

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019535.D
 Acq On : 13 Sep 2024 12:15
 Operator : SY/MD
 Sample : VY0913SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0913SBS01

Quant Time: Sep 13 23:30:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	446976	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	768674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	651548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	303958	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218089	52.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.380%	
35) Dibromofluoromethane	7.628	113	221425	50.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.620%	
50) Toluene-d8	10.103	98	823144	51.063	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	12.407	95	290897	46.932	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	60601	22.558	ug/l	99
3) Chloromethane	2.068	50	72432	19.586	ug/l	97
4) Vinyl Chloride	2.208	62	83602	20.907	ug/l	97
5) Bromomethane	2.592	94	57978	23.604	ug/l	96
6) Chloroethane	2.732	64	56615	21.657	ug/l	93
7) Trichlorofluoromethane	3.062	101	137506	20.628	ug/l	96
8) Diethyl Ether	3.452	74	42702	19.084	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.811	101	80983	19.639	ug/l	97
10) Methyl Iodide	4.000	142	95213	18.009	ug/l	92
11) Tert butyl alcohol	4.866	59	32261	96.518	ug/l	# 75
12) 1,1-Dichloroethene	3.787	96	74897	18.886	ug/l	90
13) Acrolein	3.653	56	23416	139.168	ug/l	98
14) Allyl chloride	4.378	41	129474	18.206	ug/l	# 93
15) Acrylonitrile	5.055	53	90324	93.621	ug/l	98
16) Acetone	3.866	43	103629	105.097	ug/l	# 86
17) Carbon Disulfide	4.104	76	183160	17.094	ug/l	100
18) Methyl Acetate	4.385	43	41383	15.465	ug/l	94
19) Methyl tert-butyl Ether	5.110	73	221729	19.741	ug/l	99
20) Methylene Chloride	4.610	84	92744	20.624	ug/l	# 83
21) trans-1,2-Dichloroethene	5.110	96	82575	18.997	ug/l	83
22) Diisopropyl ether	6.012	45	281223	19.257	ug/l	92
23) Vinyl Acetate	5.957	43	809913	97.094	ug/l	94
24) 1,1-Dichloroethane	5.909	63	159730	19.492	ug/l	96
25) 2-Butanone	6.890	43	137430	97.997	ug/l	88
26) 2,2-Dichloropropane	6.884	77	145539	19.689	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	103375	19.578	ug/l	89
28) Bromochloromethane	7.238	49	68107	19.753	ug/l	86
29) Tetrahydrofuran	7.262	42	76771	90.036	ug/l	89
30) Chloroform	7.414	83	170301	20.357	ug/l	99
31) Cyclohexane	7.701	56	133500	18.023	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	148565	19.813	ug/l	97
36) 1,1-Dichloropropene	7.835	75	113402	19.122	ug/l	96
37) Ethyl Acetate	6.982	43	58400	19.220	ug/l	95
38) Carbon Tetrachloride	7.817	117	131156	19.612	ug/l	97
39) Methylcyclohexane	9.109	83	143395	18.170	ug/l	# 89
40) Benzene	8.079	78	349721	19.146	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	31409	17.733	ug/l	90
42) 1,2-Dichloroethane	8.158	62	96924	19.720	ug/l	97
43) Isopropyl Acetate	8.195	43	116425	18.238	ug/l	91
44) Trichloroethene	8.865	130	88935	18.932	ug/l	92
45) 1,2-Dichloropropane	9.140	63	85647	19.180	ug/l	98
46) Dibromomethane	9.231	93	47346	19.389	ug/l	94
47) Bromodichloromethane	9.420	83	130249	19.842	ug/l #	99
48) Methyl methacrylate	9.219	41	52727	17.491	ug/l	85
49) 1,4-Dioxane	9.231	88	11396	396.421	ug/l #	99
51) 4-Methyl-2-Pentanone	9.999	43	295608	92.044	ug/l	93
52) Toluene	10.170	92	225396	19.187	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	118636	18.959	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	135221	18.558	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	65095	19.303	ug/l	95
56) Ethyl methacrylate	10.438	69	95160	18.576	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	109889	18.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	240868	101.308	ug/l	98
59) 2-Hexanone	10.761	43	222943	94.687	ug/l	89
60) Dibromochloromethane	10.914	129	85493	19.165	ug/l	99
61) 1,2-Dibromoethane	11.011	107	58055	18.477	ug/l	99
64) Tetrachloroethene	10.646	164	74728	18.521	ug/l	96
65) Chlorobenzene	11.444	112	248435	19.384	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	86419	19.475	ug/l	99
67) Ethyl Benzene	11.517	91	445229	19.551	ug/l	100
68) m/p-Xylenes	11.627	106	332346	38.596	ug/l	92
69) o-Xylene	11.956	106	162490	19.296	ug/l	94
70) Styrene	11.969	104	272625	19.175	ug/l	96
71) Bromoform	12.133	173	47819	18.867	ug/l #	96
73) Isopropylbenzene	12.255	105	434570	19.707	ug/l	99
74) N-amyl acetate	12.072	43	109948	18.333	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	74365	19.000	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	97765	34.316	ug/l #	100
77) Bromobenzene	12.529	156	93609	19.140	ug/l	90
78) n-propylbenzene	12.596	91	516534	19.763	ug/l	100
79) 2-Chlorotoluene	12.682	91	300657	19.739	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	355371	19.824	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	25677	17.302	ug/l	89
82) 4-Chlorotoluene	12.779	91	303742	19.397	ug/l	97
83) tert-Butylbenzene	12.999	119	327986	20.210	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	351309	19.798	ug/l	97
85) sec-Butylbenzene	13.176	105	465151	19.730	ug/l	100
86) p-Isopropyltoluene	13.291	119	384722	19.945	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	186133	19.586	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	187325	19.862	ug/l	96
89) n-Butylbenzene	13.615	91	365702	19.832	ug/l	99
90) Hexachloroethane	13.877	117	78230	19.492	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	165360	19.499	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11765	18.036	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	94292	18.282	ug/l	97
94) Hexachlorobutadiene	15.023	225	50831	18.448	ug/l	98
95) Naphthalene	15.139	128	180912	17.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	78378	17.766	ug/l	96

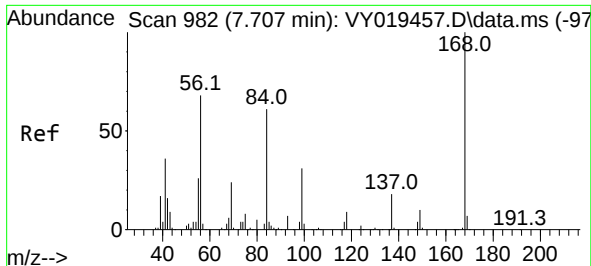
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
Data File : VY019535.D
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

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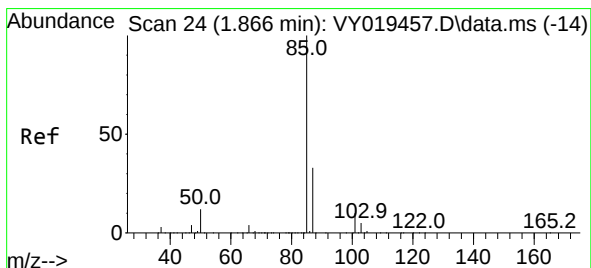
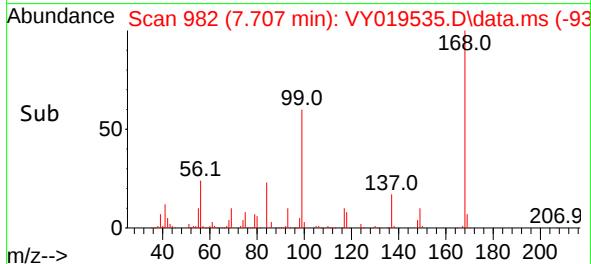
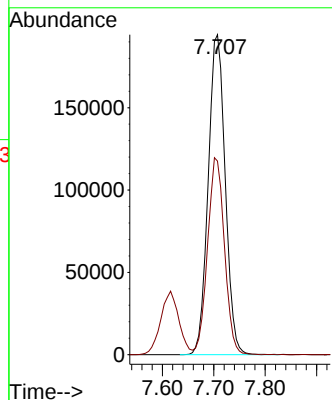
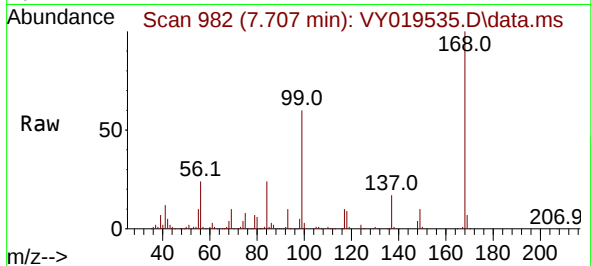
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

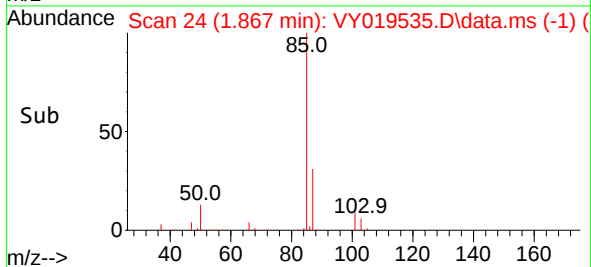
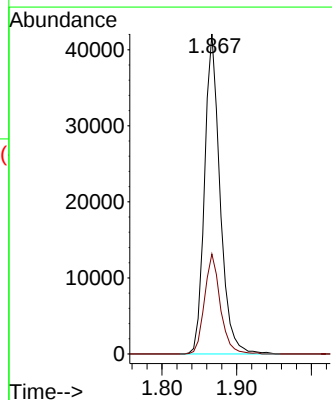
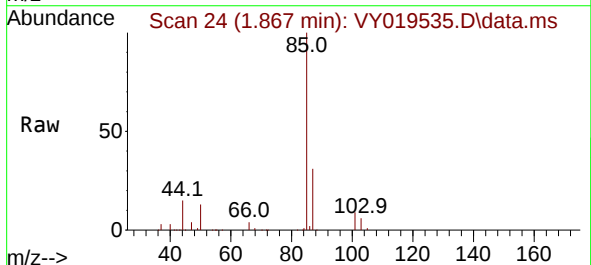
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

Tgt Ion:168 Resp: 446976
Ion Ratio Lower Upper
168 100
99 60.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 22.558 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 85 Resp: 60601
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0

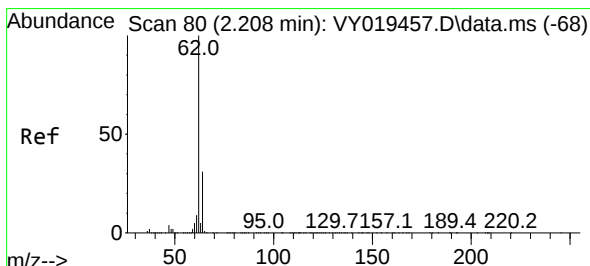
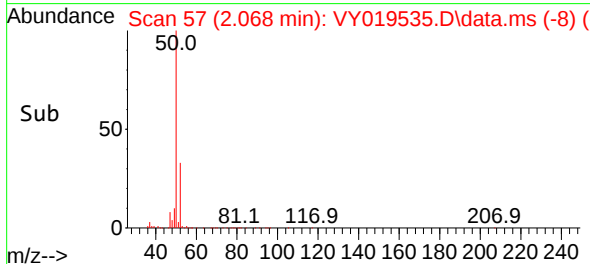
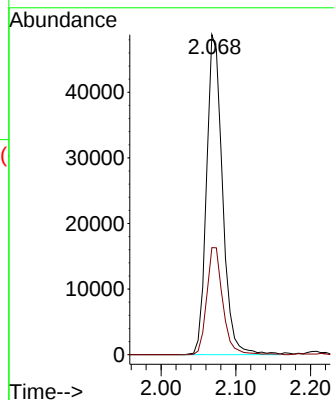
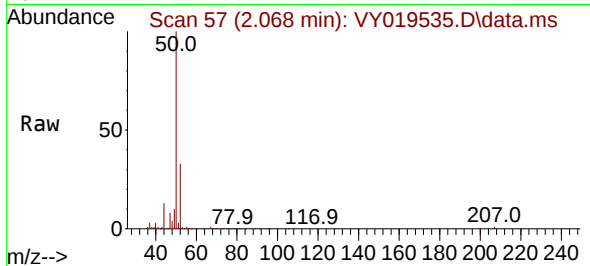




#3
Chloromethane
Concen: 19.586 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

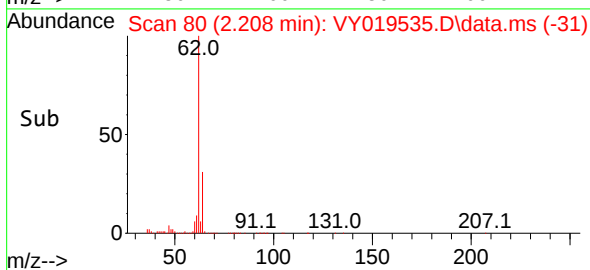
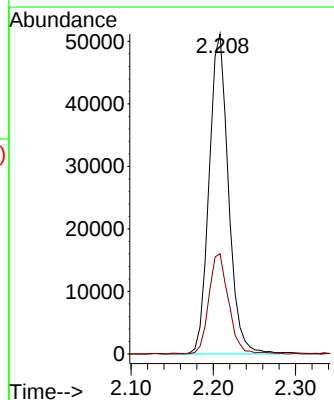
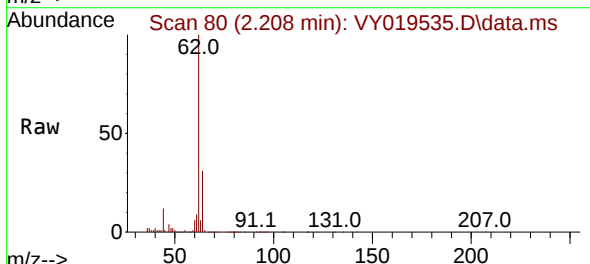
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBS01

Tgt Ion: 50 Resp: 72432
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 20.907 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 62 Resp: 83602
Ion Ratio Lower Upper
62 100
64 31.2 26.1 39.1

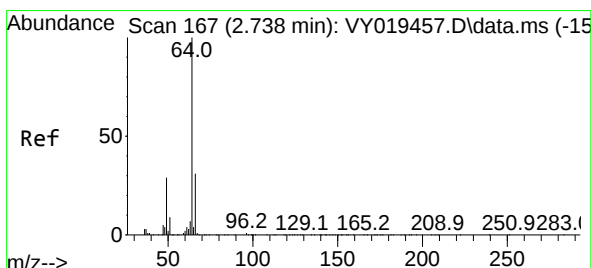
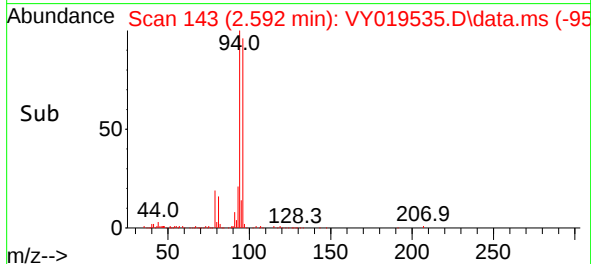
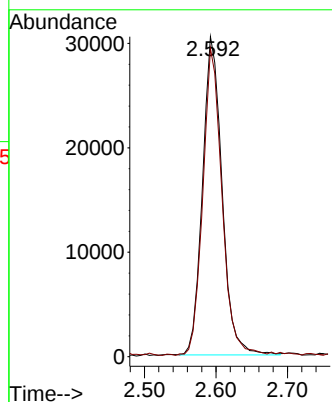
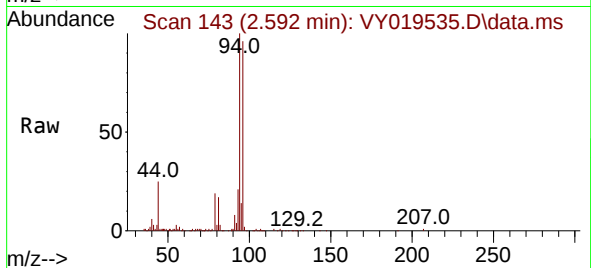




#5
Bromomethane
Concen: 23.604 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

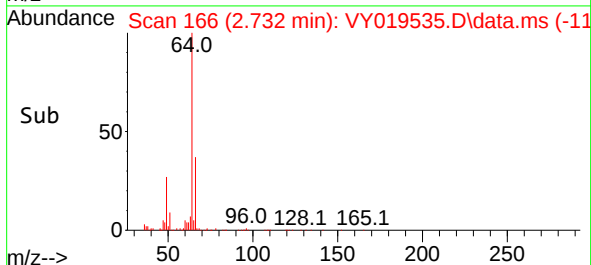
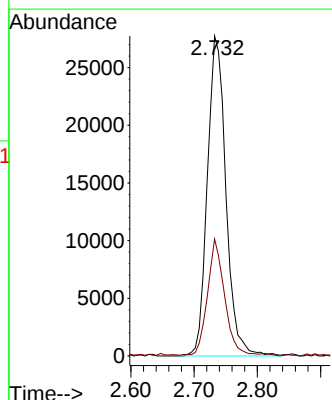
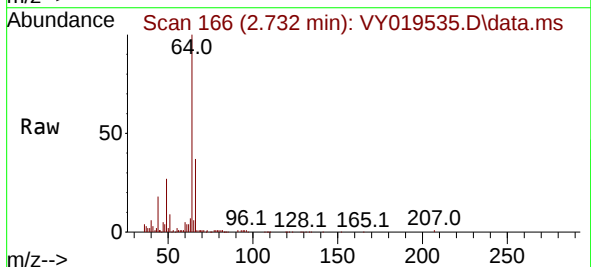
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

Tgt Ion: 94 Resp: 57978
Ion Ratio Lower Upper
94 100
96 96.0 74.1 111.1



#6
Chloroethane
Concen: 21.657 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 64 Resp: 56615
Ion Ratio Lower Upper
64 100
66 36.5 26.1 39.1

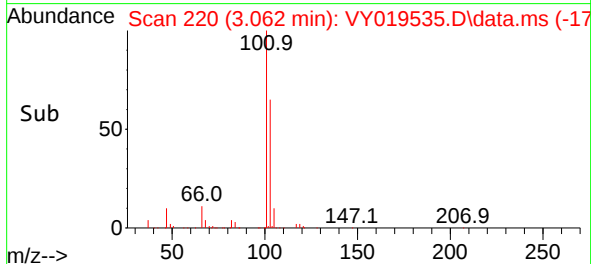
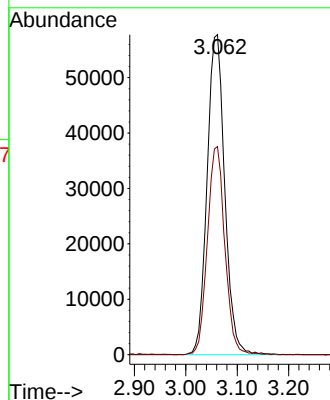
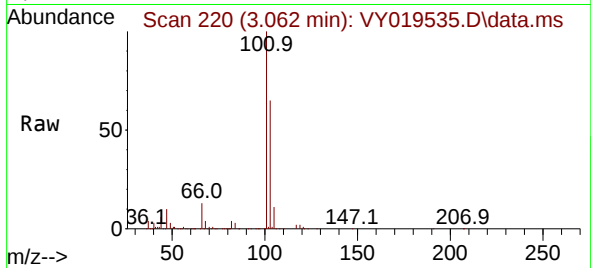




#7
Trichlorofluoromethane
Concen: 20.628 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

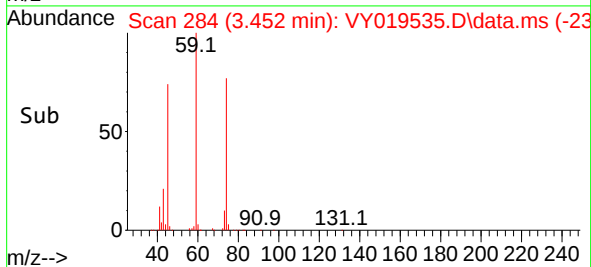
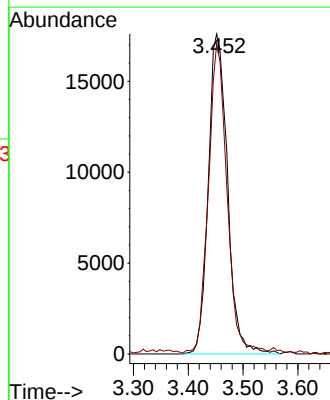
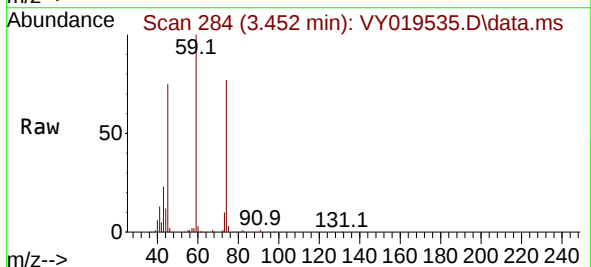
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

Tgt Ion:101 Resp: 137506
Ion Ratio Lower Upper
101 100
103 65.0 49.3 73.9



#8
Diethyl Ether
Concen: 19.084 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 74 Resp: 42702
Ion Ratio Lower Upper
74 100
45 93.5 41.3 124.1

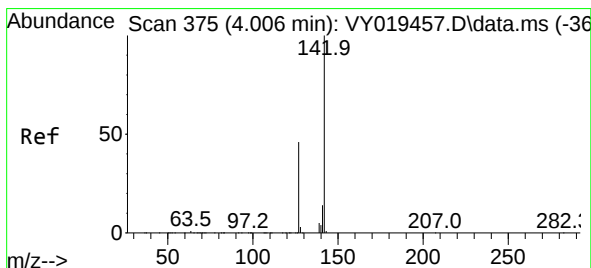
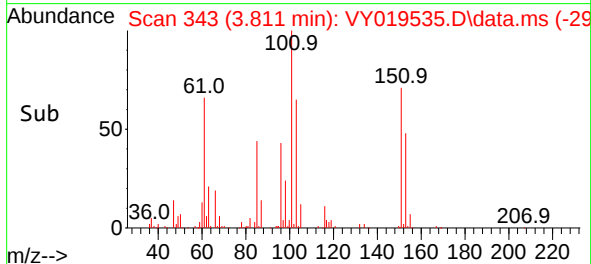
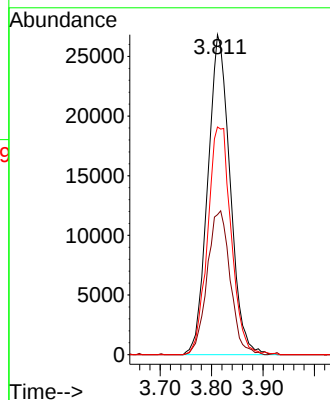
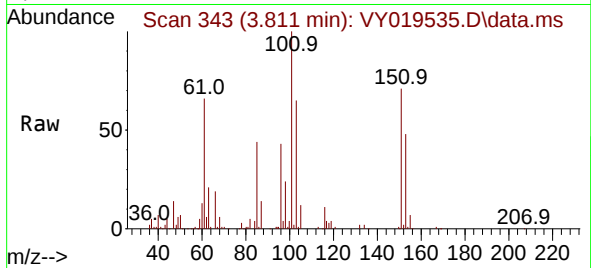




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.639 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

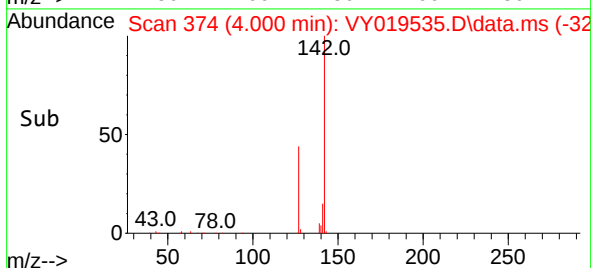
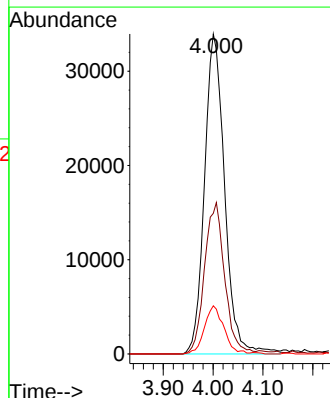
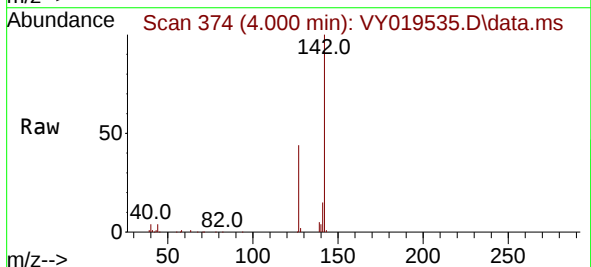
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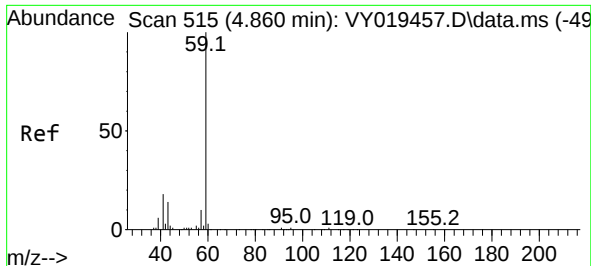
Tgt Ion:101 Resp: 80983
Ion Ratio Lower Upper
101 100
85 46.3 34.5 51.7
151 75.0 61.7 92.5



#10
Methyl Iodide
Concen: 18.009 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion:142 Resp: 95213
Ion Ratio Lower Upper
142 100
127 47.2 32.8 49.2
141 14.5 11.4 17.2

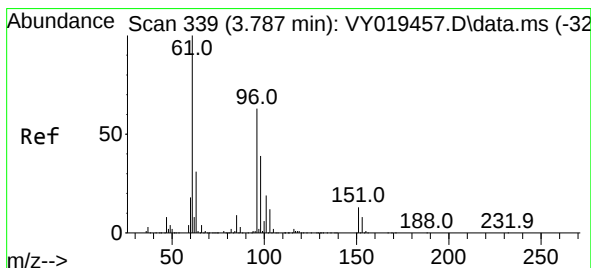
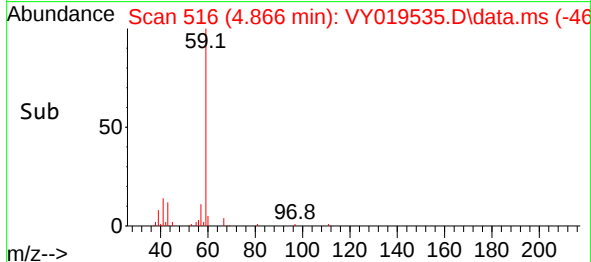
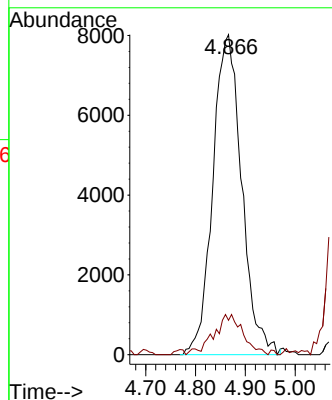
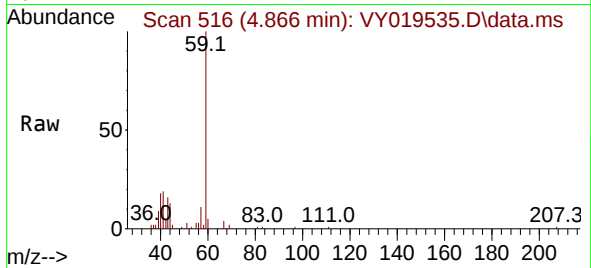




#11
Tert butyl alcohol
Concen: 96.518 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

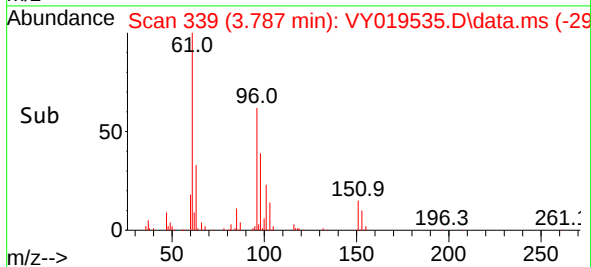
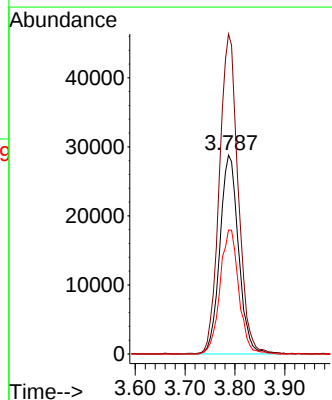
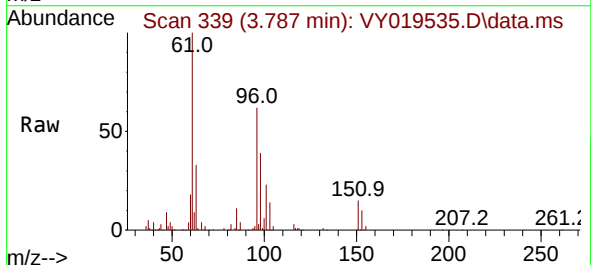
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBS01

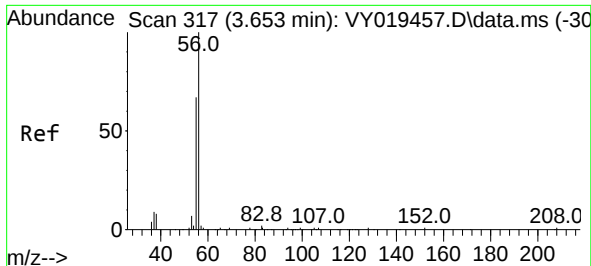
Tgt Ion: 59 Resp: 32261
Ion Ratio Lower Upper
59 100
57 11.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.886 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 96 Resp: 74897
Ion Ratio Lower Upper
96 100
61 160.9 114.6 171.8
98 62.4 50.8 76.2

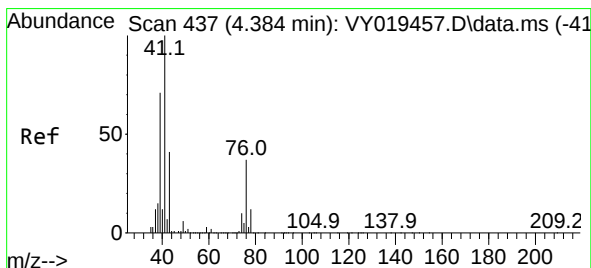
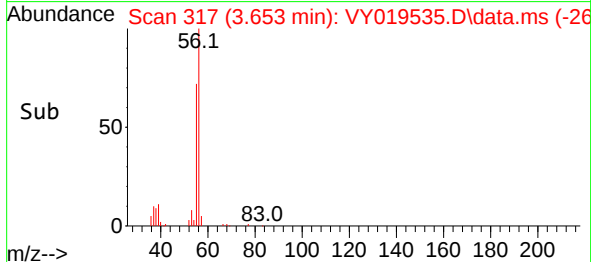
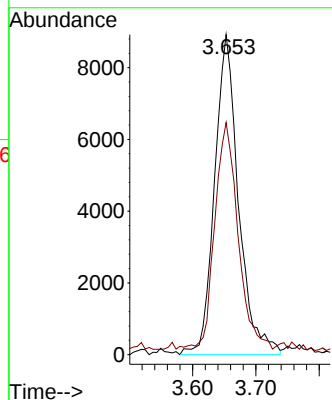
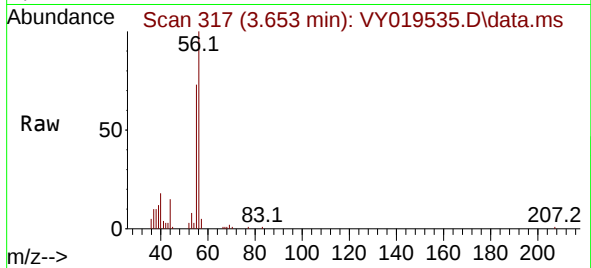




#13
Acrolein
Concen: 139.168 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

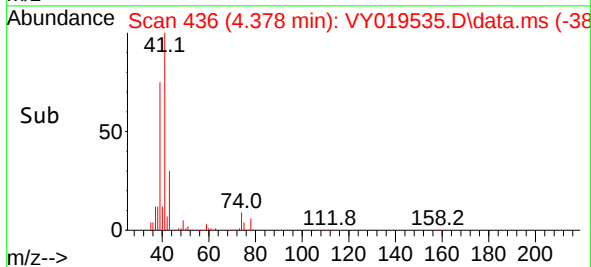
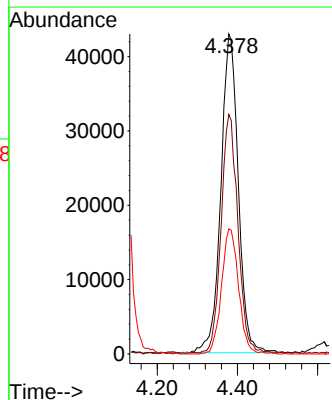
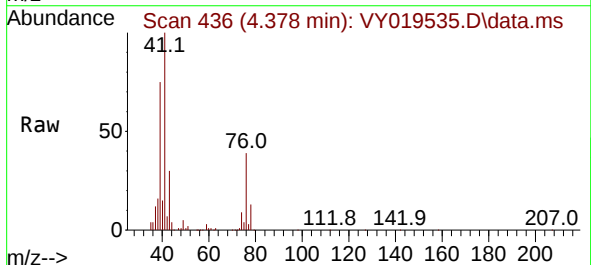
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBS01

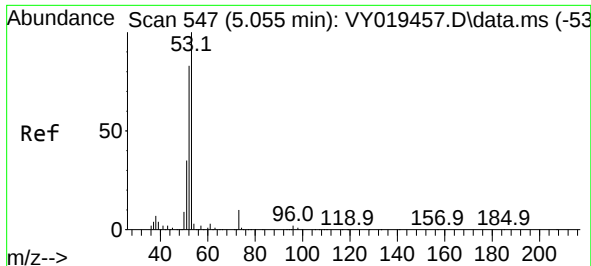
Tgt Ion: 56 Resp: 23416
Ion Ratio Lower Upper
56 100
55 68.4 55.7 83.5



#14
Allyl chloride
Concen: 18.206 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 41 Resp: 129474
Ion Ratio Lower Upper
41 100
39 71.9 58.3 87.5
76 38.6 39.0 58.6

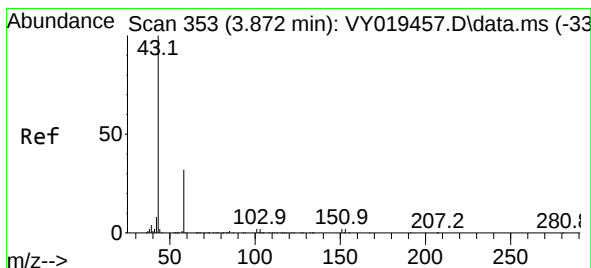
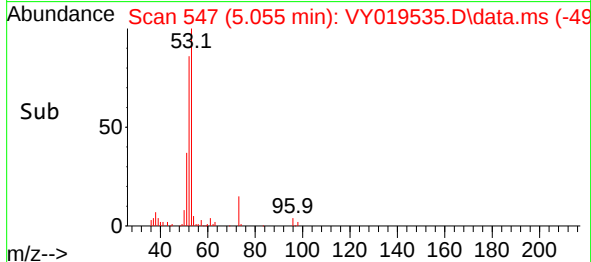
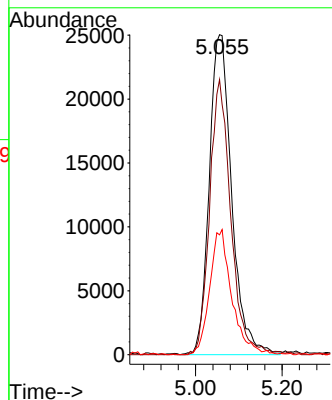
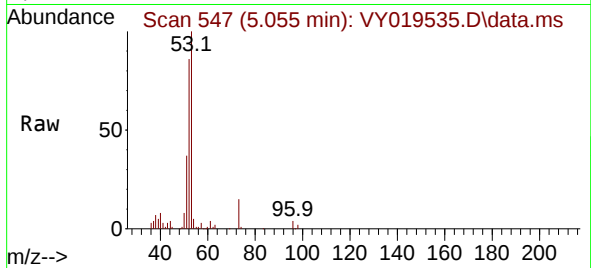




#15
Acrylonitrile
Concen: 93.621 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

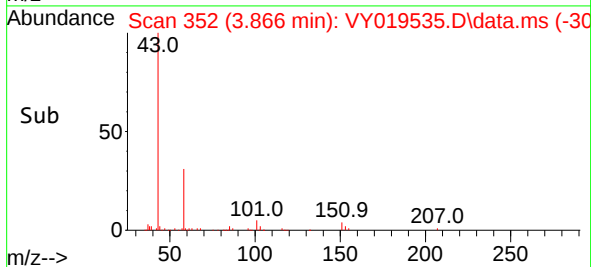
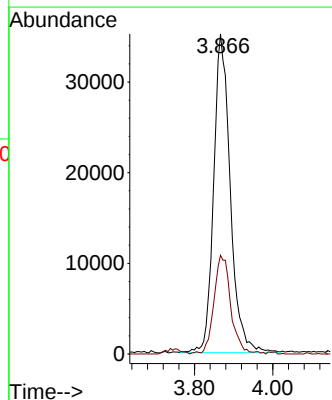
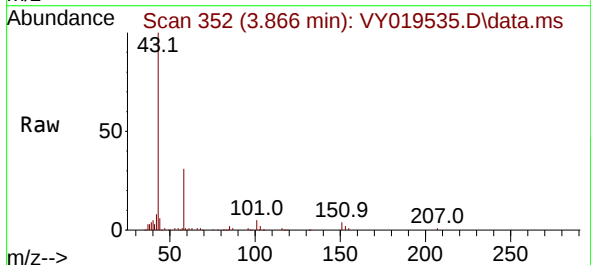
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

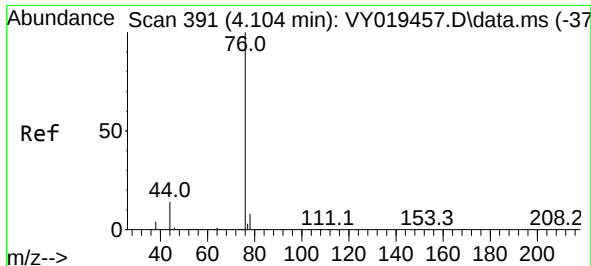
Tgt Ion: 53 Resp: 90324
Ion Ratio Lower Upper
53 100
52 80.6 64.7 97.1
51 38.4 28.4 42.6



#16
Acetone
Concen: 105.097 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 43 Resp: 103629
Ion Ratio Lower Upper
43 100
58 31.0 31.7 47.5#

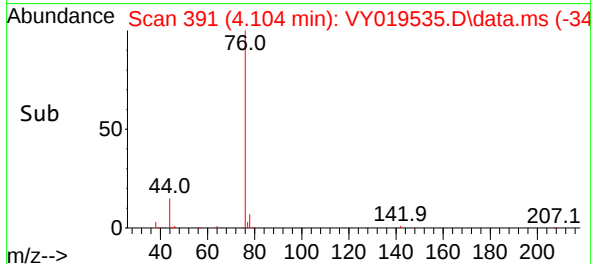
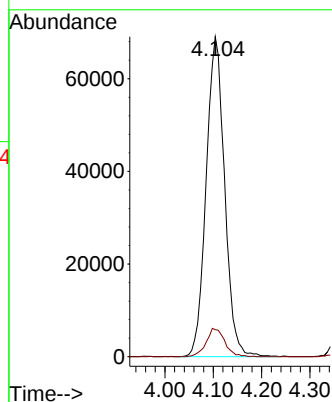
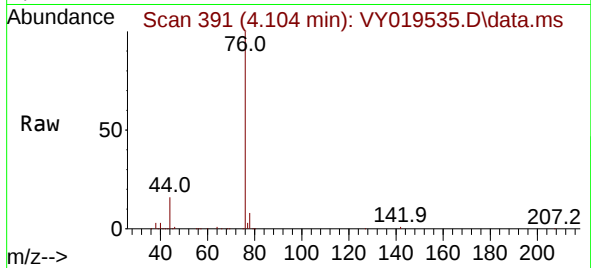




#17
Carbon Disulfide
Concen: 17.094 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

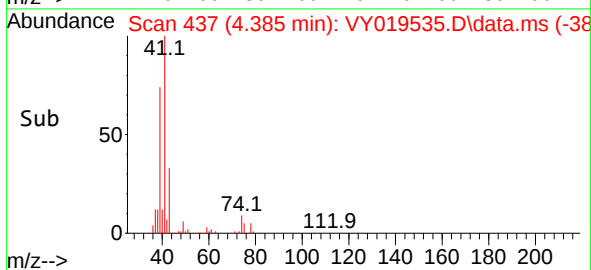
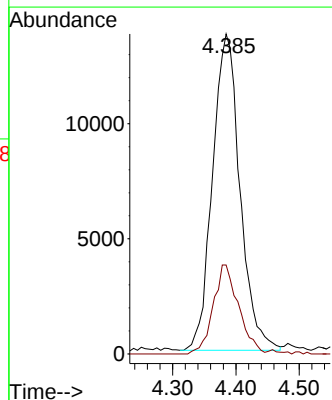
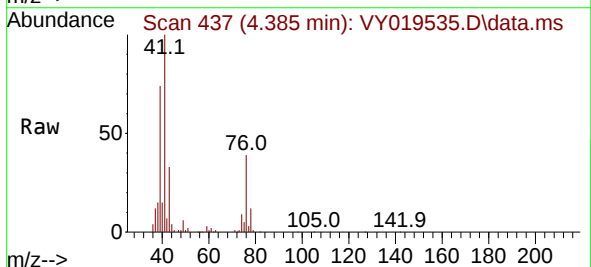
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

Tgt Ion: 76 Resp: 183160
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 15.465 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 43 Resp: 41383
Ion Ratio Lower Upper
43 100
74 26.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.741 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

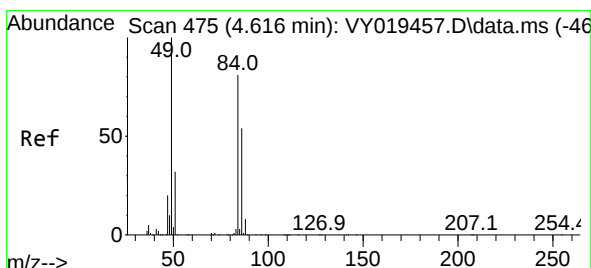
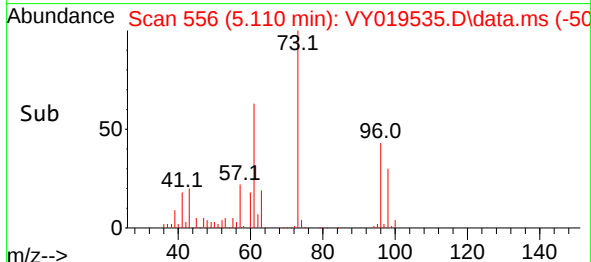
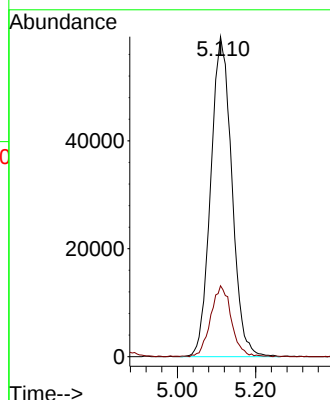
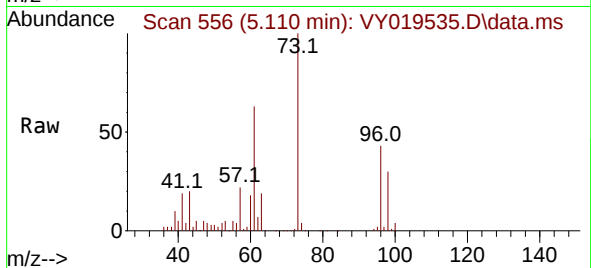
VY0913SBS01

Tgt Ion: 73 Resp: 221729

Ion Ratio Lower Upper

73 100

57 22.1 17.3 25.9



#20

Methylene Chloride

Concen: 20.624 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Tgt Ion: 84 Resp: 92744

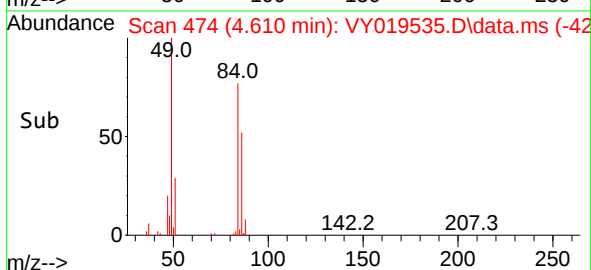
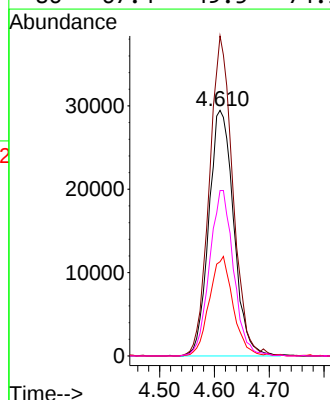
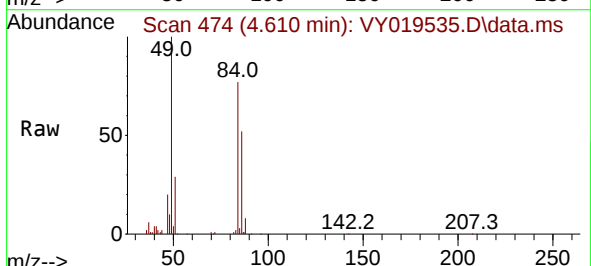
Ion Ratio Lower Upper

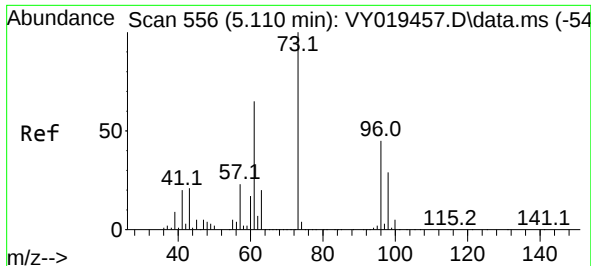
84 100

49 130.3 84.4 126.6

51 38.1 26.0 39.0

86 67.4 49.5 74.3

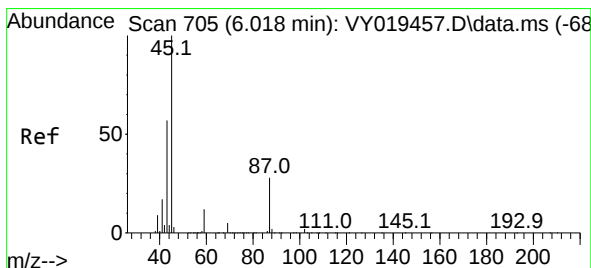
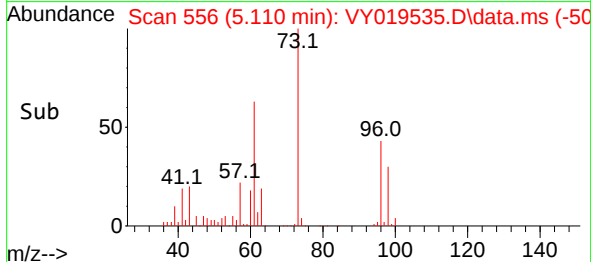
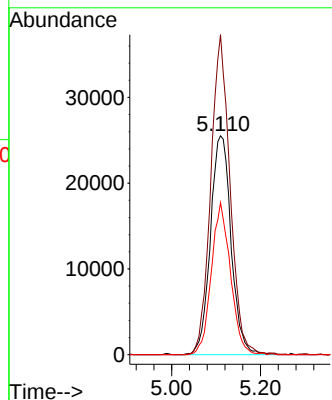
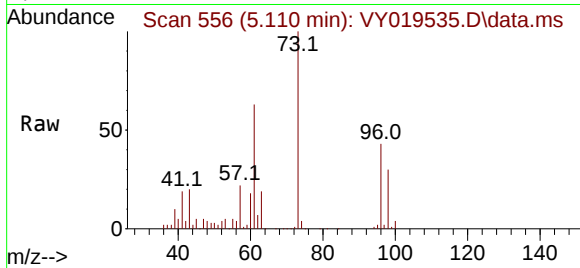




#21
trans-1,2-Dichloroethene
Concen: 18.997 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

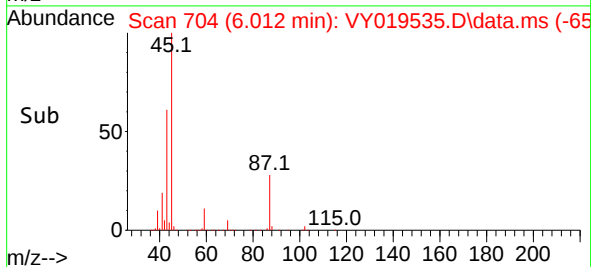
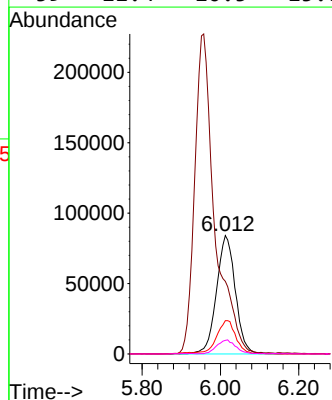
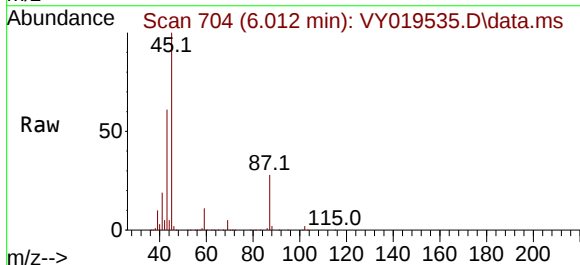
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

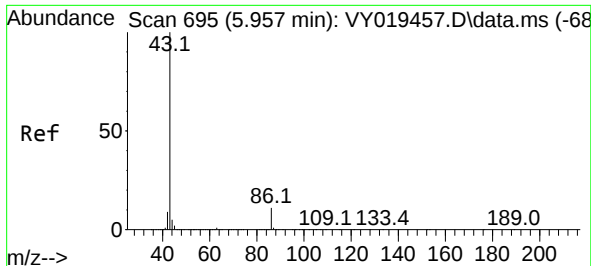
Tgt Ion: 96 Resp: 82575
Ion Ratio Lower Upper
96 100
61 146.2 97.5 146.3
98 69.4 50.5 75.7



#22
Diisopropyl ether
Concen: 19.257 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 45 Resp: 281223
Ion Ratio Lower Upper
45 100
43 60.2 42.2 63.2
87 28.1 25.0 37.6
59 11.4 10.5 15.7

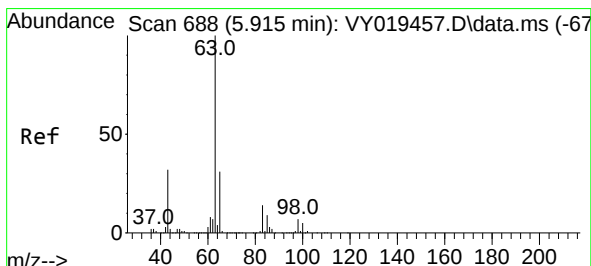
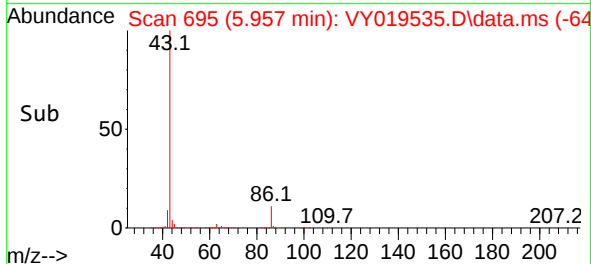
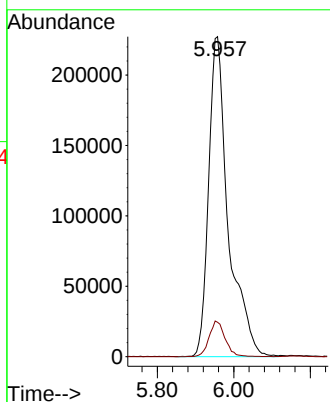
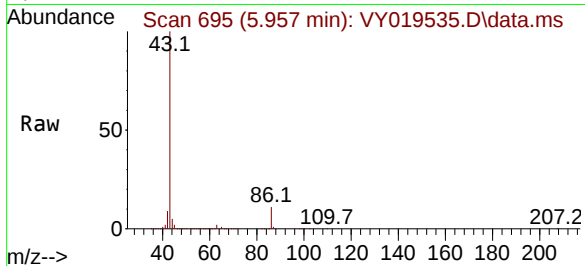




#23
 Vinyl Acetate
 Concen: 97.094 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019535.D
 Acq: 13 Sep 2024 12:15

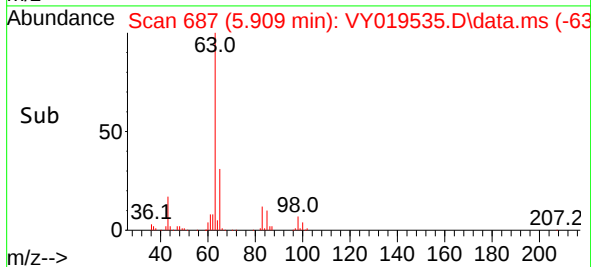
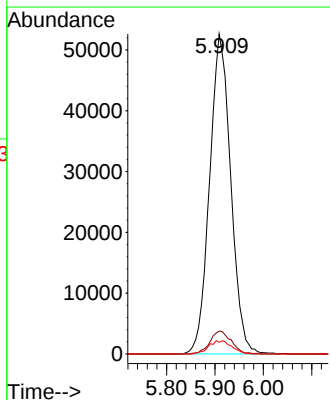
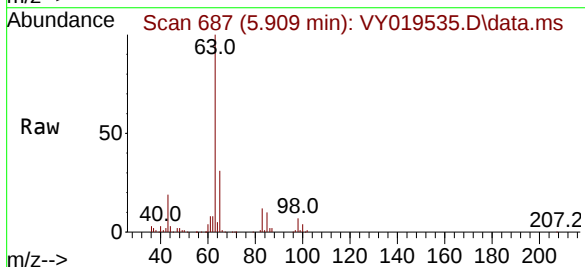
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0913SBSD01

Tgt Ion: 43 Resp: 809913
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.492 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019535.D
 Acq: 13 Sep 2024 12:15

Tgt Ion: 63 Resp: 159730
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.2
 100 3.6 2.6 8.0

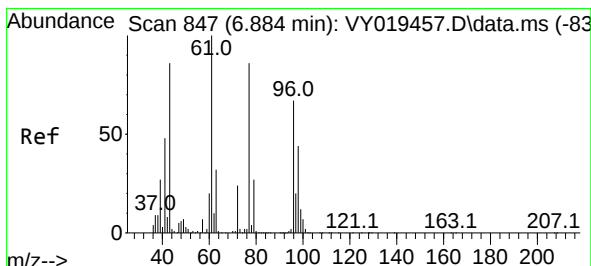
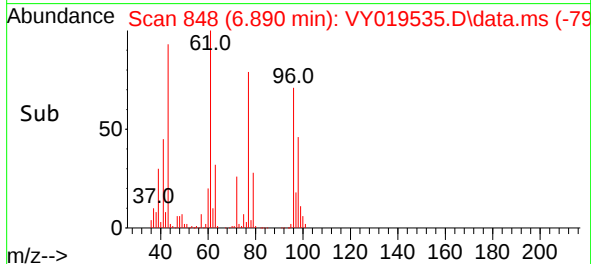
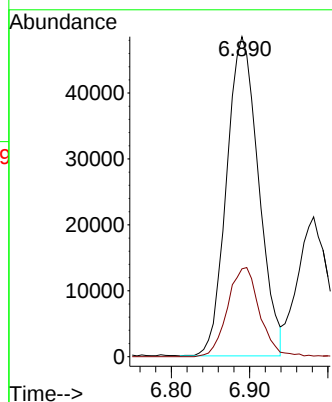
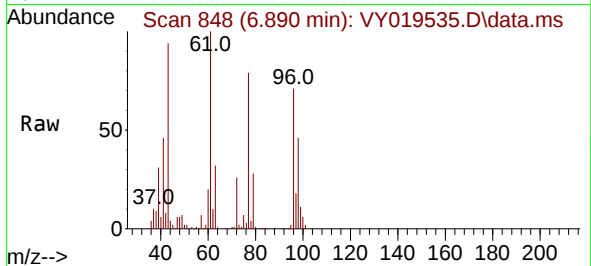




#25
2-Butanone
Concen: 97.997 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

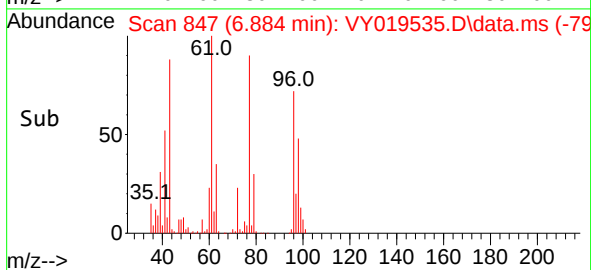
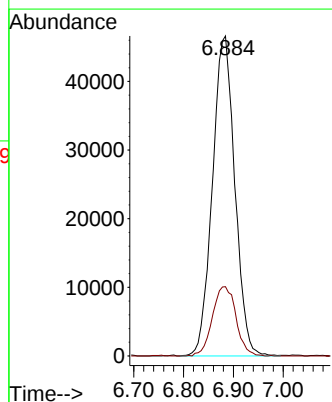
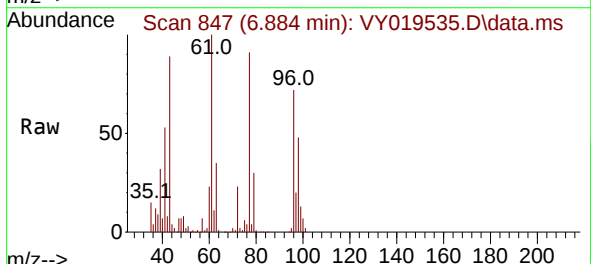
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBS01

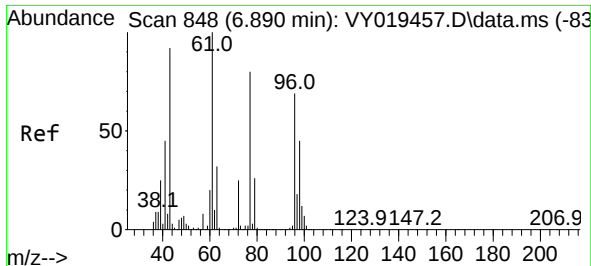
Tgt Ion: 43 Resp: 137430
Ion Ratio Lower Upper
43 100
72 27.5 27.3 40.9



#26
2,2-Dichloropropane
Concen: 19.689 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 77 Resp: 145539
Ion Ratio Lower Upper
77 100
97 22.8 12.0 36.1



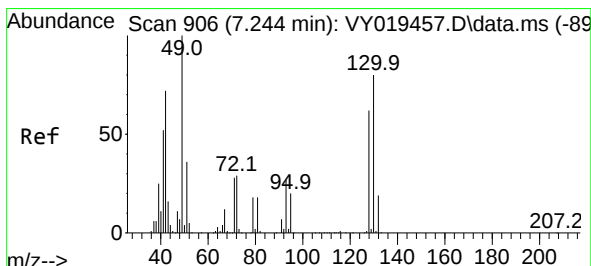
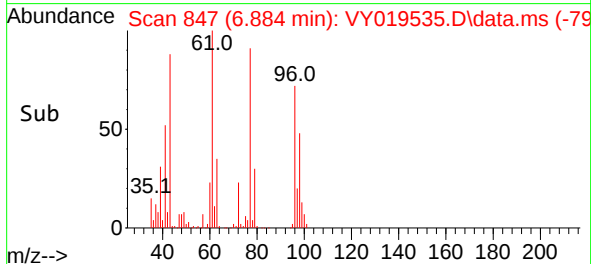
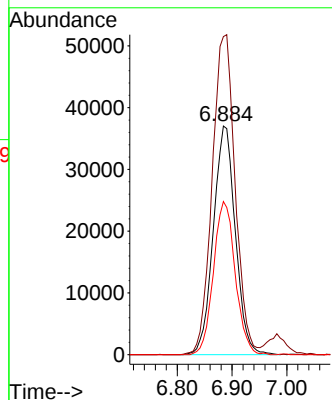
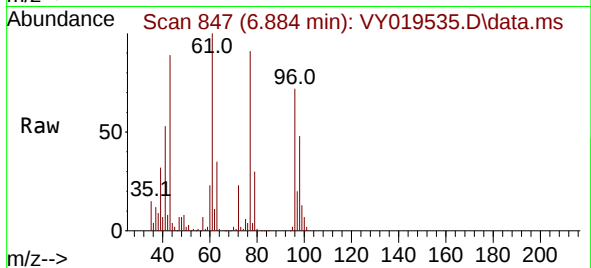


#27
 cis-1,2-Dichloroethene
 Concen: 19.578 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019535.D
 Acq: 13 Sep 2024 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0913SBSD01

Tgt Ion: 96 Resp: 103375

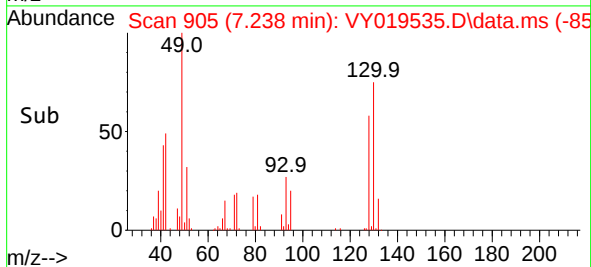
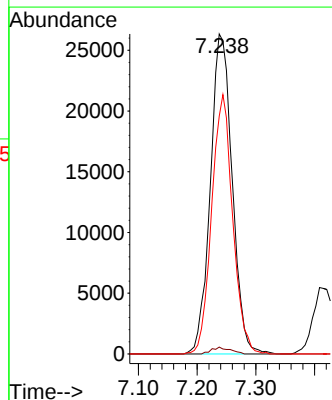
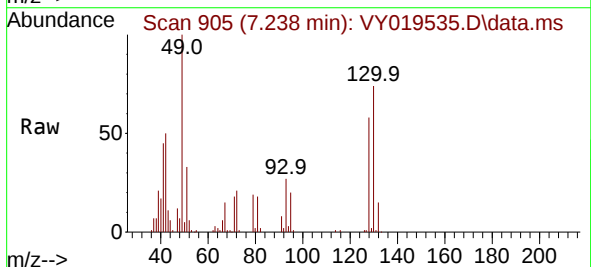
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	256.2
98	66.2	0.0	130.0



#28
 Bromochloromethane
 Concen: 19.753 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY019535.D
 Acq: 13 Sep 2024 12:15

Tgt Ion: 49 Resp: 68107

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	77.8	72.7	109.1





#29

Tetrahydrofuran

Concen: 90.036 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBS01

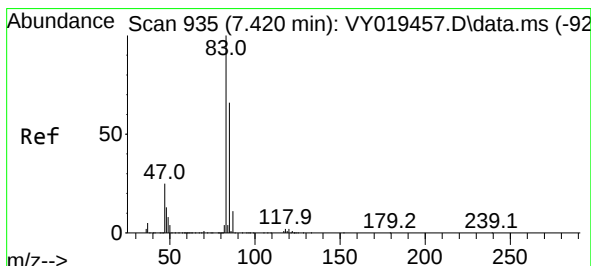
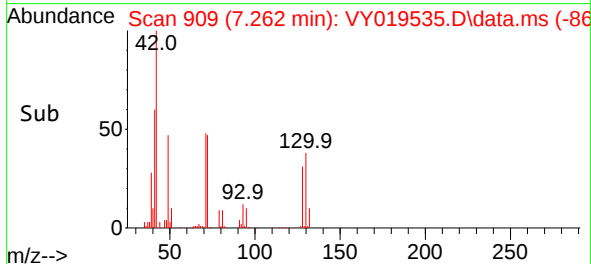
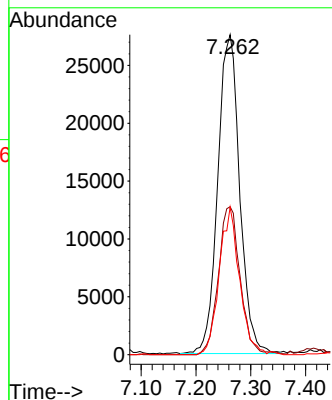
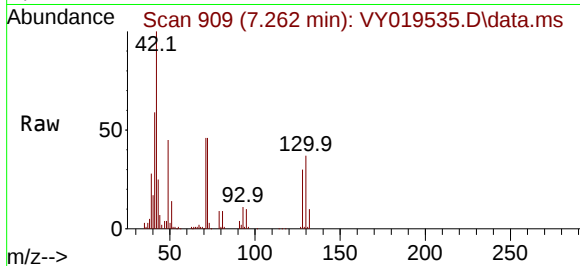
Tgt Ion: 42 Resp: 76771

Ion Ratio Lower Upper

42 100

72 46.2 43.0 64.4

71 42.6 40.8 61.2



#30

Chloroform

Concen: 20.357 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019535.D

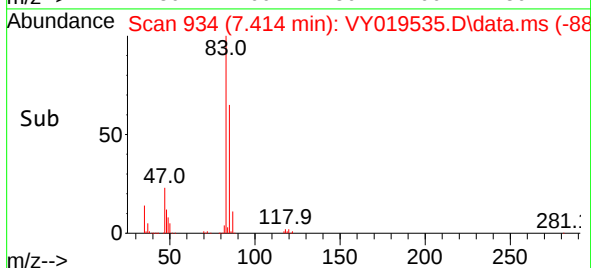
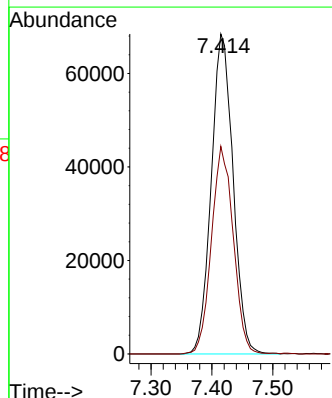
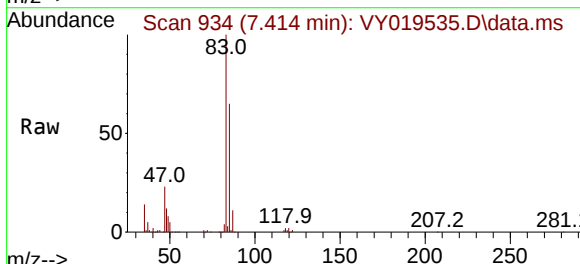
Acq: 13 Sep 2024 12:15

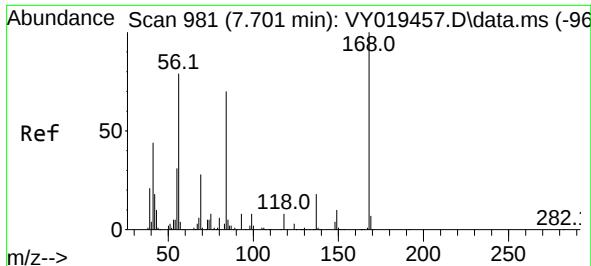
Tgt Ion: 83 Resp: 170301

Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.4

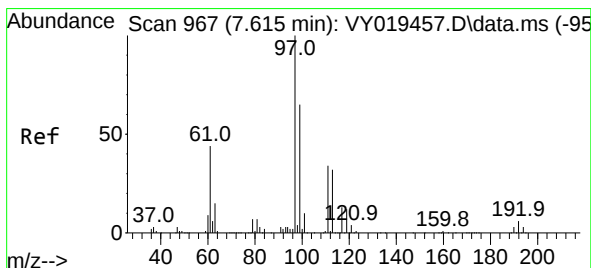
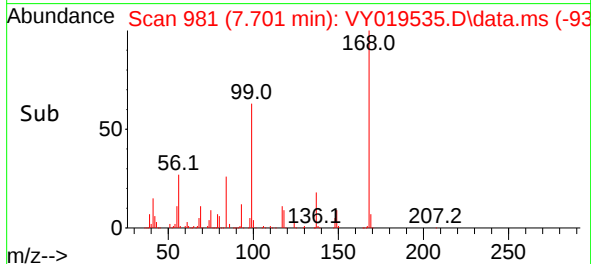
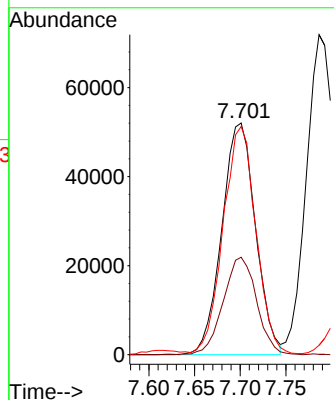
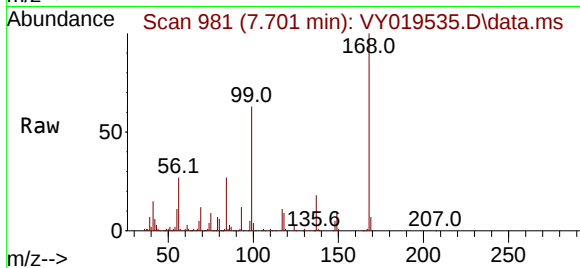




#31
Cyclohexane
Concen: 18.023 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

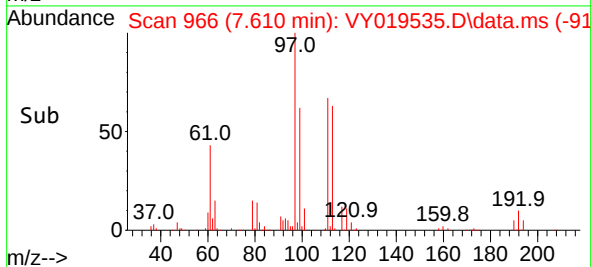
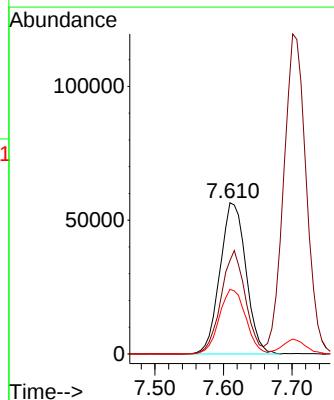
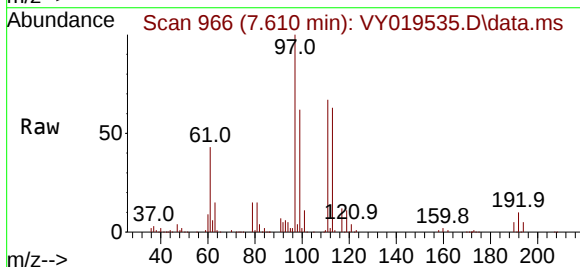
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBS01

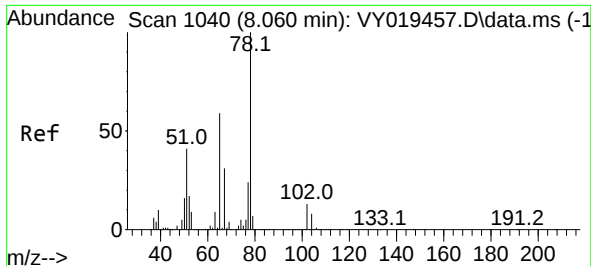
Tgt Ion: 56 Resp: 133500
Ion Ratio Lower Upper
56 100
69 41.9 28.7 43.1
84 97.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.813 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 97 Resp: 148565
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 43.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.693 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

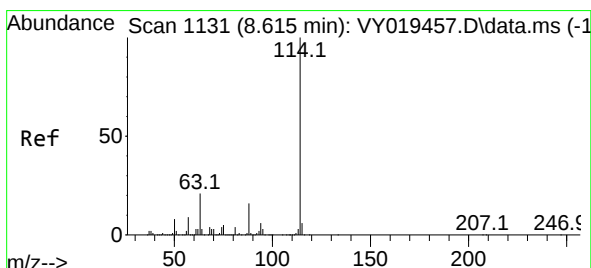
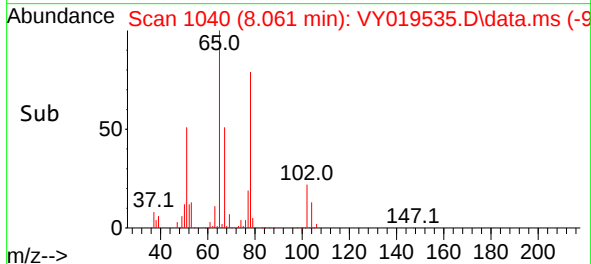
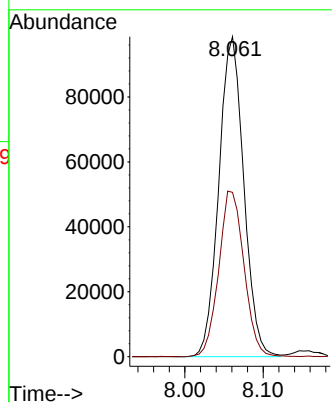
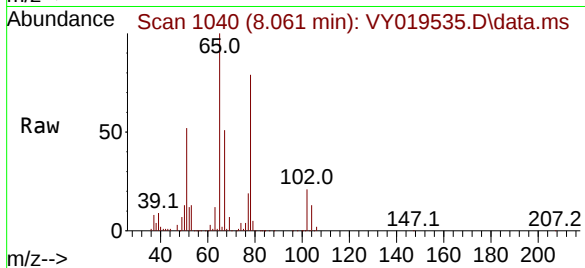
VY0913SBSD01

Tgt Ion: 65 Resp: 218089

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

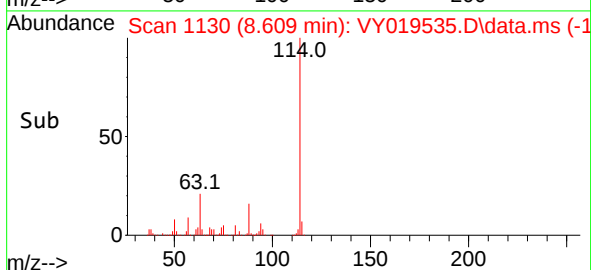
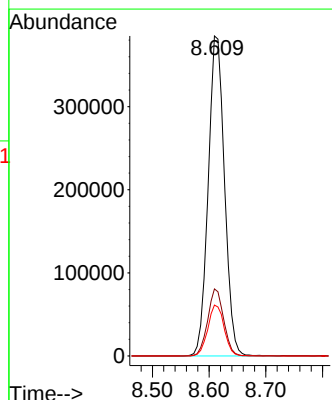
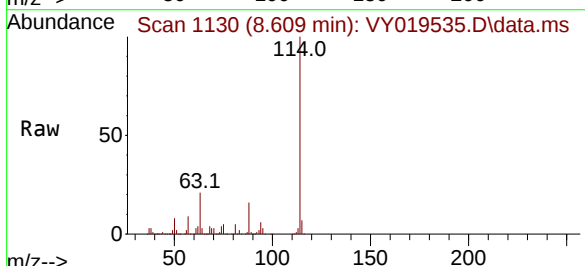
Tgt Ion: 114 Resp: 768674

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 15.9 0.0 27.2

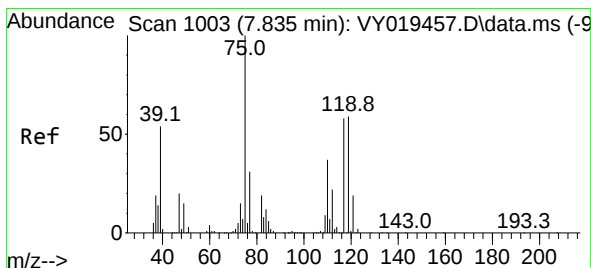
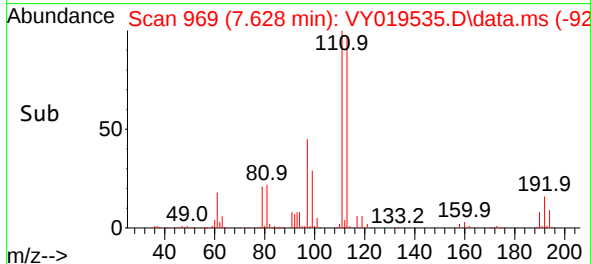
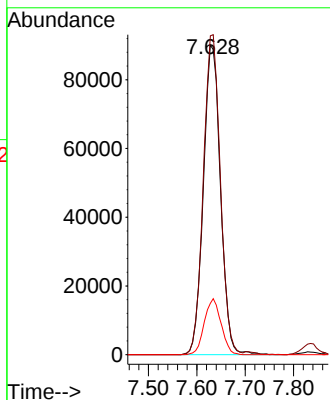
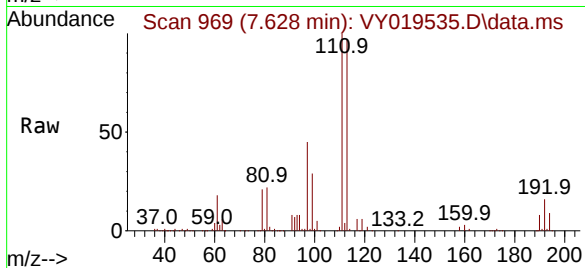




#35
 Dibromofluoromethane
 Concen: 50.806 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY019535.D
 Acq: 13 Sep 2024 12:15

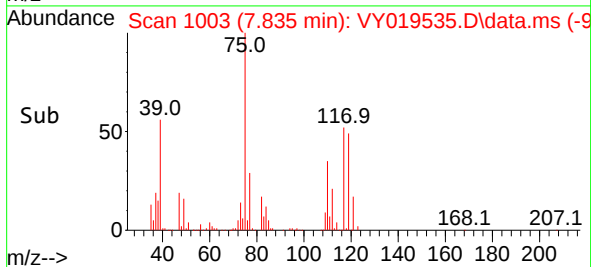
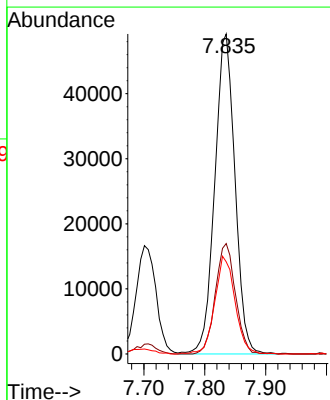
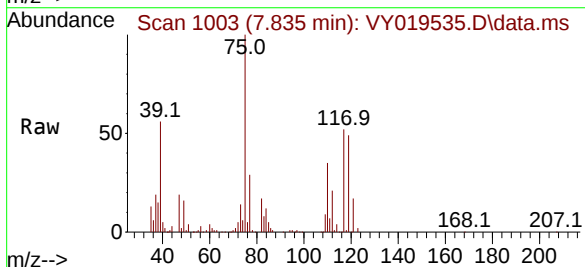
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0913SBSD01

Tgt Ion:113 Resp: 221425
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 17.7 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 19.122 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019535.D
 Acq: 13 Sep 2024 12:15

Tgt Ion: 75 Resp: 113402
 Ion Ratio Lower Upper
 75 100
 110 34.2 19.0 57.0
 77 30.7 25.3 37.9

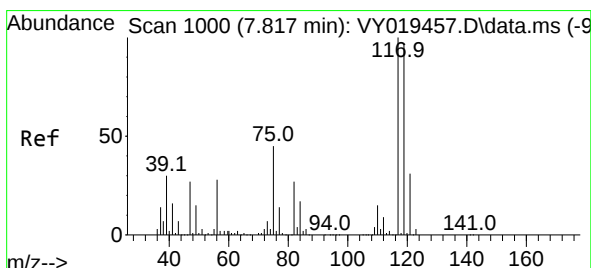
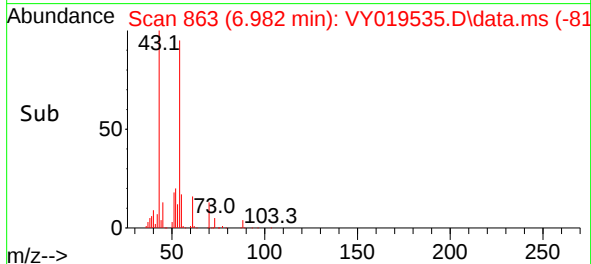
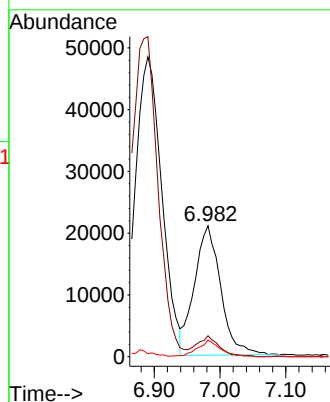
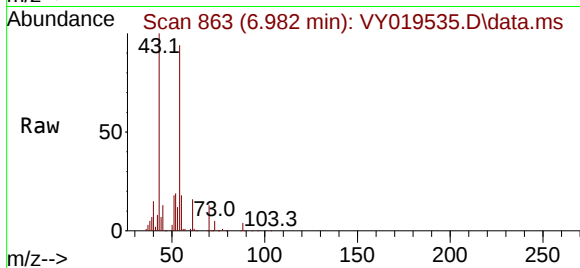




#37
Ethyl Acetate
Concen: 19.220 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

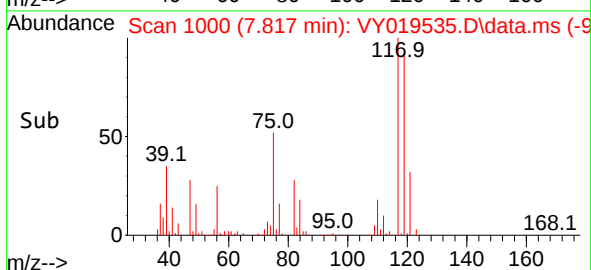
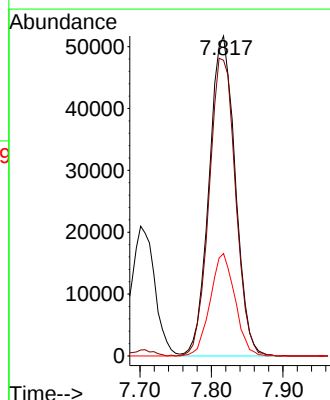
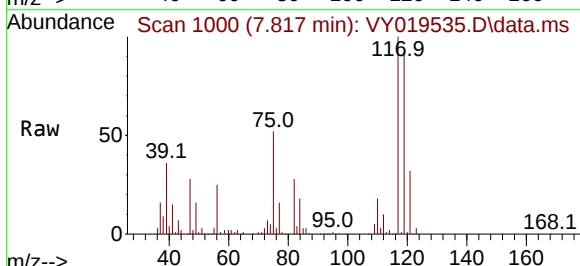
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

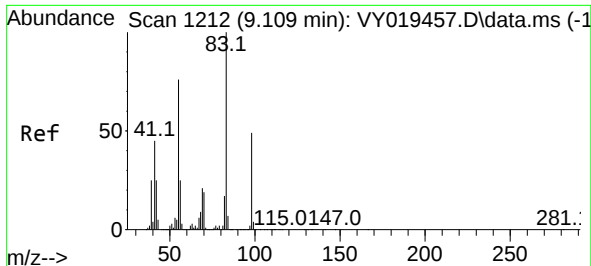
Tgt Ion: 43	Resp: 58400
Ion Ratio	Lower Upper
43 100	
61 13.4	12.6 19.0
70 11.0	7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.612 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 117	Resp: 131156
Ion Ratio	Lower Upper
117 100	
119 92.4	75.8 113.6
121 32.0	24.0 36.0





#39

Methylcyclohexane

Concen: 18.170 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBSD01

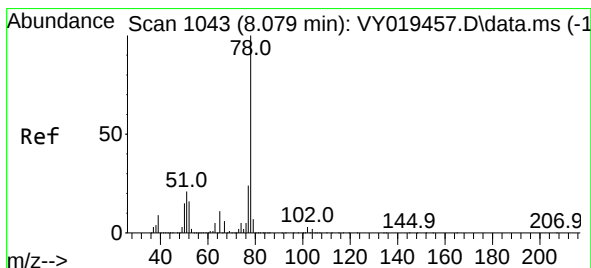
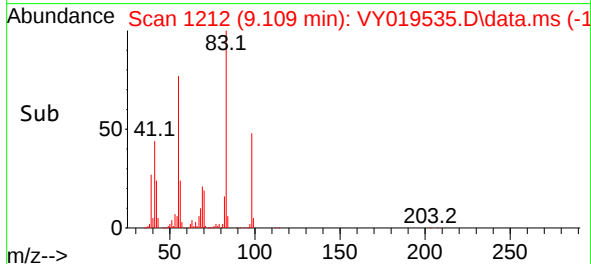
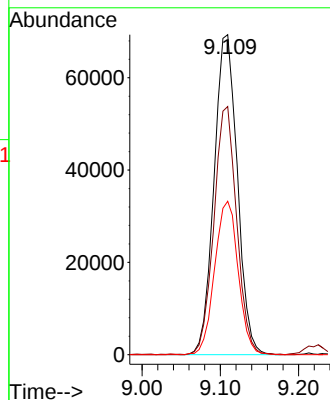
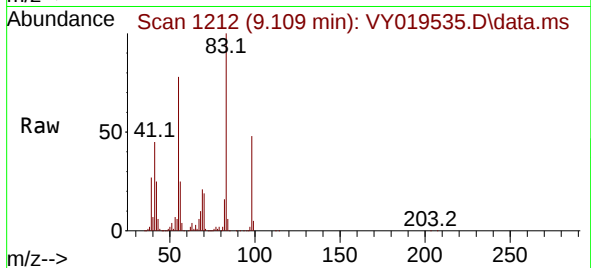
Tgt Ion: 83 Resp: 143395

Ion Ratio Lower Upper

83 100

55 77.4 51.5 77.3#

98 47.9 40.5 60.7



#40

Benzene

Concen: 19.146 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019535.D

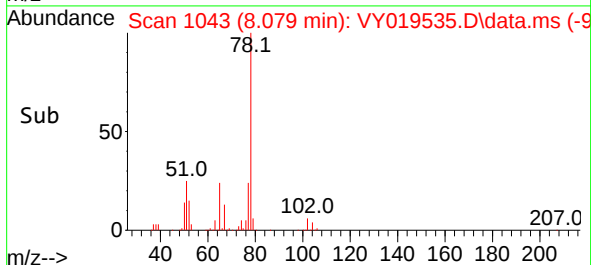
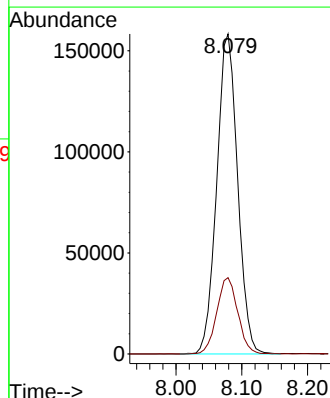
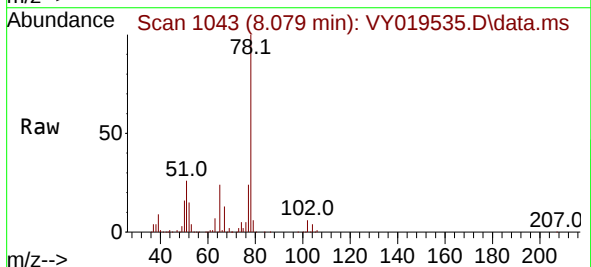
Acq: 13 Sep 2024 12:15

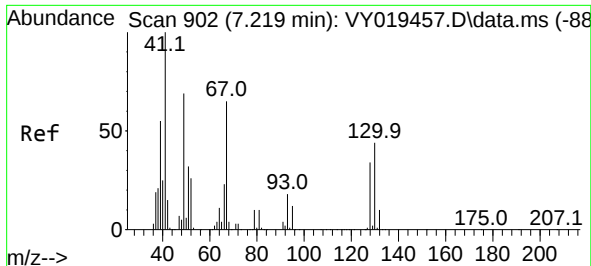
Tgt Ion: 78 Resp: 349721

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

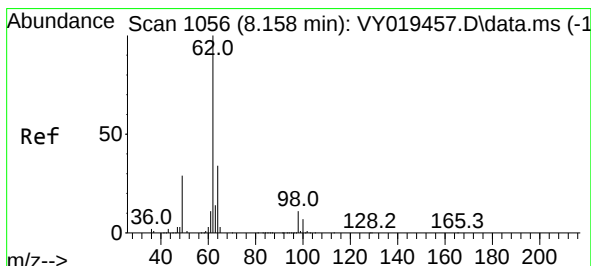
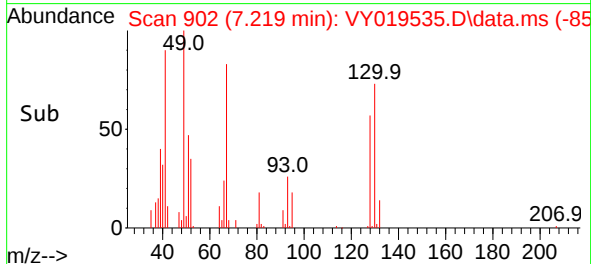
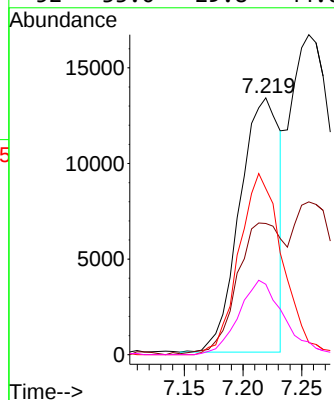
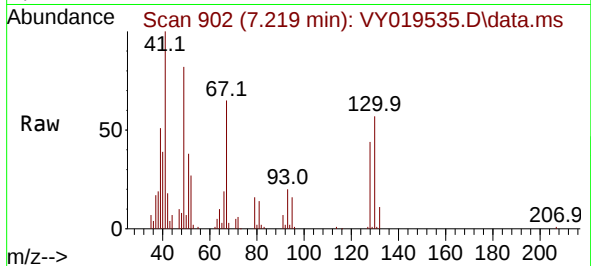




#41
Methacrylonitrile
Concen: 17.733 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

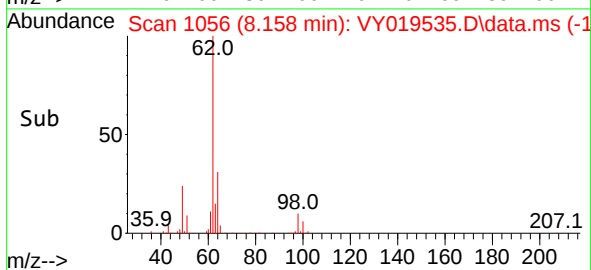
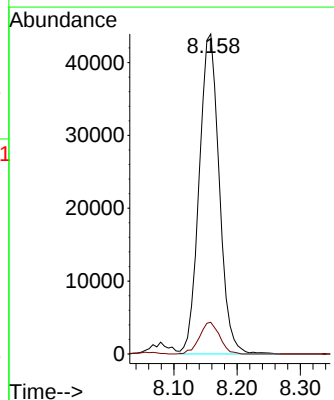
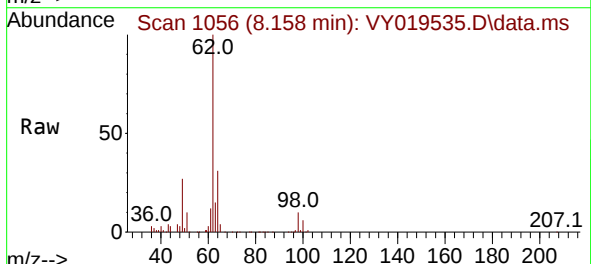
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

Tgt Ion:	41	Resp:	31409
Ion	Ratio	Lower	Upper
41	100		
39	61.9	48.0	72.0
67	77.6	75.1	112.7
52	33.0	29.8	44.6



#42
1,2-Dichloroethane
Concen: 19.720 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion:	62	Resp:	96924
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	22.0

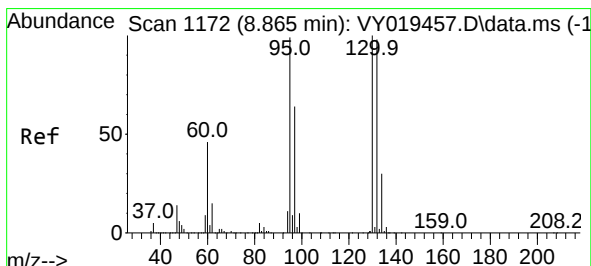
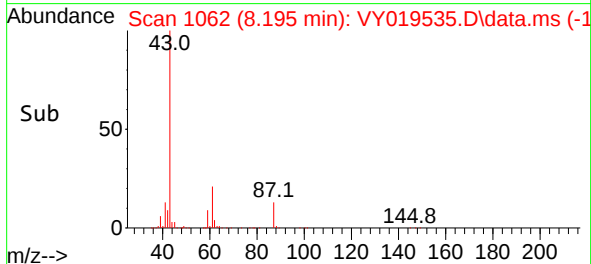
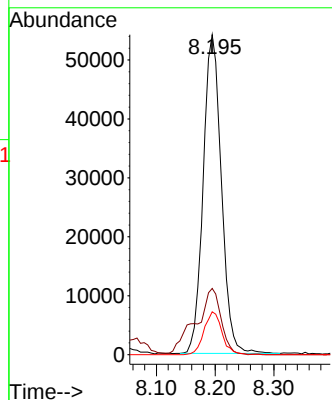
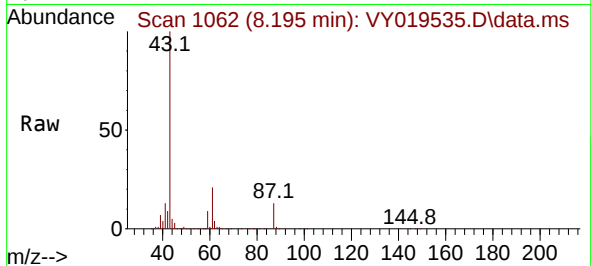




#43
Isopropyl Acetate
Concen: 18.238 ug/l
RT: 8.195 min Scan# 116425
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

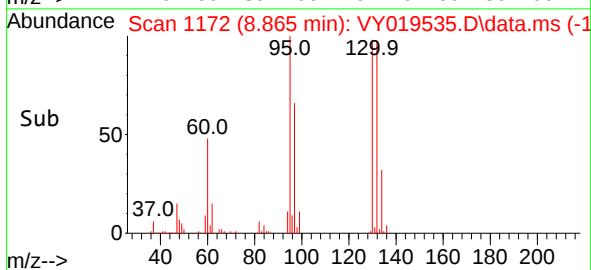
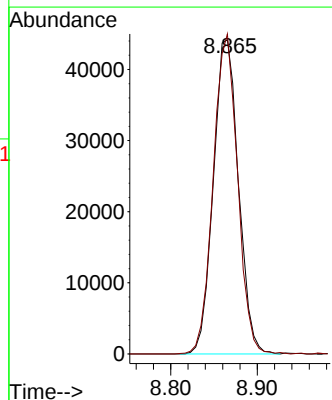
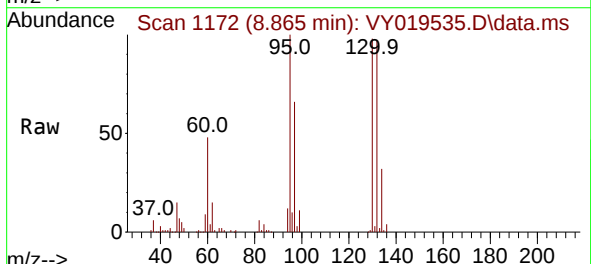
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

Tgt Ion: 43 Resp: 116425
Ion Ratio Lower Upper
43 100
61 29.1 27.9 41.9
87 13.4 13.1 19.7



#44
Trichloroethene
Concen: 18.932 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion:130 Resp: 88935
Ion Ratio Lower Upper
130 100
95 101.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.180 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

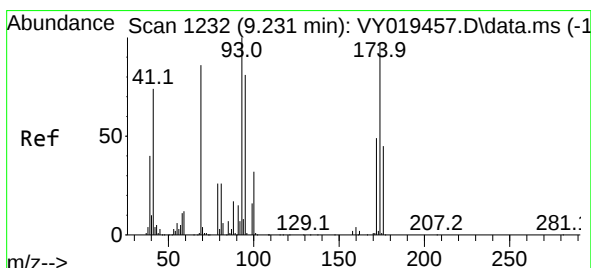
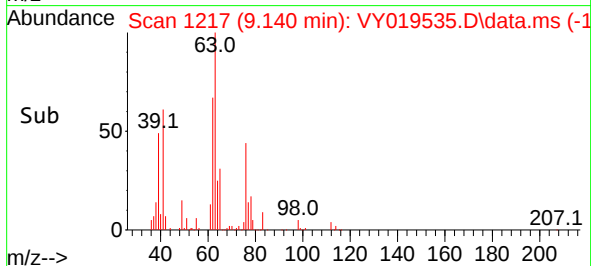
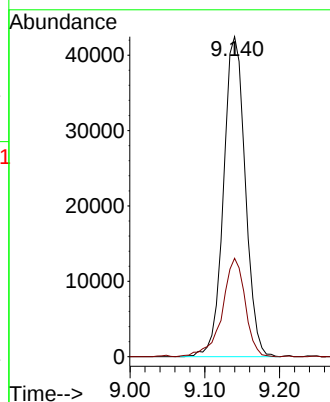
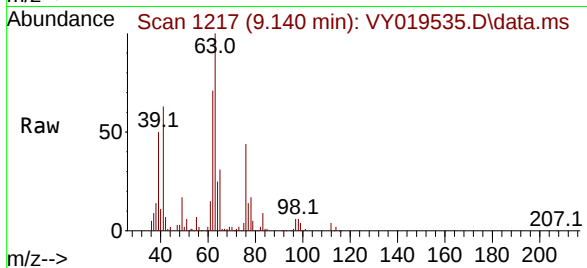
VY0913SBSD01

Tgt Ion: 63 Resp: 85647

Ion Ratio Lower Upper

63 100

65 30.7 25.4 38.2



#46

Dibromomethane

Concen: 19.389 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

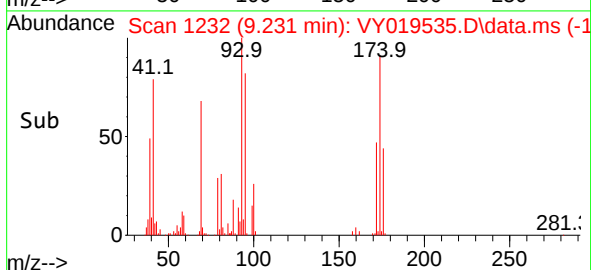
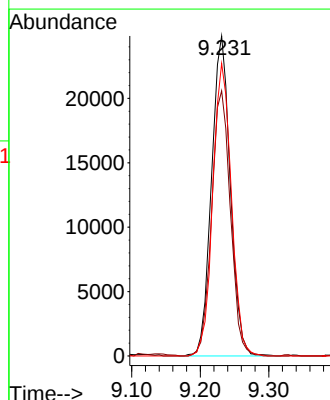
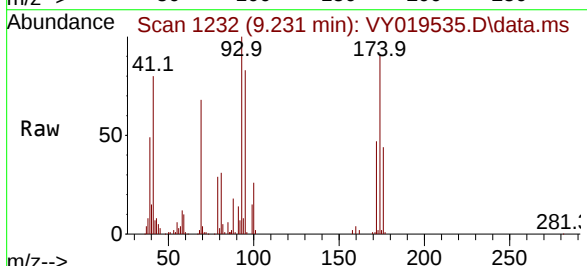
Tgt Ion: 93 Resp: 47346

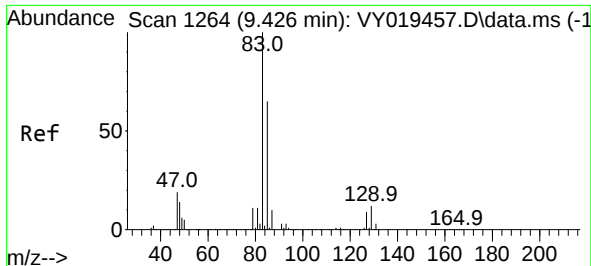
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 90.5 80.9 121.3

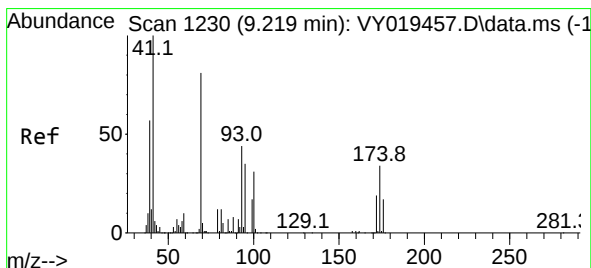
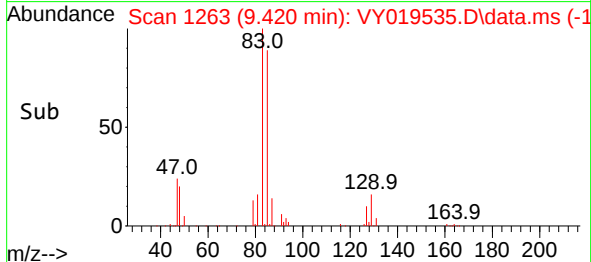
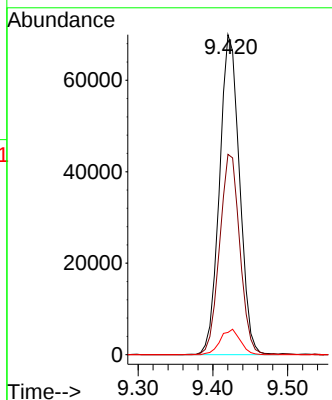
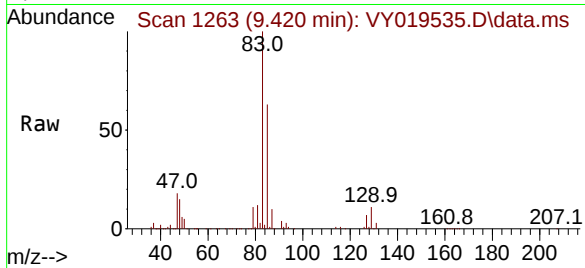




#47
Bromodichloromethane
Concen: 19.842 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

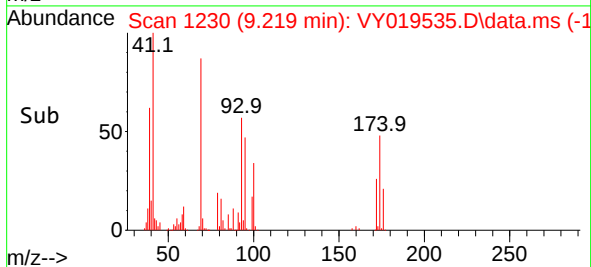
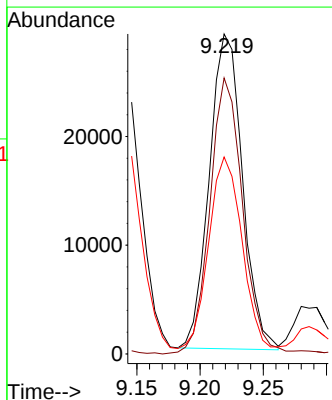
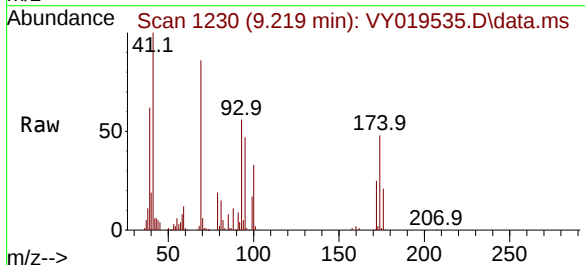
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

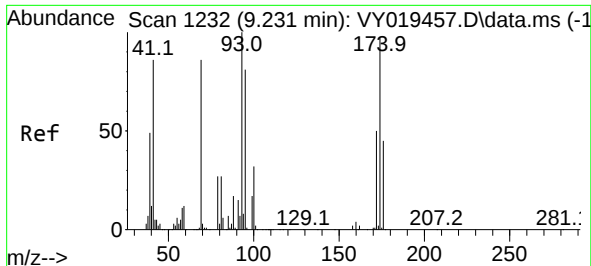
Tgt Ion: 83 Resp: 130249
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 7.0 7.4 11.0#



#48
Methyl methacrylate
Concen: 17.491 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 41 Resp: 52727
Ion Ratio Lower Upper
41 100
69 86.5 84.1 126.1
39 61.1 43.6 65.4





#49

1,4-Dioxane

Concen: 396.421 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBS01

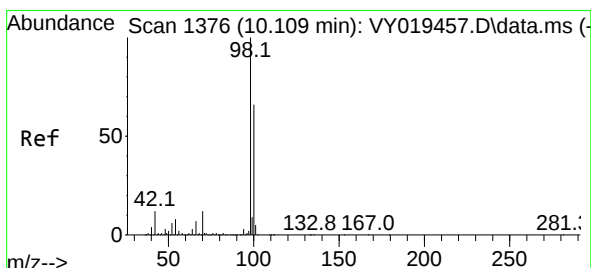
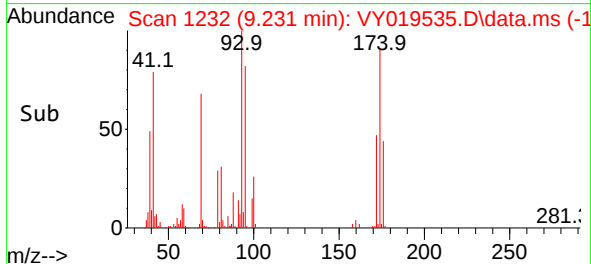
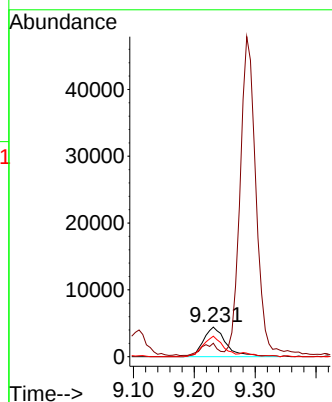
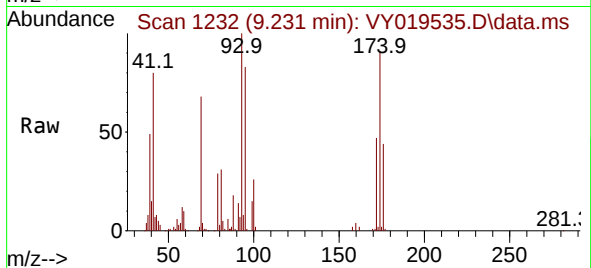
Tgt Ion: 88 Resp: 11396

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 62.3 49.3 73.9



#50

Toluene-d8

Concen: 51.063 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019535.D

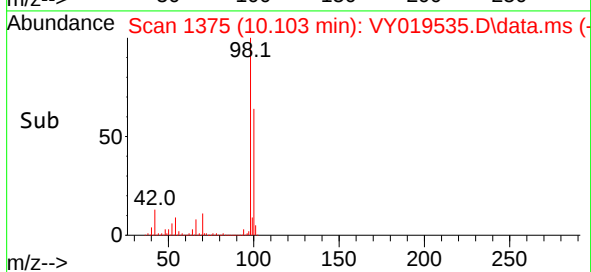
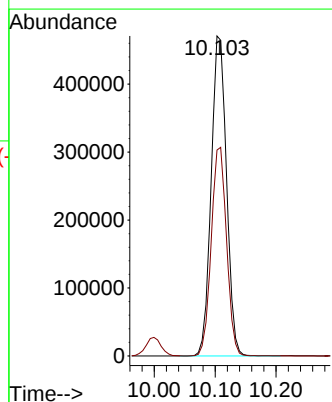
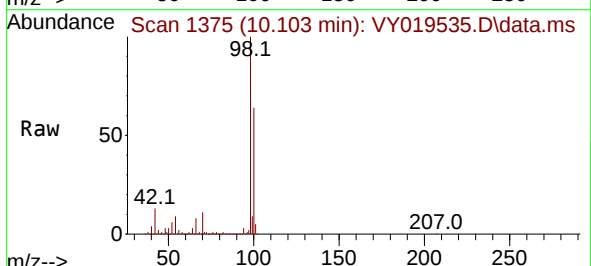
Acq: 13 Sep 2024 12:15

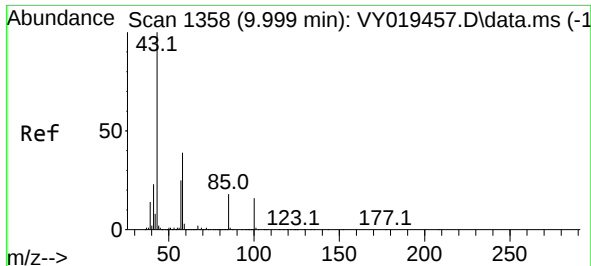
Tgt Ion: 98 Resp: 823144

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

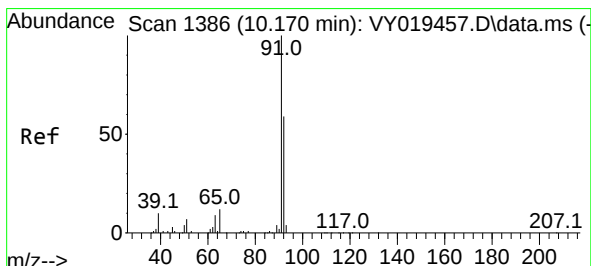
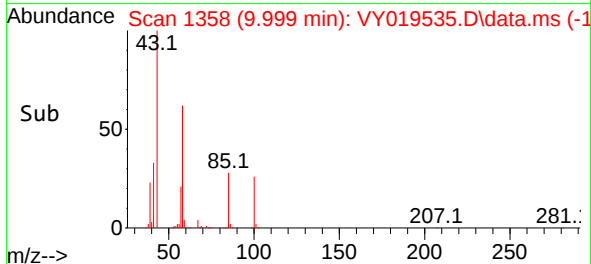
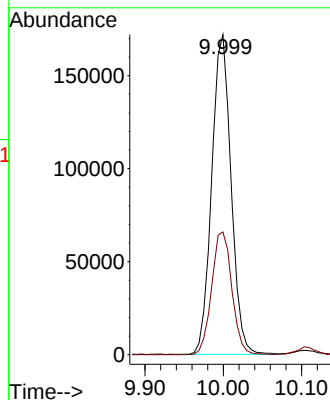
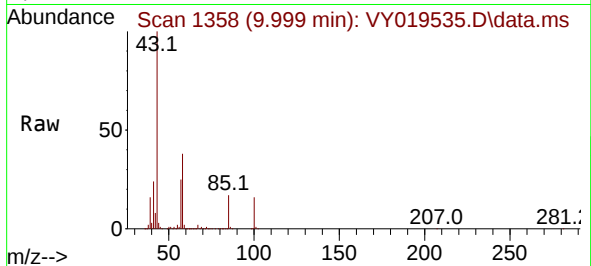




#51
4-Methyl-2-Pentanone
Concen: 92.044 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

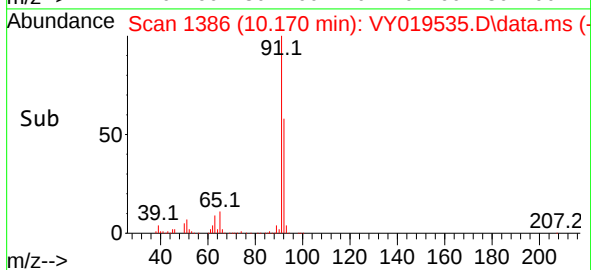
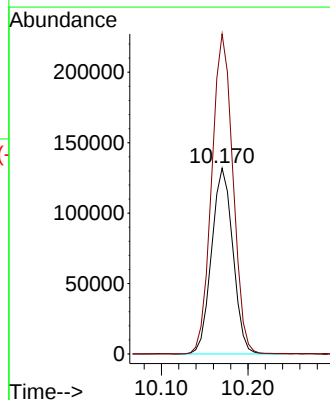
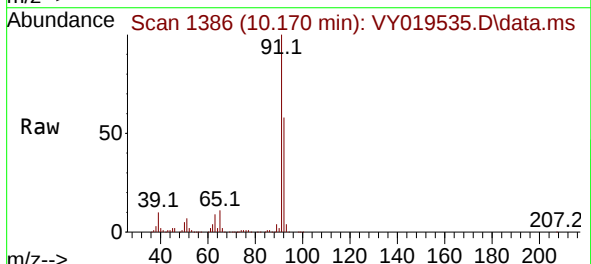
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

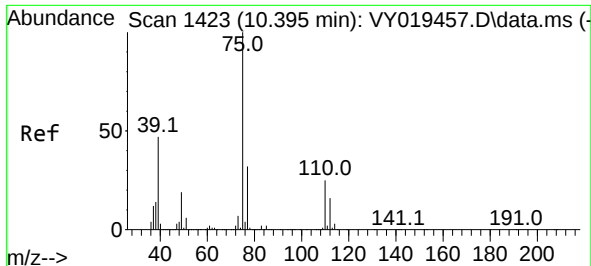
Tgt Ion: 43 Resp: 295608
Ion Ratio Lower Upper
43 100
58 40.0 35.7 53.5



#52
Toluene
Concen: 19.187 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 92 Resp: 225396
Ion Ratio Lower Upper
92 100
91 171.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 18.959 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

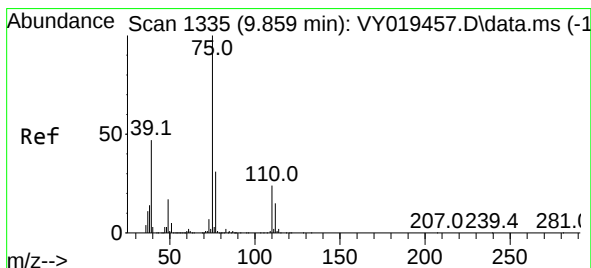
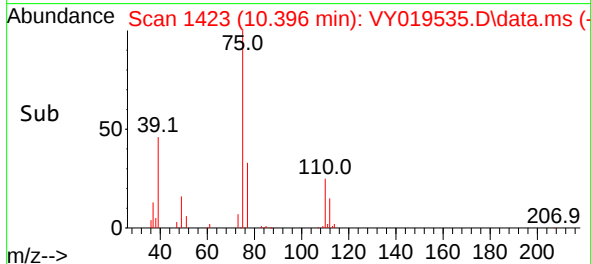
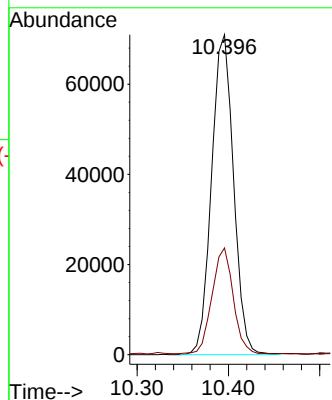
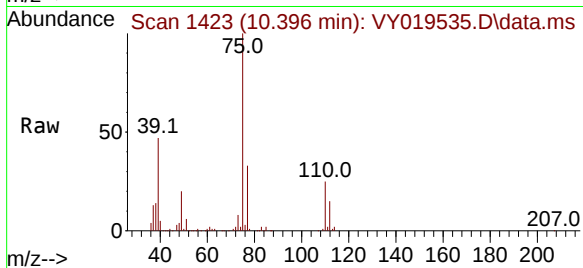
VY0913SBS01

Tgt Ion: 75 Resp: 118636

Ion Ratio Lower Upper

75 100

77 33.0 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 18.558 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

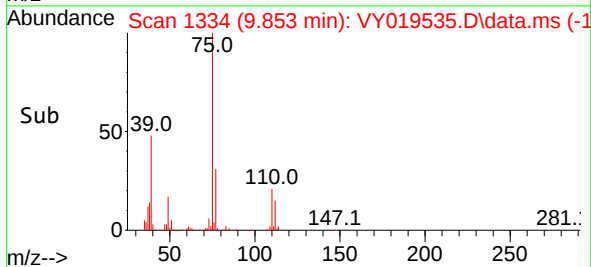
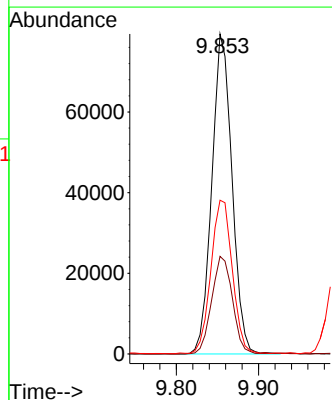
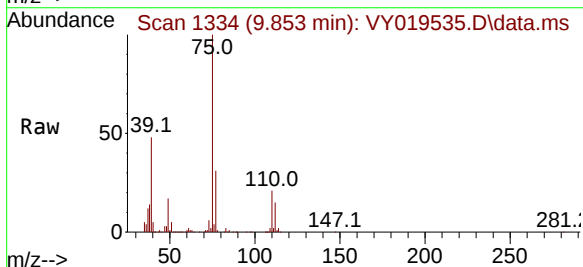
Tgt Ion: 75 Resp: 135221

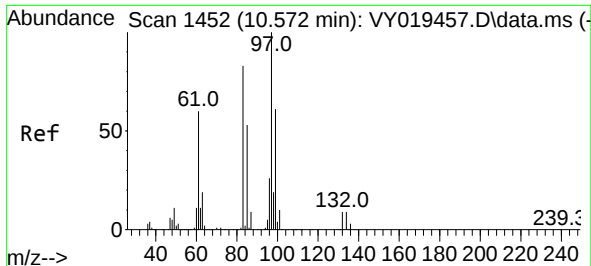
Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0

39 47.8 29.8 44.6#

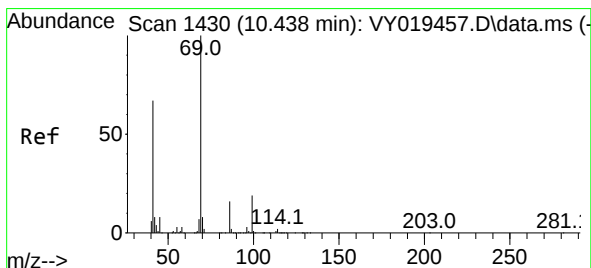
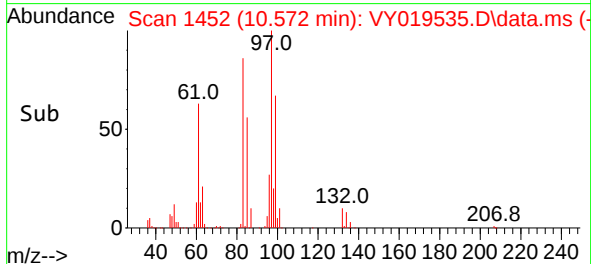
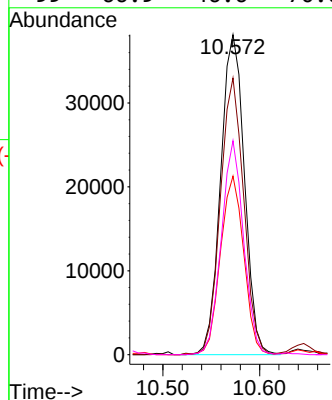
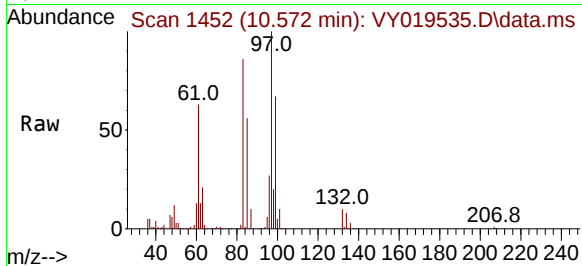




#55
1,1,2-Trichloroethane
Concen: 19.303 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

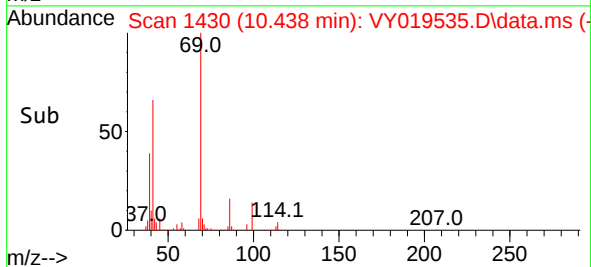
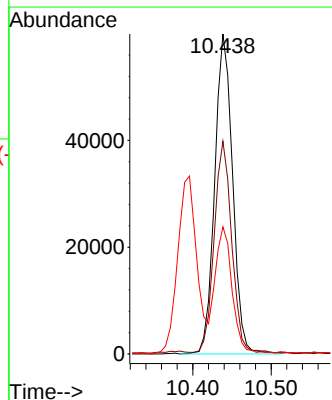
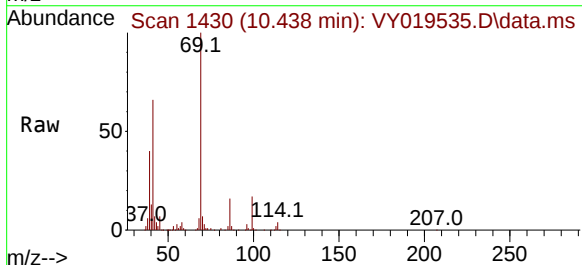
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

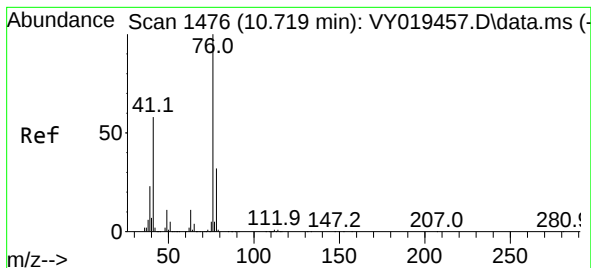
Tgt Ion:	97	Resp:	65095
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.5	101.3
85	55.8	42.9	64.3
99	66.9	46.6	70.0



#56
Ethyl methacrylate
Concen: 18.576 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion:	69	Resp:	95160
Ion	Ratio	Lower	Upper
69	100		
41	64.4	42.3	63.5#
39	36.8	22.9	34.3#

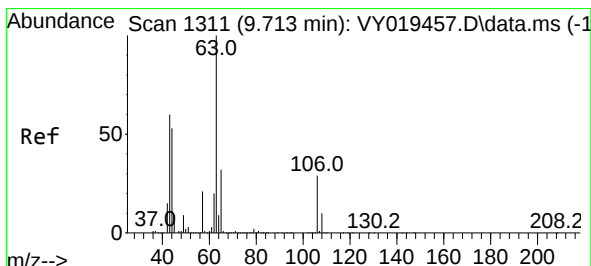
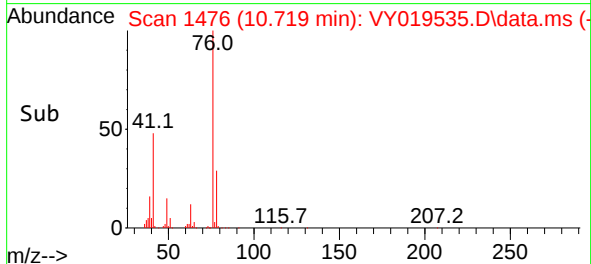
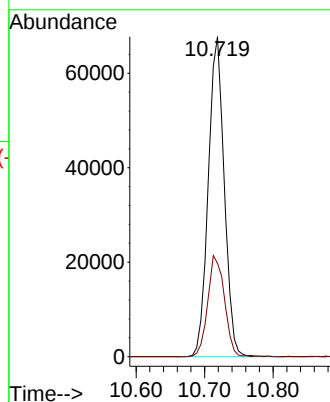
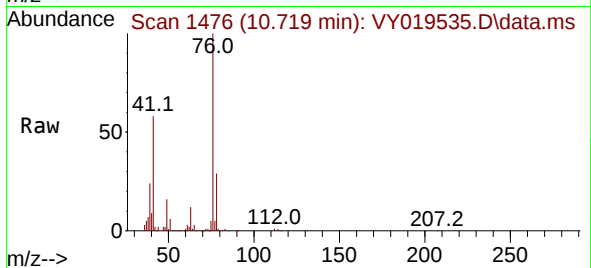




#57
1,3-Dichloropropane
Concen: 18.957 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

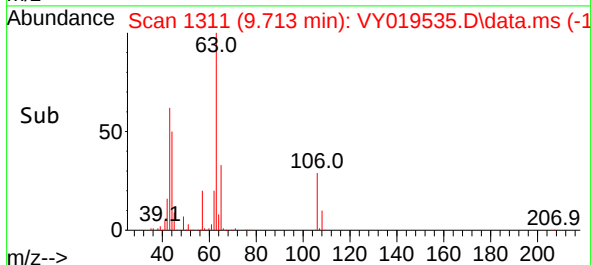
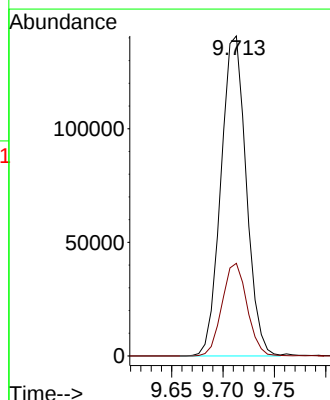
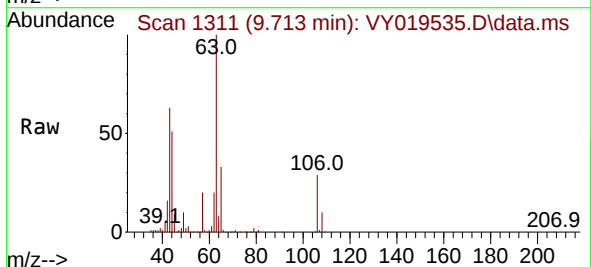
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

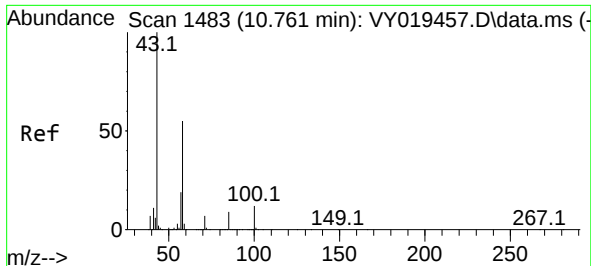
Tgt Ion: 76 Resp: 109889
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 101.308 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 63 Resp: 240868
Ion Ratio Lower Upper
63 100
106 28.7 23.7 35.5

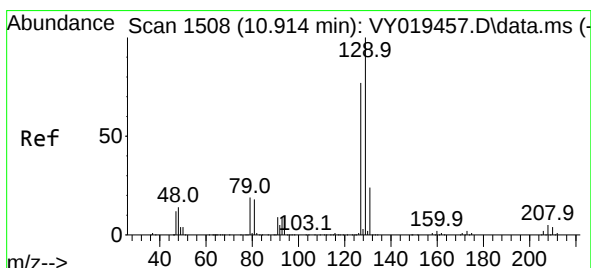
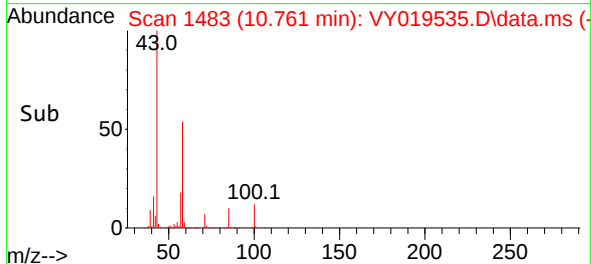
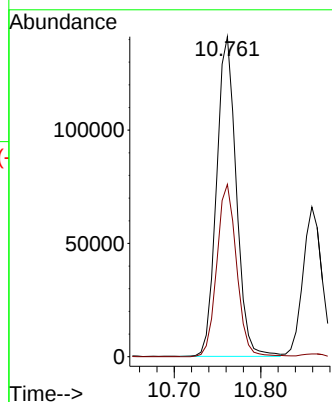
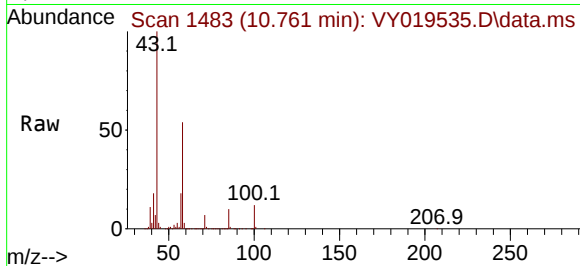




#59
2-Hexanone
Concen: 94.687 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

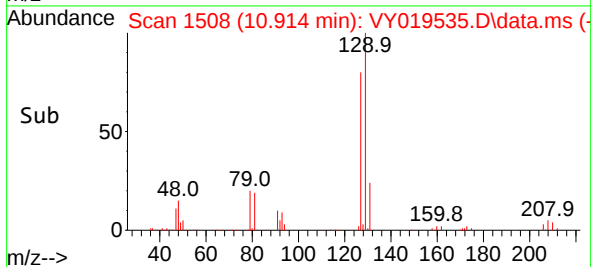
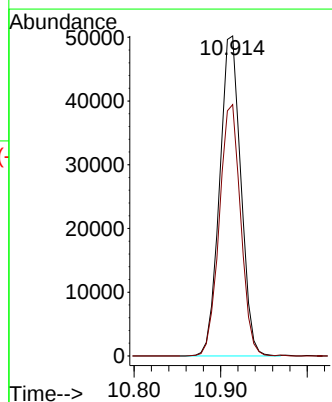
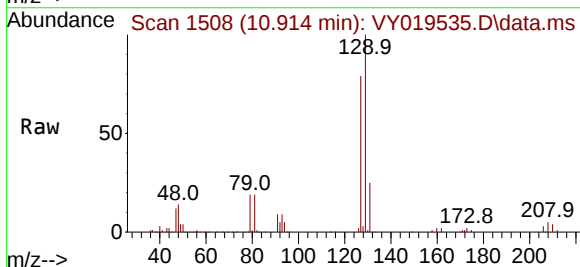
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

Tgt Ion: 43 Resp: 222943
Ion Ratio Lower Upper
43 100
58 54.2 31.4 94.0



#60
Dibromochloromethane
Concen: 19.165 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion:129 Resp: 85493
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0

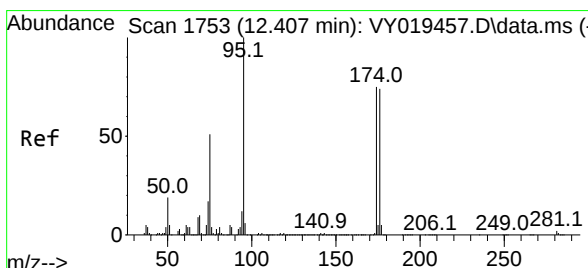
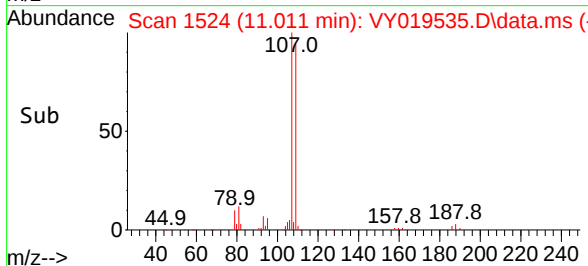
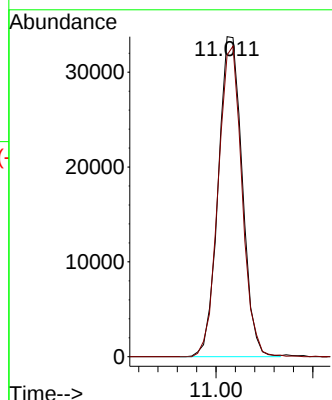
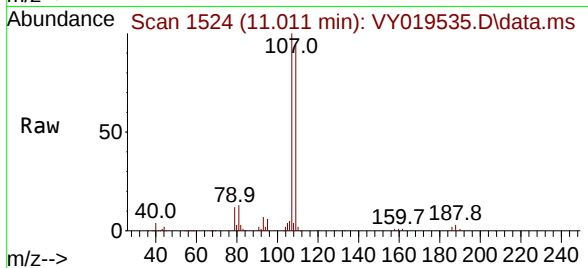




#61
1,2-Dibromoethane
Concen: 18.477 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

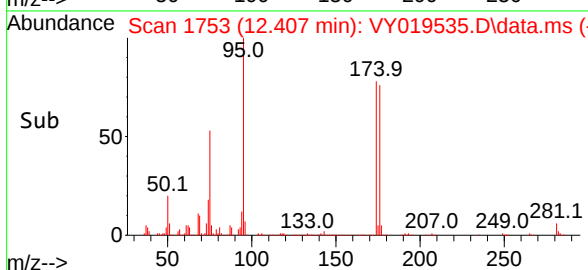
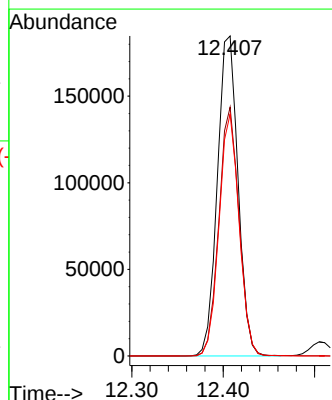
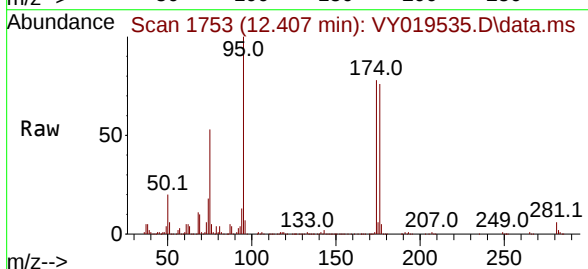
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

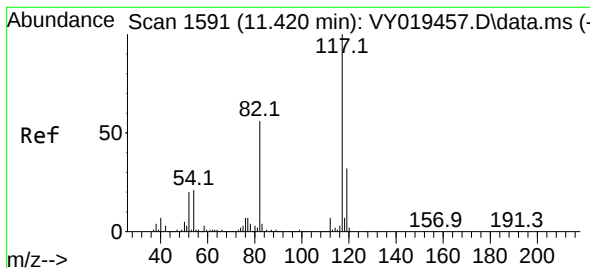
Tgt Ion:107 Resp: 58055
Ion Ratio Lower Upper
107 100
109 96.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.932 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 95 Resp: 290897
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 73.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBS01

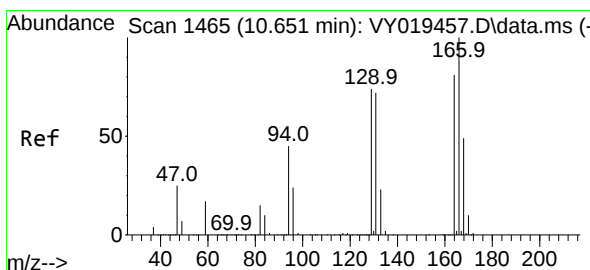
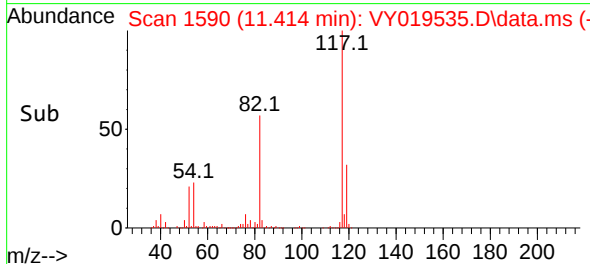
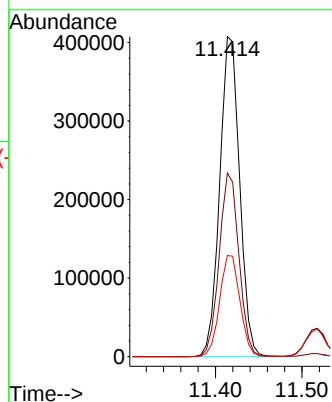
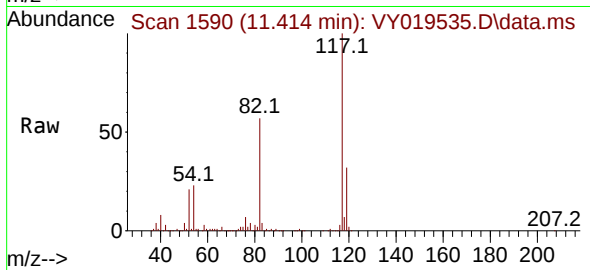
Tgt Ion:117 Resp: 651548

Ion Ratio Lower Upper

117 100

82 57.4 42.4 63.6

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 18.521 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Tgt Ion:164 Resp: 74728

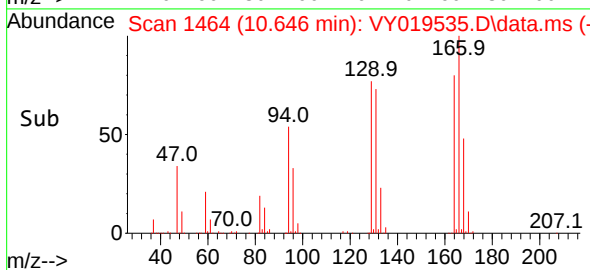
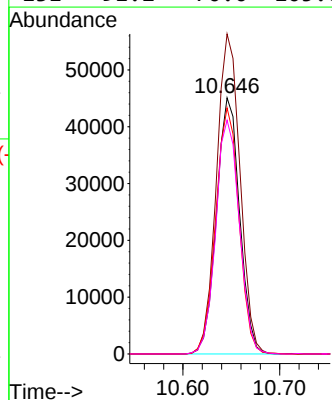
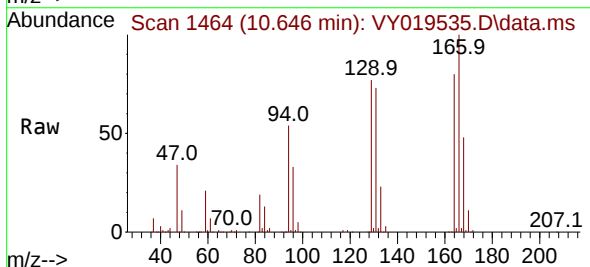
Ion Ratio Lower Upper

164 100

166 124.9 102.6 154.0

129 96.0 72.0 108.0

131 91.2 70.0 105.0

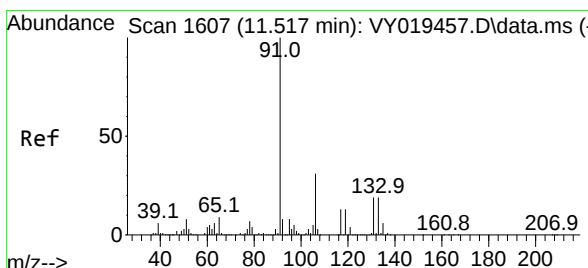
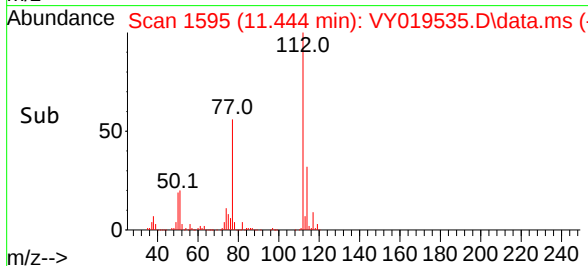
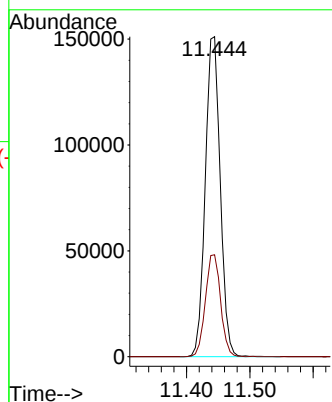
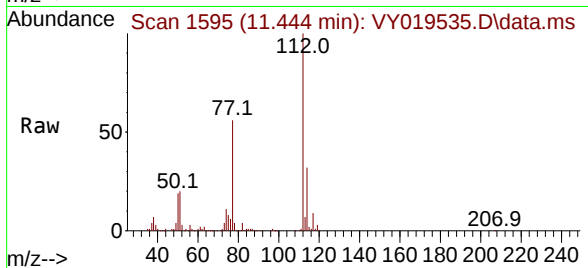




#65
Chlorobenzene
Concen: 19.384 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

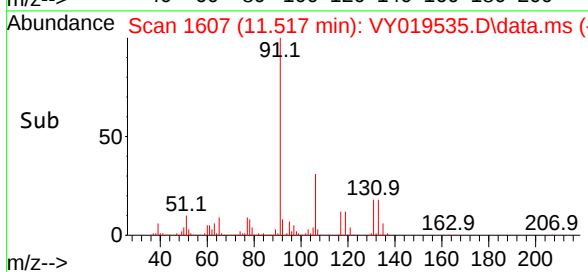
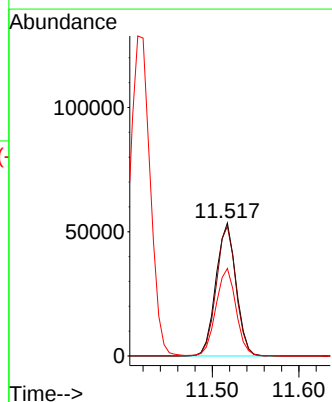
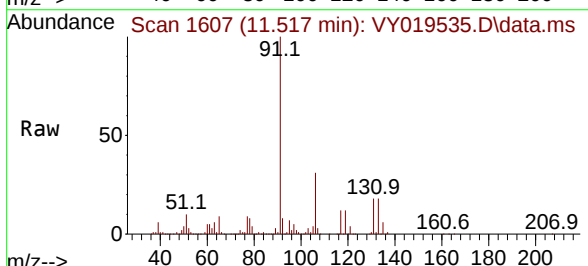
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

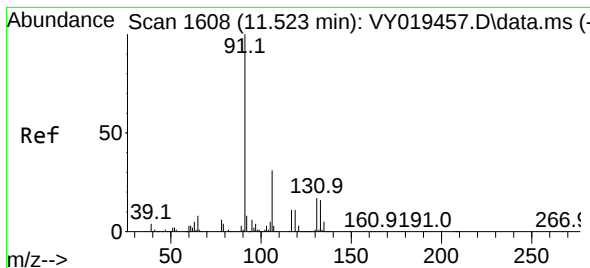
Tgt Ion:112 Resp: 248435
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.475 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion:131 Resp: 86419
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 65.7 34.1 102.2





#67

Ethyl Benzene

Concen: 19.551 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

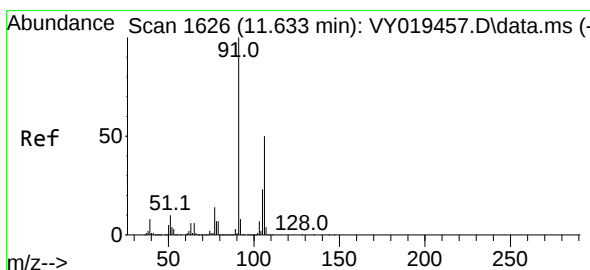
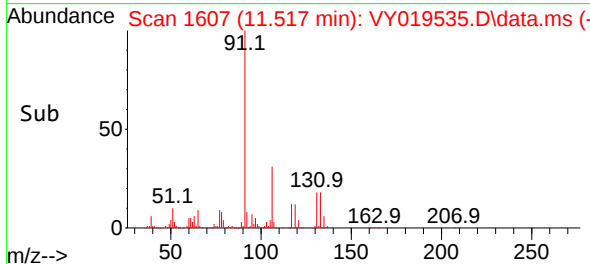
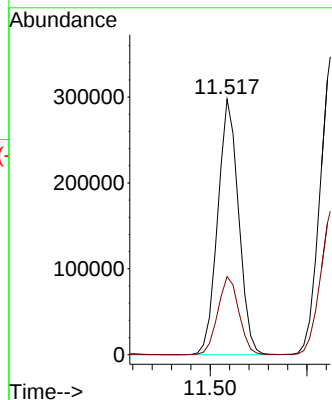
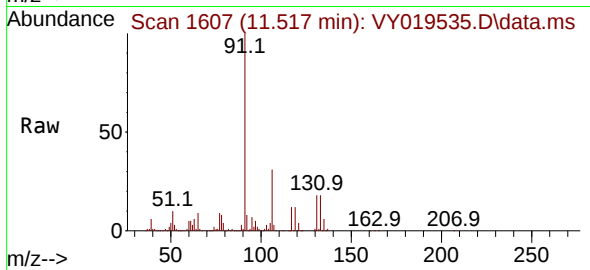
VY0913SBS01

Tgt Ion: 91 Resp: 445229

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 38.596 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019535.D

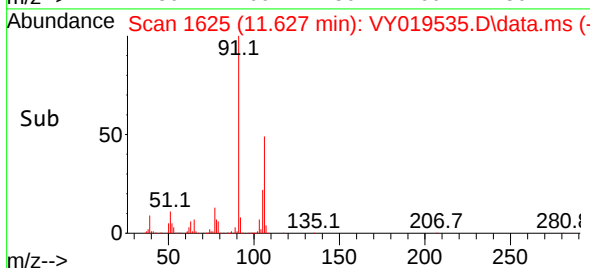
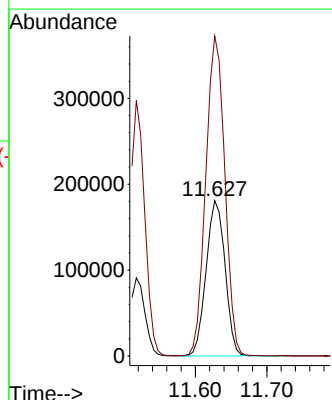
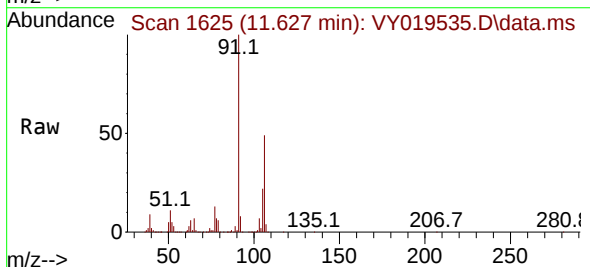
Acq: 13 Sep 2024 12:15

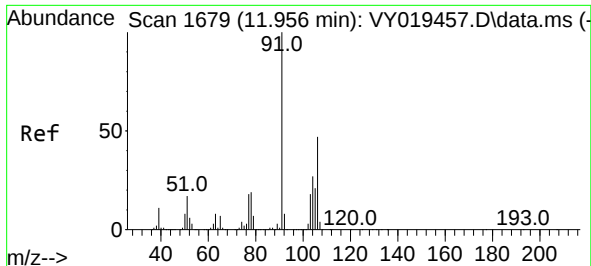
Tgt Ion: 106 Resp: 332346

Ion Ratio Lower Upper

106 100

91 207.1 156.0 234.0

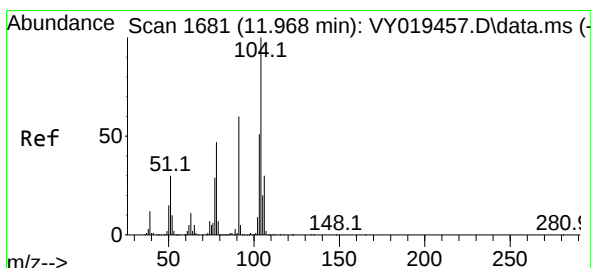
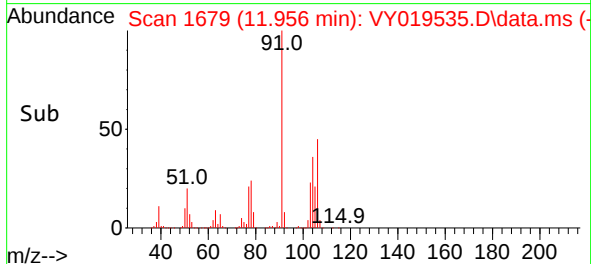
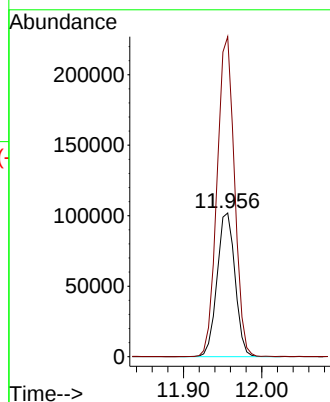
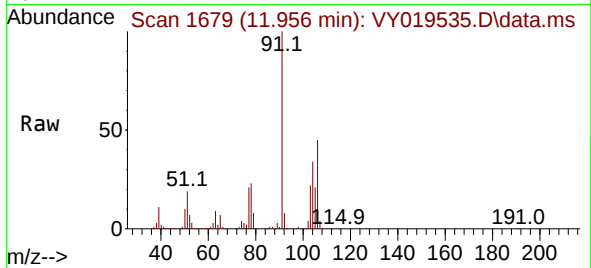




#69
o-Xylene
Concen: 19.296 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

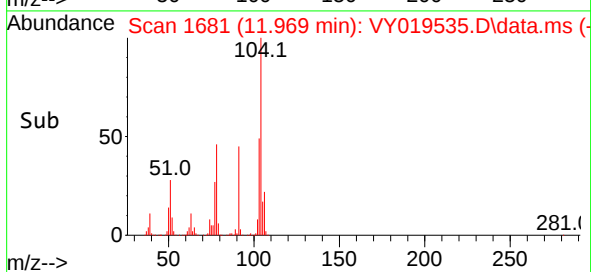
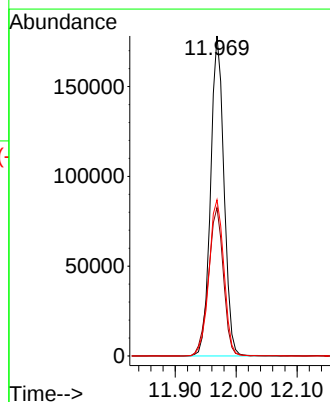
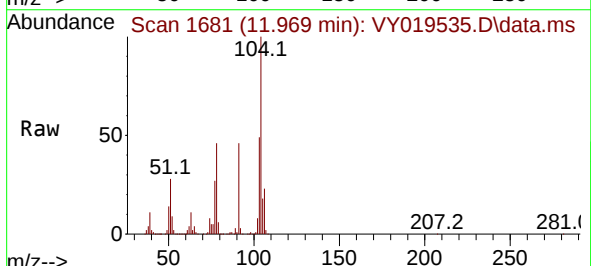
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

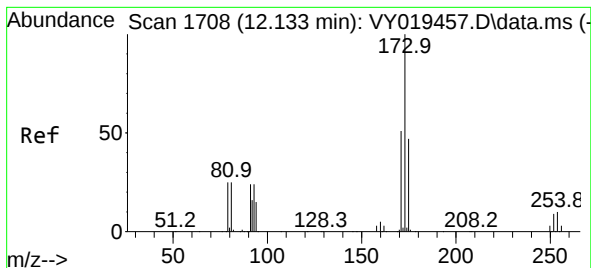
Tgt Ion:106 Resp: 162490
Ion Ratio Lower Upper
106 100
91 216.6 103.6 310.8



#70
Styrene
Concen: 19.175 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion:104 Resp: 272625
Ion Ratio Lower Upper
104 100
78 51.6 37.0 55.4
103 54.4 44.2 66.2





#71

Bromoform

Concen: 18.867 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBS01

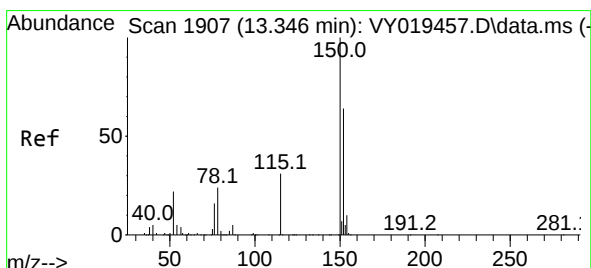
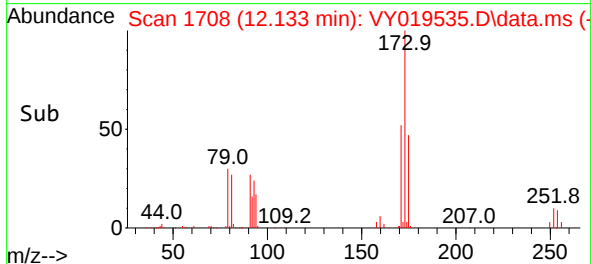
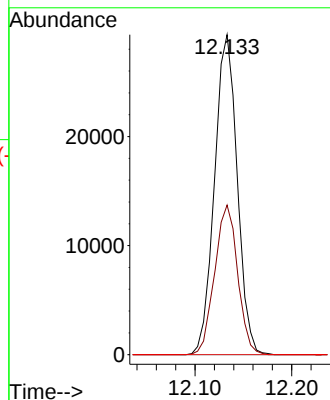
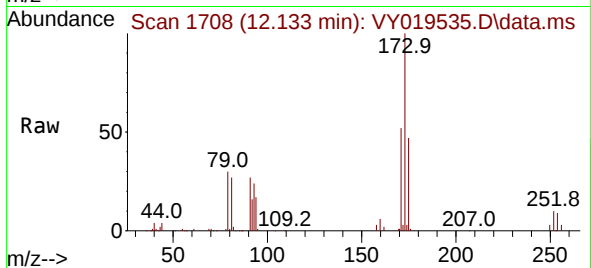
Tgt Ion:173 Resp: 47819

Ion Ratio Lower Upper

173 100

175 47.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

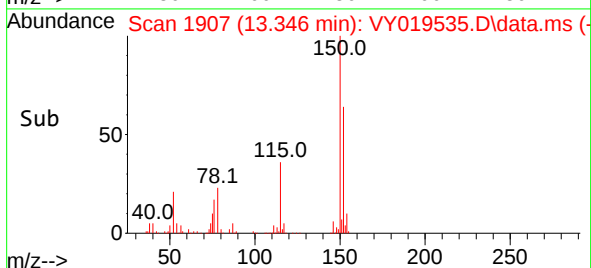
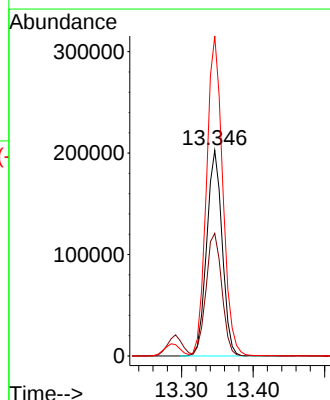
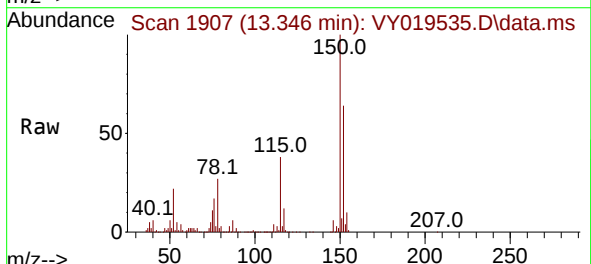
Tgt Ion:152 Resp: 303958

Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 163.3 0.0 345.6





#73

Isopropylbenzene

Concen: 19.707 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

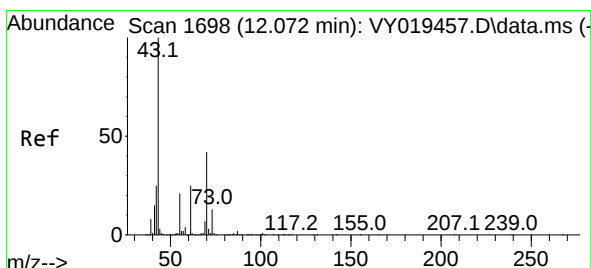
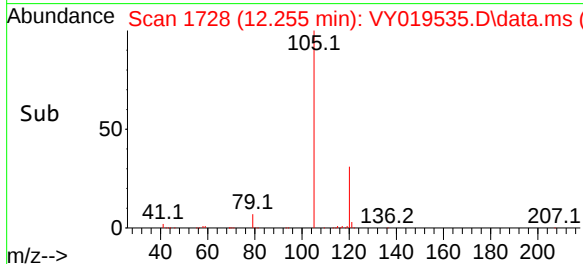
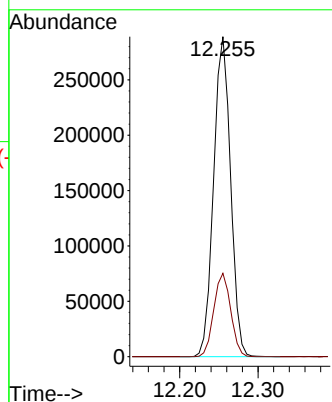
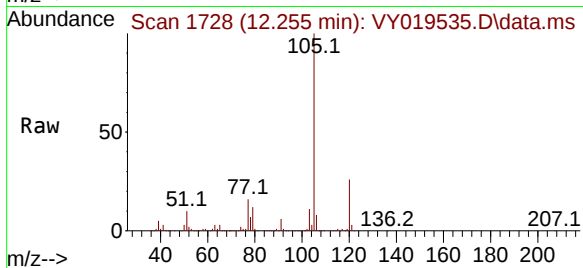
VY0913SBS01

Tgt Ion:105 Resp: 434570

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 18.333 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Tgt Ion: 43 Resp: 109948

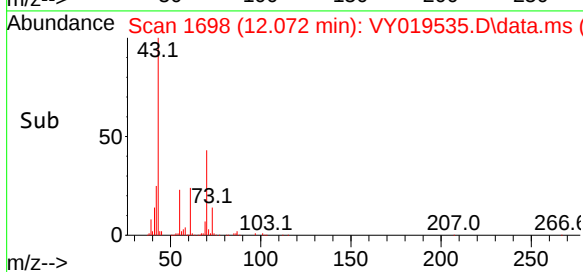
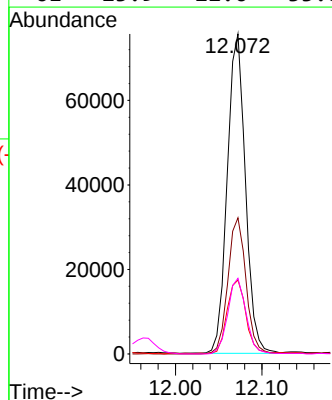
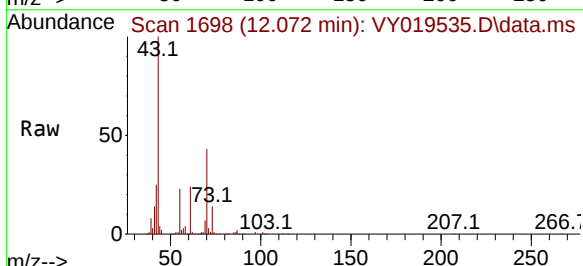
Ion Ratio Lower Upper

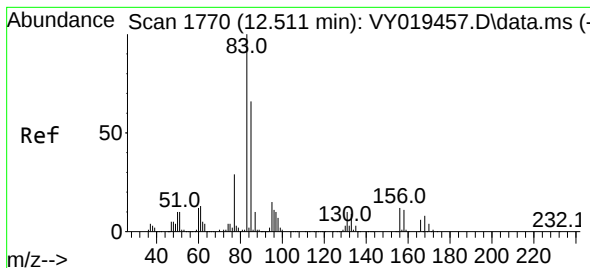
43 100

70 42.8 41.4 62.2

55 23.7 23.3 34.9

61 23.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.000 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBS01

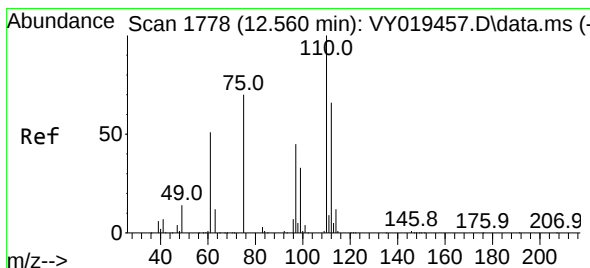
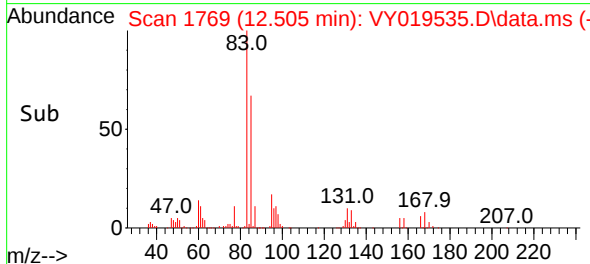
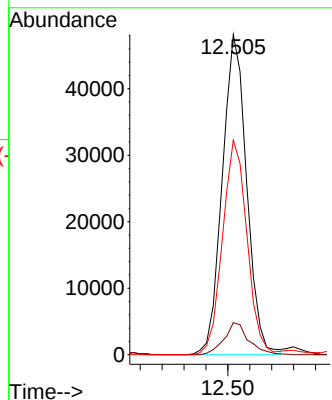
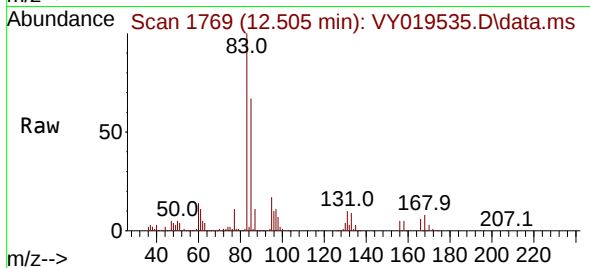
Tgt Ion: 83 Resp: 74365

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 67.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.316 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019535.D

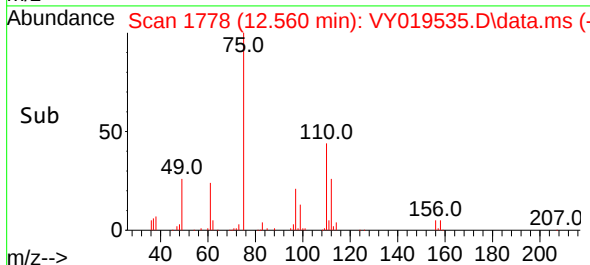
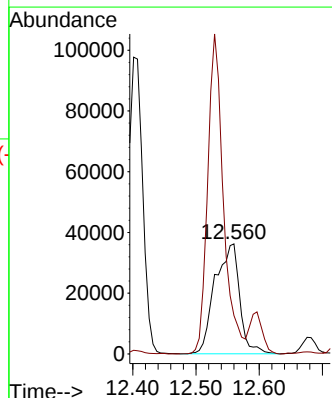
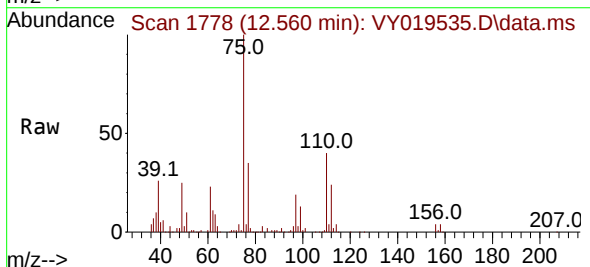
Acq: 13 Sep 2024 12:15

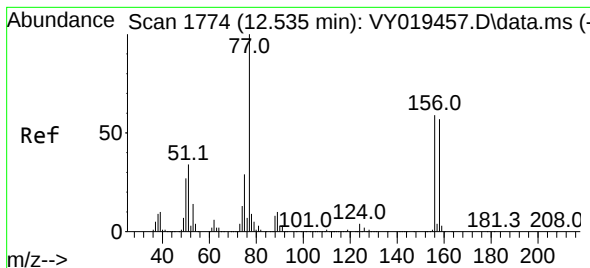
Tgt Ion: 75 Resp: 97765

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.140 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBS01

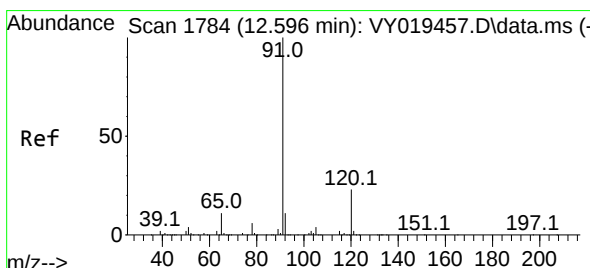
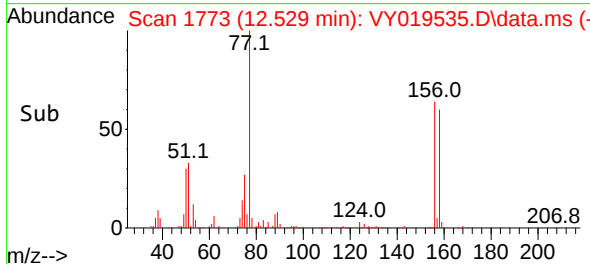
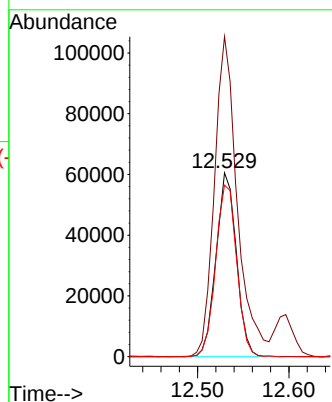
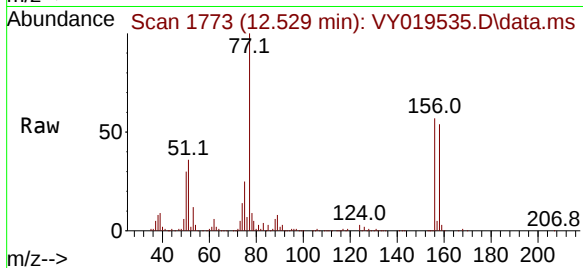
Tgt Ion:156 Resp: 93609

Ion Ratio Lower Upper

156 100

77 196.0 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 19.763 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019535.D

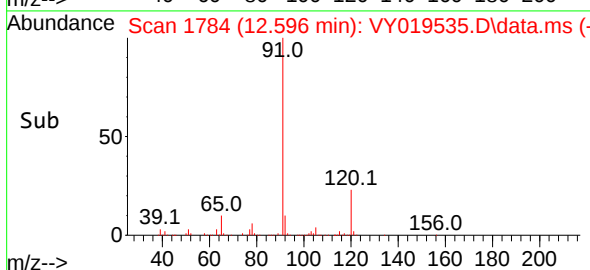
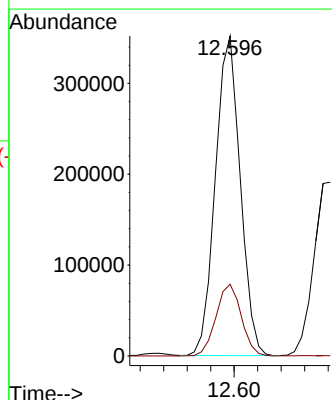
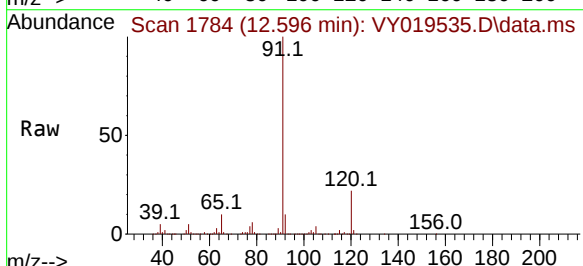
Acq: 13 Sep 2024 12:15

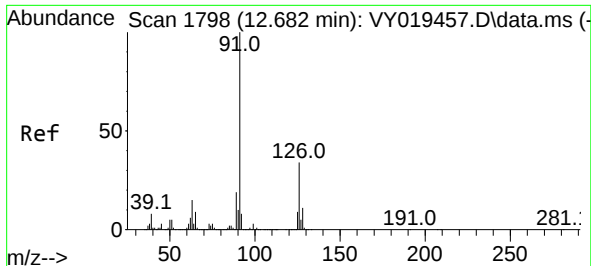
Tgt Ion: 91 Resp: 516534

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.739 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

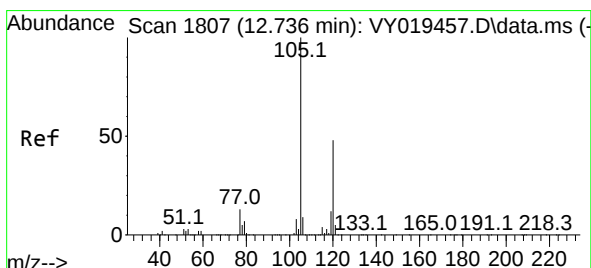
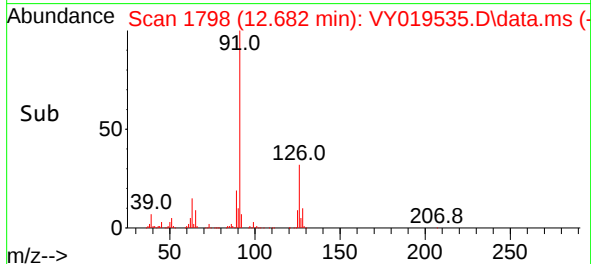
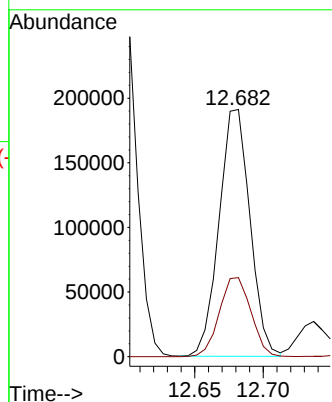
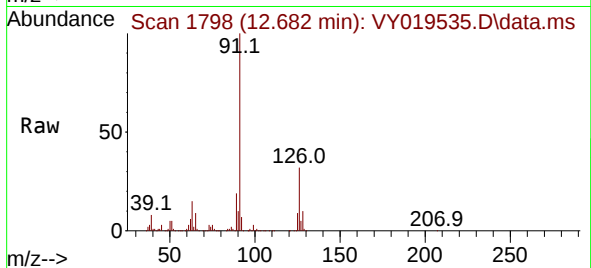
VY0913SBS01

Tgt Ion: 91 Resp: 300657

Ion Ratio Lower Upper

91 100

126 32.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.824 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019535.D

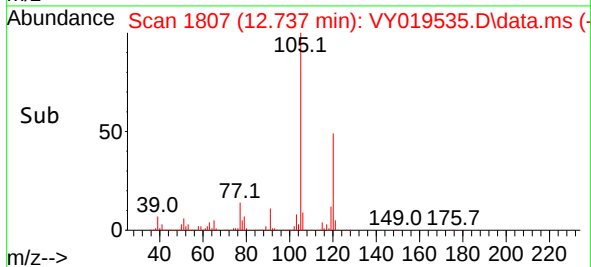
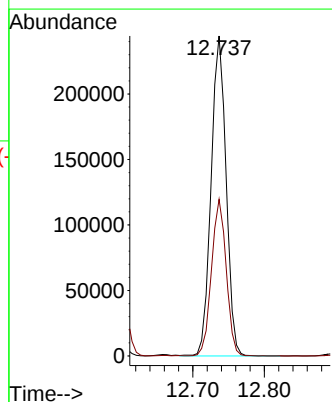
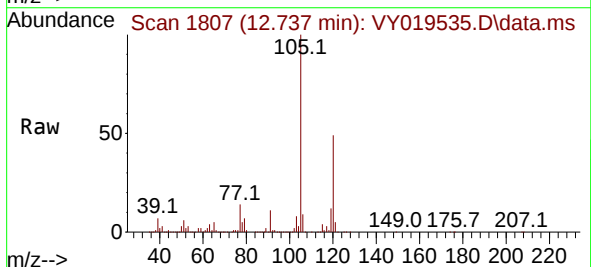
Acq: 13 Sep 2024 12:15

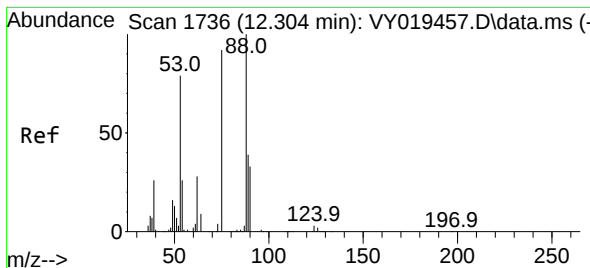
Tgt Ion: 105 Resp: 355371

Ion Ratio Lower Upper

105 100

120 48.1 25.1 75.2

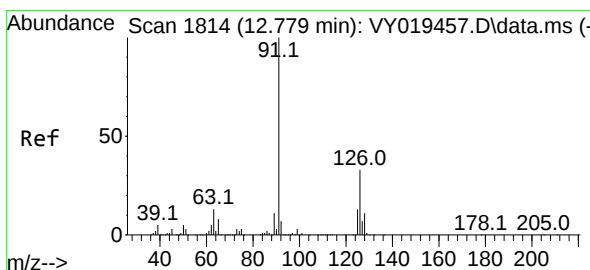
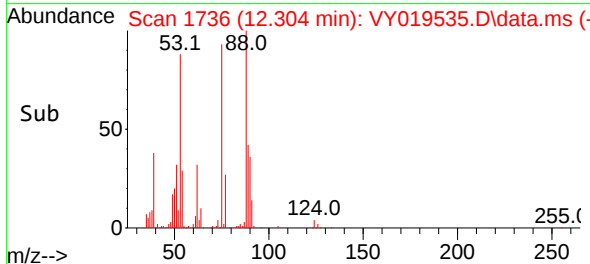
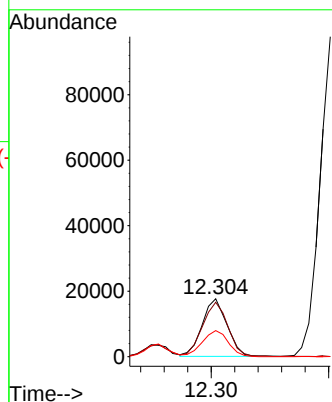
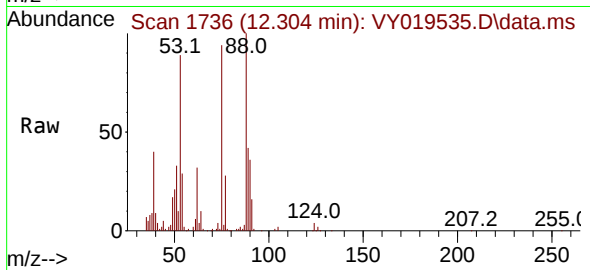




#81
trans-1,4-Dichloro-2-butene
Concen: 17.302 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

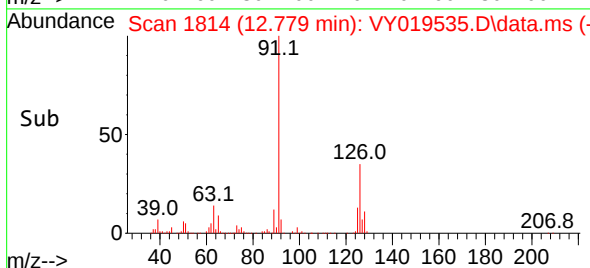
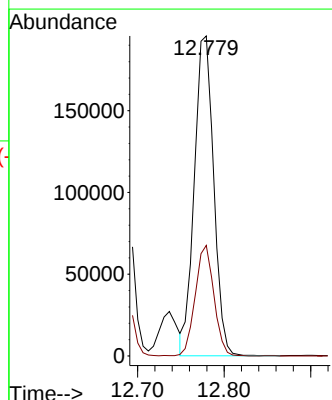
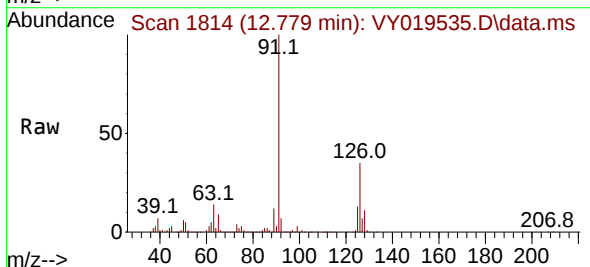
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

Tgt Ion: 75 Resp: 25677
Ion Ratio Lower Upper
75 100
53 97.2 66.8 100.2
89 47.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.397 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 91 Resp: 303742
Ion Ratio Lower Upper
91 100
126 33.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.210 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBS01

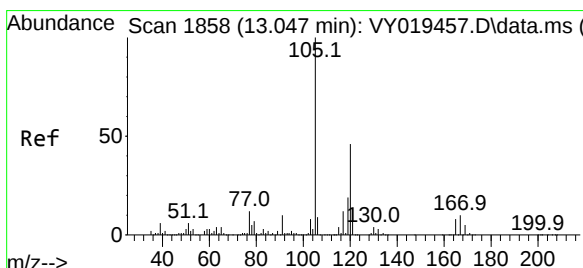
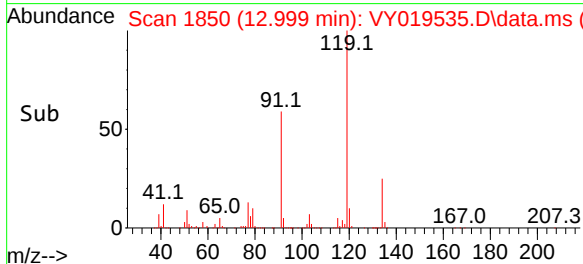
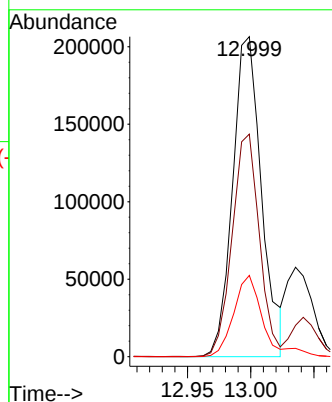
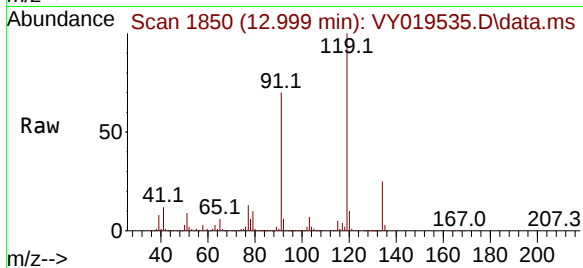
Tgt Ion:119 Resp: 327986

Ion Ratio Lower Upper

119 100

91 65.6 31.3 93.8

134 25.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.798 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019535.D

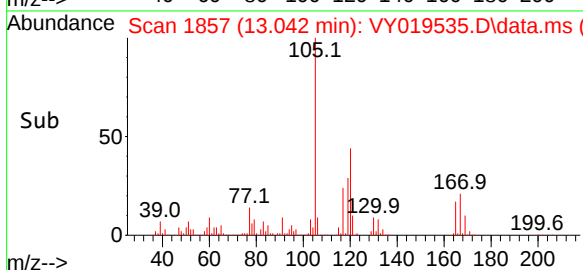
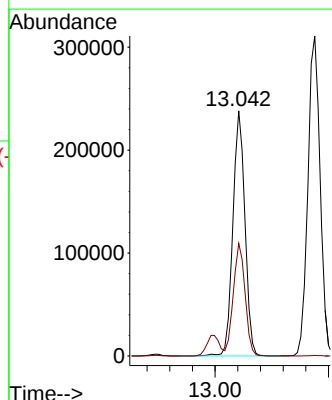
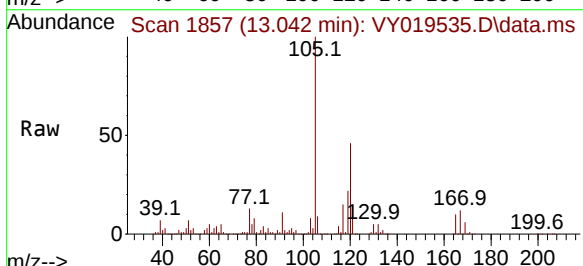
Acq: 13 Sep 2024 12:15

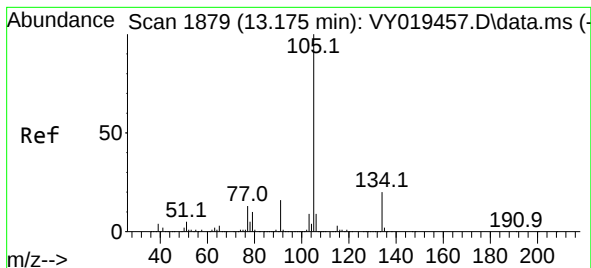
Tgt Ion:105 Resp: 351309

Ion Ratio Lower Upper

105 100

120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.730 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

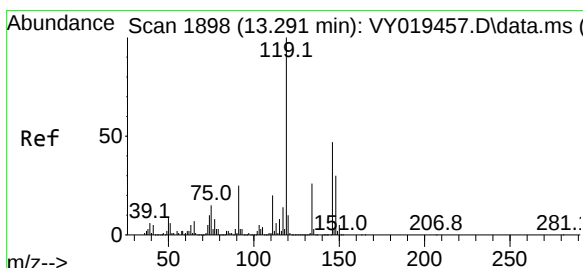
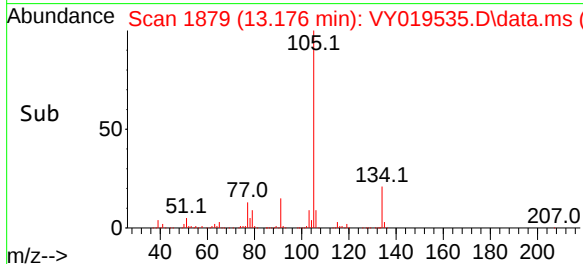
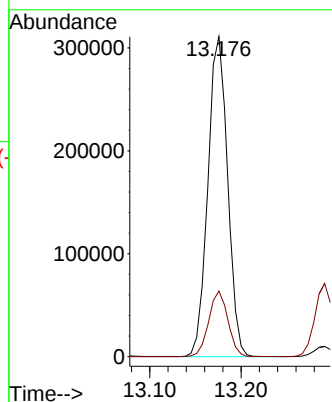
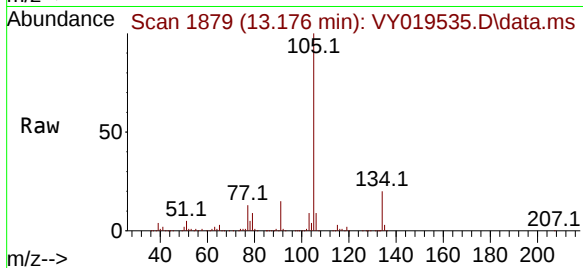
VY0913SBSD01

Tgt Ion:105 Resp: 465151

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.945 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

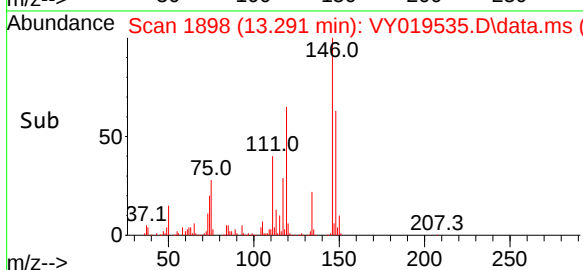
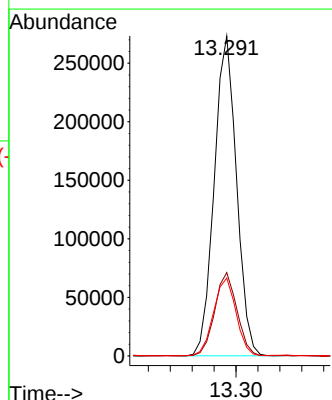
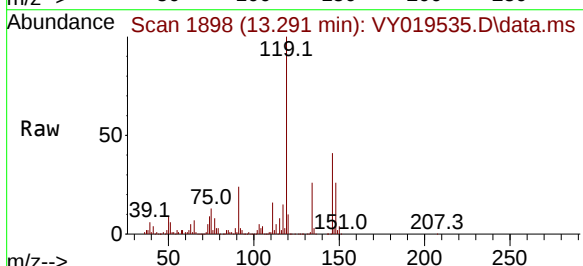
Tgt Ion:119 Resp: 384722

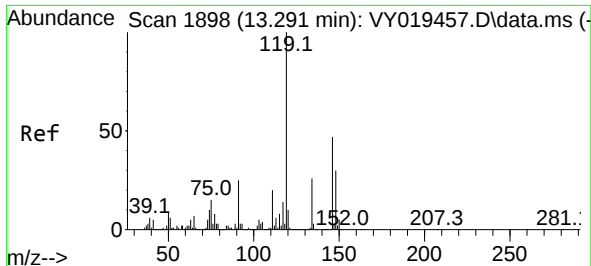
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.586 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBSD01

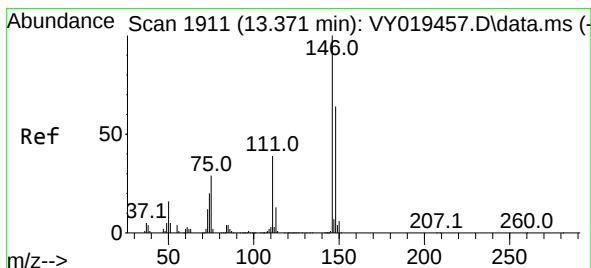
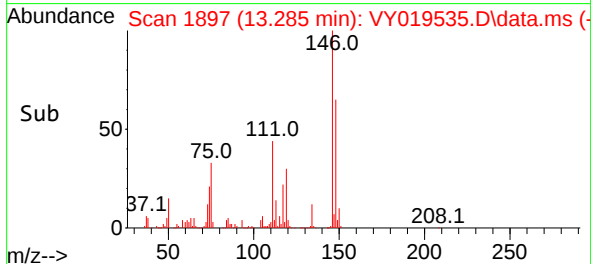
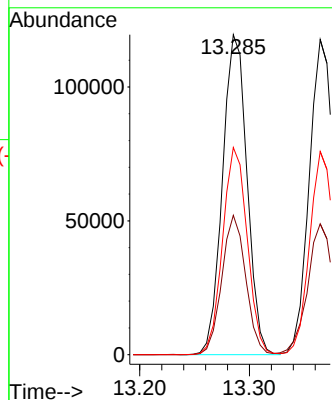
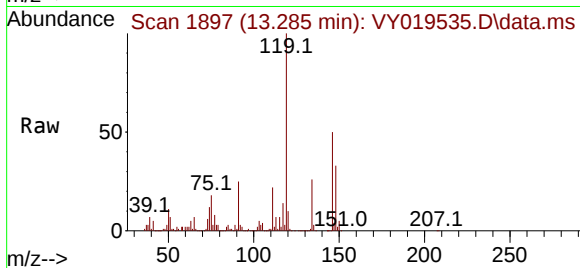
Tgt Ion:146 Resp: 186133

Ion Ratio Lower Upper

146 100

111 42.4 19.0 57.0

148 65.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.862 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

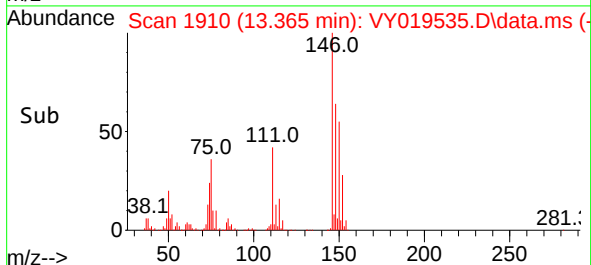
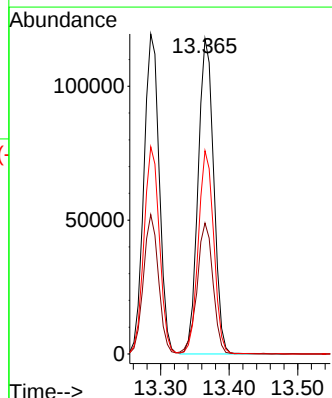
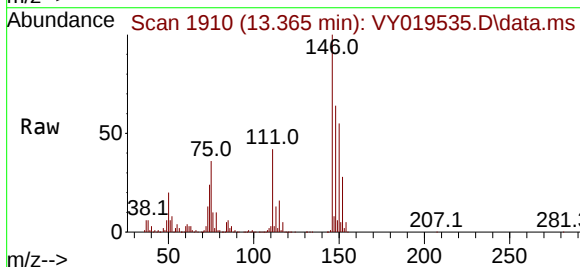
Tgt Ion:146 Resp: 187325

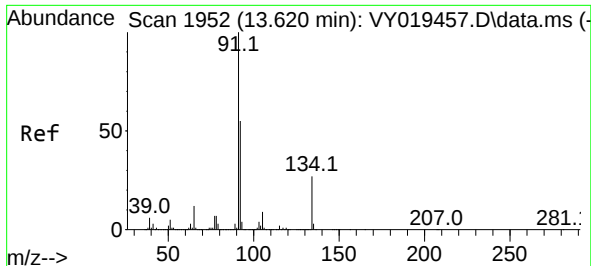
Ion Ratio Lower Upper

146 100

111 42.2 18.4 55.4

148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 19.832 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBSD01

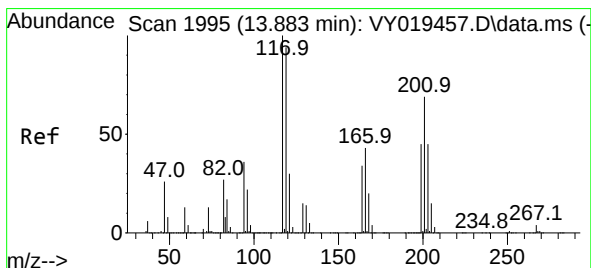
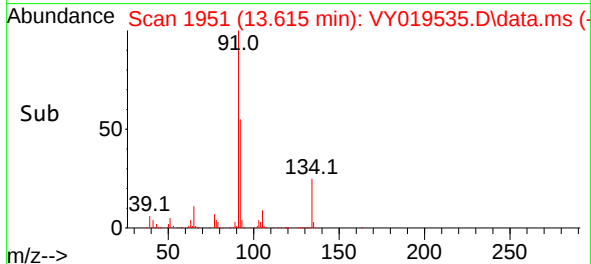
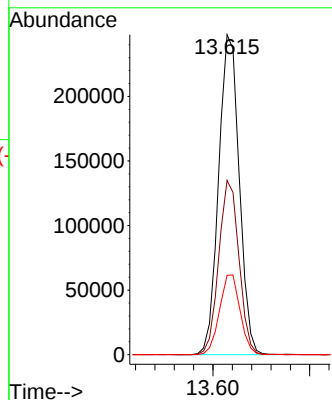
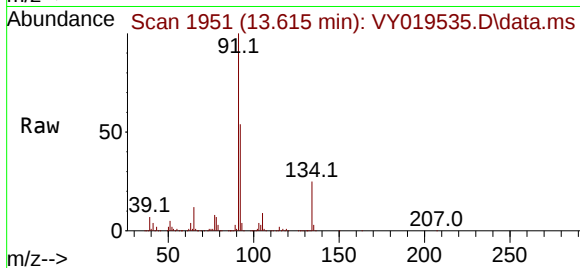
Tgt Ion: 91 Resp: 365702

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 25.0 12.9 38.7



#90

Hexachloroethane

Concen: 19.492 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019535.D

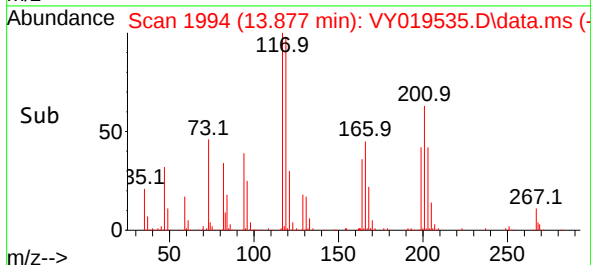
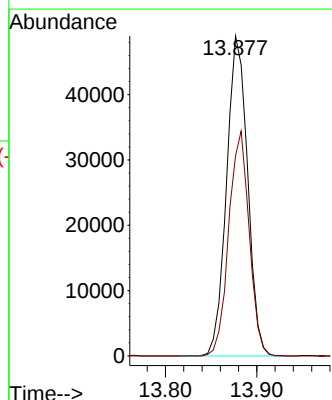
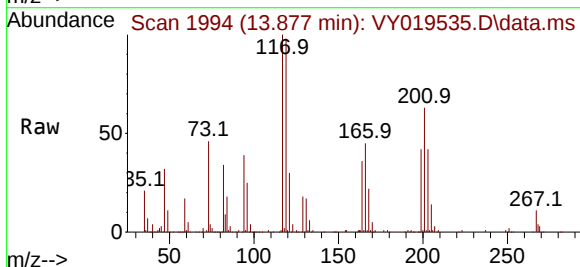
Acq: 13 Sep 2024 12:15

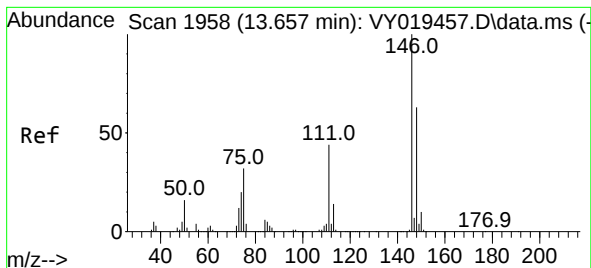
Tgt Ion: 117 Resp: 78230

Ion Ratio Lower Upper

117 100

201 68.1 37.4 112.2

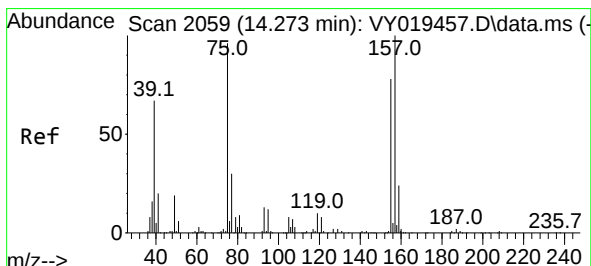
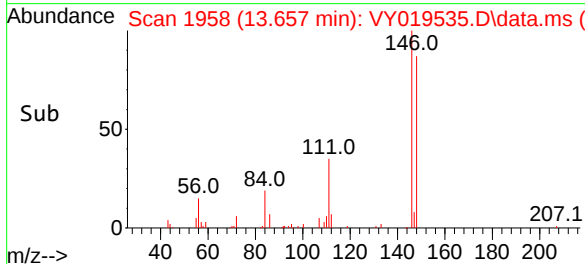
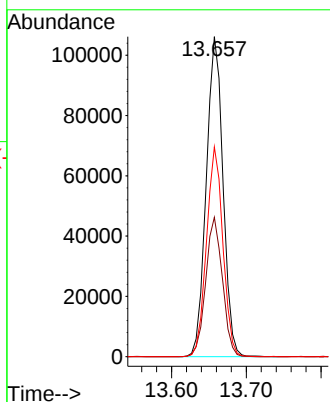
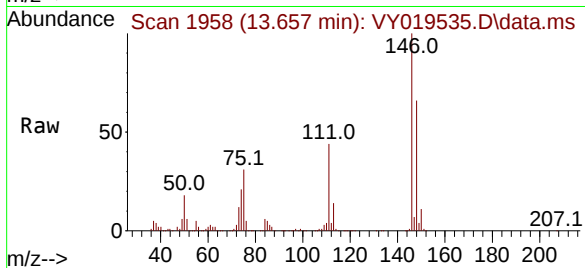




#91
1,2-Dichlorobenzene
Concen: 19.499 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

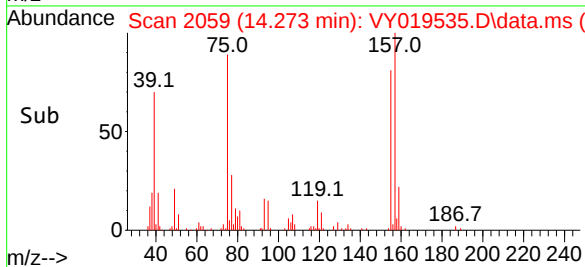
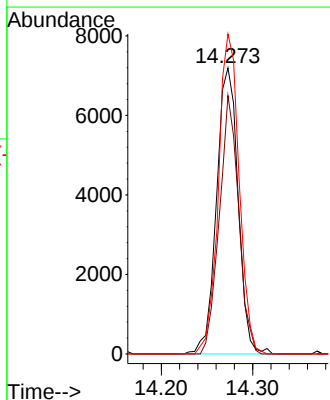
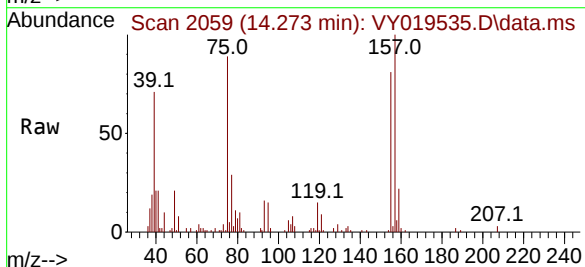
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBSD01

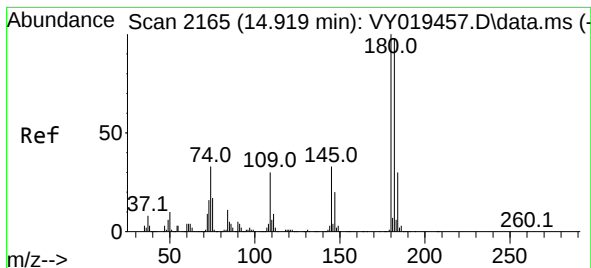
Tgt Ion:146 Resp: 165360
Ion Ratio Lower Upper
146 100
111 43.4 19.9 59.7
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.036 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019535.D
Acq: 13 Sep 2024 12:15

Tgt Ion: 75 Resp: 11765
Ion Ratio Lower Upper
75 100
155 81.3 48.6 145.8
157 108.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.282 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBS01

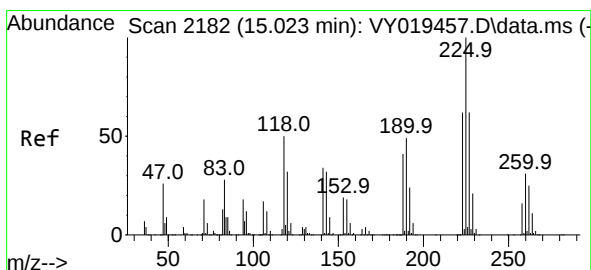
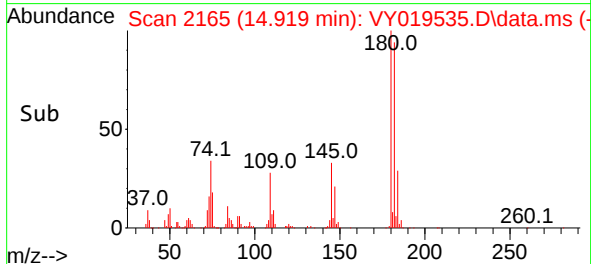
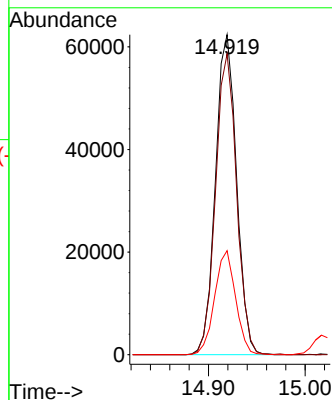
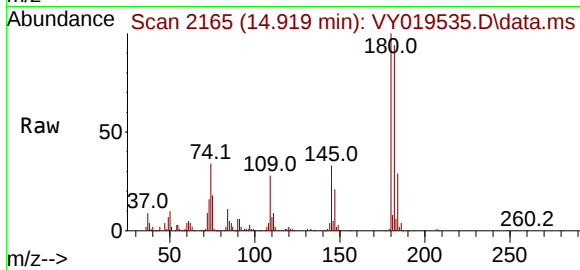
Tgt Ion:180 Resp: 94292

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.8

145 32.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.448 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

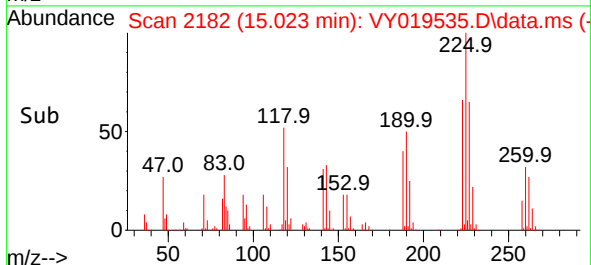
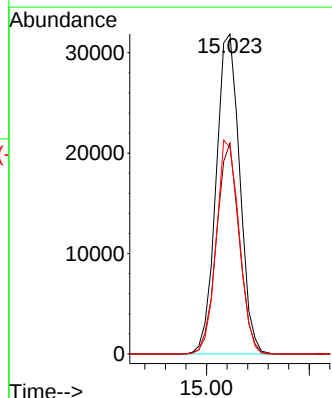
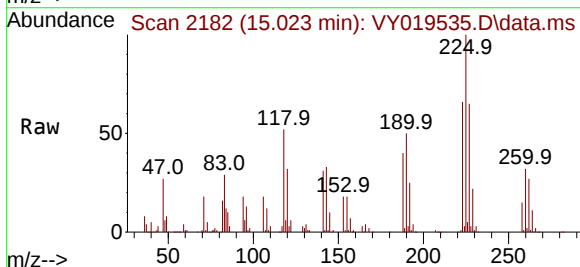
Tgt Ion:225 Resp: 50831

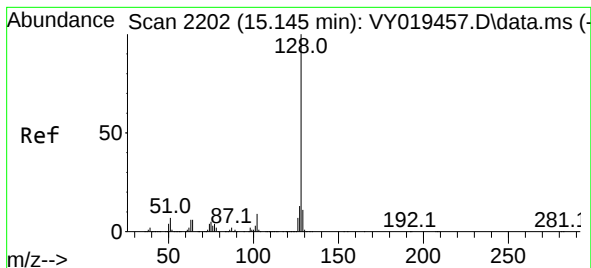
Ion Ratio Lower Upper

225 100

223 63.4 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 17.515 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBS01

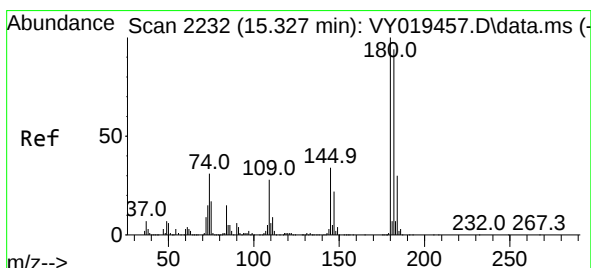
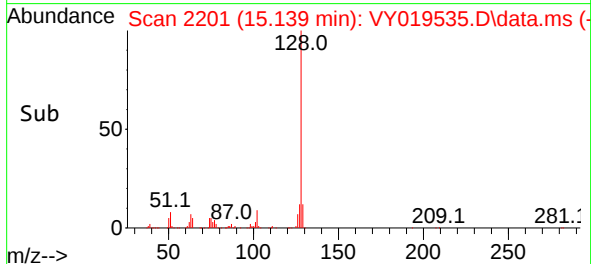
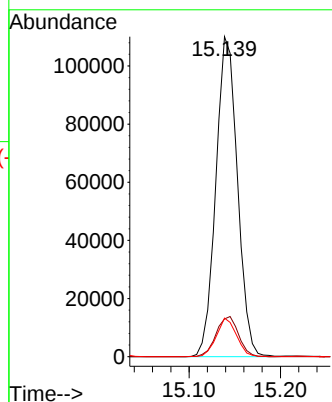
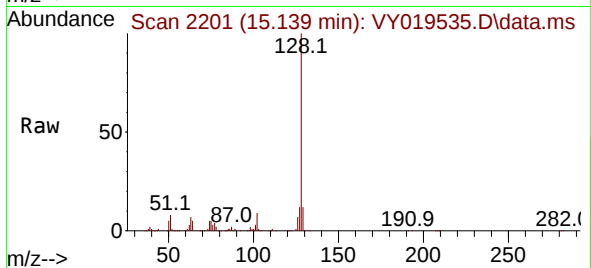
Tgt Ion:128 Resp: 180912

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.766 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019535.D

Acq: 13 Sep 2024 12:15

Tgt Ion:180 Resp: 78378

Ion Ratio Lower Upper

180 100

182 97.3 47.6 142.9

145 36.3 15.4 46.1

