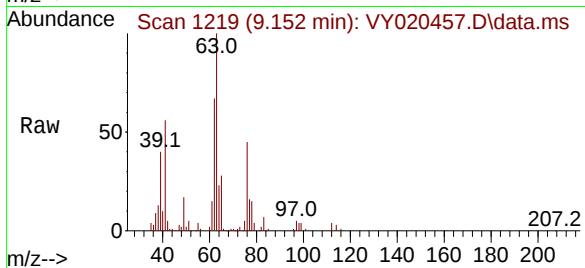
VY1127SBS01

Tgt Ion: 63 Resp: 37272

Ion Ratio Lower Upper

63 100

65 27.9 24.2 36.4



#46

Dibromomethane

Concen: 20.117 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

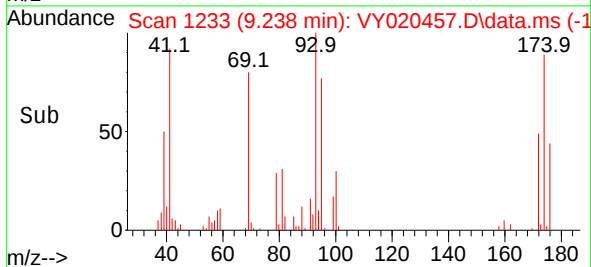
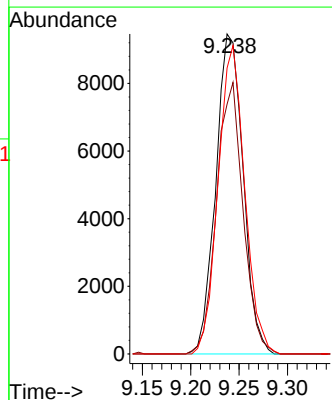
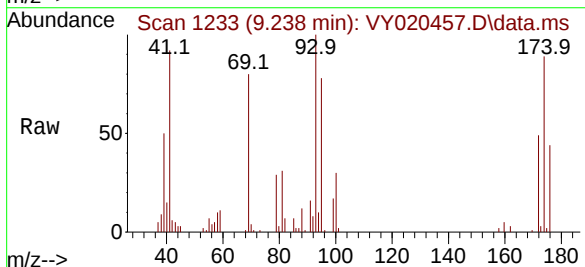
Tgt Ion: 93 Resp: 18602

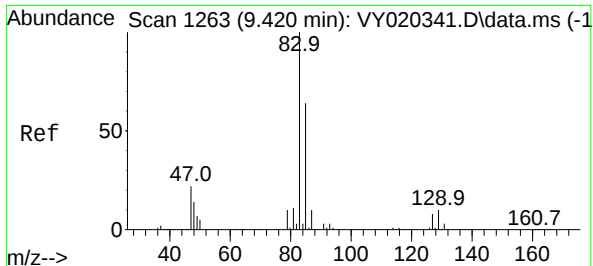
Ion Ratio Lower Upper

93 100

95 82.3 65.3 97.9

174 93.7 74.4 111.6





#47

Bromodichloromethane

Concen: 21.420 ug/l

RT: 9.433 min Scan# 1265

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

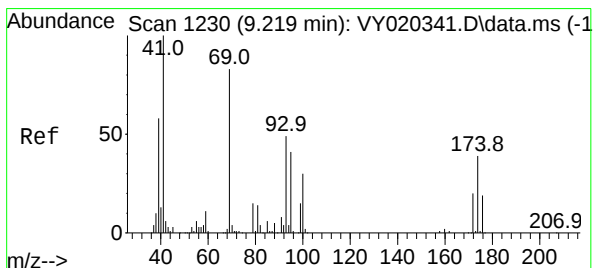
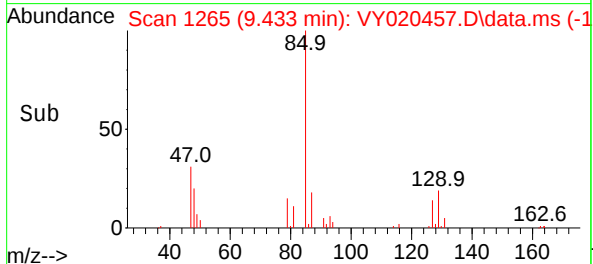
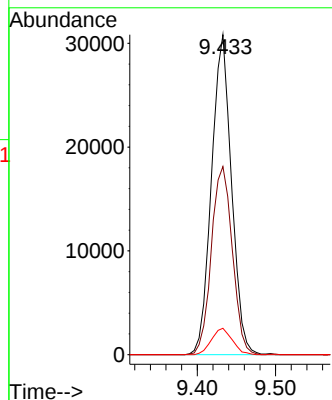
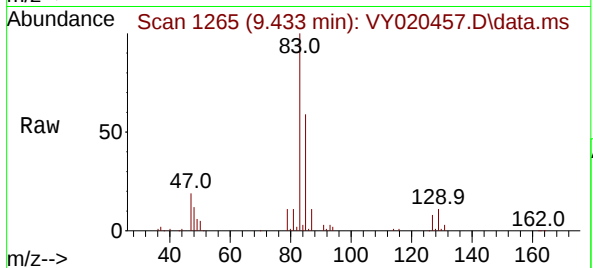
Tgt Ion: 83 Resp: 54678

Ion Ratio Lower Upper

83 100

85 58.8 51.4 77.2

127 8.2 6.3 9.5



#48

Methyl methacrylate

Concen: 18.310 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

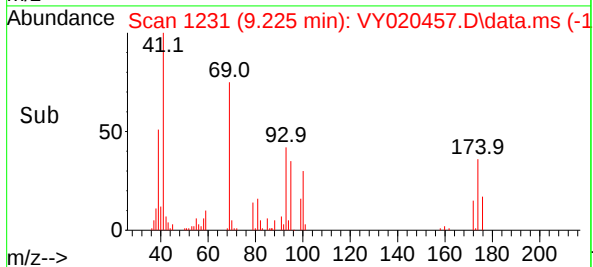
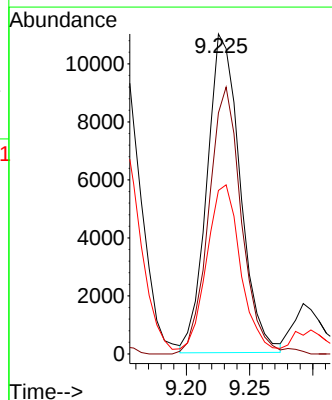
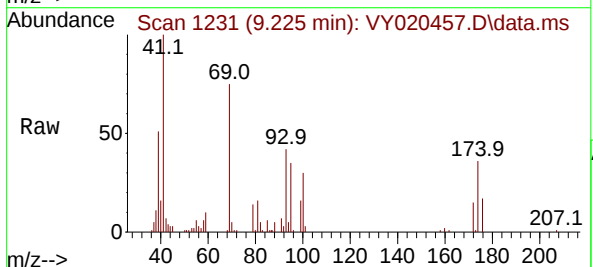
Tgt Ion: 41 Resp: 20123

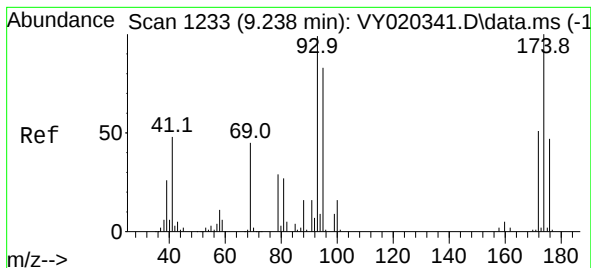
Ion Ratio Lower Upper

41 100

69 82.3 66.1 99.1

39 52.0 46.0 69.0





#49

1,4-Dioxane

Concen: 358.648 ug/l m

RT: 9.244 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

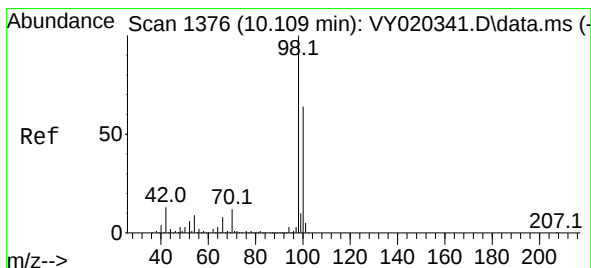
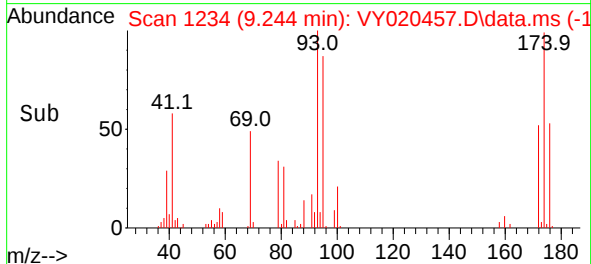
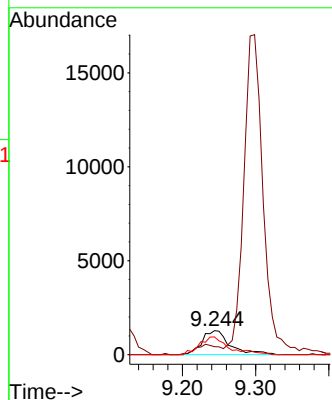
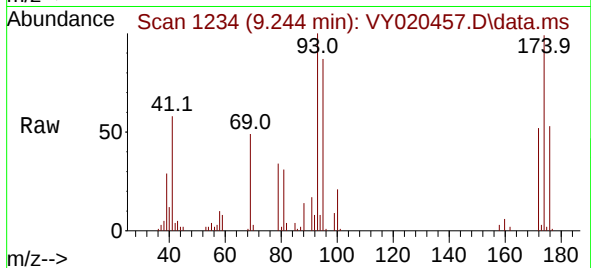
Tgt Ion: 88 Resp: 3412

Ion Ratio Lower Upper

88 100

43 35.7 24.6 37.0

58 77.6 59.6 89.4



#50

Toluene-d8

Concen: 44.516 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020457.D

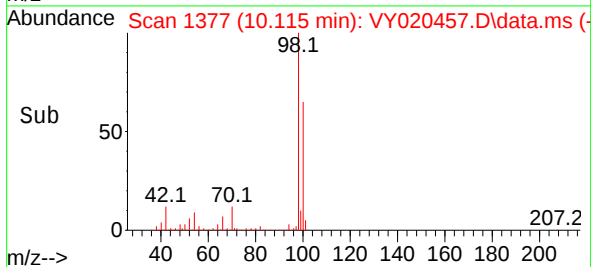
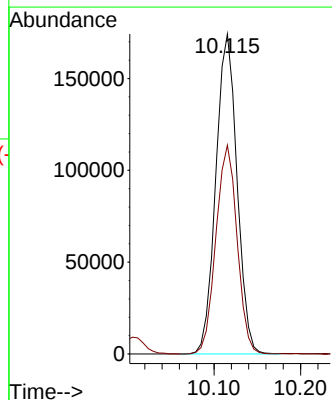
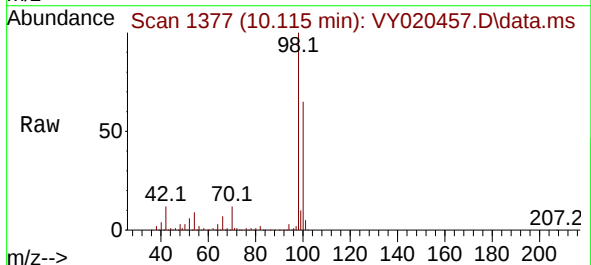
Acq: 27 Nov 2024 11:37

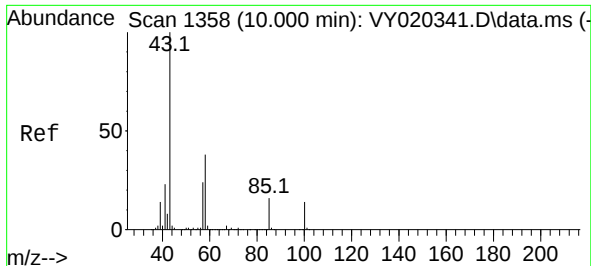
Tgt Ion: 98 Resp: 296254

Ion Ratio Lower Upper

98 100

100 65.2 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 89.900 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

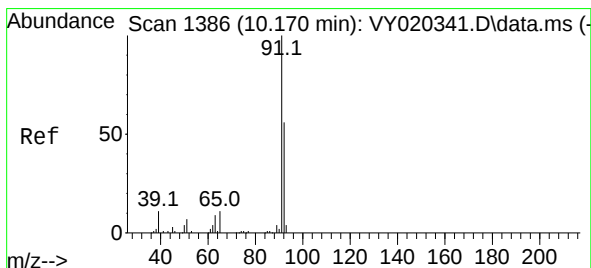
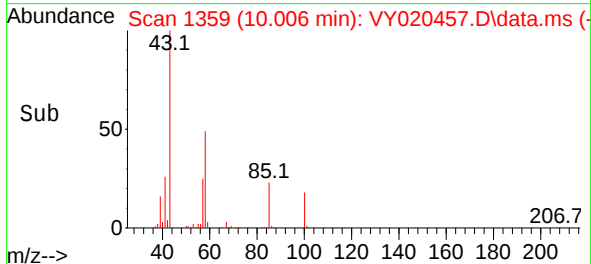
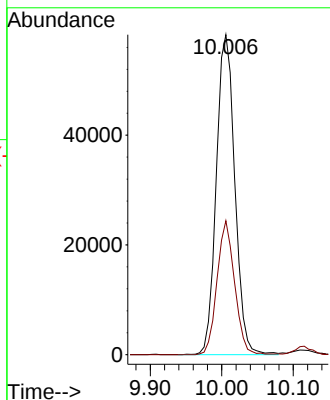
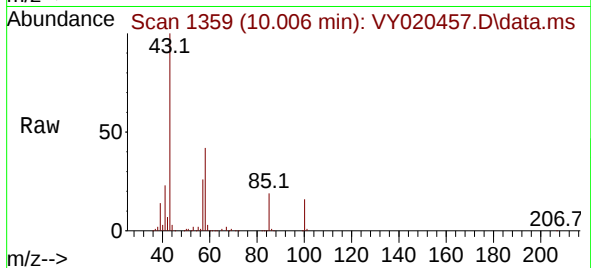
VY1127SBS01

Tgt Ion: 43 Resp: 104874

Ion Ratio Lower Upper

43 100

58 39.7 30.9 46.3



#52

Toluene

Concen: 21.616 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020457.D

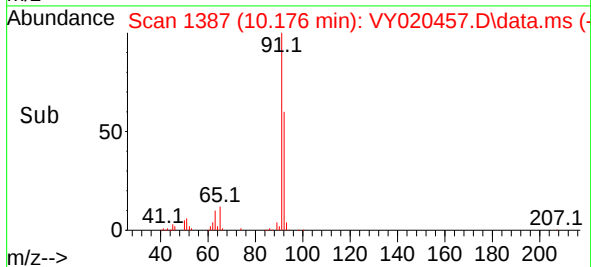
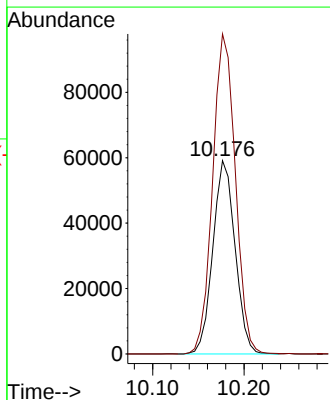
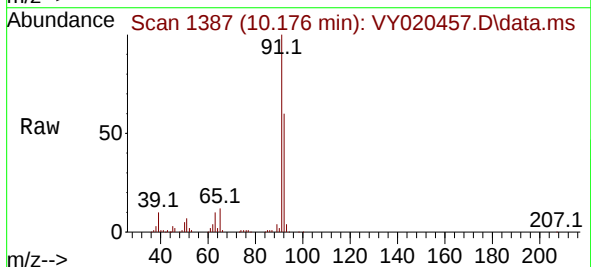
Acq: 27 Nov 2024 11:37

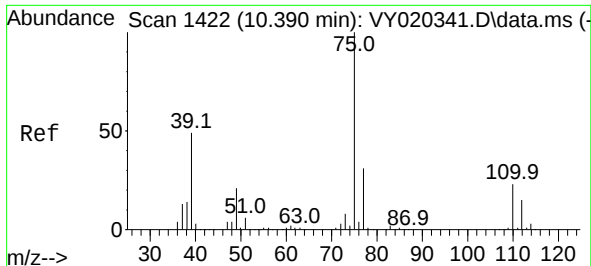
Tgt Ion: 92 Resp: 99910

Ion Ratio Lower Upper

92 100

91 169.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 19.780 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

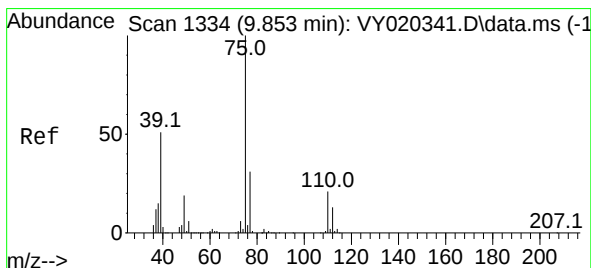
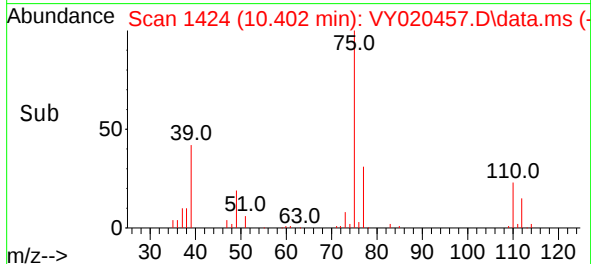
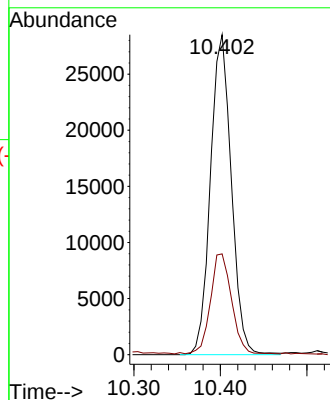
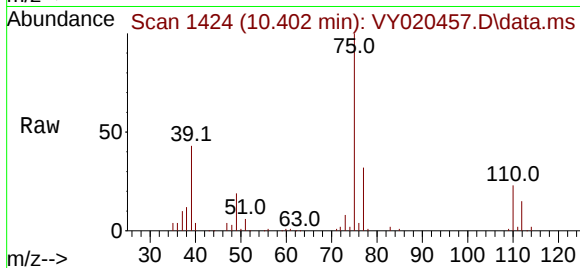
VY1127SBS01

Tgt Ion: 75 Resp: 47747

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.736 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

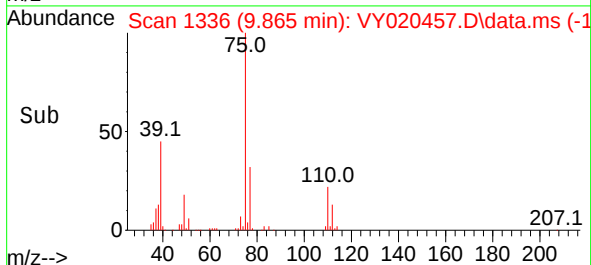
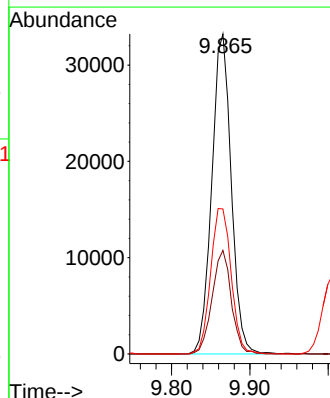
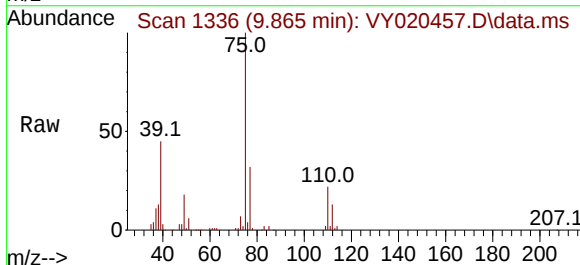
Tgt Ion: 75 Resp: 57299

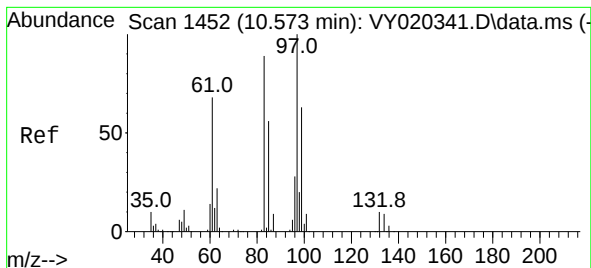
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4

39 45.3 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 19.668 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tgt Ion: 97 Resp: 24142

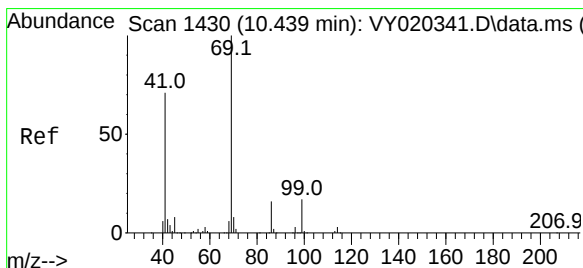
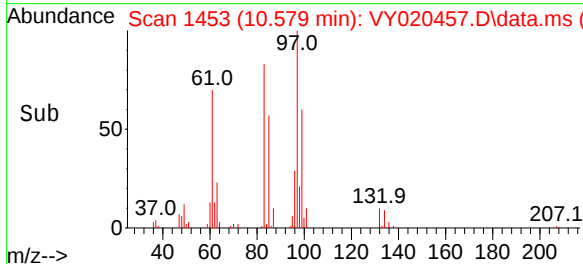
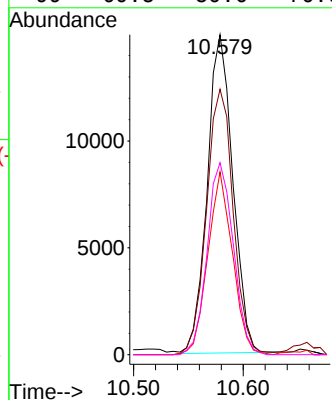
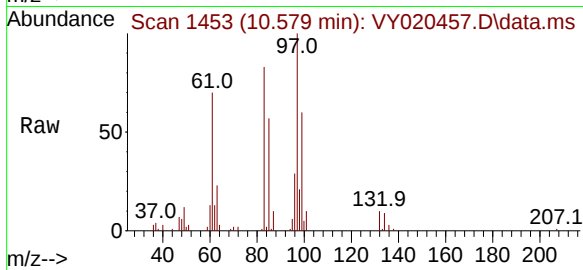
Ion Ratio Lower Upper

97 100

83 83.3 70.8 106.2

85 57.2 44.9 67.3

99 60.5 50.6 76.0



#56

Ethyl methacrylate

Concen: 18.001 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

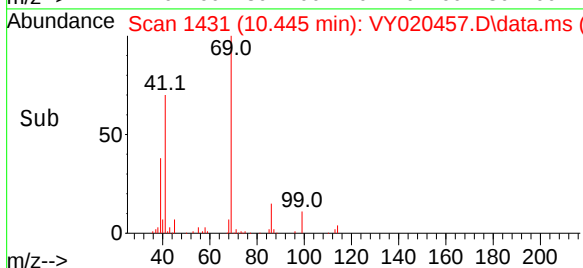
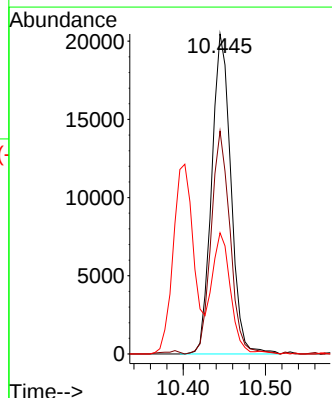
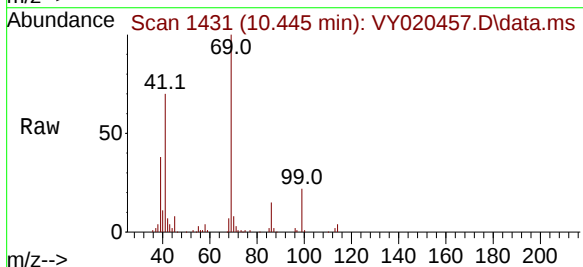
Tgt Ion: 69 Resp: 33182

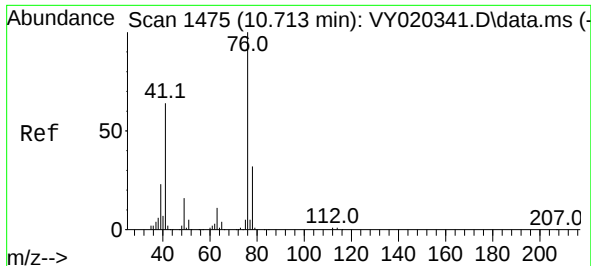
Ion Ratio Lower Upper

69 100

41 68.7 56.1 84.1

39 36.4 29.7 44.5





#57

1,3-Dichloropropane

Concen: 19.807 ug/l

RT: 10.725 min Scan# 1475

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

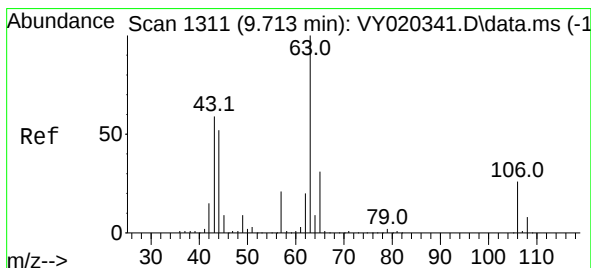
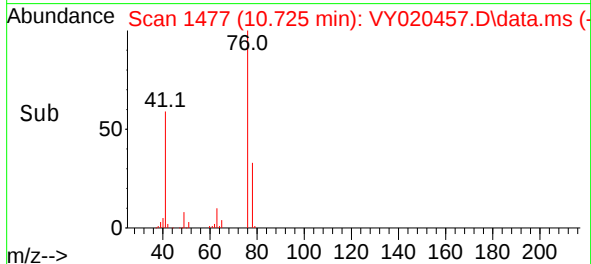
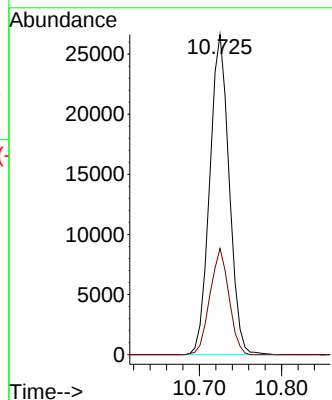
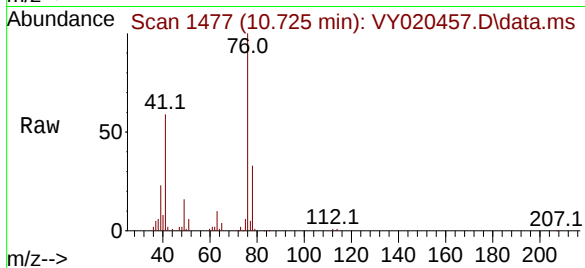
VY1127SBS01

Tgt Ion: 76 Resp: 43692

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 87.996 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020457.D

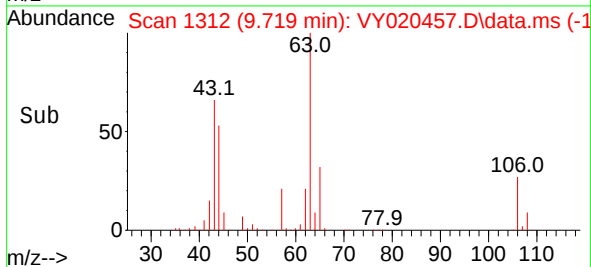
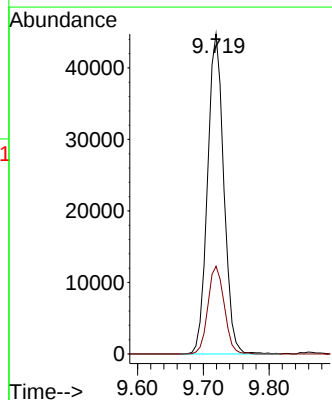
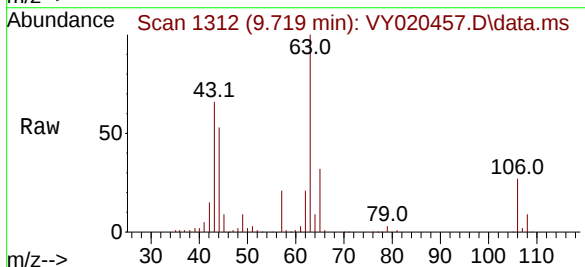
Acq: 27 Nov 2024 11:37

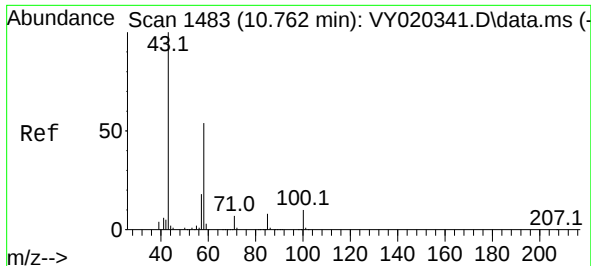
Tgt Ion: 63 Resp: 76915

Ion Ratio Lower Upper

63 100

106 27.5 21.0 31.4

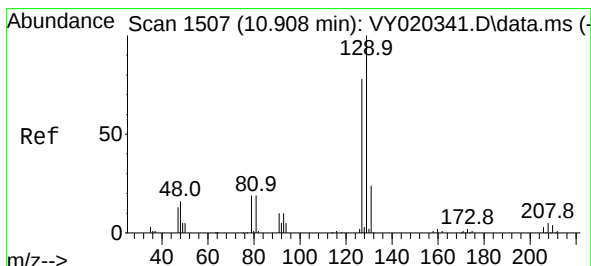
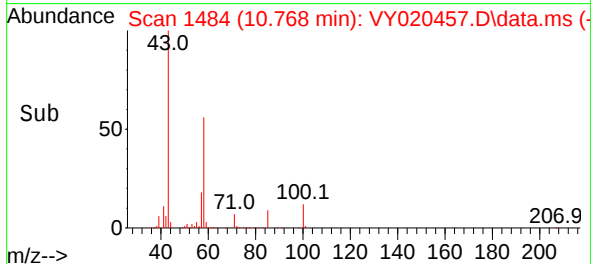
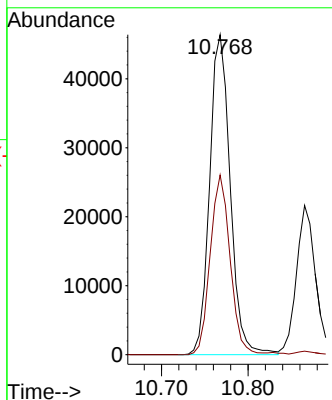
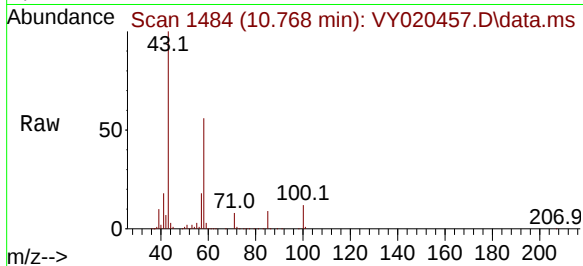




#59
2-Hexanone
Concen: 92.703 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

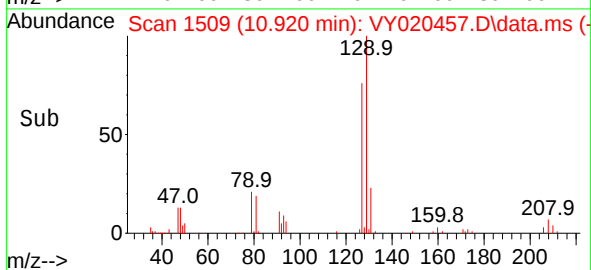
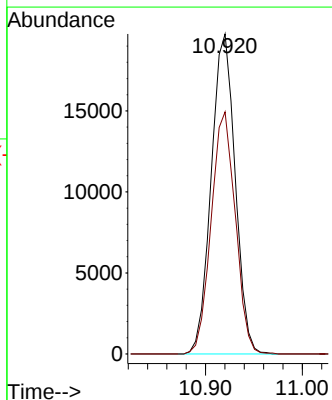
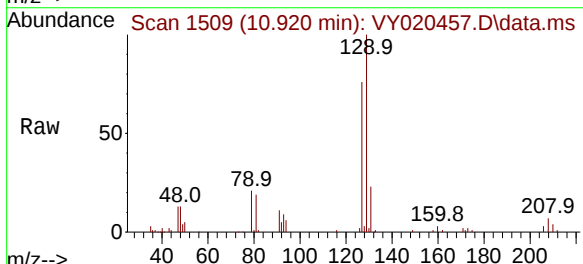
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

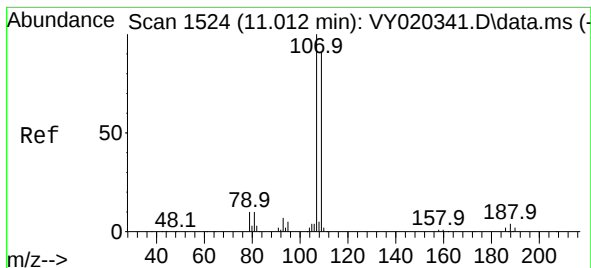
Tgt Ion: 43 Resp: 76577
Ion Ratio Lower Upper
43 100
58 54.7 26.4 79.2



#60
Dibromochloromethane
Concen: 21.426 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 129 Resp: 33899
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 18.989 ug/l

RT: 11.024 min Scan# 1526

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

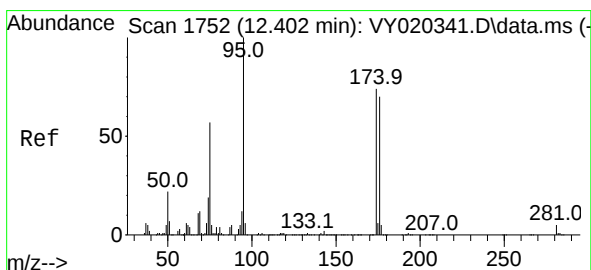
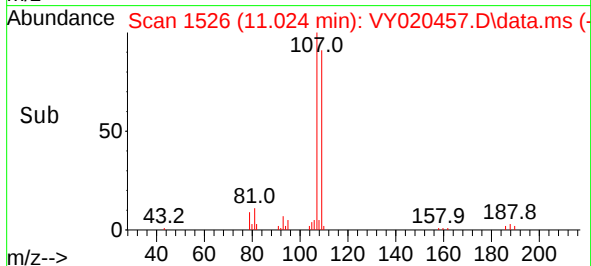
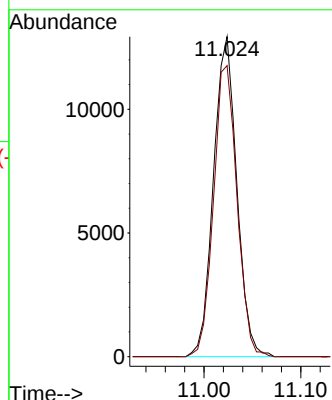
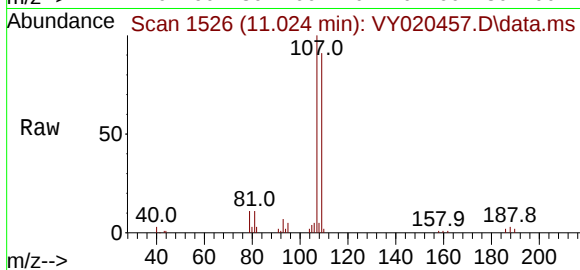
VY1127SBS01

Tgt Ion:107 Resp: 21599

Ion Ratio Lower Upper

107 100

109 91.8 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 45.135 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

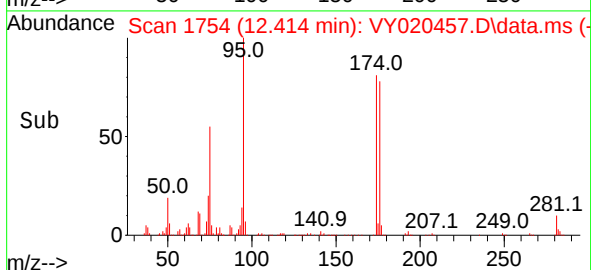
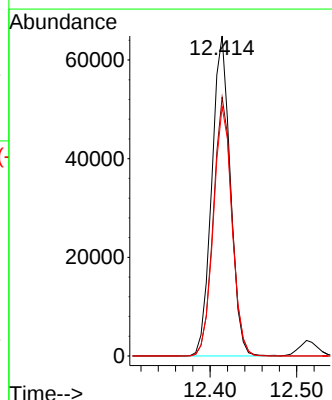
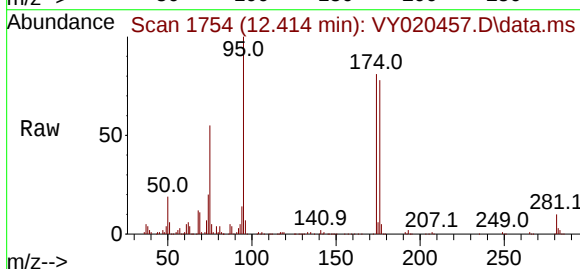
Tgt Ion: 95 Resp: 96559

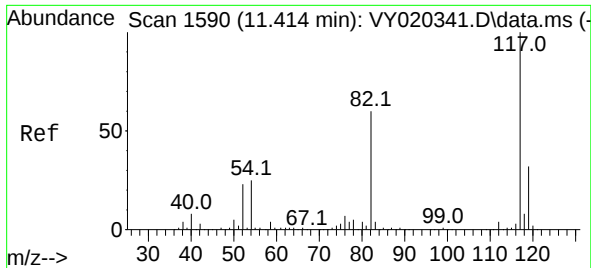
Ion Ratio Lower Upper

95 100

174 80.8 0.0 156.8

176 78.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

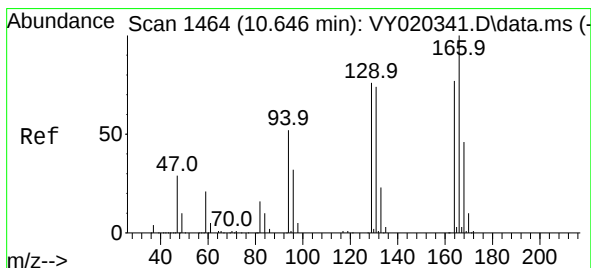
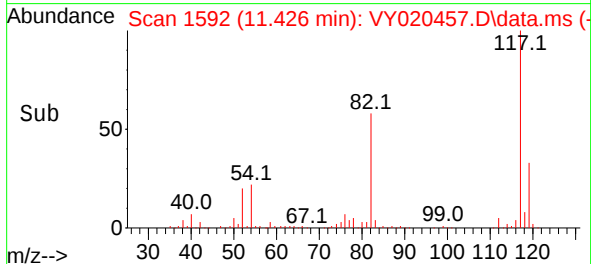
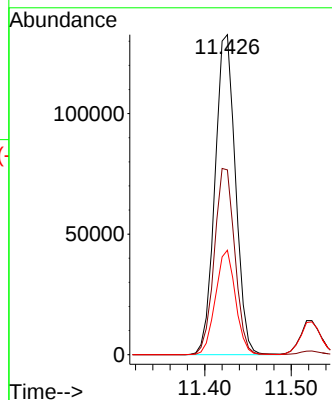
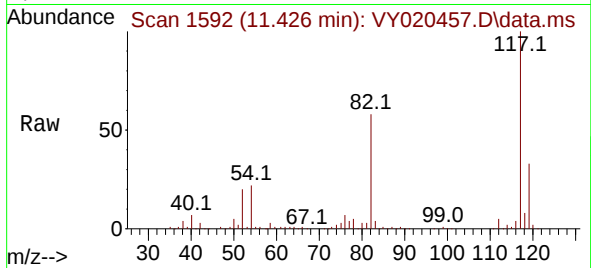
Tgt Ion:117 Resp: 218225

Ion Ratio Lower Upper

117 100

82 57.8 48.2 72.4

119 32.7 25.8 38.8



#64

Tetrachloroethene

Concen: 21.687 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Tgt Ion:164 Resp: 34115

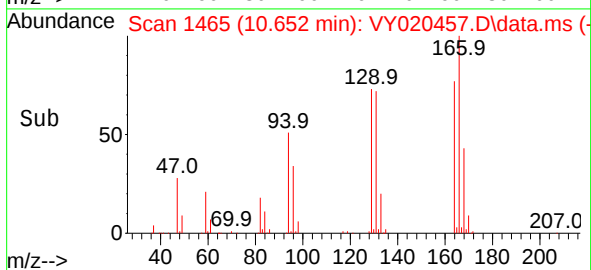
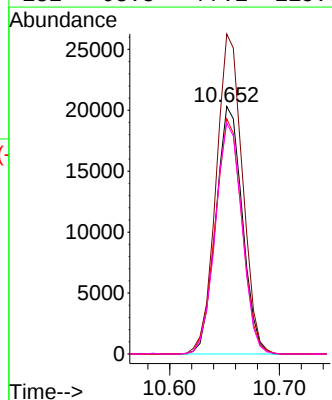
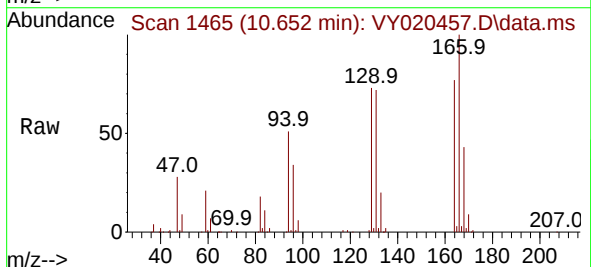
Ion Ratio Lower Upper

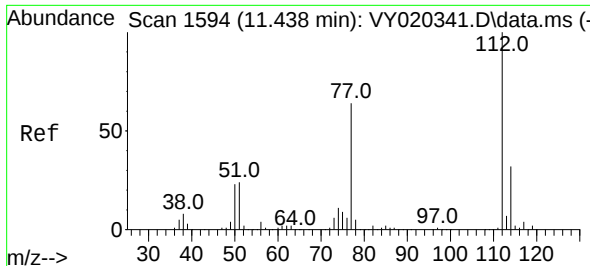
164 100

166 129.3 103.8 155.8

129 95.0 79.0 118.4

131 93.3 77.1 115.7





#65

Chlorobenzene

Concen: 21.054 ug/l

RT: 11.451 min Scan# 1596

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

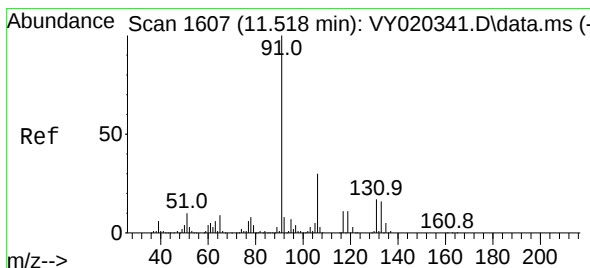
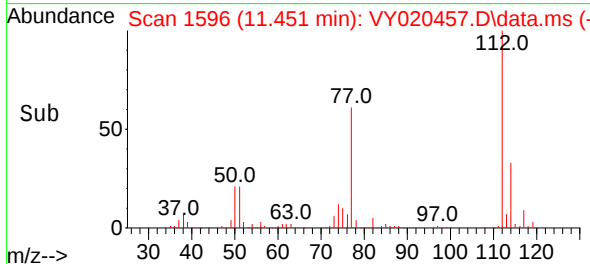
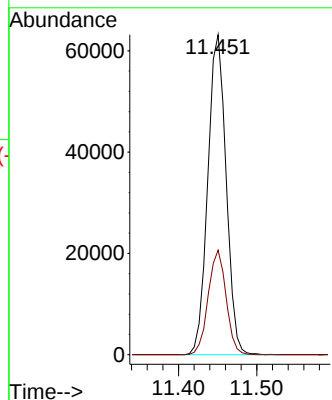
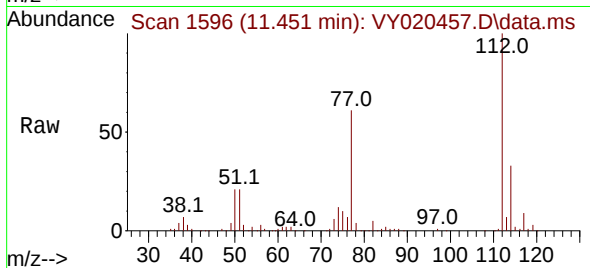
VY1127SBS01

Tgt Ion:112 Resp: 102442

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 21.878 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

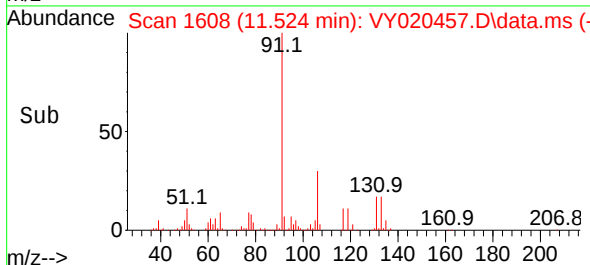
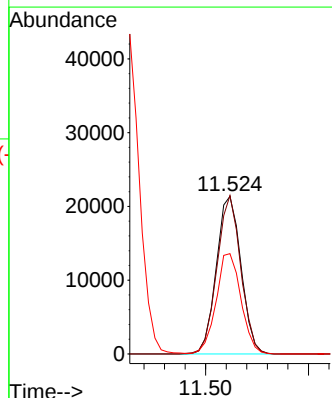
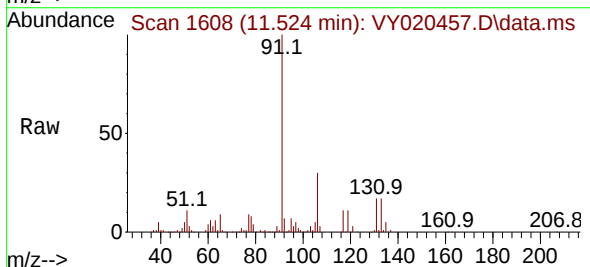
Tgt Ion:131 Resp: 35561

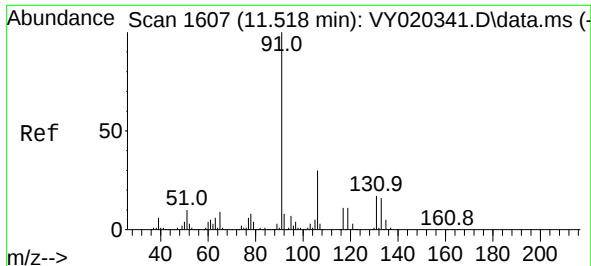
Ion Ratio Lower Upper

131 100

133 97.0 47.8 143.3

119 64.2 32.5 97.5





#67

Ethyl Benzene

Concen: 21.595 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

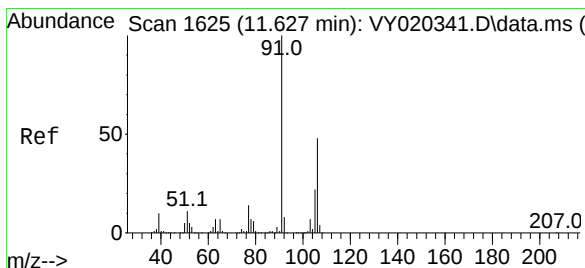
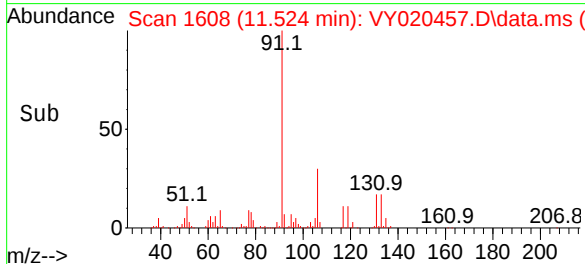
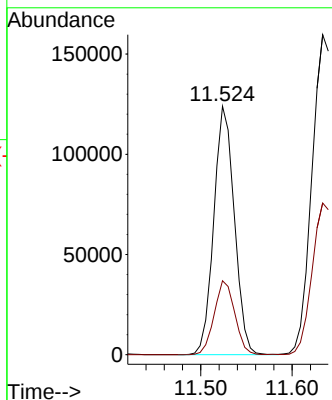
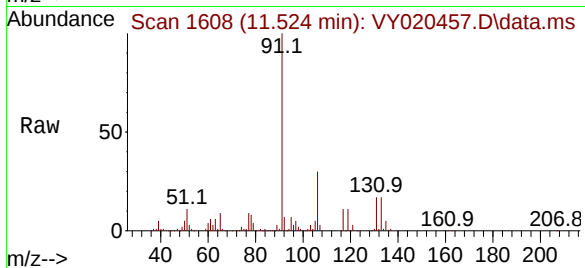
VY1127SBS01

Tgt Ion: 91 Resp: 193844

Ion Ratio Lower Upper

91 100

106 29.7 23.9 35.9



#68

m/p-Xylenes

Concen: 43.688 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY020457.D

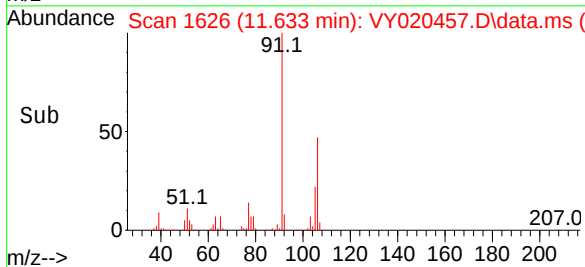
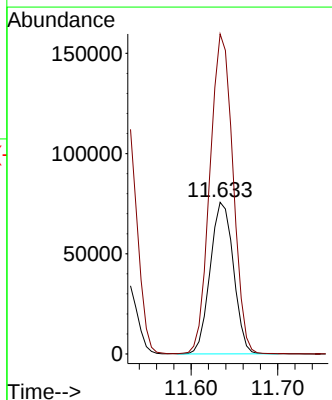
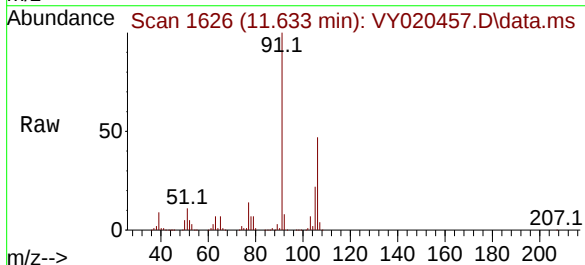
Acq: 27 Nov 2024 11:37

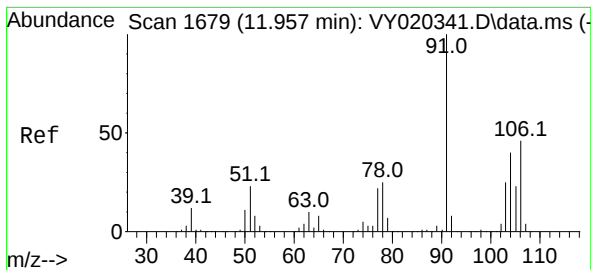
Tgt Ion:106 Resp: 141258

Ion Ratio Lower Upper

106 100

91 209.8 166.0 249.0

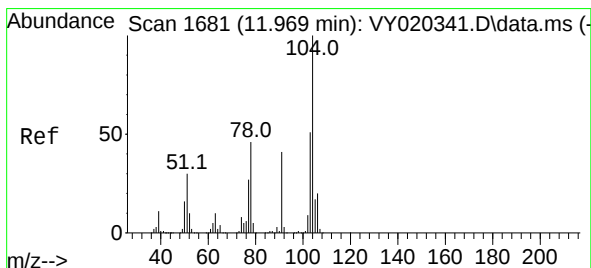
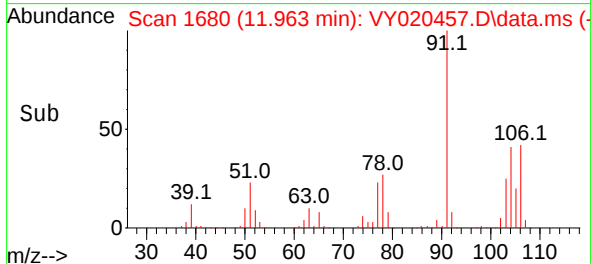
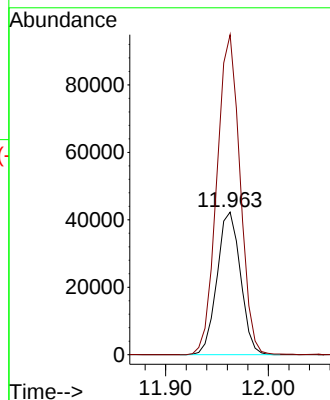
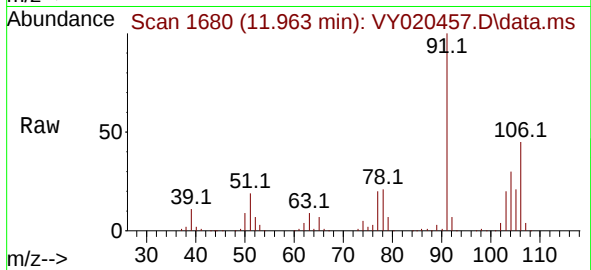




#69
o-Xylene
Concen: 21.770 ug/l
RT: 11.963 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

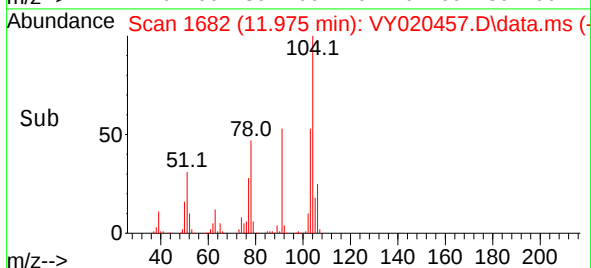
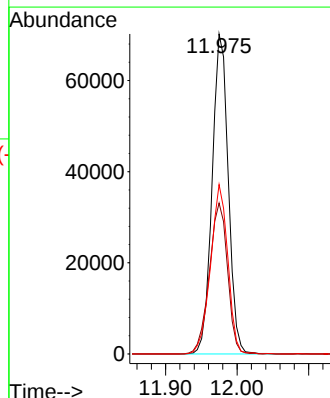
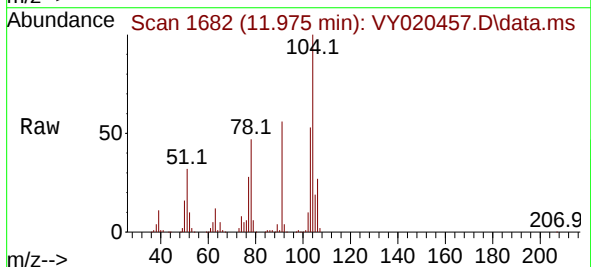
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

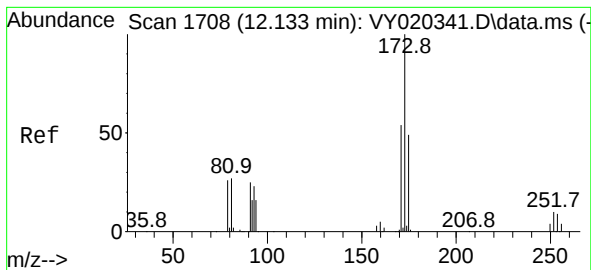
Tgt Ion:106 Resp: 66764
Ion Ratio Lower Upper
106 100
91 222.6 110.0 330.0



#70
Styrene
Concen: 21.602 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion:104 Resp: 110070
Ion Ratio Lower Upper
104 100
78 53.2 41.4 62.2
103 56.5 44.2 66.4





#71

Bromoform

Concen: 21.603 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

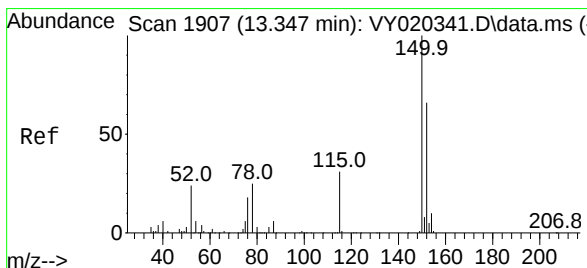
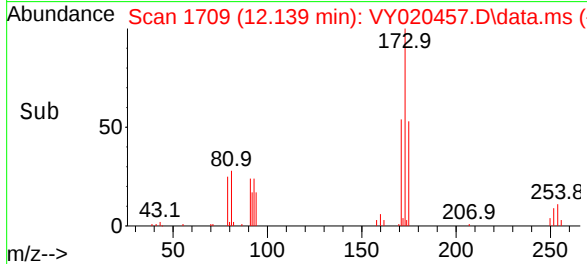
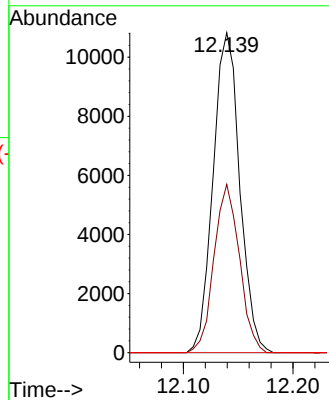
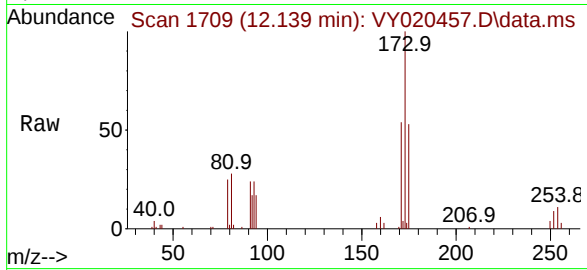
Tgt Ion:173 Resp: 18300

Ion Ratio Lower Upper

173 100

175 50.2 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

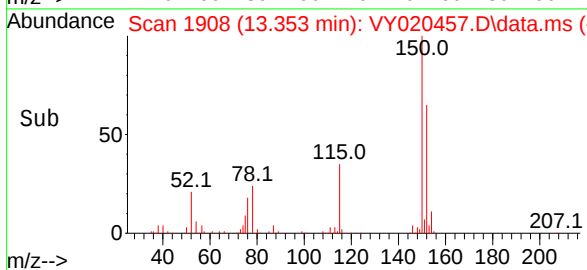
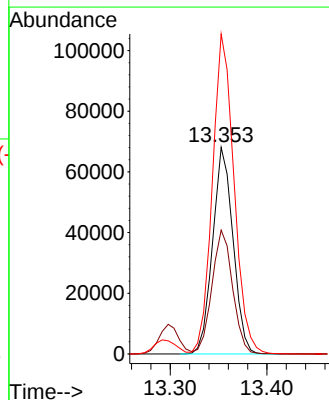
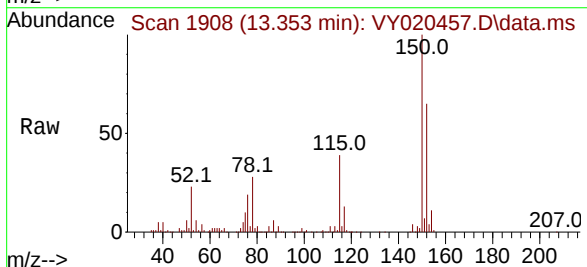
Tgt Ion:152 Resp: 99753

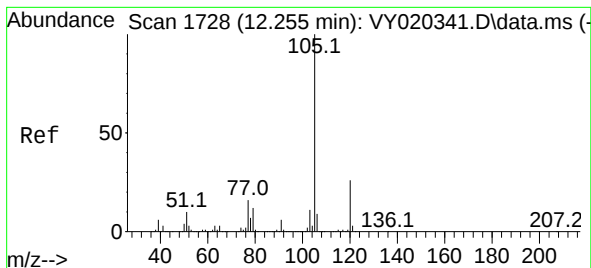
Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

150 163.9 0.0 348.2





#73

Isopropylbenzene

Concen: 22.008 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

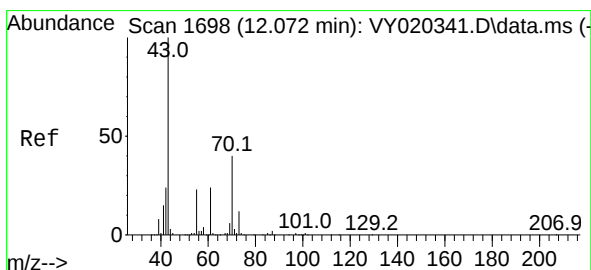
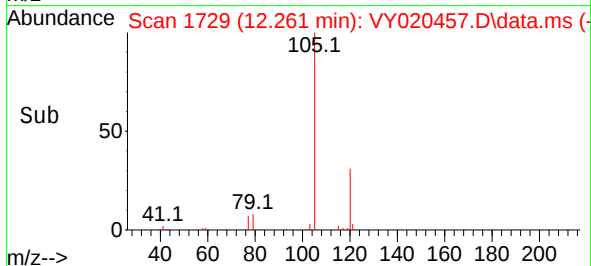
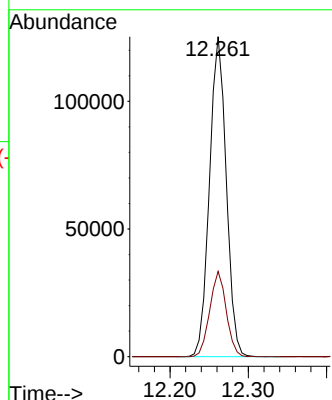
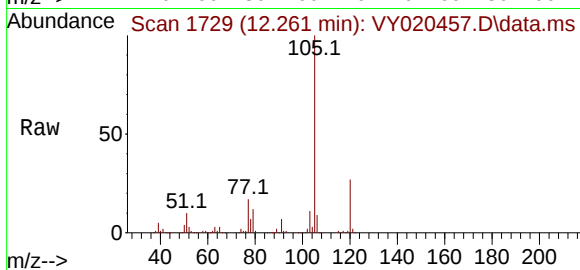
VY1127SBS01

Tgt Ion:105 Resp: 185974

Ion Ratio Lower Upper

105 100

120 26.2 12.7 38.1



#74

N-ethyl acetate

Concen: 17.059 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Tgt Ion: 43 Resp: 34836

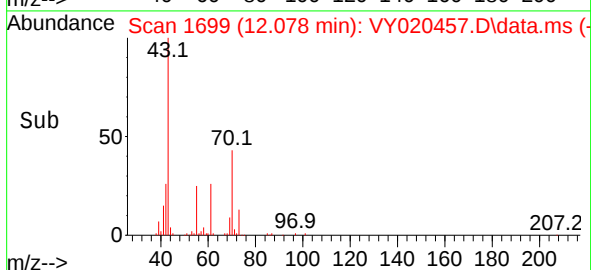
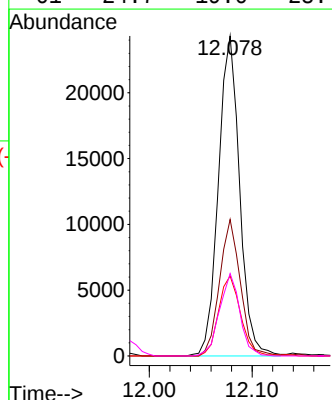
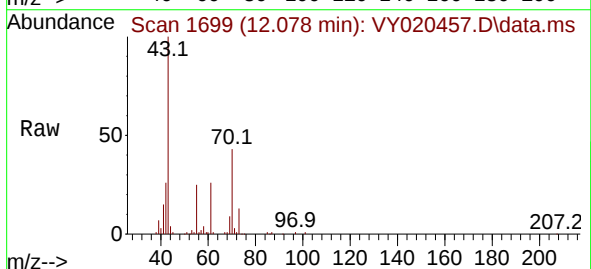
Ion Ratio Lower Upper

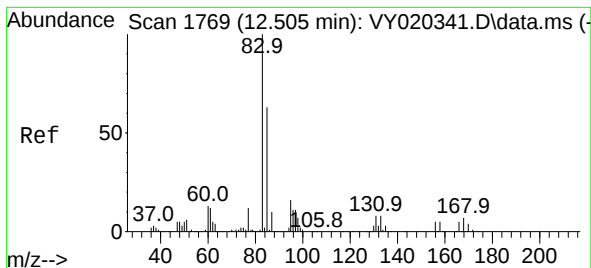
43 100

70 41.9 32.9 49.3

55 26.1 19.3 28.9

61 24.7 19.0 28.4





#75

1,1,2-Tetrachloroethane

Concen: 18.590 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

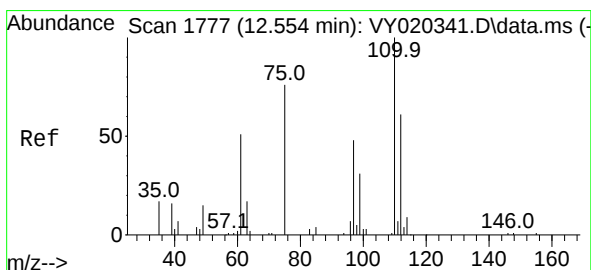
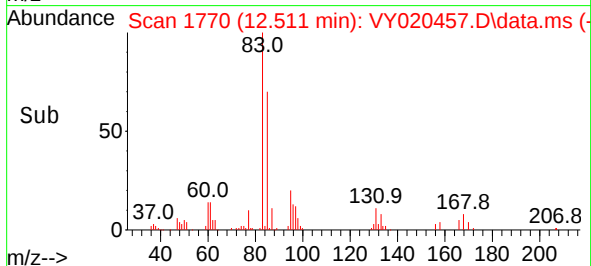
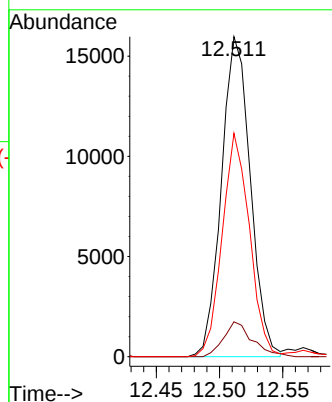
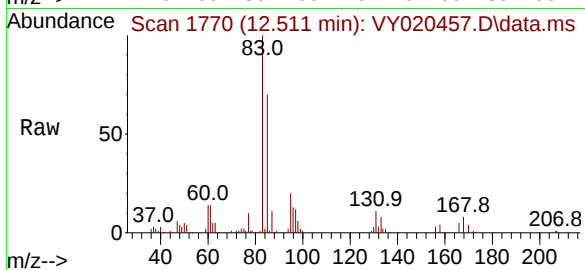
Tgt Ion: 83 Resp: 25389

Ion Ratio Lower Upper

83 100

131 10.9 4.8 14.4

85 66.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 16.209 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY020457.D

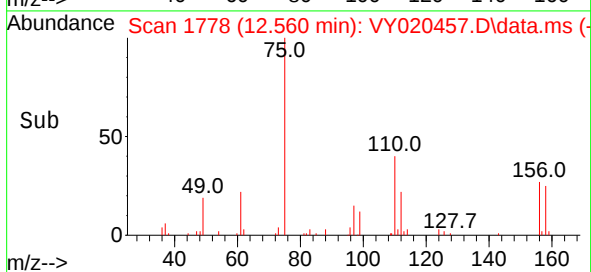
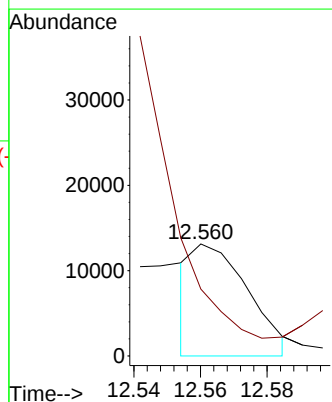
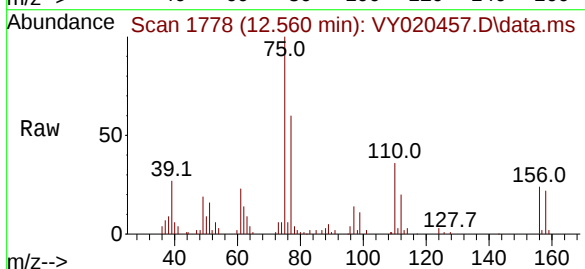
Acq: 27 Nov 2024 11:37

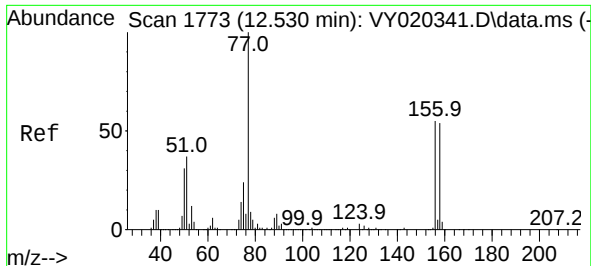
Tgt Ion: 75 Resp: 15240

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

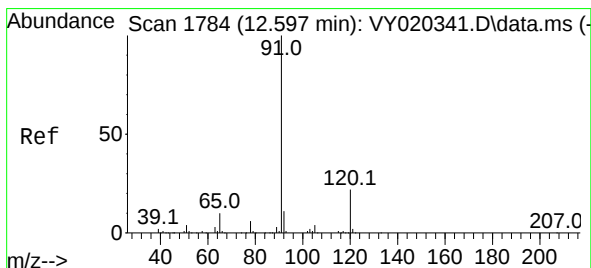
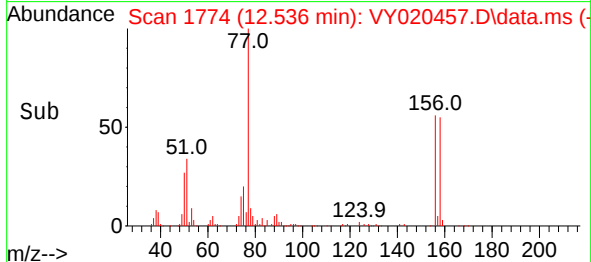
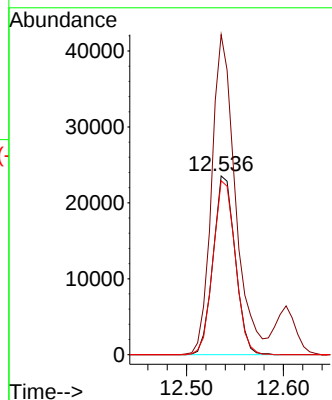
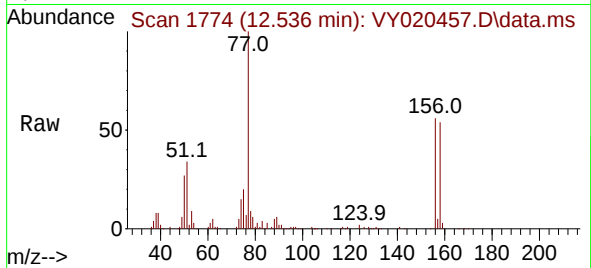




#77
Bromobenzene
Concen: 21.075 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

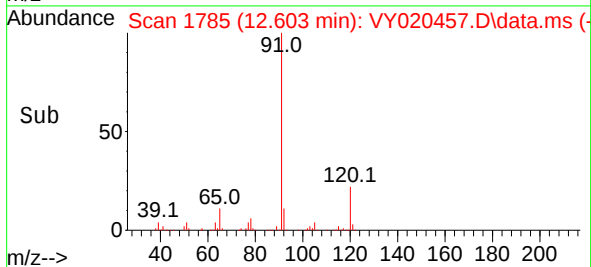
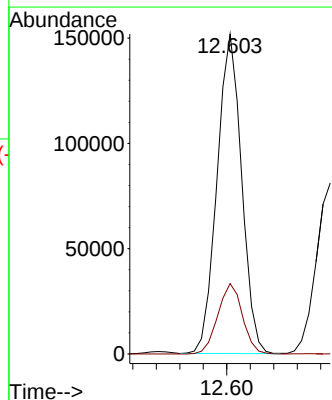
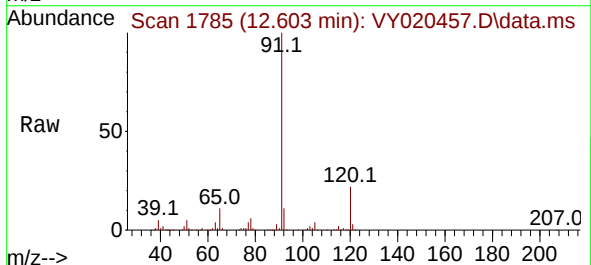
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

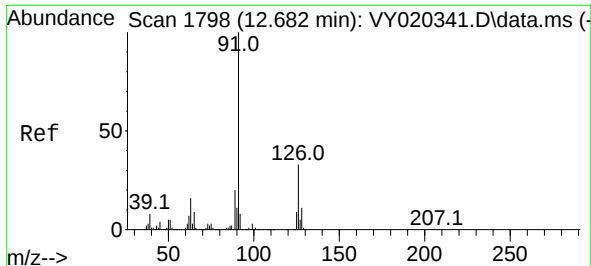
Tgt Ion:156 Resp: 37311
Ion Ratio Lower Upper
156 100
77 191.4 97.2 291.6
158 98.5 47.8 143.4



#78
n-propylbenzene
Concen: 21.735 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 91 Resp: 220420
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6





#79

2-Chlorotoluene

Concen: 21.103 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

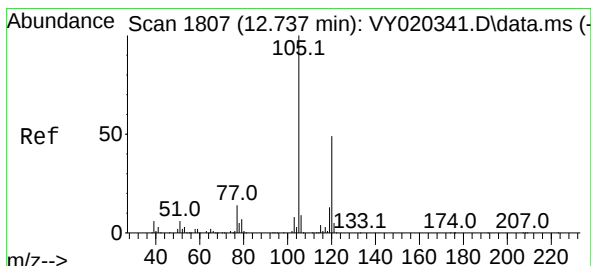
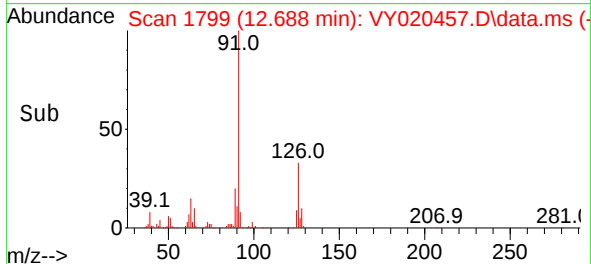
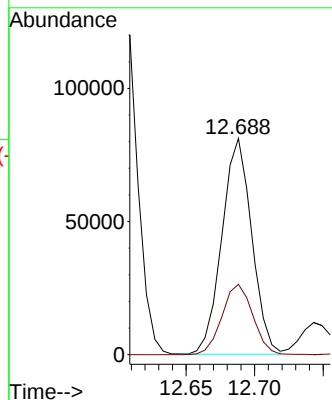
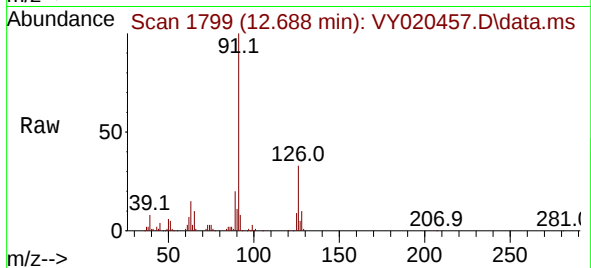
VY1127SBS01

Tgt Ion: 91 Resp: 123053

Ion Ratio Lower Upper

91 100

126 33.6 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 22.036 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020457.D

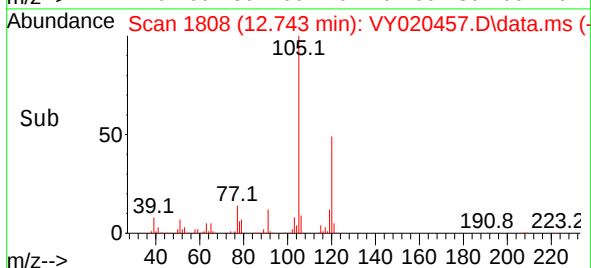
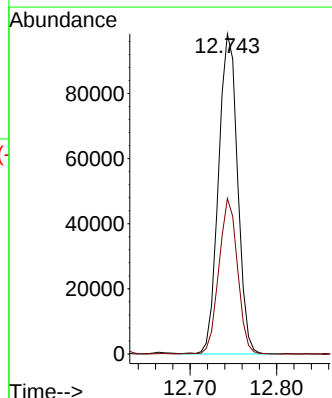
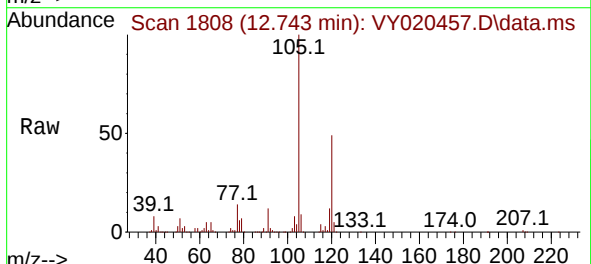
Acq: 27 Nov 2024 11:37

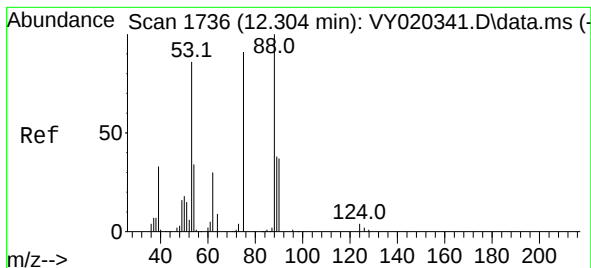
Tgt Ion:105 Resp: 150488

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.8

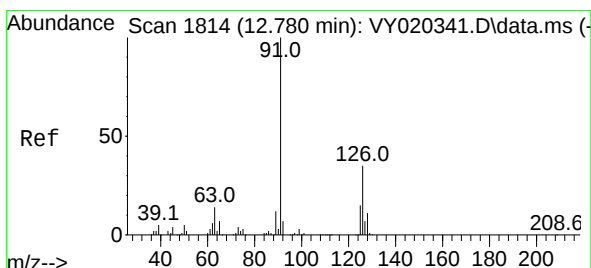
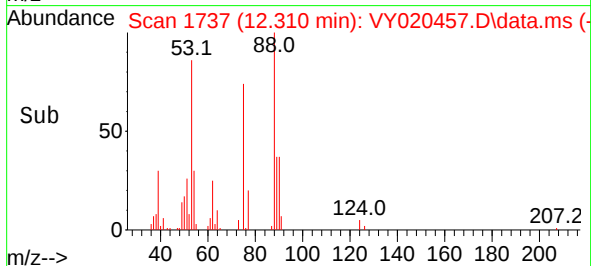
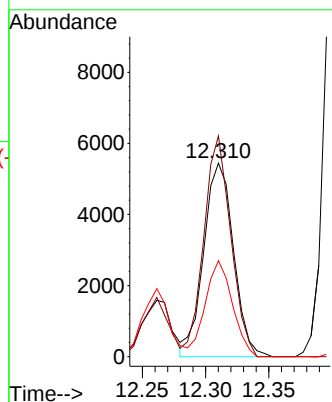
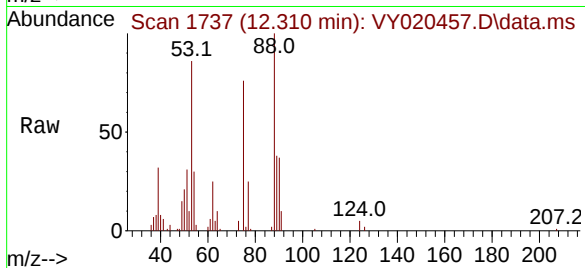




#81
trans-1,4-Dichloro-2-butene
Concen: 18.592 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

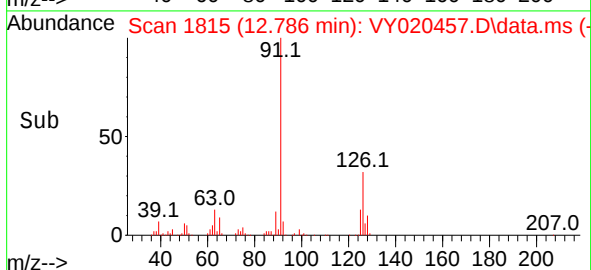
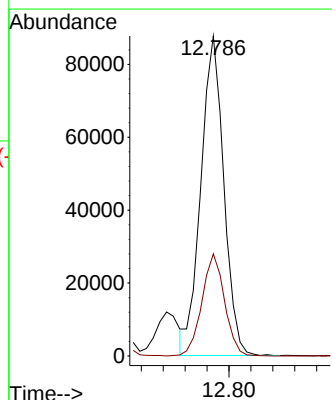
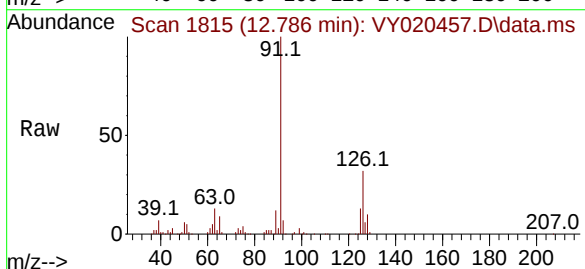
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

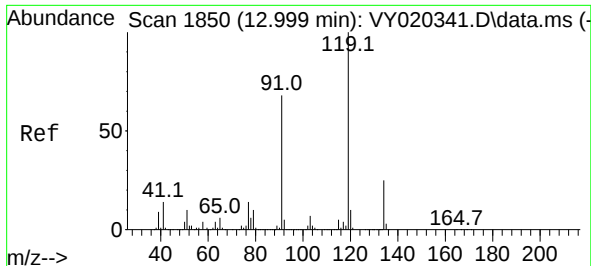
Tgt Ion: 75 Resp: 8921
Ion Ratio Lower Upper
75 100
53 103.5 81.1 121.7
89 45.0 35.1 52.7



#82
4-Chlorotoluene
Concen: 21.152 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 11:37

Tgt Ion: 91 Resp: 127291
Ion Ratio Lower Upper
91 100
126 31.6 16.6 49.8





#83

tert-Butylbenzene

Concen: 22.230 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

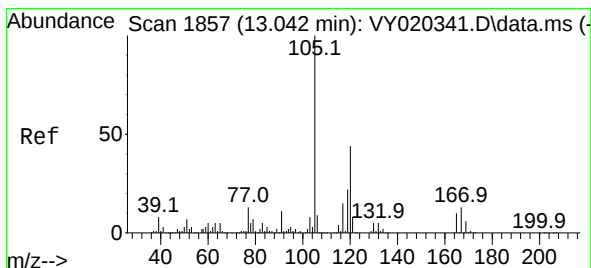
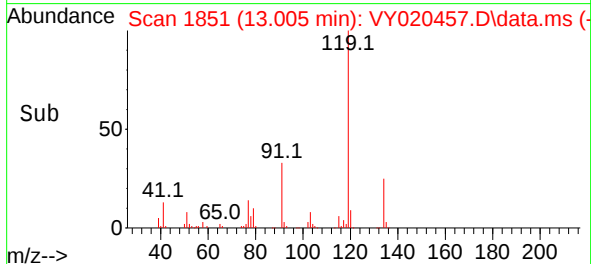
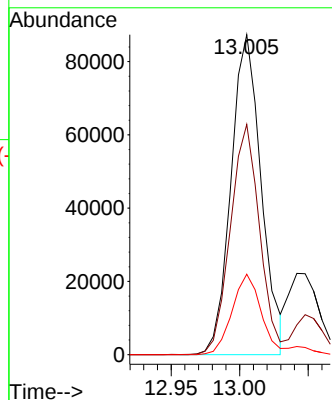
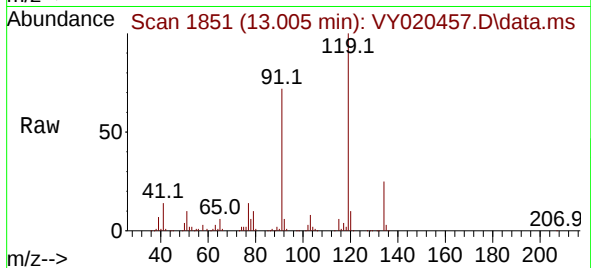
Tgt Ion:119 Resp: 133972

Ion Ratio Lower Upper

119 100

91 69.6 33.3 99.9

134 24.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.580 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY020457.D

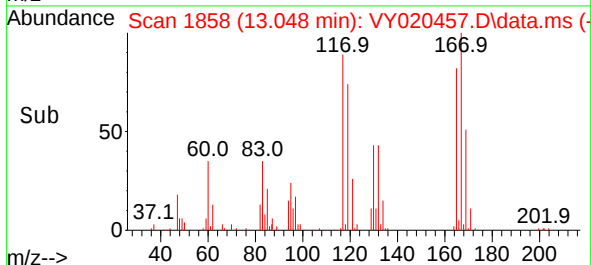
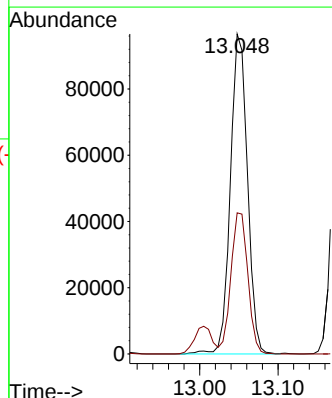
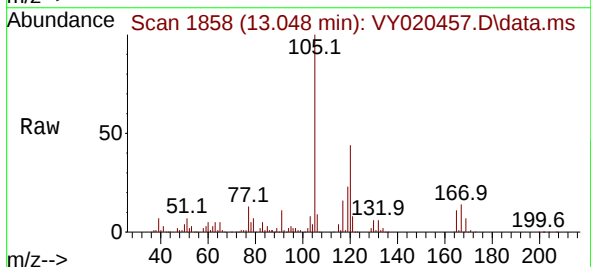
Acq: 27 Nov 2024 11:37

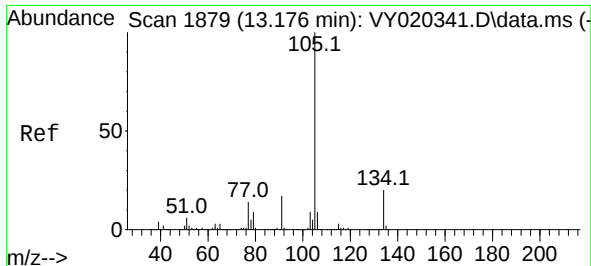
Tgt Ion:105 Resp: 146110

Ion Ratio Lower Upper

105 100

120 43.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.735 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

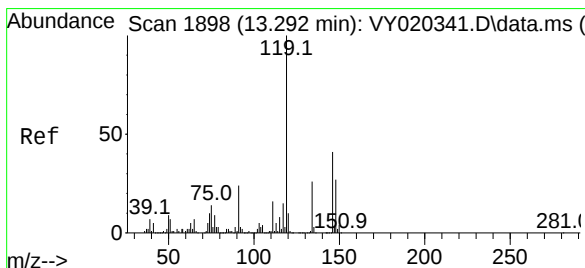
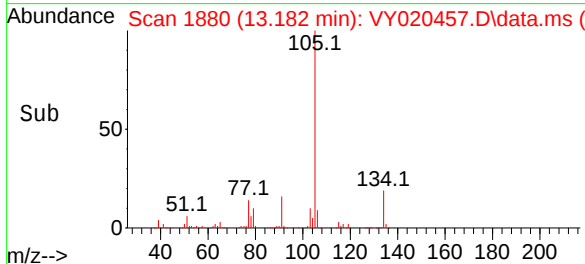
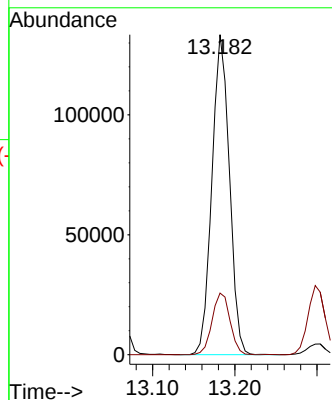
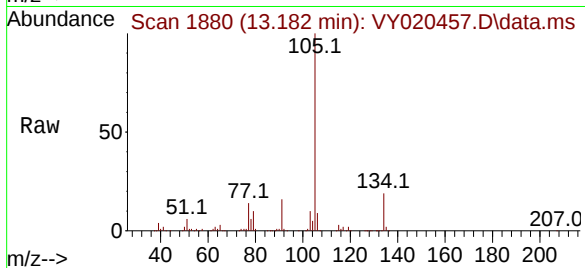
VY1127SBS01

Tgt Ion:105 Resp: 197007

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 22.186 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

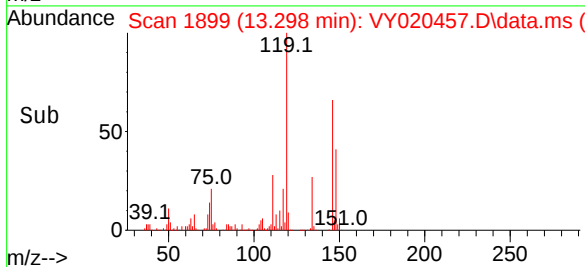
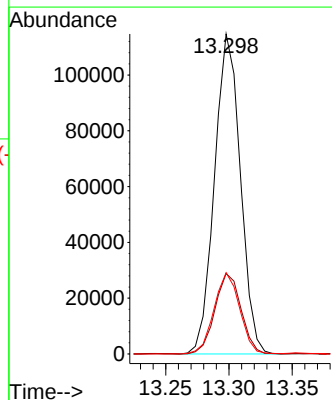
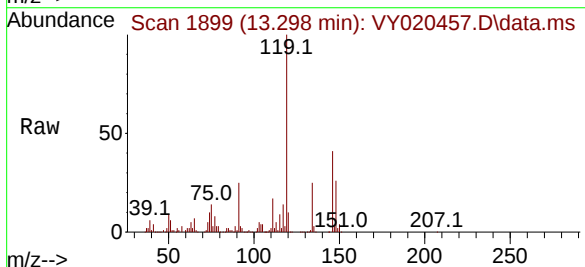
Tgt Ion:119 Resp: 162975

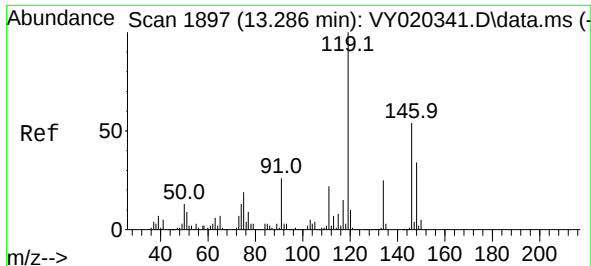
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 25.1 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 20.910 ug/l

RT: 13.298 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

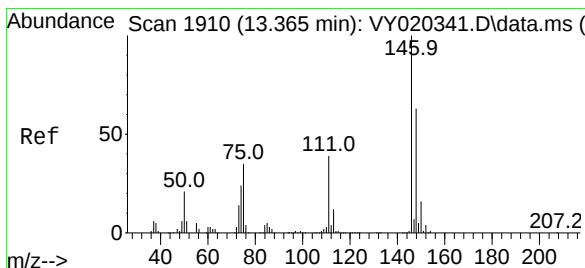
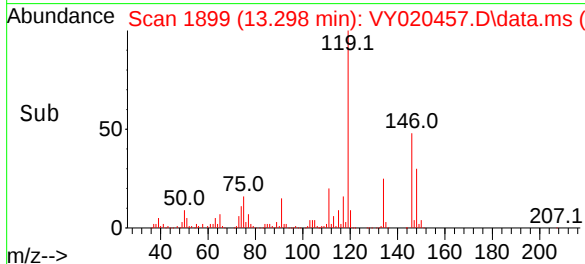
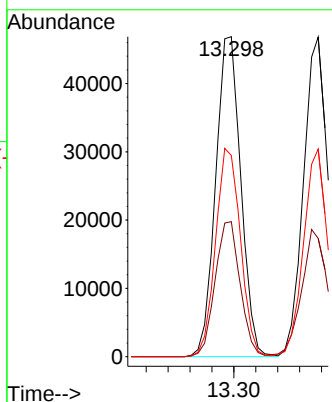
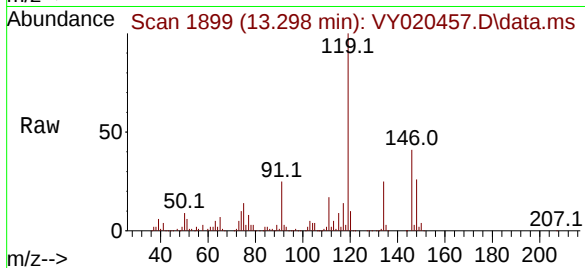
Tgt Ion:146 Resp: 74852

Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.6

148 64.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 21.355 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

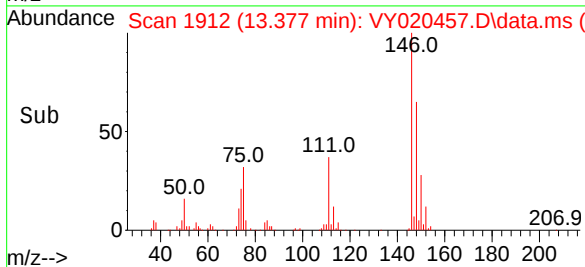
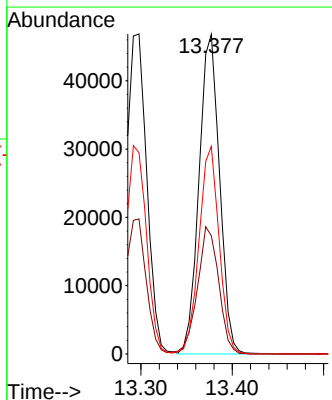
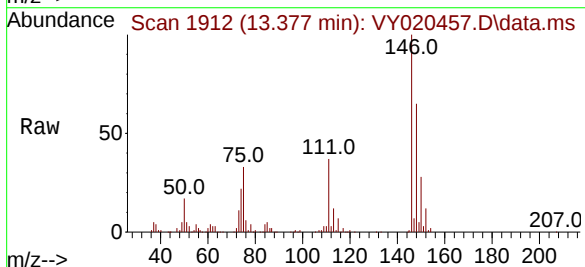
Tgt Ion:146 Resp: 73041

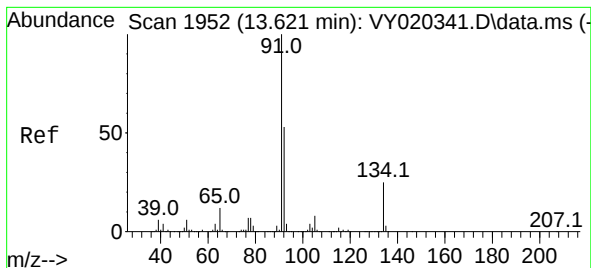
Ion Ratio Lower Upper

146 100

111 41.2 19.9 59.6

148 63.5 32.0 96.2





#89

n-Butylbenzene

Concen: 21.526 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

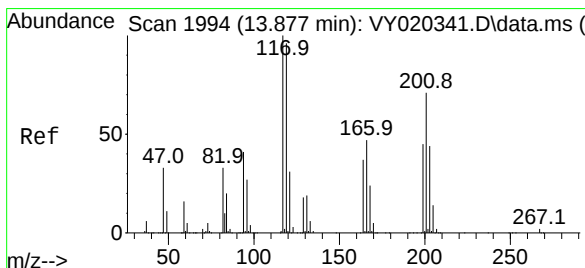
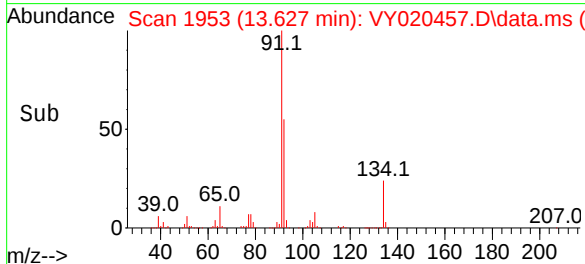
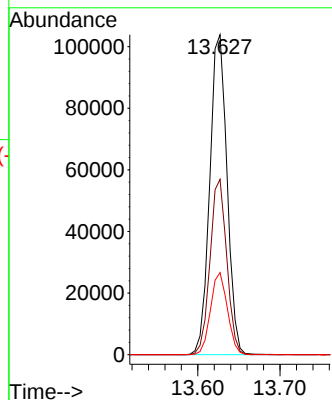
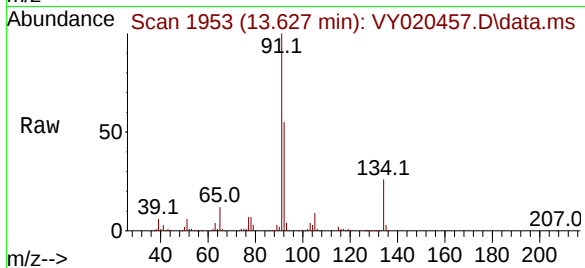
Tgt Ion: 91 Resp: 151428

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 25.1 12.2 36.4



#90

Hexachloroethane

Concen: 21.265 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.012 min

Lab File: VY020457.D

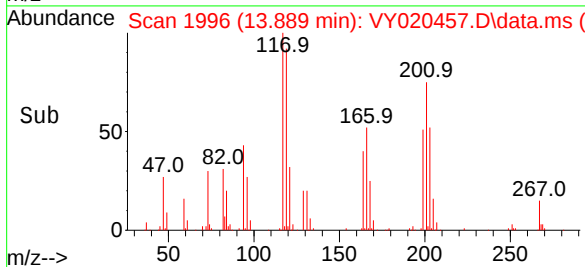
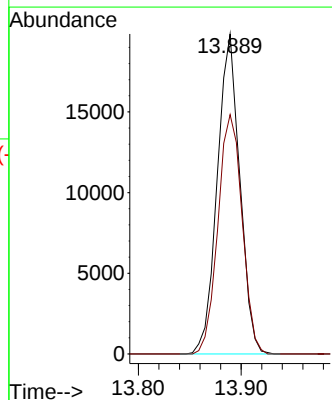
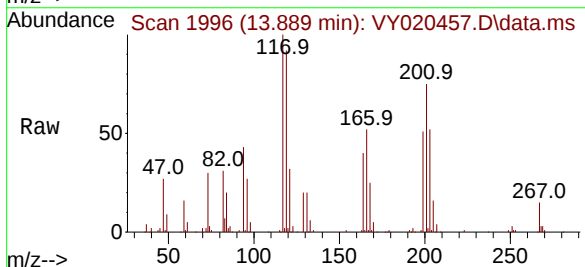
Acq: 27 Nov 2024 11:37

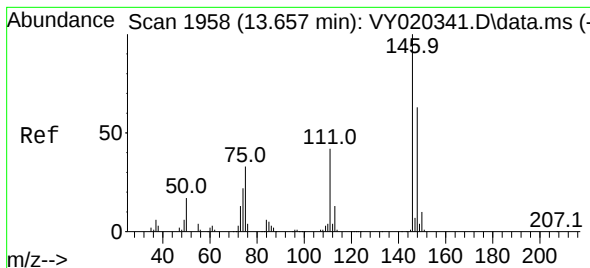
Tgt Ion: 117 Resp: 30150

Ion Ratio Lower Upper

117 100

201 80.2 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 20.754 ug/l

RT: 13.670 min Scan# 1958

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

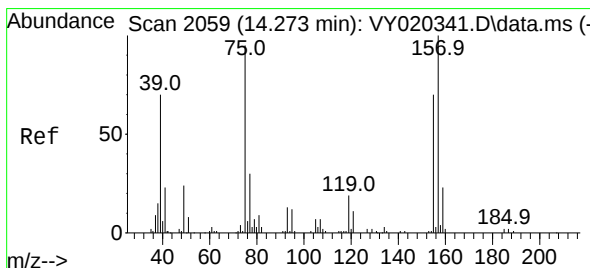
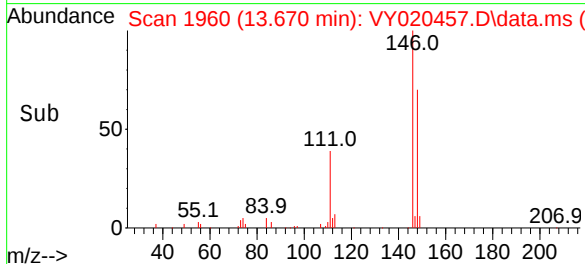
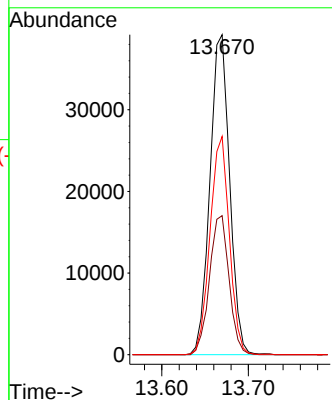
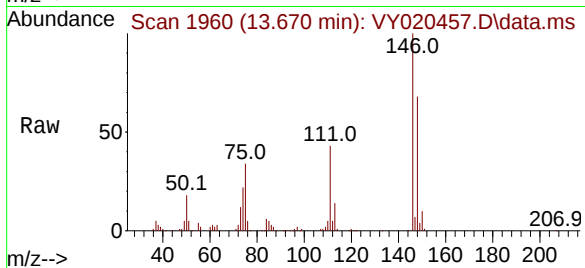
Tgt Ion:146 Resp: 61900

Ion Ratio Lower Upper

146 100

111 43.3 20.8 62.5

148 66.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.483 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

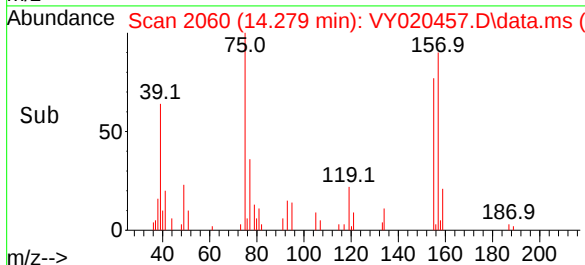
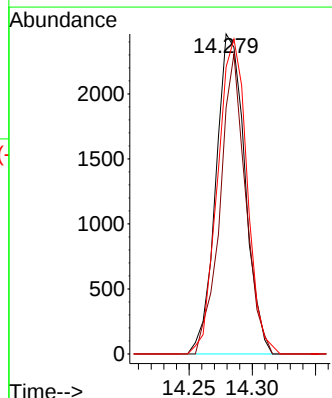
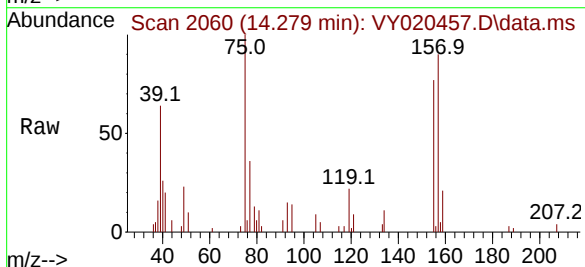
Tgt Ion: 75 Resp: 3918

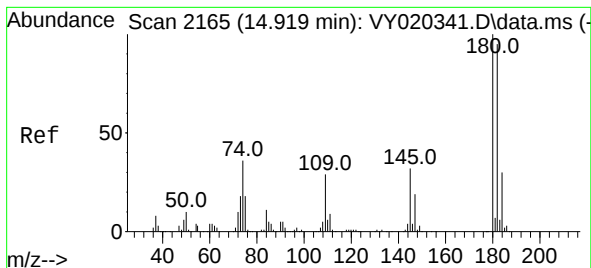
Ion Ratio Lower Upper

75 100

155 82.0 39.7 119.1

157 99.7 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 19.683 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

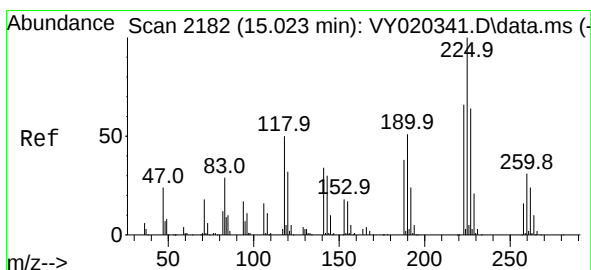
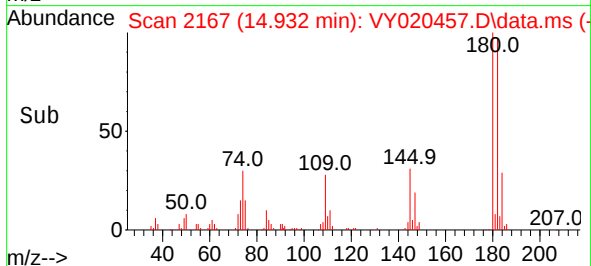
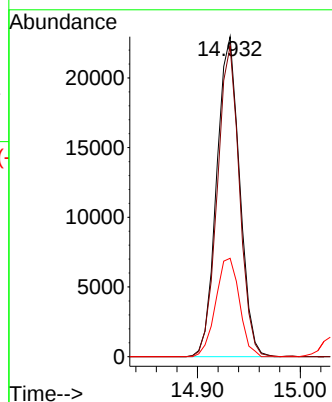
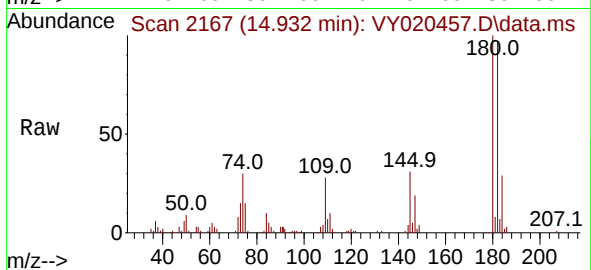
Tgt Ion:180 Resp: 35495

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.8

145 31.9 15.8 47.3



#94

Hexachlorobutadiene

Concen: 23.200 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

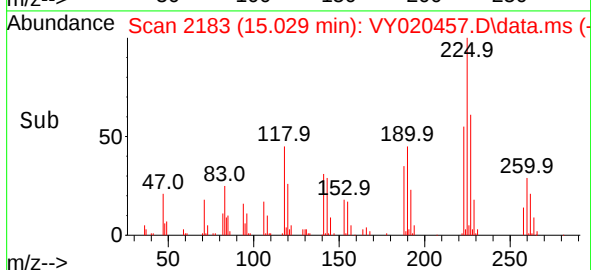
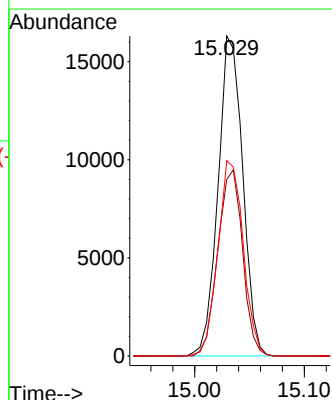
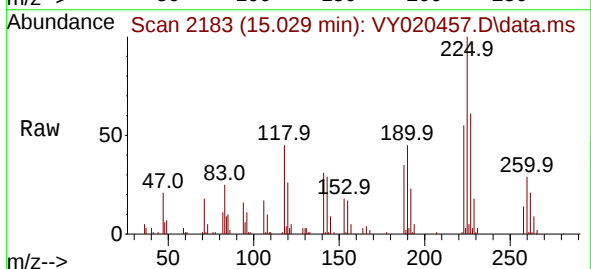
Tgt Ion:225 Resp: 25538

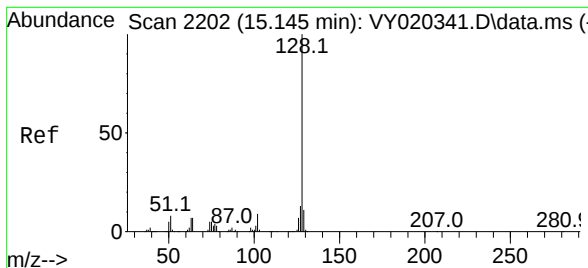
Ion Ratio Lower Upper

225 100

223 58.5 31.9 95.5

227 62.6 32.3 96.8





#95

Naphthalene

Concen: 17.992 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

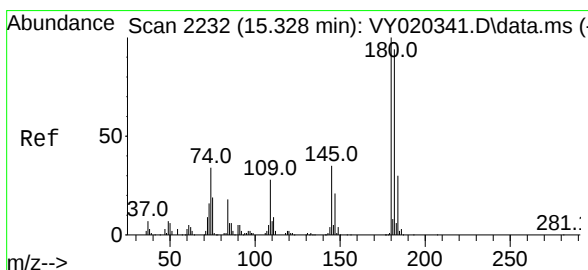
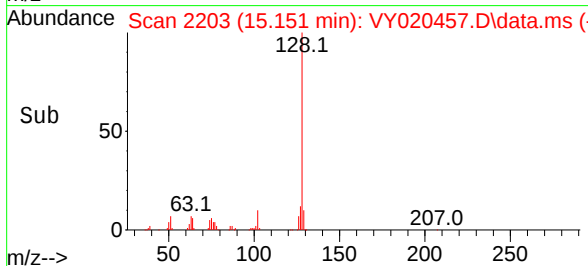
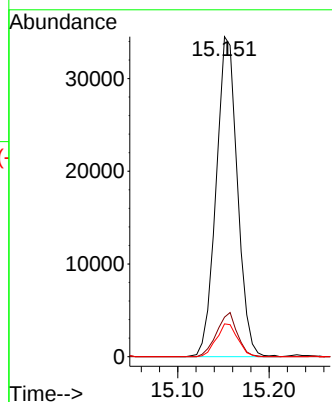
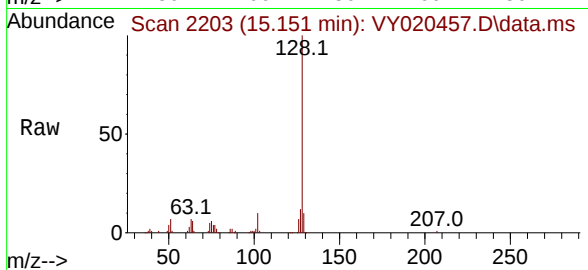
Tgt Ion:128 Resp: 55878

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.497 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 11:37

Tgt Ion:180 Resp: 28521

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.3

145 32.2 16.9 50.6

