

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019327.D
 Acq On : 28 Aug 2024 13:51
 Operator : SY/MD
 Sample : VY0828SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:32:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	97851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	153711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	133459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	66378	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	45848	46.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.480%
35) Dibromofluoromethane	7.628	113	49715	49.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.103	98	174724	48.308	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.408	95	58664	47.579	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.160%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	16059	22.369	ug/l	98
3) Chloromethane	2.062	50	22655	17.507	ug/l	97
4) Vinyl Chloride	2.196	62	28100	17.580	ug/l	90
5) Bromomethane	2.574	94	22793	19.782	ug/l	96
6) Chloroethane	2.720	64	19313	17.753	ug/l	95
7) Trichlorofluoromethane	3.037	101	39665	16.414	ug/l	92
8) Diethyl Ether	3.440	74	9654	18.508	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.799	101	23007	21.415	ug/l	95
10) Methyl Iodide	3.988	142	19678	18.687	ug/l	97
11) Tert butyl alcohol	4.842	59	7454	57.220	ug/l #	96
12) 1,1-Dichloroethene	3.769	96	20881	21.393	ug/l	94
13) Acrolein	3.641	56	6043	67.656	ug/l	99
14) Allyl chloride	4.373	41	25812	19.890	ug/l	92
15) Acrylonitrile	5.043	53	21978	102.974	ug/l	96
16) Acetone	3.854	43	20324	111.727	ug/l	89
17) Carbon Disulfide	4.086	76	51303	18.635	ug/l	100
18) Methyl Acetate	4.373	43	11871	21.263	ug/l	99
19) Methyl tert-butyl Ether	5.098	73	47885	20.236	ug/l	96
20) Methylene Chloride	4.598	84	26915	17.094	ug/l	99
21) trans-1,2-Dichloroethene	5.098	96	22232	20.387	ug/l	98
22) Diisopropyl ether	6.012	45	59812	20.133	ug/l	98
23) Vinyl Acetate	5.945	43	230978	98.204	ug/l	98
24) 1,1-Dichloroethane	5.897	63	38232	21.044	ug/l	97
25) 2-Butanone	6.884	43	29644	101.189	ug/l	93
26) 2,2-Dichloropropane	6.878	77	32495	22.087	ug/l	99
27) cis-1,2-Dichloroethene	6.872	96	26845	20.919	ug/l	98
28) Bromochloromethane	7.238	49	14155	18.573	ug/l	100
29) Tetrahydrofuran	7.250	42	18105	96.140	ug/l	96
30) Chloroform	7.409	83	43751	21.611	ug/l	99
31) Cyclohexane	7.689	56	31531	19.896	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	38876	21.851	ug/l	99
36) 1,1-Dichloropropene	7.829	75	29295	21.226	ug/l	98
37) Ethyl Acetate	6.976	43	13317	21.779	ug/l	97
38) Carbon Tetrachloride	7.805	117	34938	21.844	ug/l	98
39) Methylcyclohexane	9.103	83	36620	20.677	ug/l	95
40) Benzene	8.067	78	88913	21.006	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	9461	28.348	ug/l #	37
42) 1,2-Dichloroethane	8.146	62	24450	21.391	ug/l	99
43) Isopropyl Acetate	8.189	43	24851	20.096	ug/l #	84
44) Trichloroethene	8.860	130	25238	21.369	ug/l	98
45) 1,2-Dichloropropane	9.134	63	20383	21.614	ug/l	98
46) Dibromomethane	9.225	93	12611	20.617	ug/l	95
47) Bromodichloromethane	9.420	83	32559	21.696	ug/l	100
48) Methyl methacrylate	9.219	41	11673	21.181	ug/l	89
49) 1,4-Dioxane	9.219	88	3194	431.066	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	67656	103.080	ug/l	95
52) Toluene	10.170	92	58951	21.217	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	26354	21.170	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	31860	21.281	ug/l #	86
55) 1,1,2-Trichloroethane	10.567	97	17220	21.869	ug/l	96
56) Ethyl methacrylate	10.439	69	22072	21.415	ug/l #	87
57) 1,3-Dichloropropane	10.719	76	28113	21.901	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	47678	97.512	ug/l	92
59) 2-Hexanone	10.762	43	48755	108.123	ug/l	94
60) Dibromochloromethane	10.914	129	23377	21.797	ug/l	100
61) 1,2-Dibromoethane	11.012	107	16501	21.681	ug/l	99
64) Tetrachloroethene	10.646	164	29352	25.162	ug/l	91
65) Chlorobenzene	11.438	112	67775	22.055	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	23205	21.472	ug/l	97
67) Ethyl Benzene	11.518	91	111628	20.928	ug/l	96
68) m/p-Xylenes	11.627	106	91261	43.121	ug/l	98
69) o-Xylene	11.957	106	41387	21.117	ug/l	99
70) Styrene	11.969	104	72603	21.723	ug/l	98
71) Bromoform	12.133	173	13076	21.166	ug/l #	99
73) Isopropylbenzene	12.255	105	111197	21.857	ug/l	99
74) N-amyl acetate	12.072	43	22803	20.555	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	18508	20.434	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	23957	36.597	ug/l #	100
77) Bromobenzene	12.530	156	26756	21.898	ug/l	94
78) n-propylbenzene	12.597	91	132055	21.713	ug/l	97
79) 2-Chlorotoluene	12.682	91	74386	21.816	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	90367	21.804	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	5327	20.097	ug/l	86
82) 4-Chlorotoluene	12.780	91	77520	21.852	ug/l	98
83) tert-Butylbenzene	12.999	119	81433	21.276	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	89005	21.547	ug/l	99
85) sec-Butylbenzene	13.176	105	122112	21.893	ug/l	99
86) p-Isopropyltoluene	13.292	119	100535	21.944	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	53829	22.340	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	51176	21.366	ug/l	98
89) n-Butylbenzene	13.621	91	91606	21.931	ug/l	98
90) Hexachloroethane	13.883	117	19746	21.867	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	45201	21.329	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2618	19.648	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	25933	21.699	ug/l	100
94) Hexachlorobutadiene	15.029	225	15097	24.252	ug/l	96
95) Naphthalene	15.145	128	43156	20.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	22392	22.215	ug/l	99

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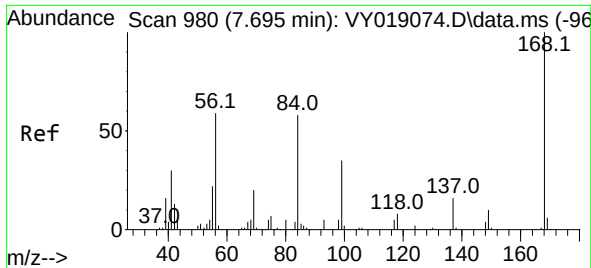
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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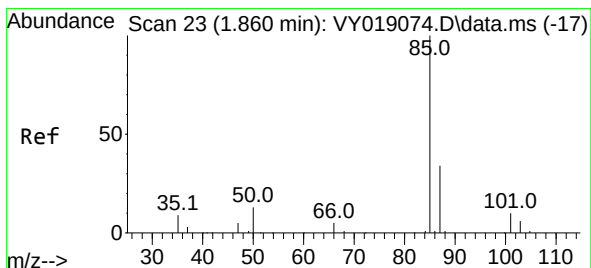
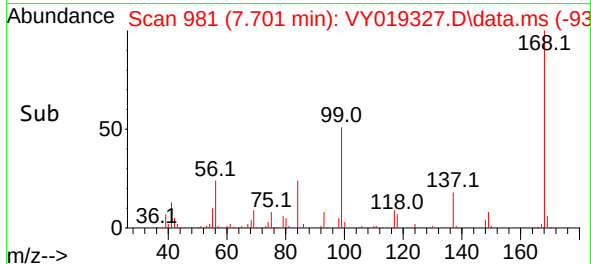
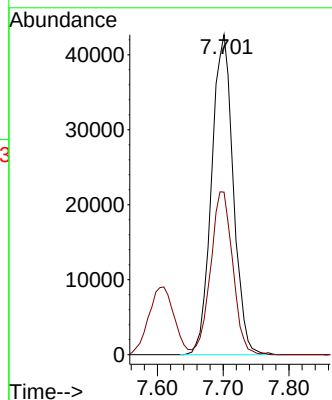
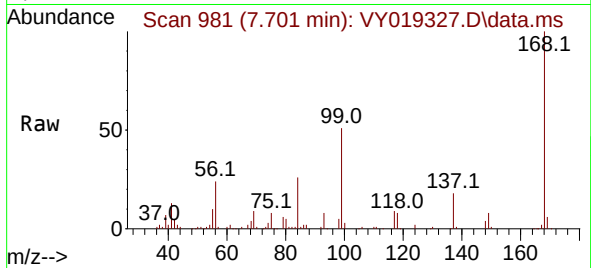




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019327.D
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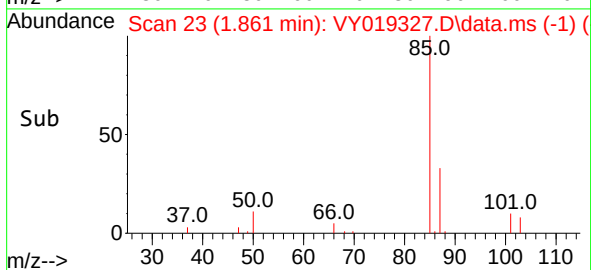
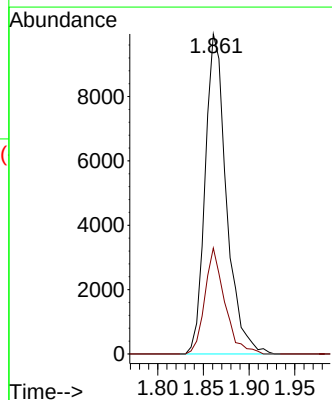
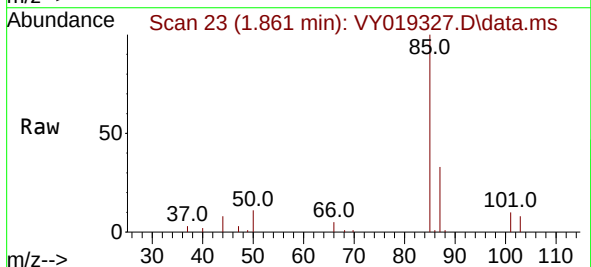
Instrument :
MSVOA_Y
ClientSampleId :

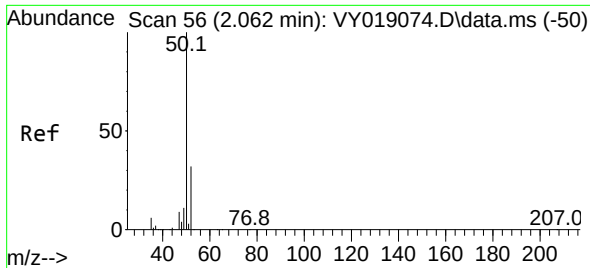
Tgt Ion:168 Resp: 97851
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 22.369 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 85 Resp: 16059
Ion Ratio Lower Upper
85 100
87 33.1 16.0 48.0

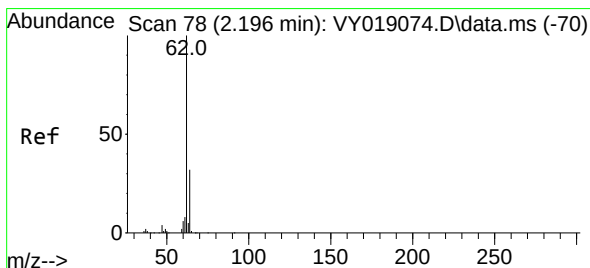
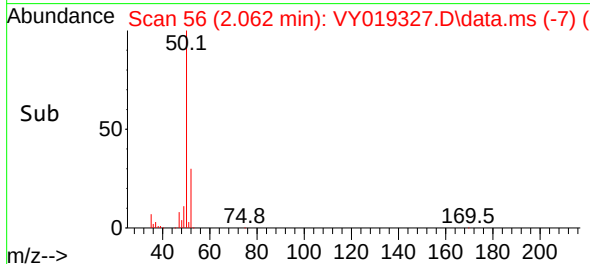
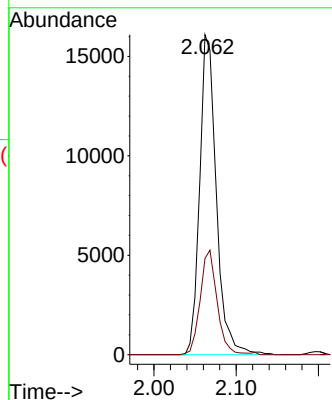
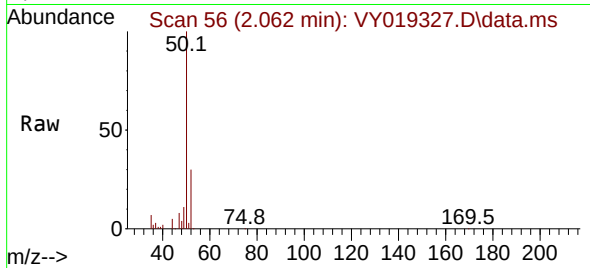




#3
Chloromethane
Concen: 17.507 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

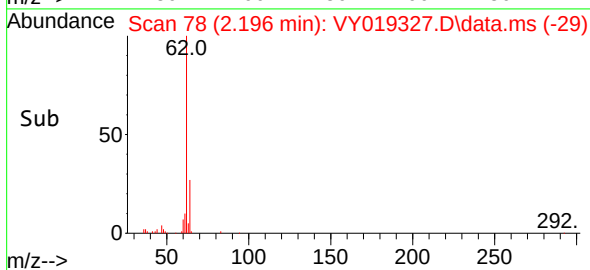
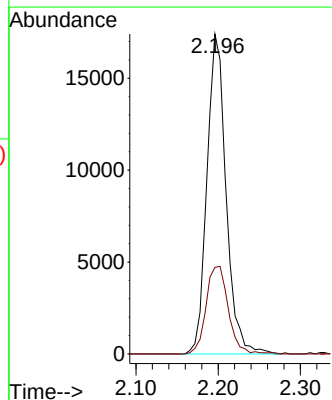
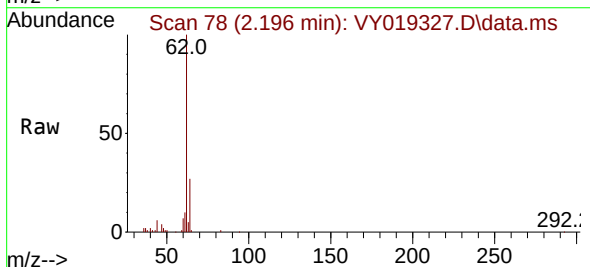
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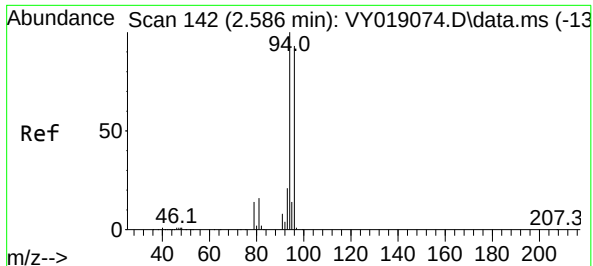
Tgt Ion: 50 Resp: 22655
Ion Ratio Lower Upper
50 100
52 30.1 25.6 38.4



#4
Vinyl Chloride
Concen: 17.580 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

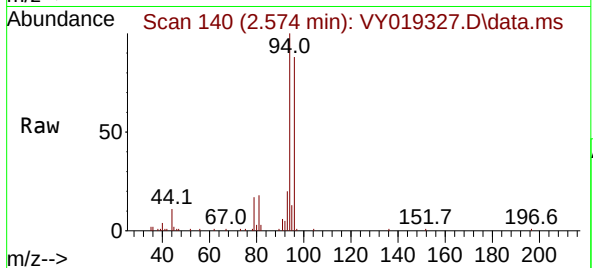
Tgt Ion: 62 Resp: 28100
Ion Ratio Lower Upper
62 100
64 27.0 26.1 39.1



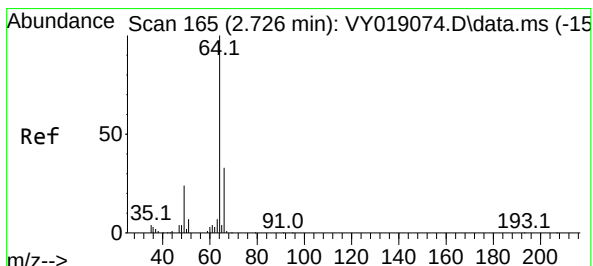
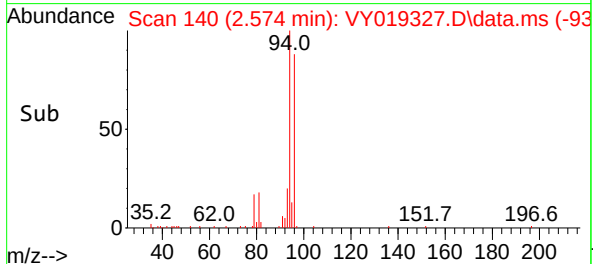
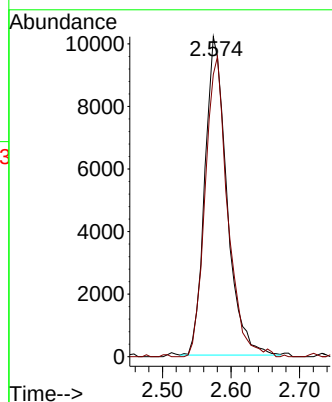


#5
Bromomethane
Concen: 19.782 ug/l
RT: 2.574 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :

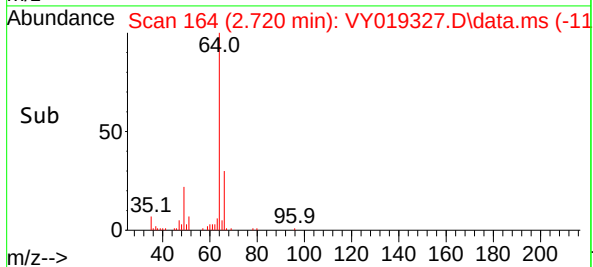
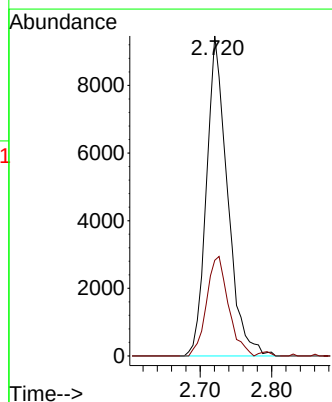
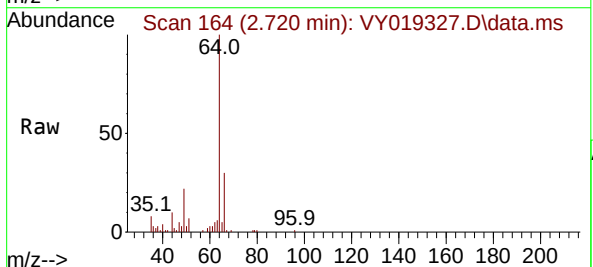


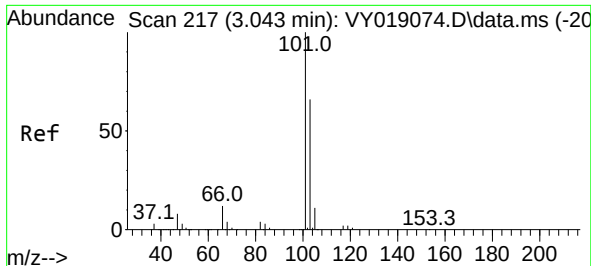
Tgt Ion: 94 Resp: 22793
Ion Ratio Lower Upper
94 100
96 88.7 74.1 111.1



#6
Chloroethane
Concen: 17.753 ug/l
RT: 2.720 min Scan# 164
Delta R.T. -0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 64 Resp: 19313
Ion Ratio Lower Upper
64 100
66 29.9 26.1 39.1

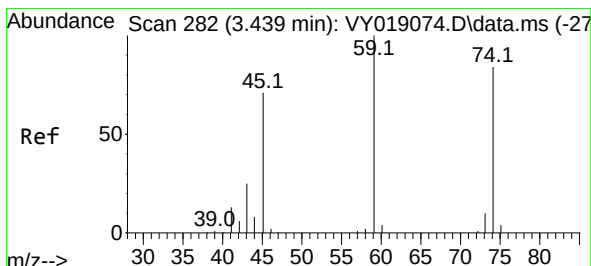
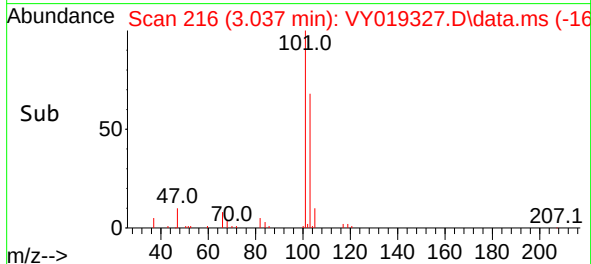
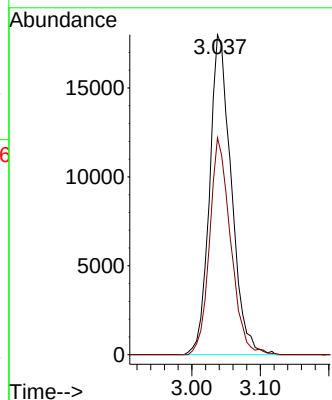
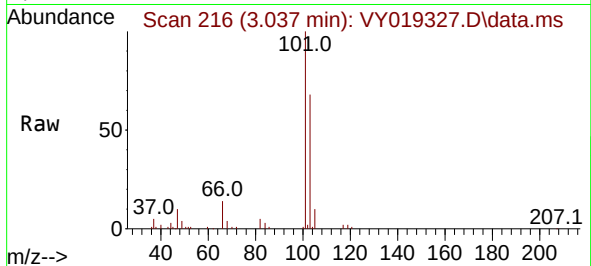




#7
 Trichlorofluoromethane
 Concen: 16.414 ug/l
 RT: 3.037 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VY019327.D
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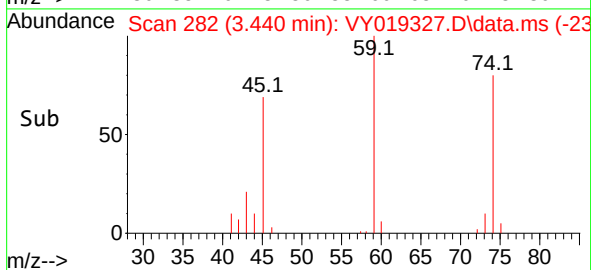
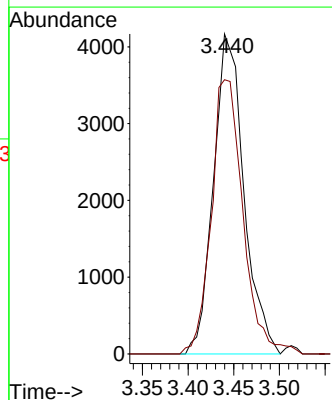
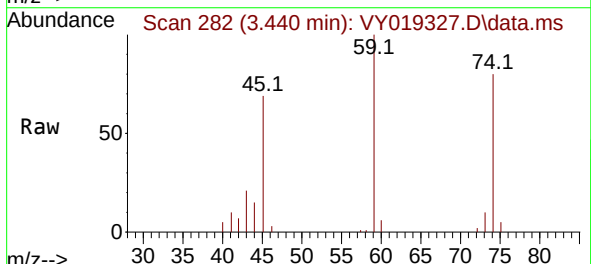
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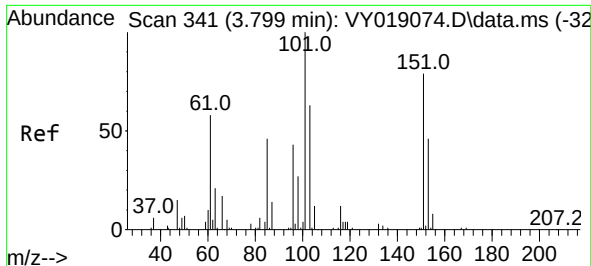
Tgt Ion:101 Resp: 39665
 Ion Ratio Lower Upper
 101 100
 103 67.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.508 ug/l
 RT: 3.440 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY019327.D
 Acq: 28 Aug 2024 13:51

Tgt Ion: 74 Resp: 9654
 Ion Ratio Lower Upper
 74 100
 45 89.1 41.3 124.1

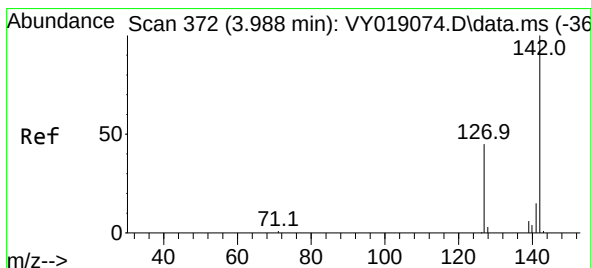
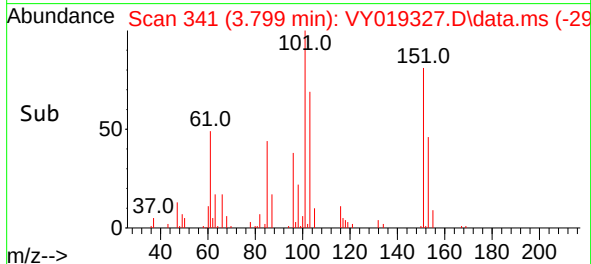
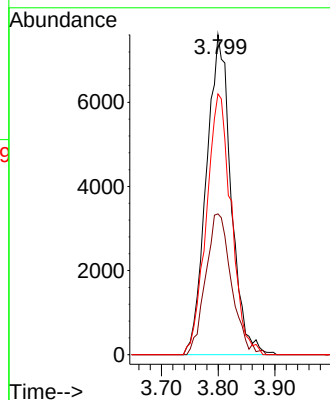
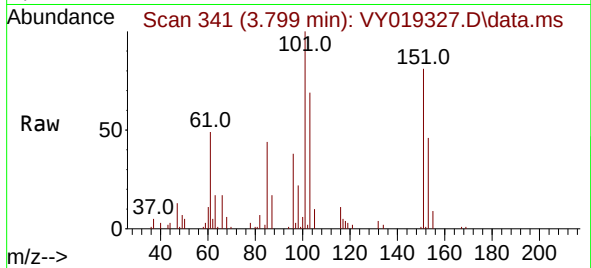




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.415 ug/l
 RT: 3.799 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY019327.D
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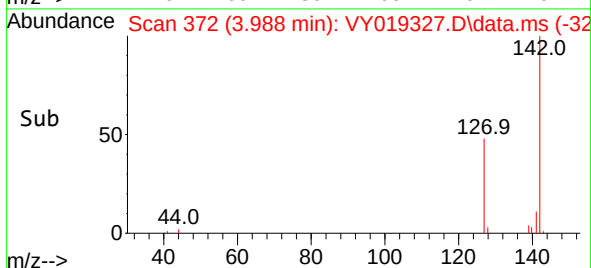
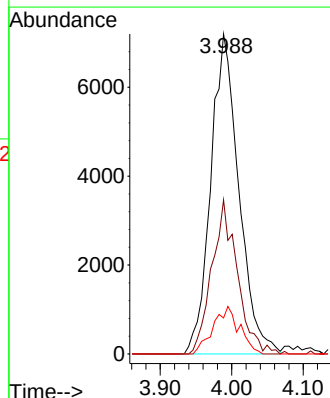
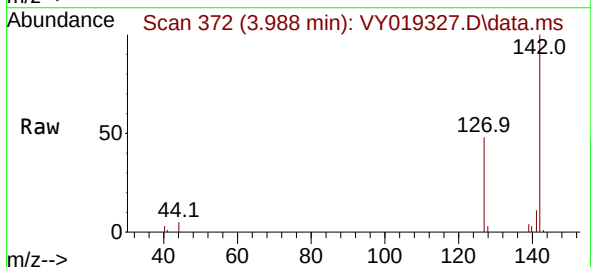
Instrument :
 MSVOA_Y
 ClientSampleId :

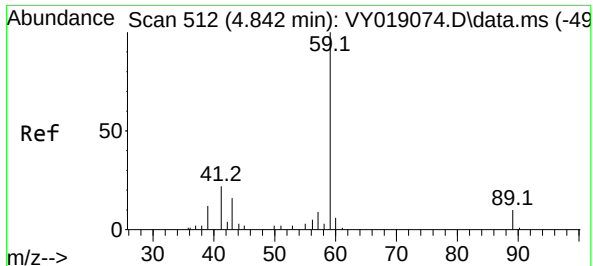
Tgt Ion:101 Resp: 23007
 Ion Ratio Lower Upper
 101 100
 85 46.0 34.5 51.7
 151 82.3 61.7 92.5



#10
 Methyl Iodide
 Concen: 18.687 ug/l
 RT: 3.988 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY019327.D
 Acq: 28 Aug 2024 13:51

Tgt Ion:142 Resp: 19678
 Ion Ratio Lower Upper
 142 100
 127 43.7 32.8 49.2
 141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 57.220 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

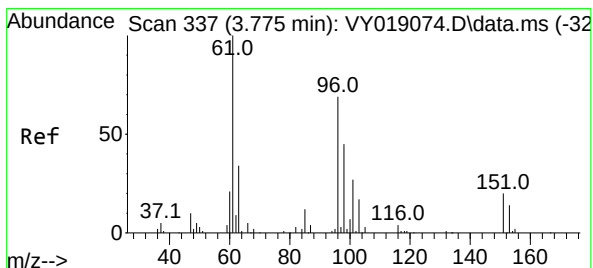
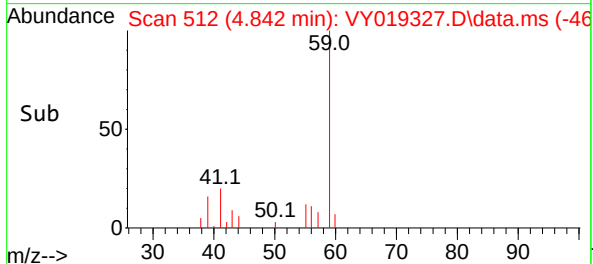
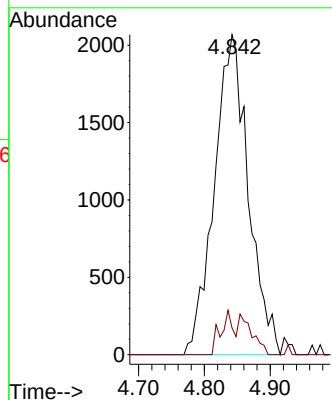
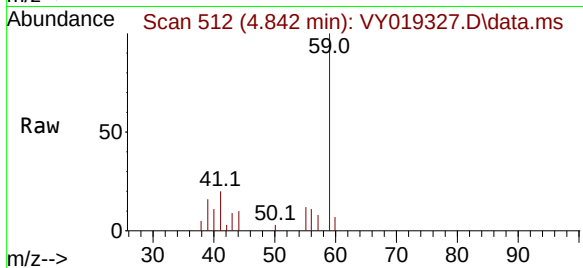
ClientSampleId :

Tgt Ion: 59 Resp: 7454

Ion Ratio Lower Upper

59 100

57 5.1 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 21.393 ug/l

RT: 3.769 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

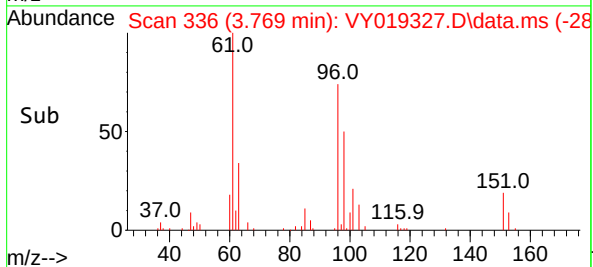
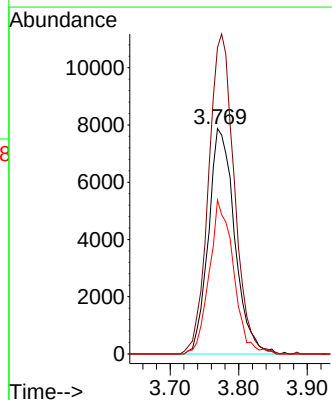
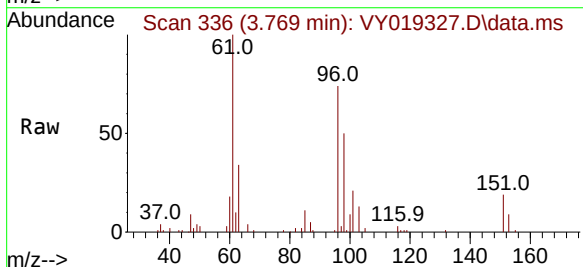
Tgt Ion: 96 Resp: 20881

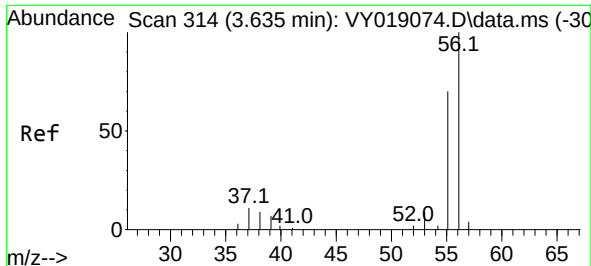
Ion Ratio Lower Upper

96 100

61 135.9 114.6 171.8

98 68.3 50.8 76.2





#13

Acrolein

Concen: 67.656 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

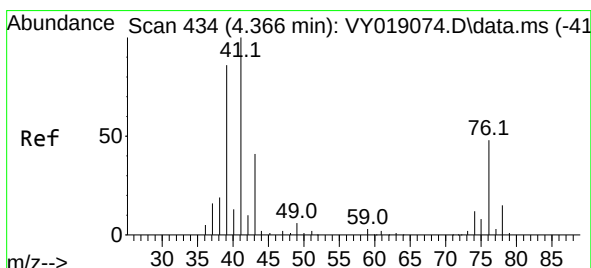
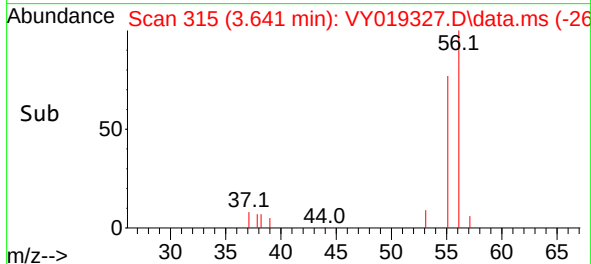
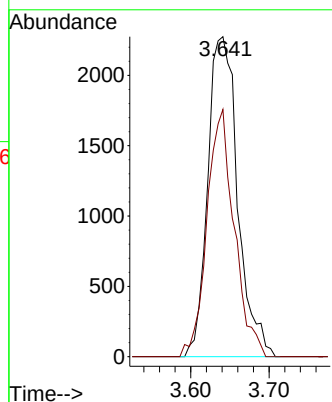
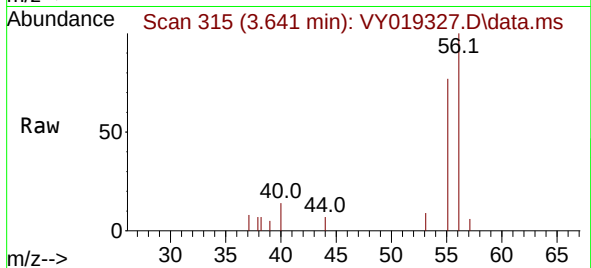
ClientSampleId :

Tgt Ion: 56 Resp: 6043

Ion Ratio Lower Upper

56 100

55 70.3 55.7 83.5



#14

Allyl chloride

Concen: 19.890 ug/l

RT: 4.373 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

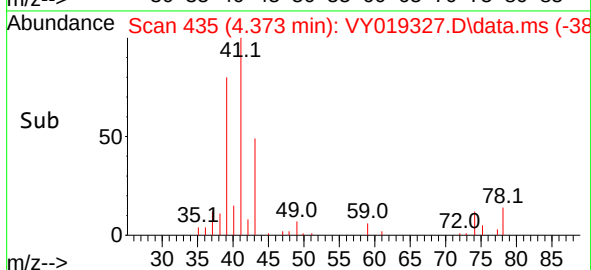
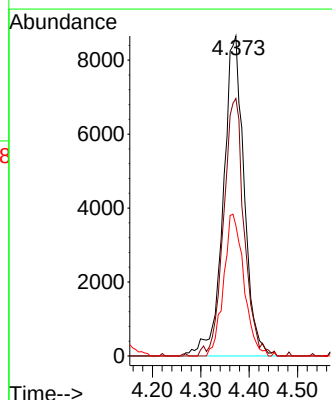
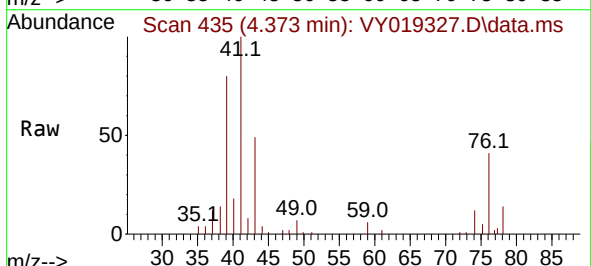
Tgt Ion: 41 Resp: 25812

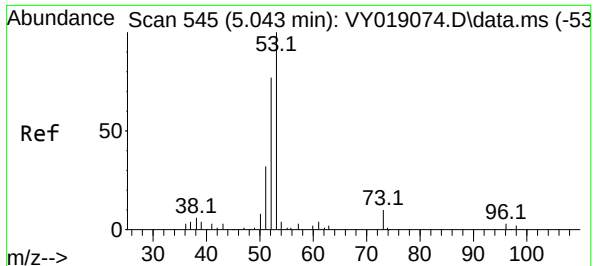
Ion Ratio Lower Upper

41 100

39 79.6 58.3 87.5

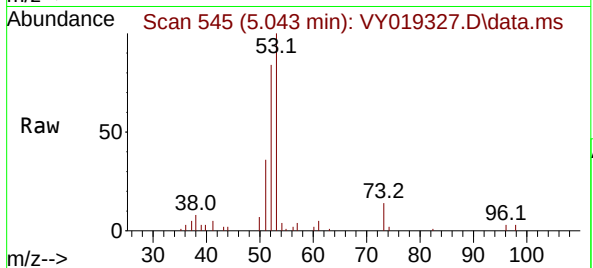
76 43.1 39.0 58.6



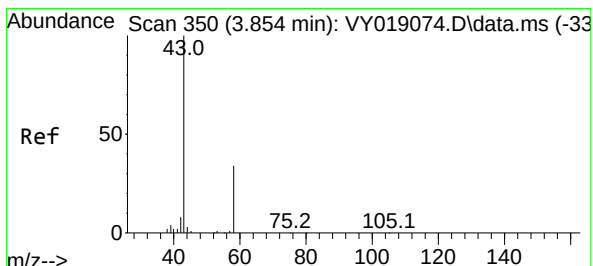
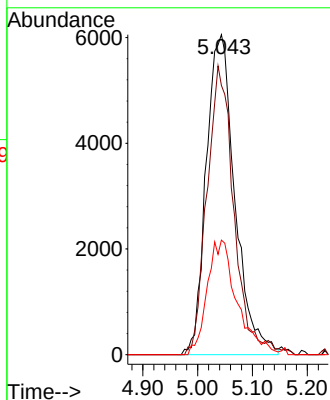
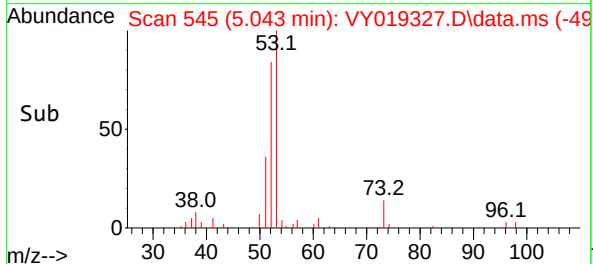


#15
Acrylonitrile
Concen: 102.974 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :

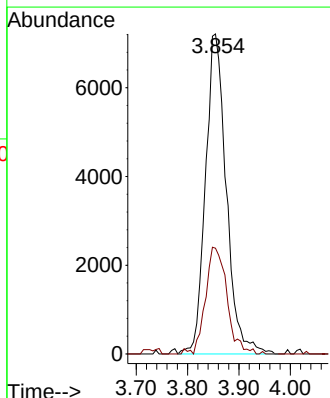
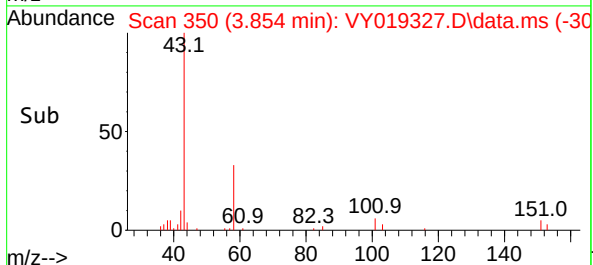
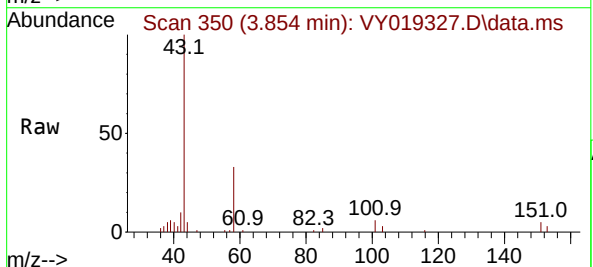


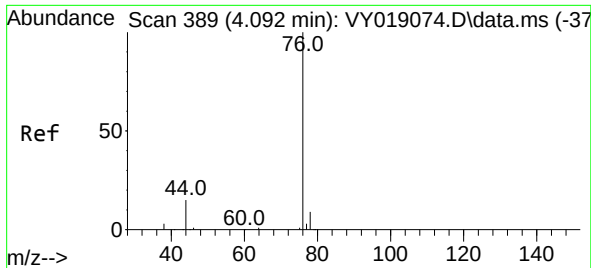
Tgt Ion:	53	Resp:	21978
Ion	Ratio	Lower	Upper
53	100		
52	85.0	64.7	97.1
51	37.3	28.4	42.6



#16
Acetone
Concen: 111.727 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion:	43	Resp:	20324
Ion	Ratio	Lower	Upper
43	100		
58	33.1	31.7	47.5

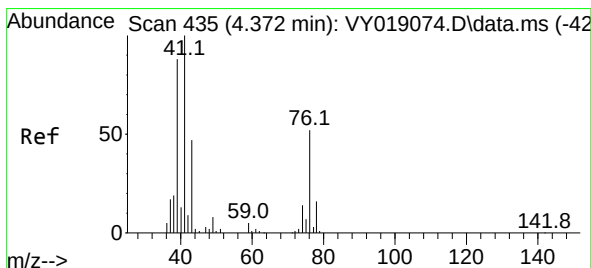
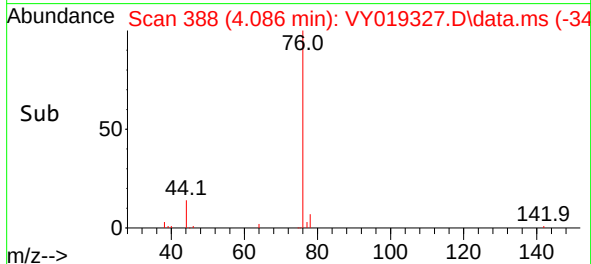
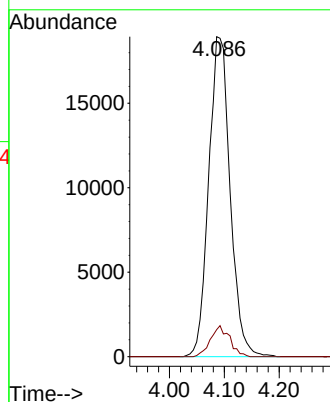
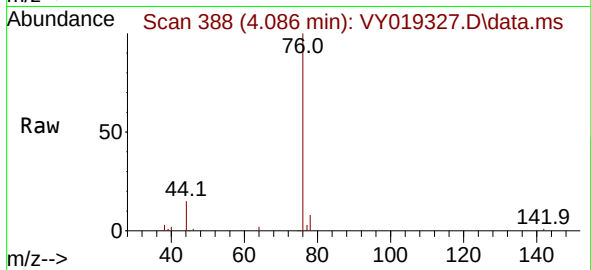




#17
Carbon Disulfide
Concen: 18.635 ug/l
RT: 4.086 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

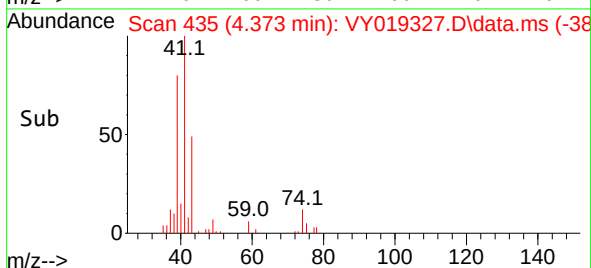
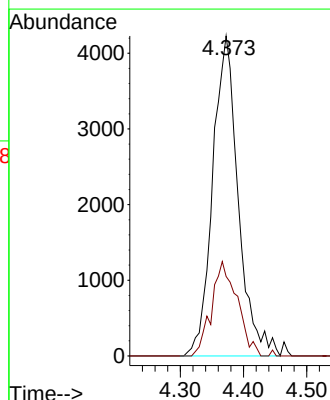
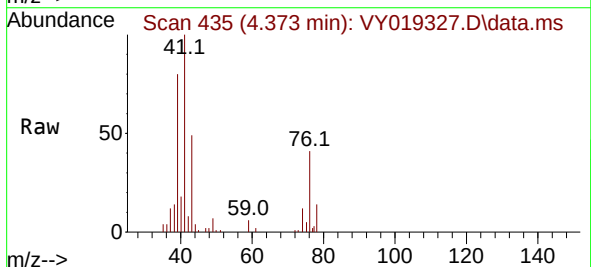
Instrument :
MSVOA_Y
ClientSampleId :

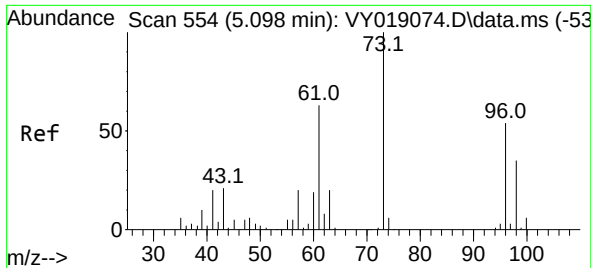
Tgt Ion: 76 Resp: 51303
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 21.263 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 43 Resp: 11871
Ion Ratio Lower Upper
43 100
74 29.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.236 ug/l

RT: 5.098 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

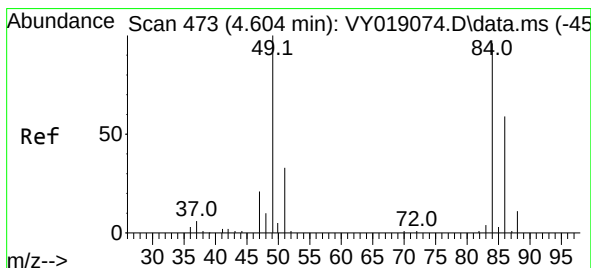
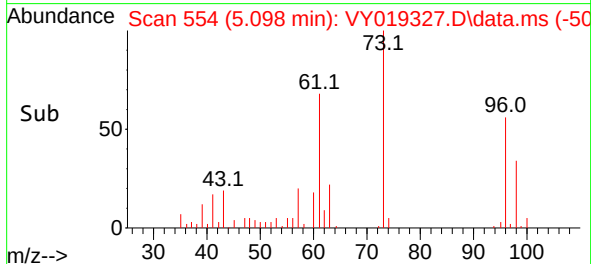
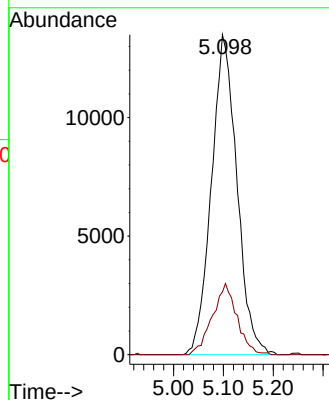
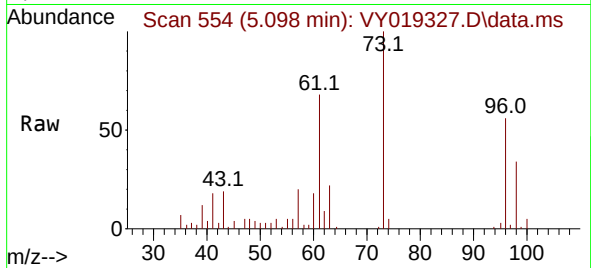
ClientSampleId :

Tgt Ion: 73 Resp: 47885

Ion Ratio Lower Upper

73 100

57 19.6 17.3 25.9



#20

Methylene Chloride

Concen: 17.094 ug/l

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Tgt Ion: 84 Resp: 26915

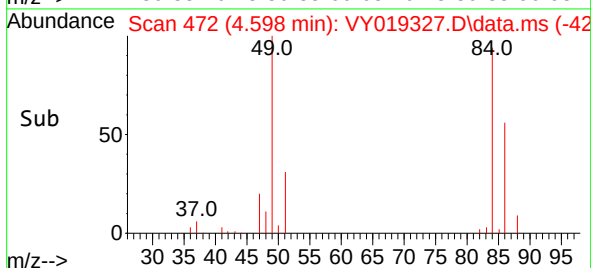
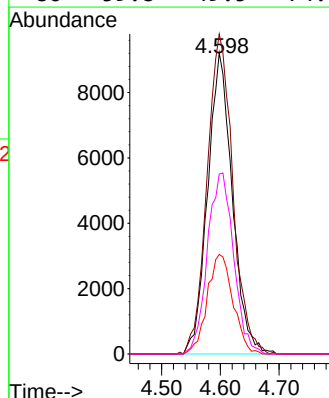
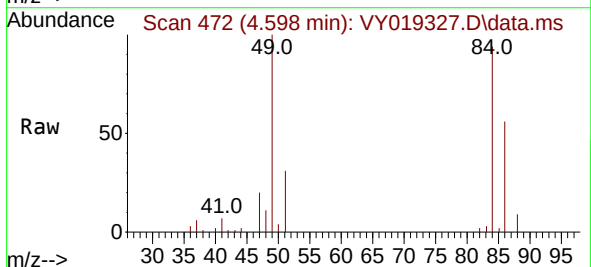
Ion Ratio Lower Upper

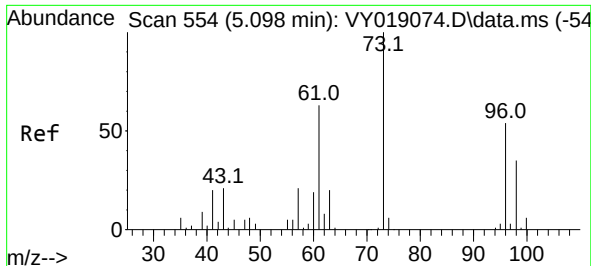
84 100

49 106.3 84.4 126.6

51 33.0 26.0 39.0

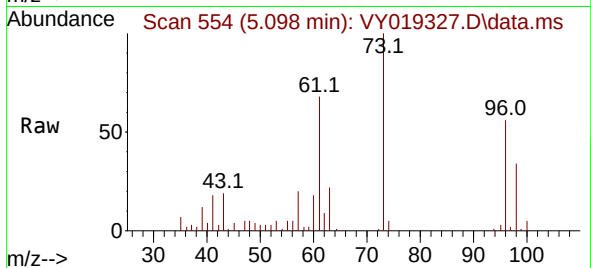
86 59.8 49.5 74.3



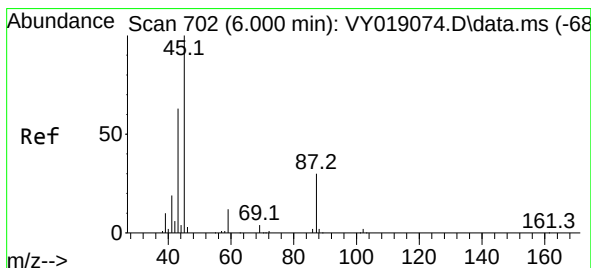
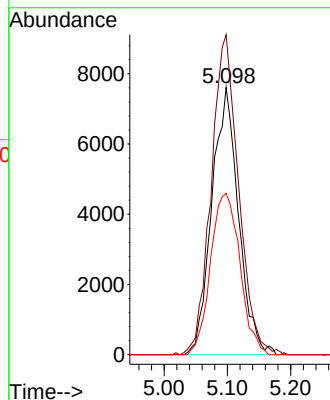
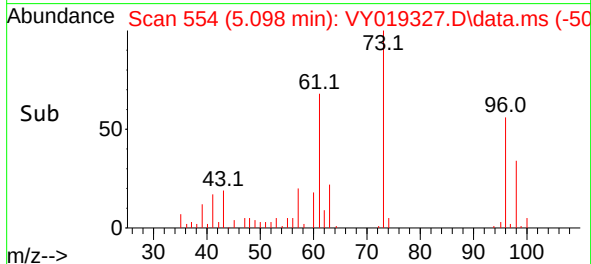


#21
trans-1,2-Dichloroethene
Concen: 20.387 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :

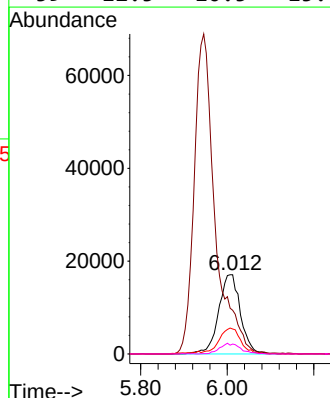
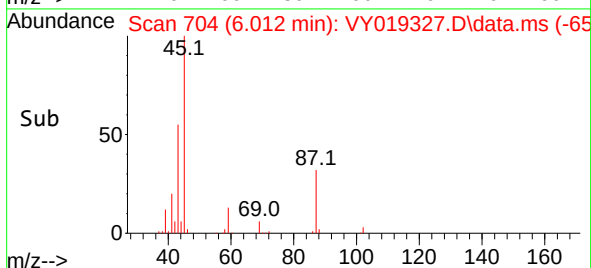
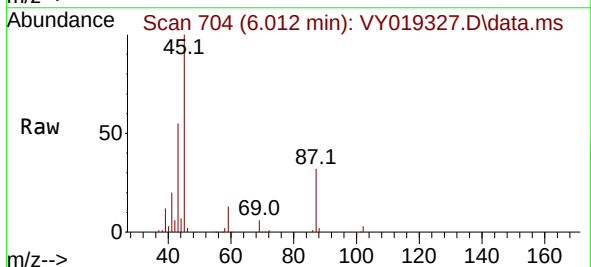


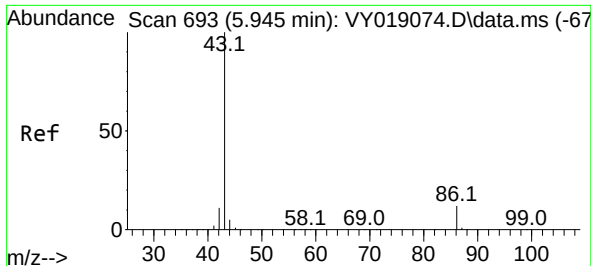
Tgt Ion: 96 Resp: 22232
Ion Ratio Lower Upper
96 100
61 119.7 97.5 146.3
98 60.4 50.5 75.7



#22
Diisopropyl ether
Concen: 20.133 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.013 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 45 Resp: 59812
Ion Ratio Lower Upper
45 100
43 54.2 42.2 63.2
87 31.6 25.0 37.6
59 12.5 10.5 15.7

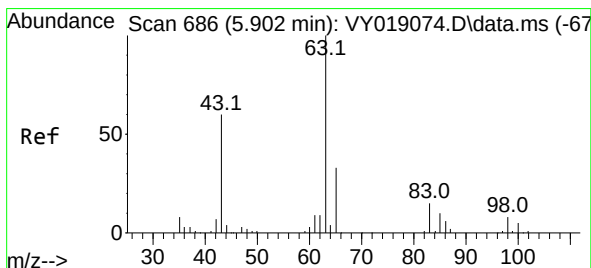
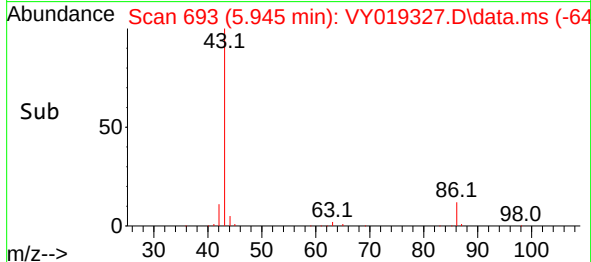
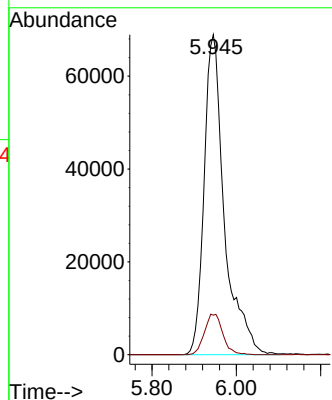
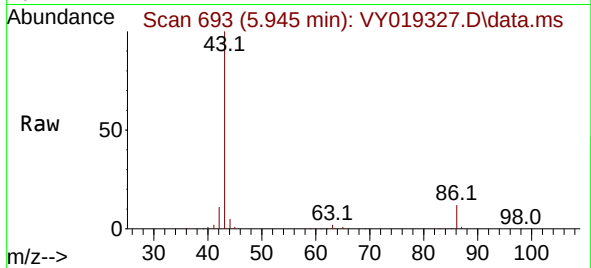




#23
 Vinyl Acetate
 Concen: 98.204 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019327.D
 Acq: 28 Aug 2024 13:51

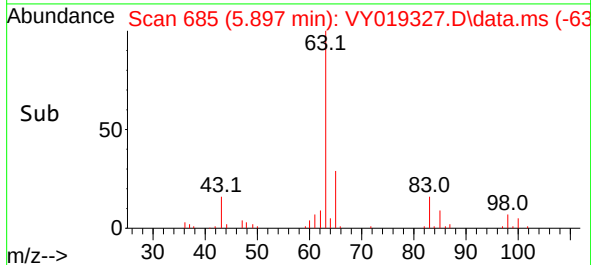
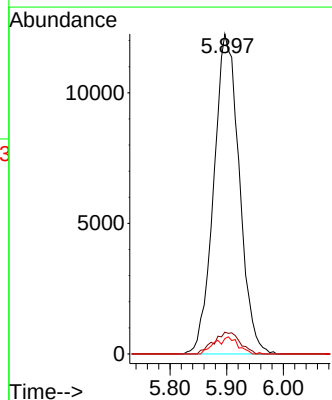
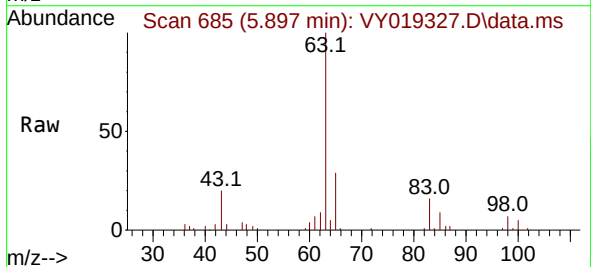
Instrument :
 MSVOA_Y
 ClientSampleId :

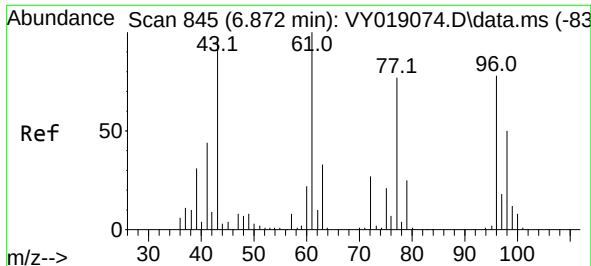
Tgt Ion: 43 Resp: 230978
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.044 ug/l
 RT: 5.897 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY019327.D
 Acq: 28 Aug 2024 13:51

Tgt Ion: 63 Resp: 38232
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 101.189 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.013 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

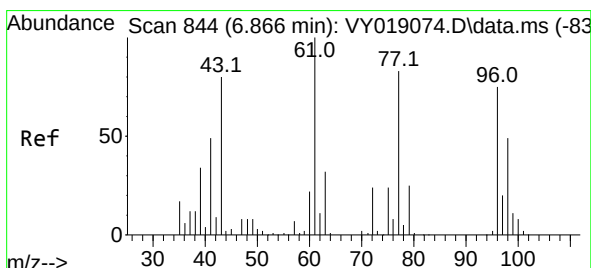
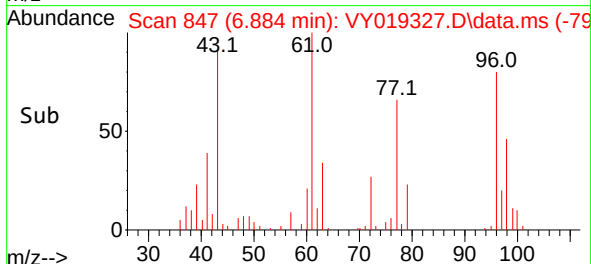
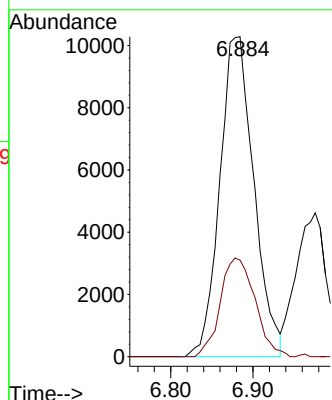
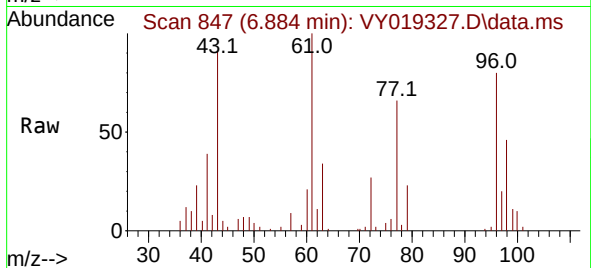
ClientSampleId :

Tgt Ion: 43 Resp: 29644

Ion Ratio Lower Upper

43 100

72 30.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 22.087 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.013 min

Lab File: VY019327.D

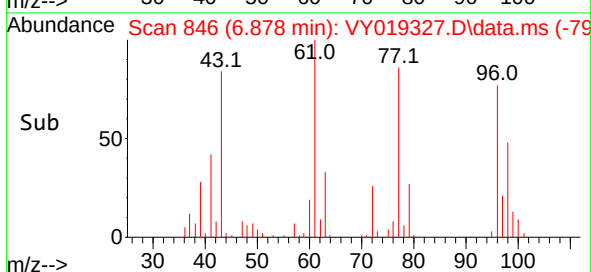
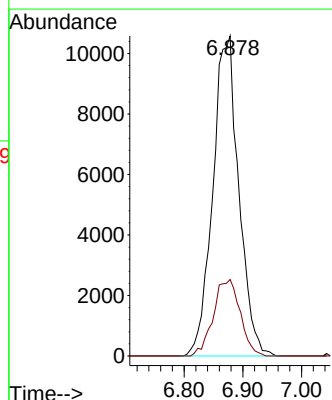
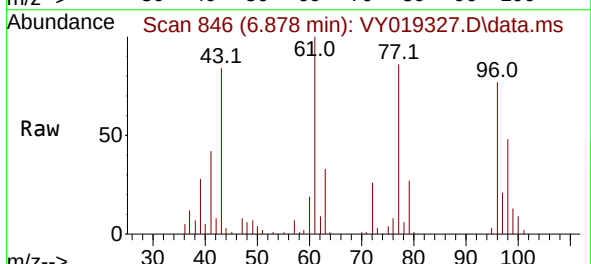
Acq: 28 Aug 2024 13:51

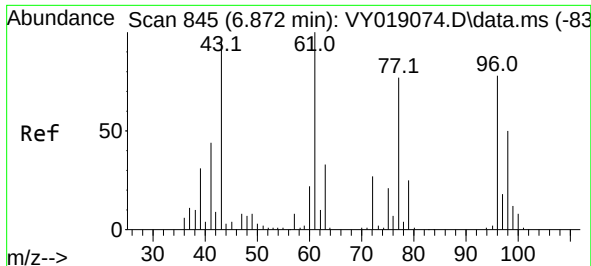
Tgt Ion: 77 Resp: 32495

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.919 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

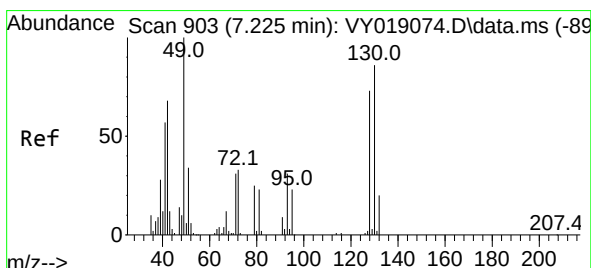
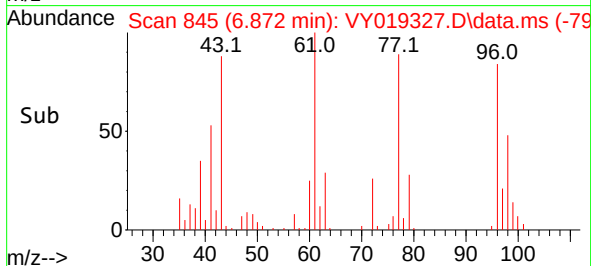
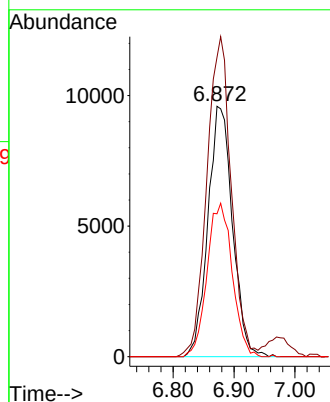
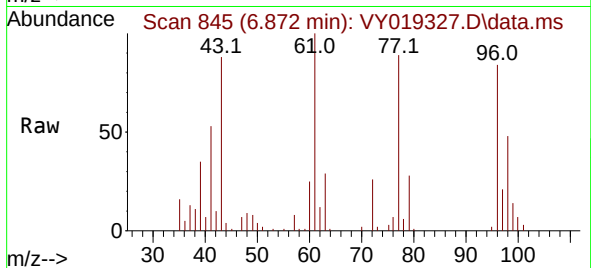
Tgt Ion: 96 Resp: 26845

Ion Ratio Lower Upper

96 100

61 127.1 0.0 256.2

98 62.7 0.0 130.0



#28

Bromochloromethane

Concen: 18.573 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.013 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

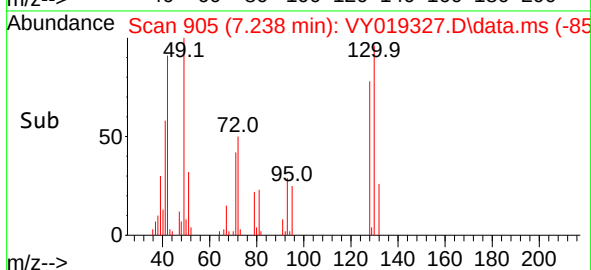
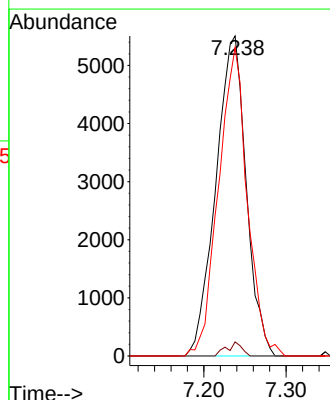
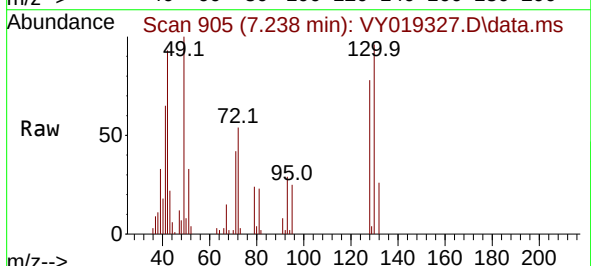
Tgt Ion: 49 Resp: 14155

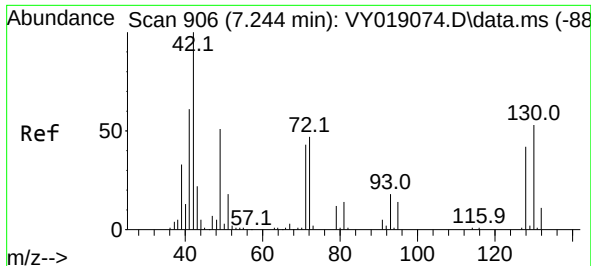
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 91.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 96.140 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

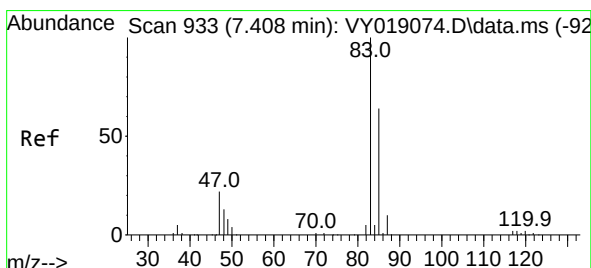
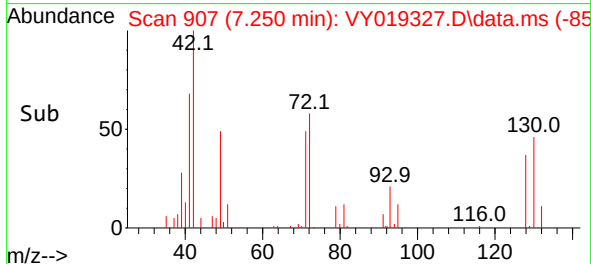
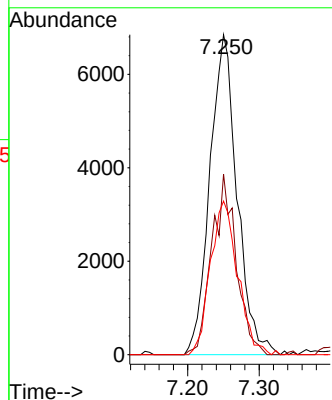
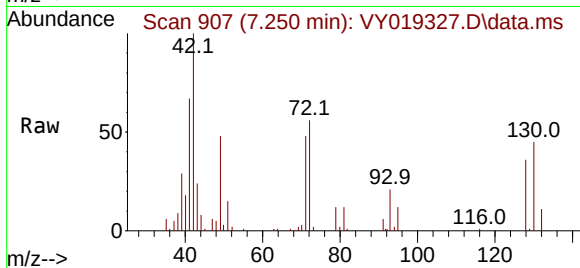
Tgt Ion: 42 Resp: 18105

Ion Ratio Lower Upper

42 100

72 50.9 43.0 64.4

71 48.1 40.8 61.2



#30

Chloroform

Concen: 21.611 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019327.D

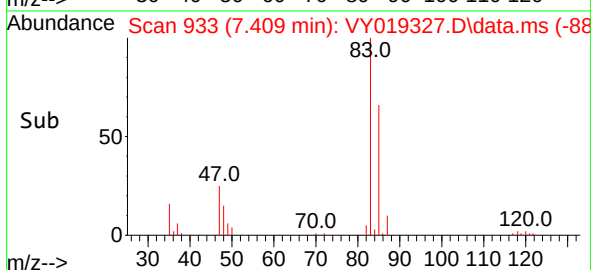
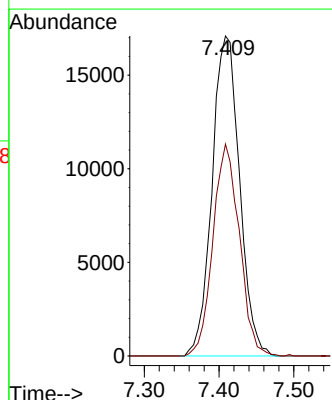
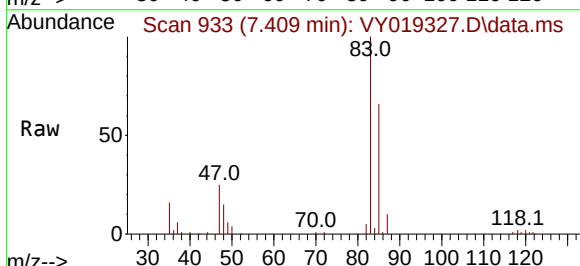
Acq: 28 Aug 2024 13:51

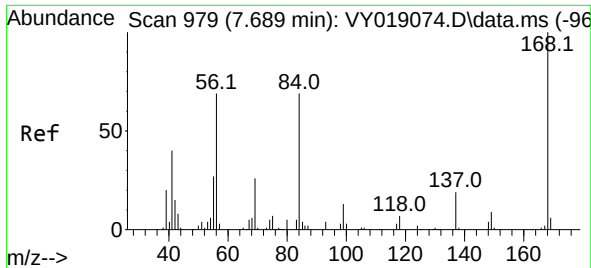
Tgt Ion: 83 Resp: 43751

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

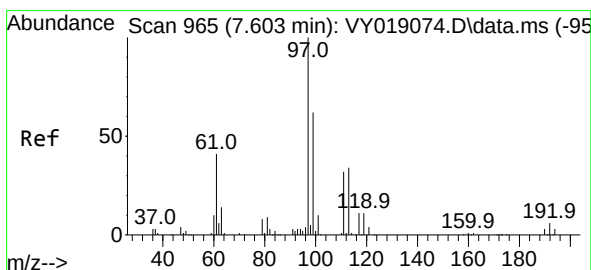
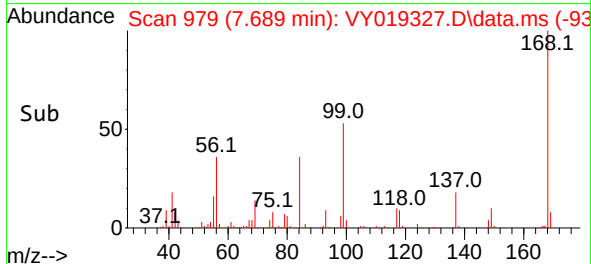
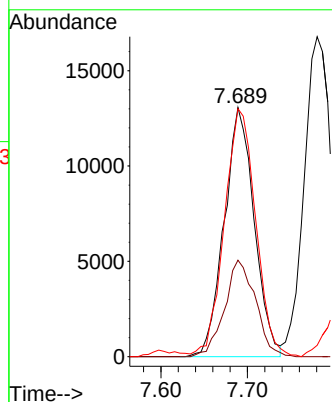
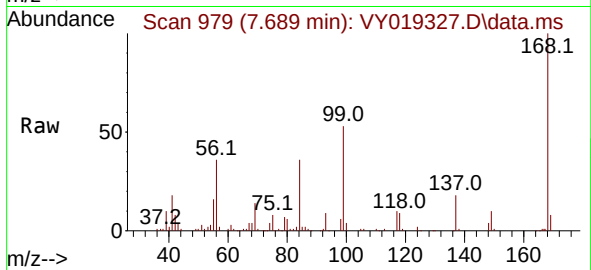




#31
Cyclohexane
Concen: 19.896 ug/l
RT: 7.689 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

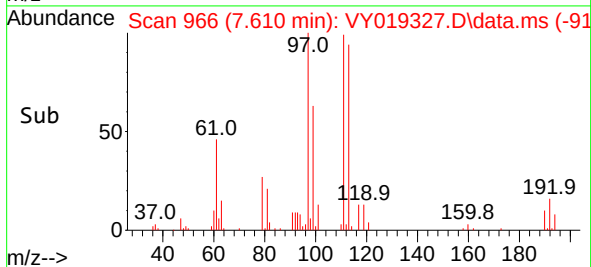
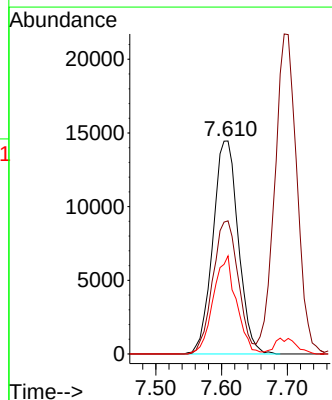
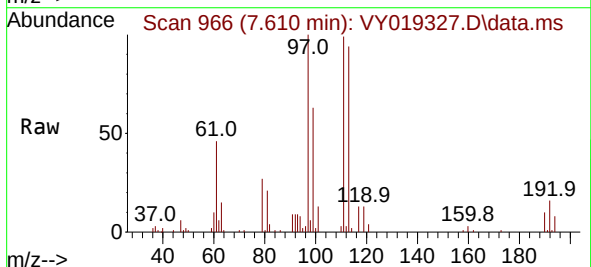
Instrument :
MSVOA_Y
ClientSampleId :

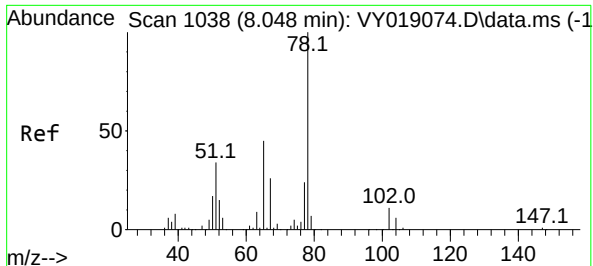
Tgt Ion: 56 Resp: 31531
Ion Ratio Lower Upper
56 100
69 38.7 28.7 43.1
84 98.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.851 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 97 Resp: 38876
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 42.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.742 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

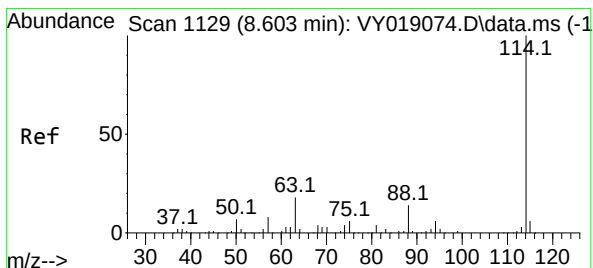
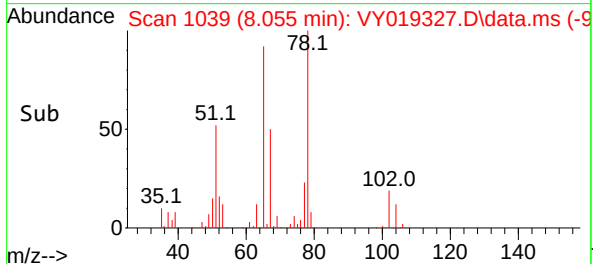
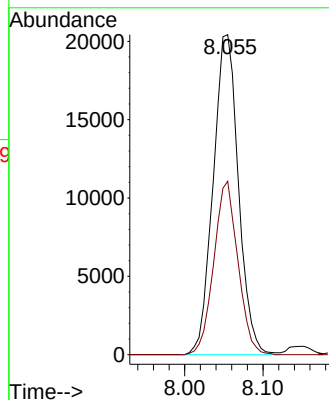
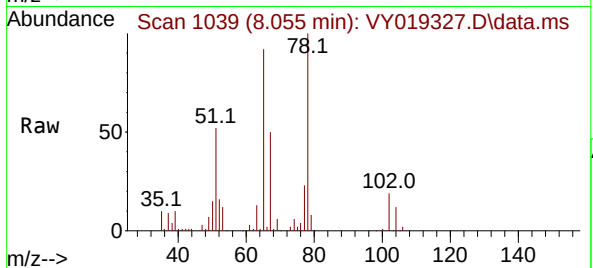
ClientSampleId :

Tgt Ion: 65 Resp: 45848

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

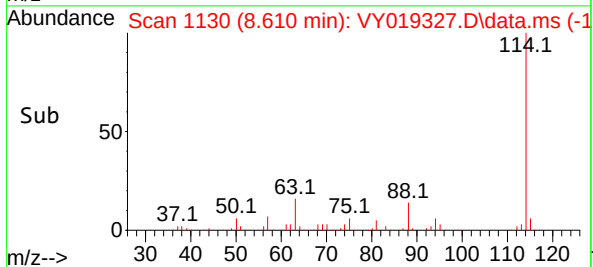
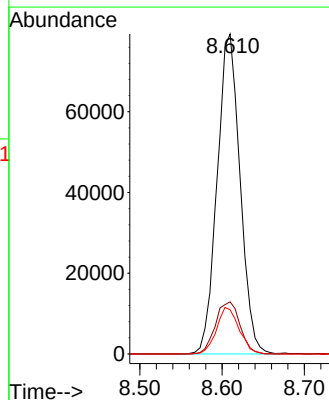
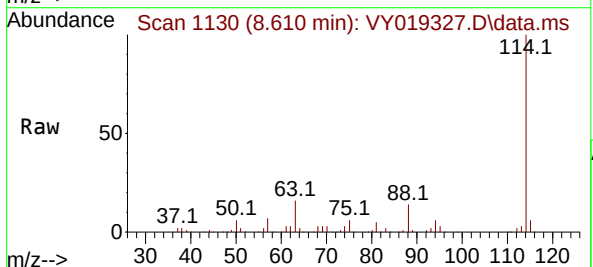
Tgt Ion: 114 Resp: 153711

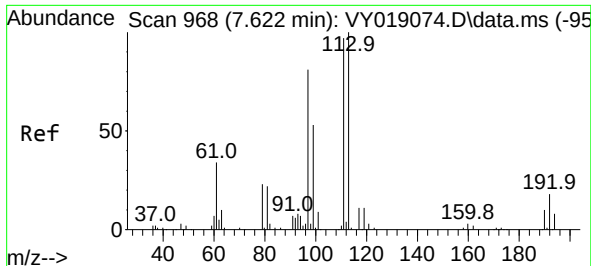
Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 13.8 0.0 27.2

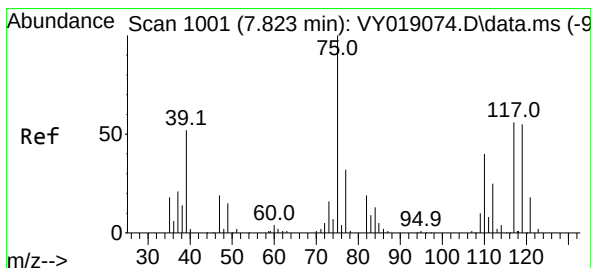
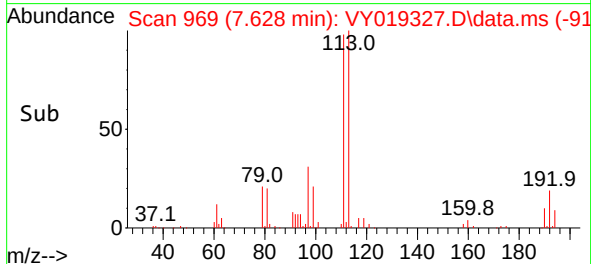
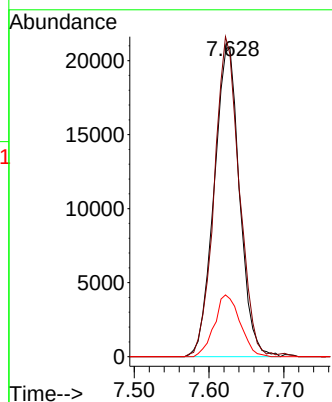
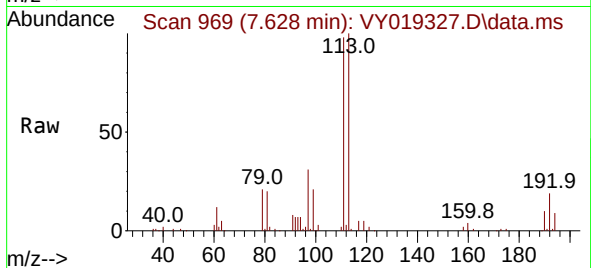




#35
Dibromofluoromethane
Concen: 49.465 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

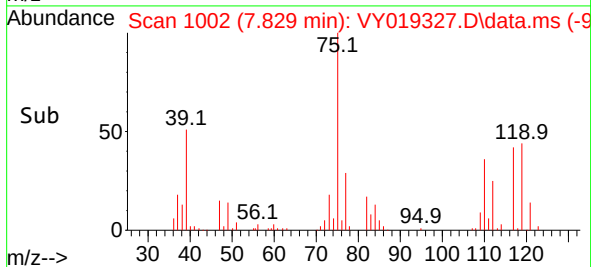
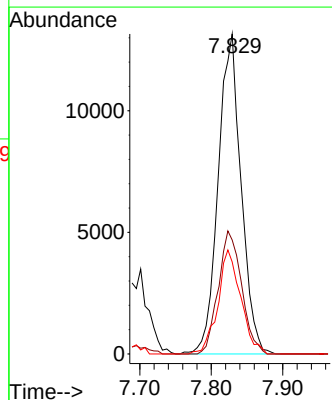
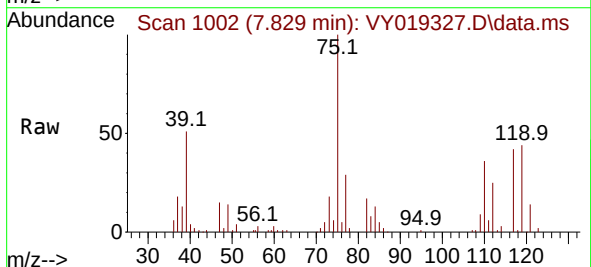
Instrument :
MSVOA_Y
ClientSampleId :

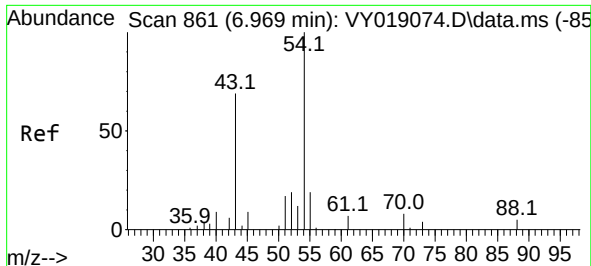
Tgt Ion:113 Resp: 49715
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.226 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

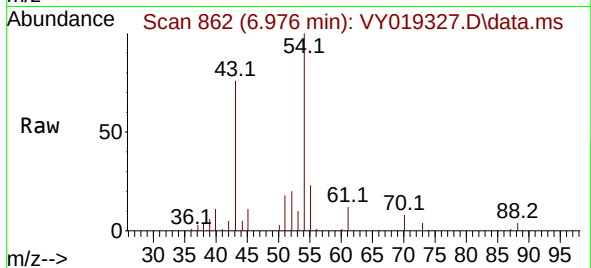
Tgt Ion: 75 Resp: 29295
Ion Ratio Lower Upper
75 100
110 39.1 19.0 57.0
77 32.5 25.3 37.9



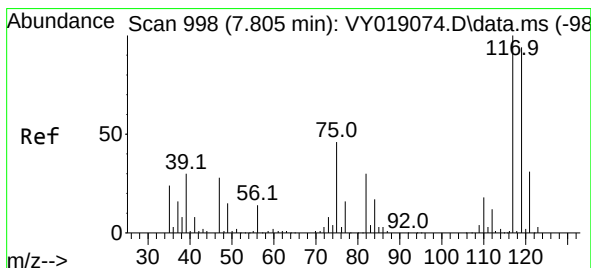
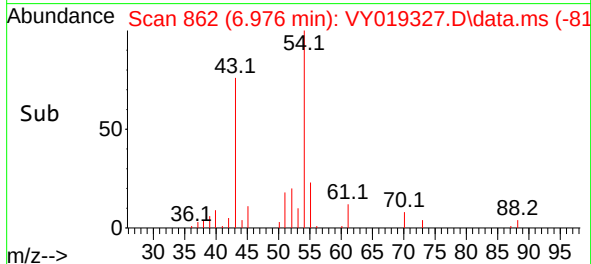
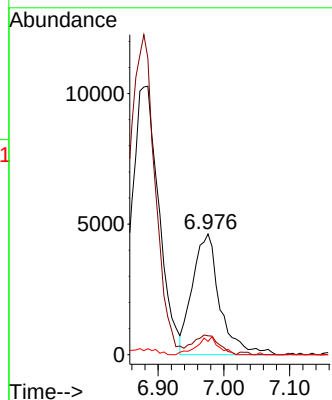


#37
Ethyl Acetate
Concen: 21.779 ug/l
RT: 6.976 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :

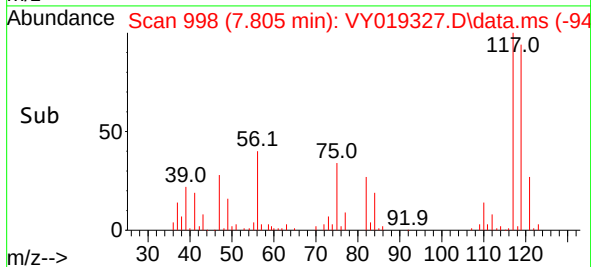
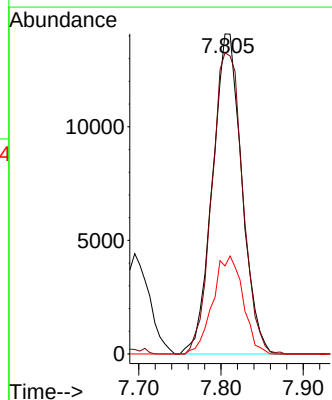
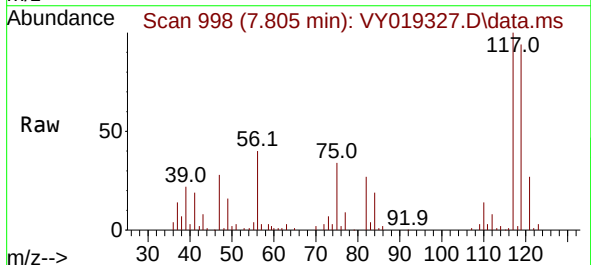


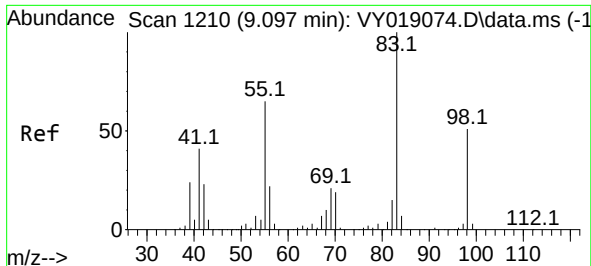
Tgt Ion: 43 Resp: 13317
Ion Ratio Lower Upper
43 100
61 15.1 12.6 19.0
70 11.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.844 ug/l
RT: 7.805 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 117 Resp: 34938
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6
121 27.5 24.0 36.0





#39

Methylcyclohexane

Concen: 20.677 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

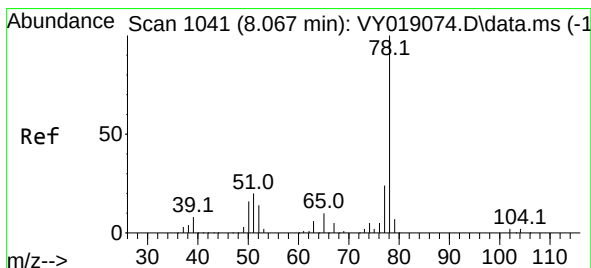
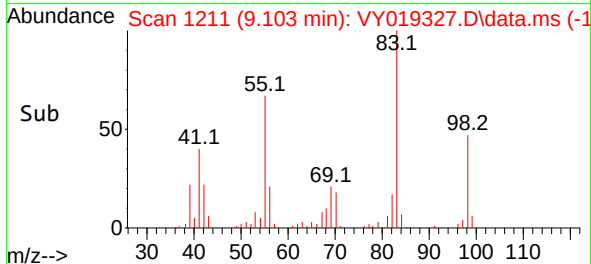
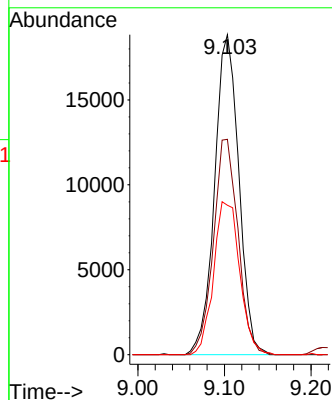
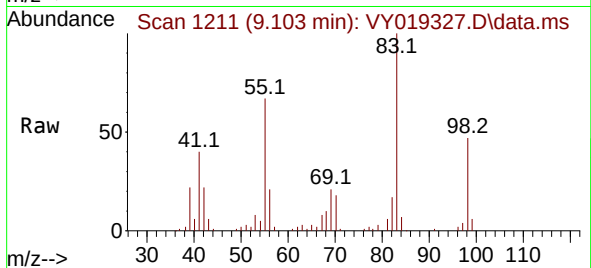
Tgt Ion: 83 Resp: 36620

Ion Ratio Lower Upper

83 100

55 67.3 51.5 77.3

98 46.7 40.5 60.7



#40

Benzene

Concen: 21.006 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY019327.D

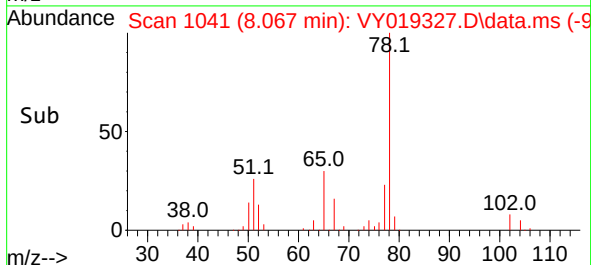
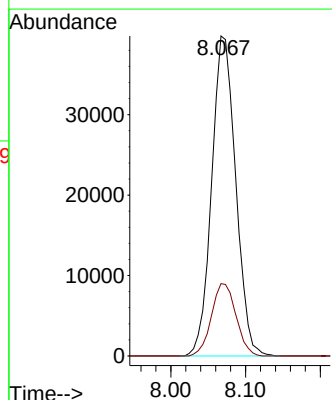
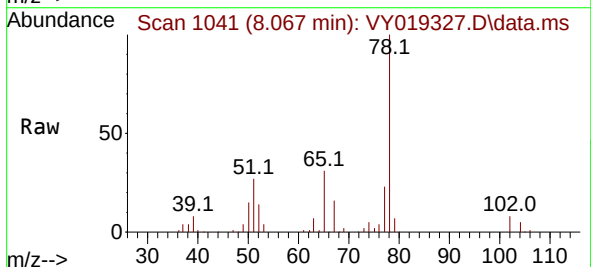
Acq: 28 Aug 2024 13:51

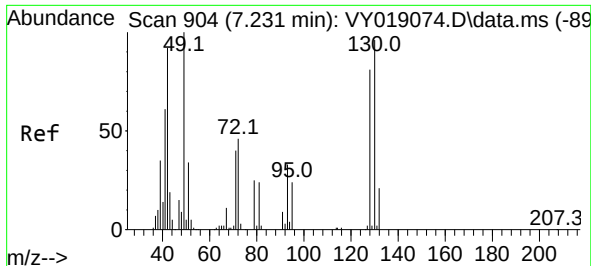
Tgt Ion: 78 Resp: 88913

Ion Ratio Lower Upper

78 100

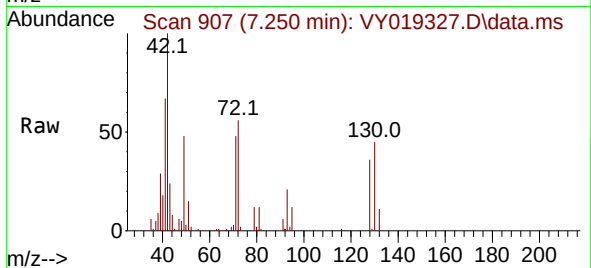
77 22.6 19.5 29.3



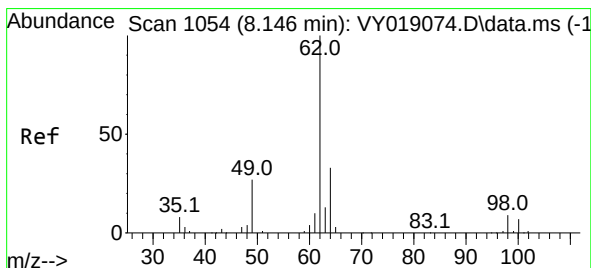
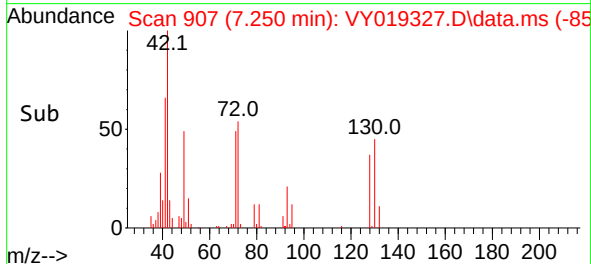
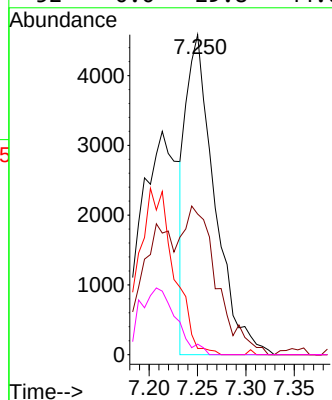


#41
Methacrylonitrile
Concen: 28.348 ug/l
RT: 7.250 min Scan# 904
Delta R.T. 0.019 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :

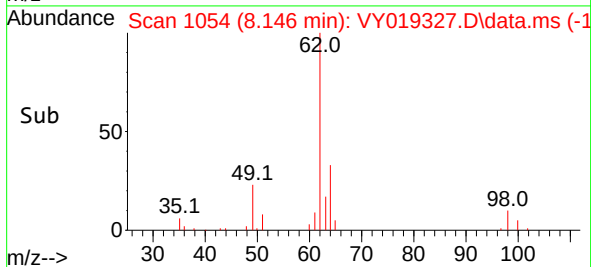
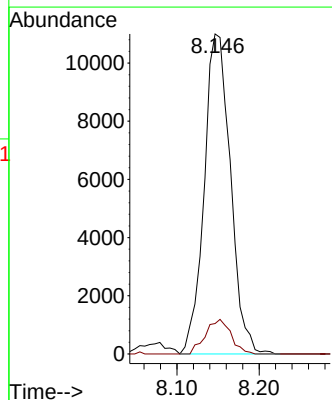
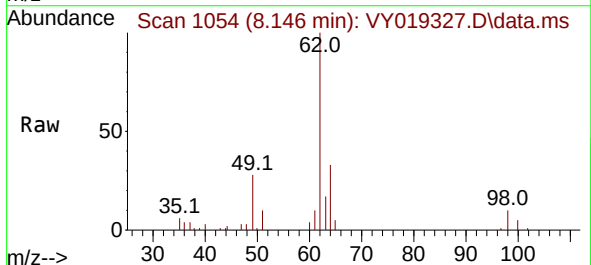


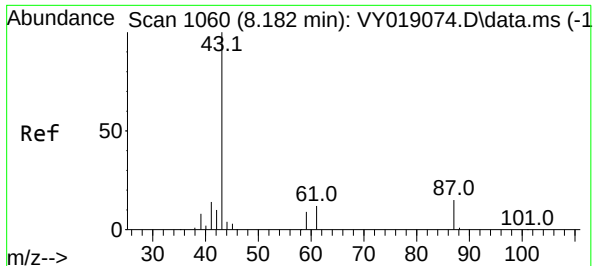
Tgt Ion: 41 Resp: 9461
Ion Ratio Lower Upper
41 100
39 51.6 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 21.391 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 62 Resp: 24450
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.0

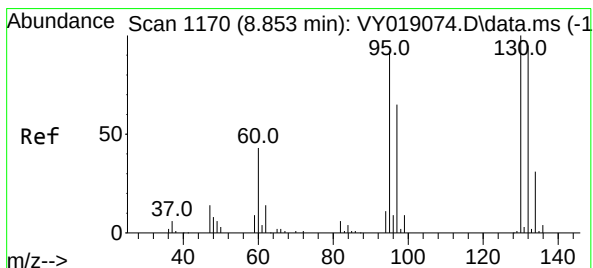
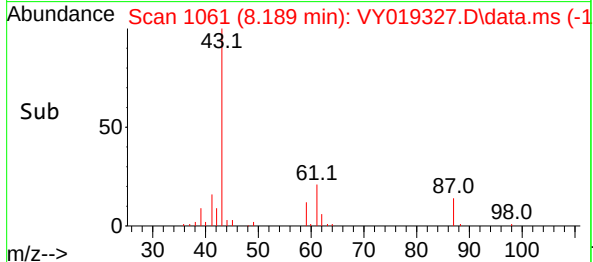
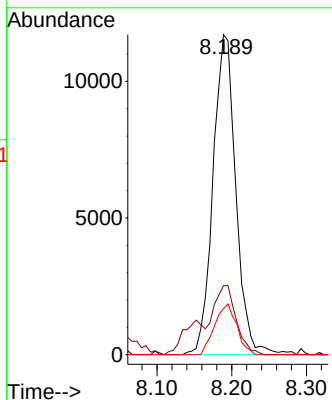
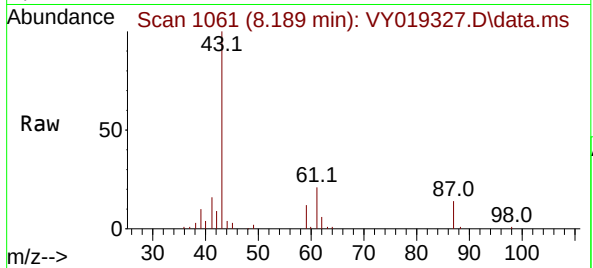




#43
Isopropyl Acetate
Concen: 20.096 ug/l
RT: 8.189 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

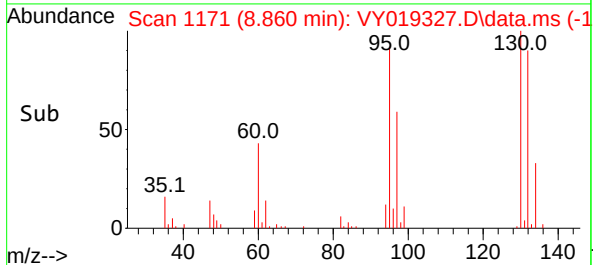
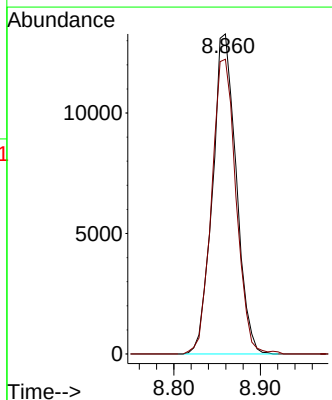
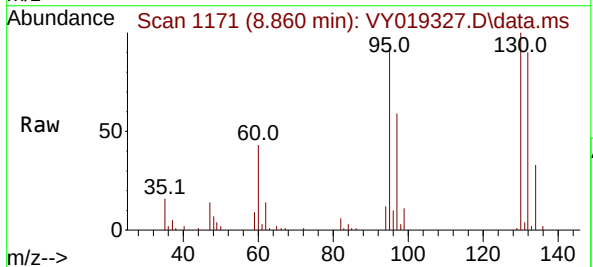
Instrument :
MSVOA_Y
ClientSampleId :

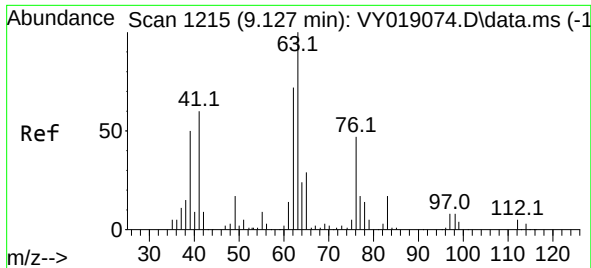
Tgt Ion: 43 Resp: 24851
Ion Ratio Lower Upper
43 100
61 21.6 27.9 41.9#
87 15.3 13.1 19.7



#44
Trichloroethene
Concen: 21.369 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion:130 Resp: 25238
Ion Ratio Lower Upper
130 100
95 92.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.614 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

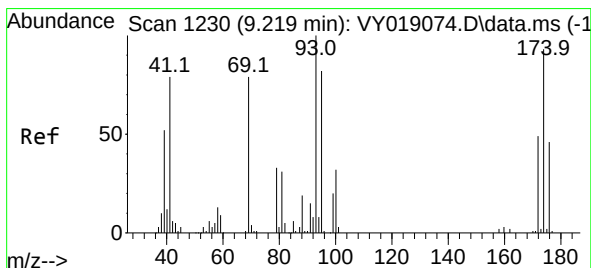
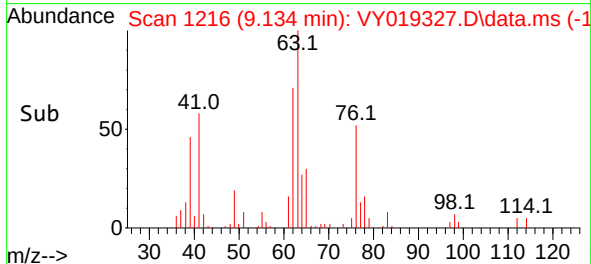
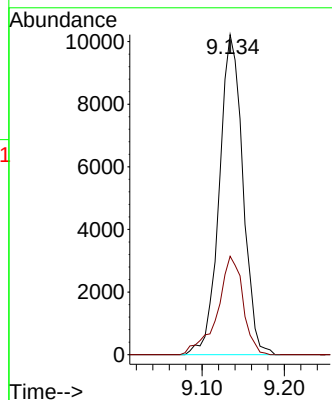
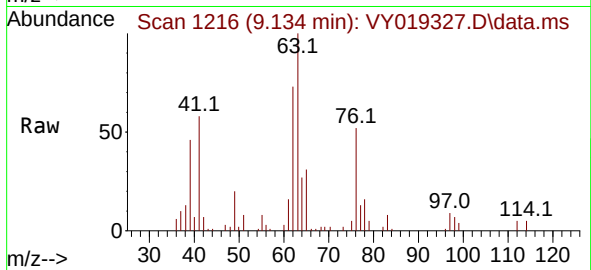
ClientSampleId :

Tgt Ion: 63 Resp: 20383

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 20.617 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

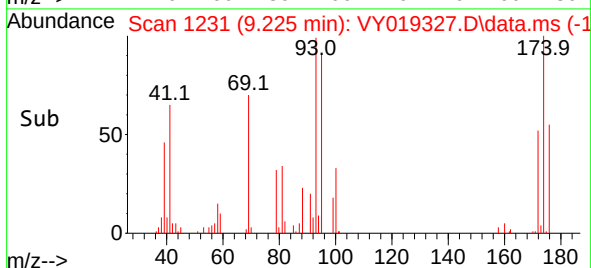
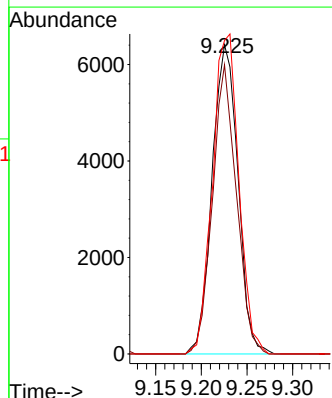
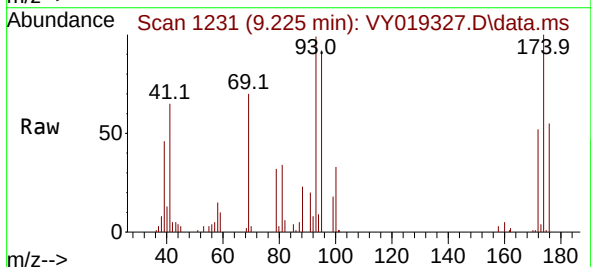
Tgt Ion: 93 Resp: 12611

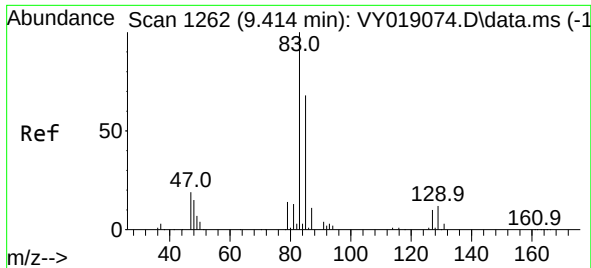
Ion Ratio Lower Upper

93 100

95 86.9 66.2 99.4

174 105.6 80.9 121.3

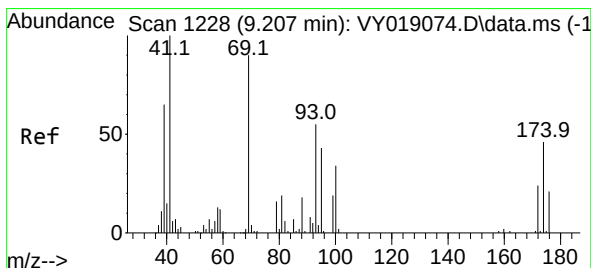
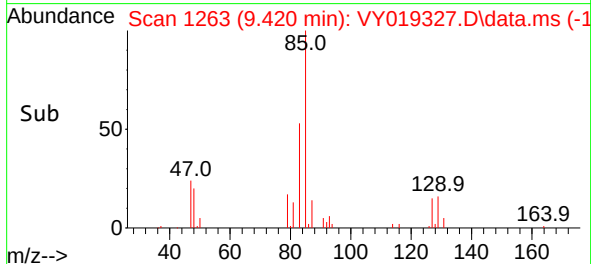
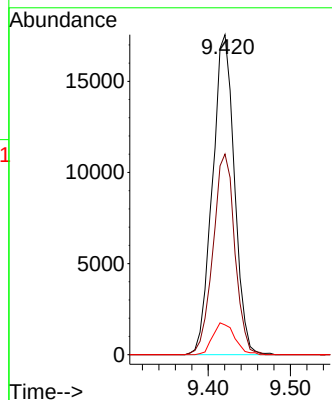
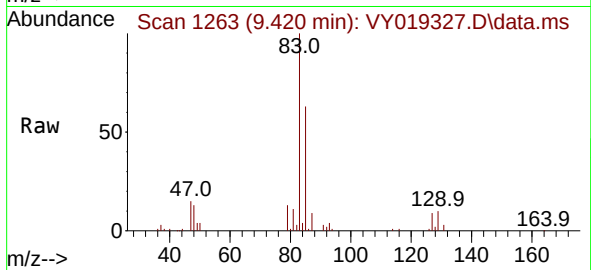




#47
Bromodichloromethane
Concen: 21.696 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

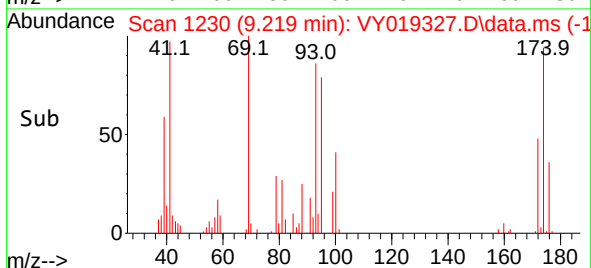
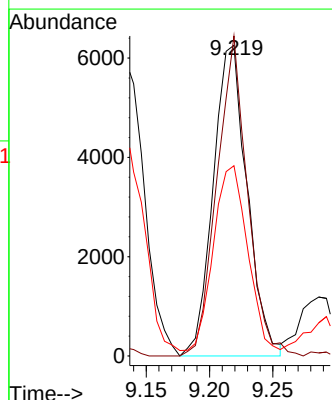
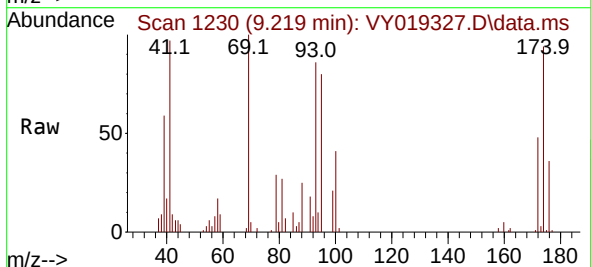
Instrument :
MSVOA_Y
ClientSampleId :

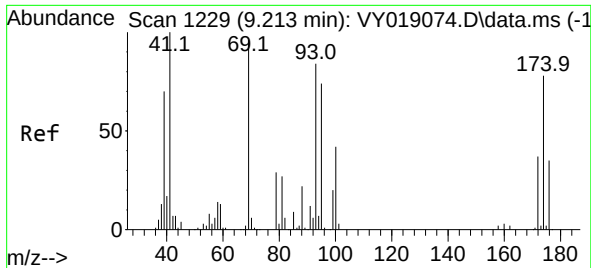
Tgt Ion: 83 Resp: 32559
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 21.181 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.013 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 41 Resp: 11673
Ion Ratio Lower Upper
41 100
69 92.4 84.1 126.1
39 60.2 43.6 65.4





#49

1,4-Dioxane

Concen: 431.066 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

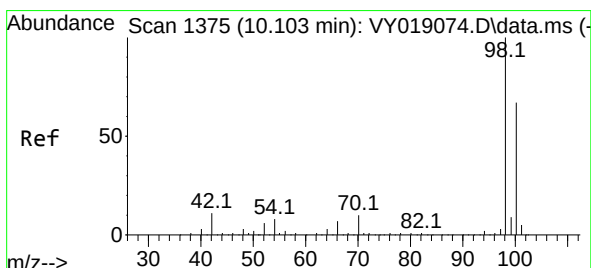
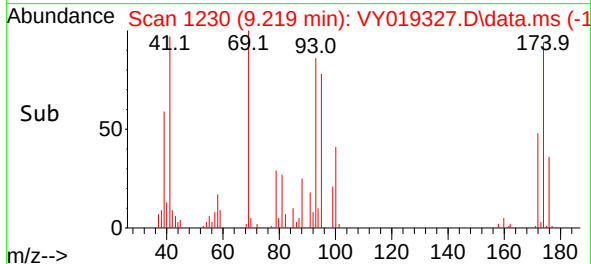
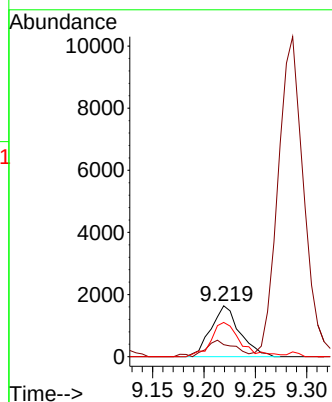
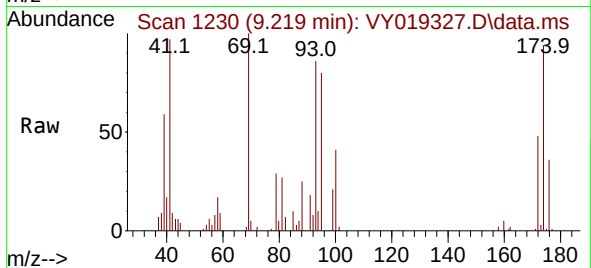
Tgt Ion: 88 Resp: 3194

Ion Ratio Lower Upper

88 100

43 32.2 0.0 0.0#

58 68.2 49.3 73.9



#50

Toluene-d8

Concen: 48.308 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019327.D

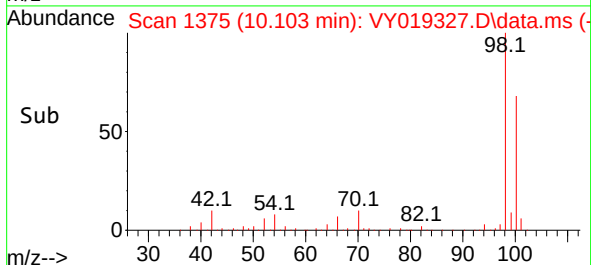
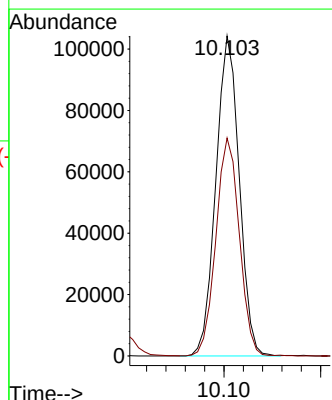
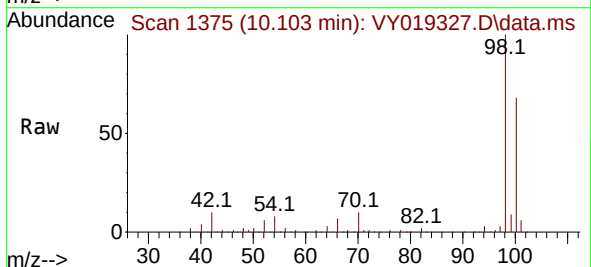
Acq: 28 Aug 2024 13:51

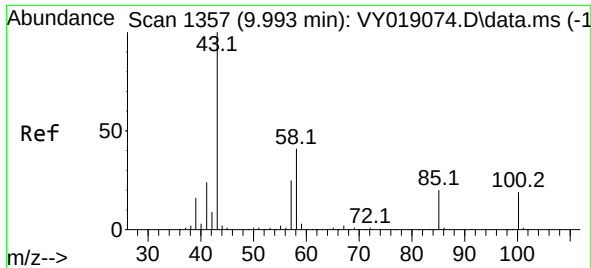
Tgt Ion: 98 Resp: 174724

Ion Ratio Lower Upper

98 100

100 68.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 103.080 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

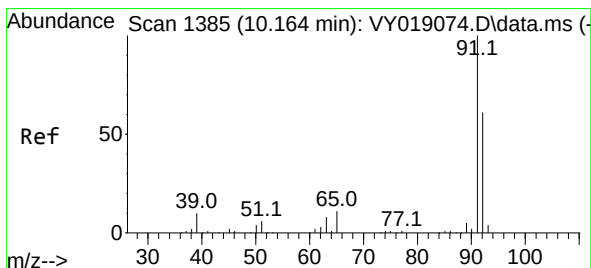
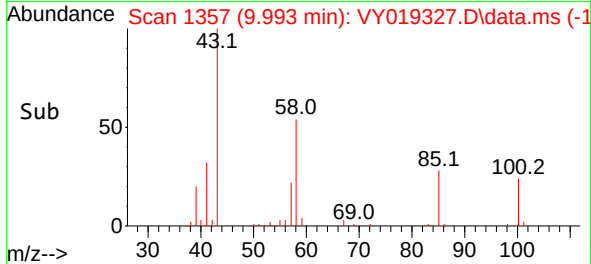
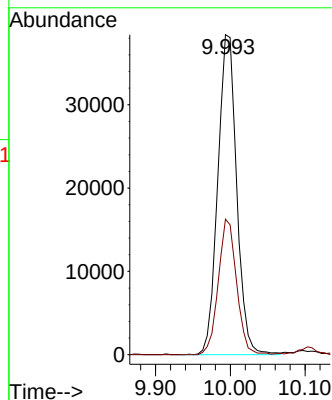
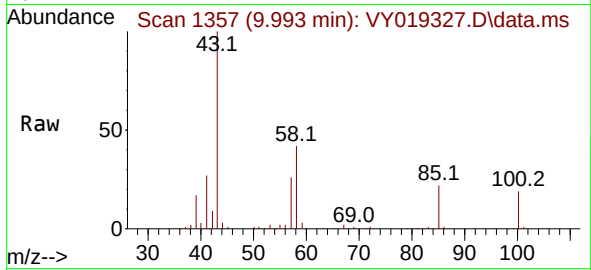
ClientSampleId :

Tgt Ion: 43 Resp: 67656

Ion Ratio Lower Upper

43 100

58 41.1 35.7 53.5



#52

Toluene

Concen: 21.217 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019327.D

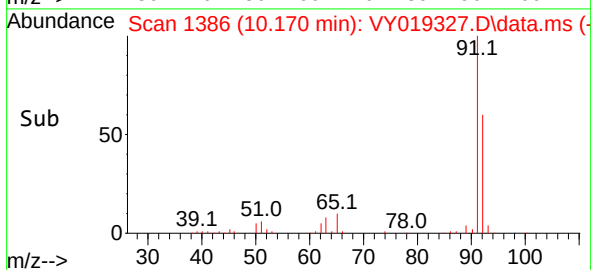
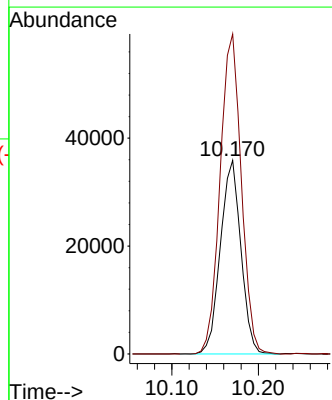
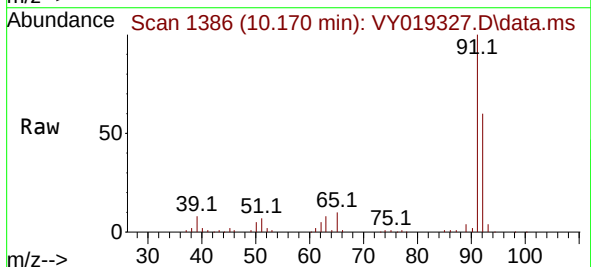
Acq: 28 Aug 2024 13:51

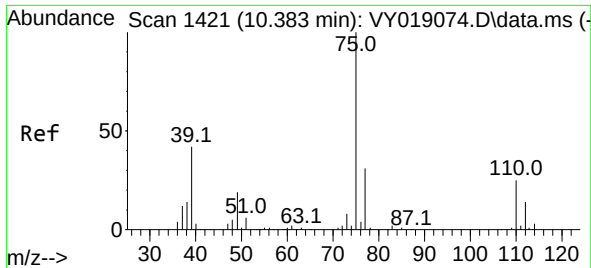
Tgt Ion: 92 Resp: 58951

Ion Ratio Lower Upper

92 100

91 171.0 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 21.170 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

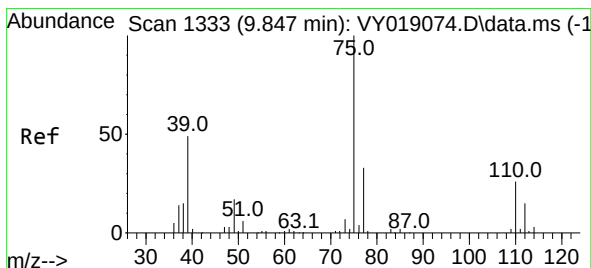
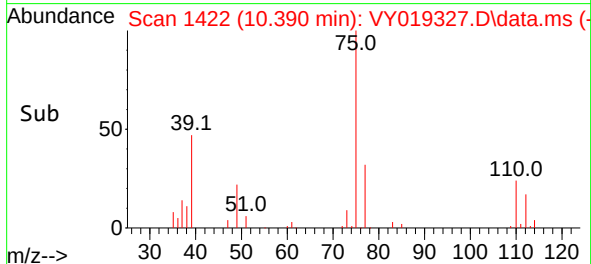
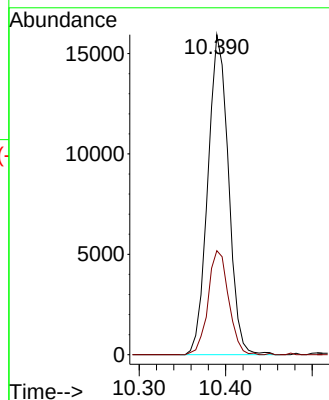
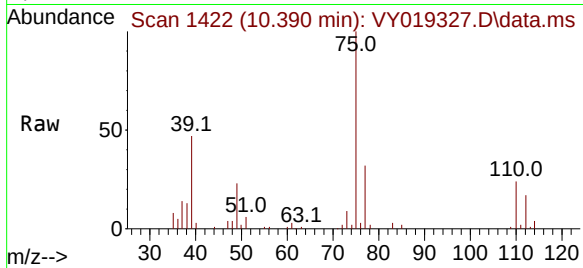
ClientSampleId :

Tgt Ion: 75 Resp: 26354

Ion Ratio Lower Upper

75 100

77 32.5 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 21.281 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

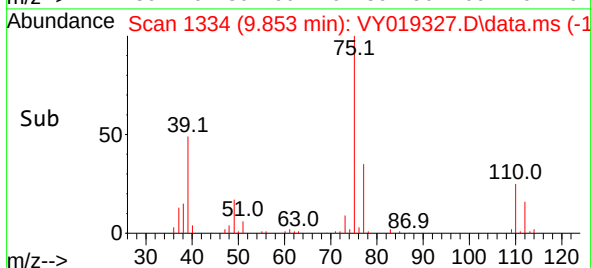
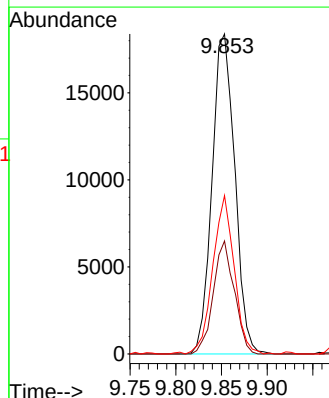
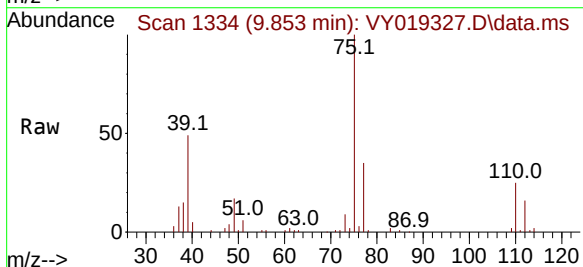
Tgt Ion: 75 Resp: 31860

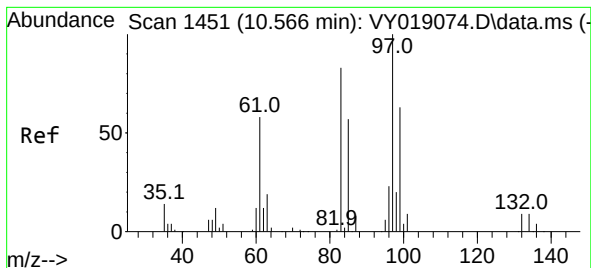
Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.0

39 49.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.869 ug/l

RT: 10.567 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 17220

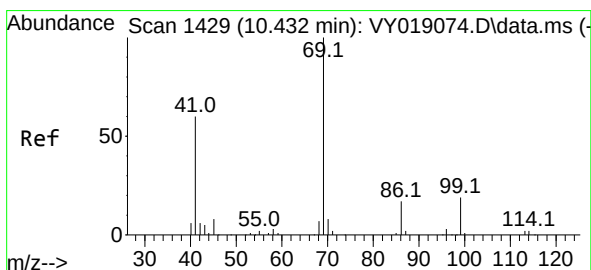
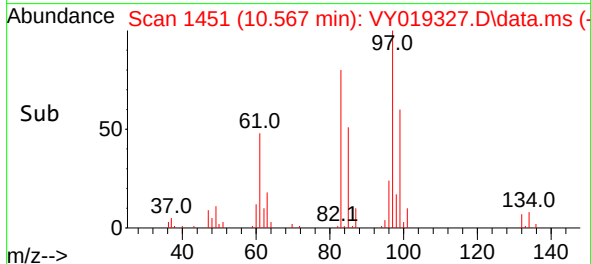
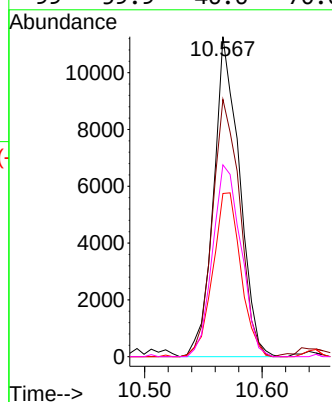
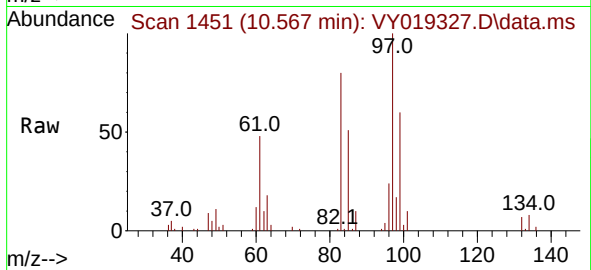
Ion Ratio Lower Upper

97 100

83 80.4 67.5 101.3

85 51.0 42.9 64.3

99 59.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.415 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

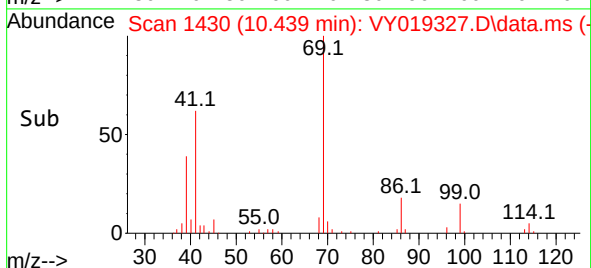
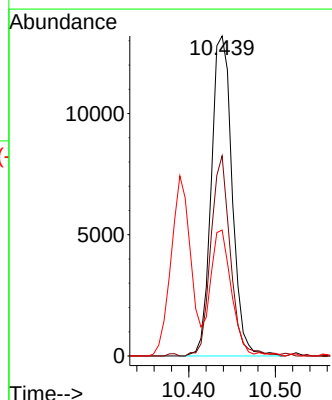
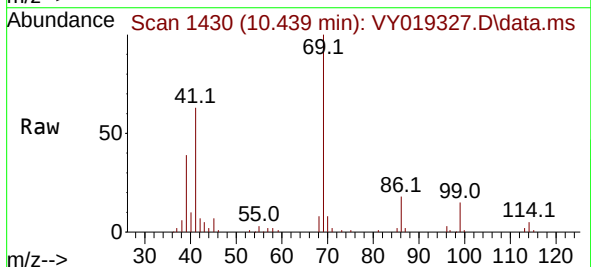
Tgt Ion: 69 Resp: 22072

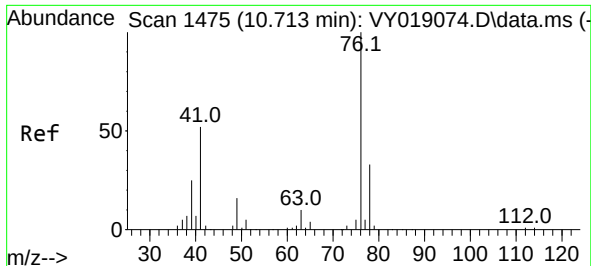
Ion Ratio Lower Upper

69 100

41 58.6 42.3 63.5

39 40.0 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.901 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

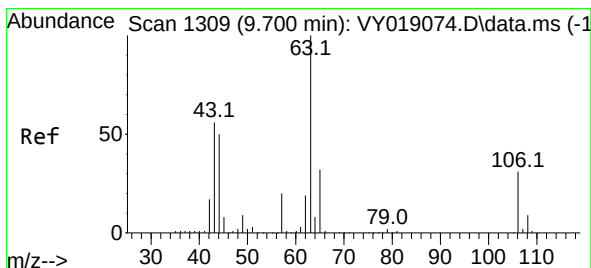
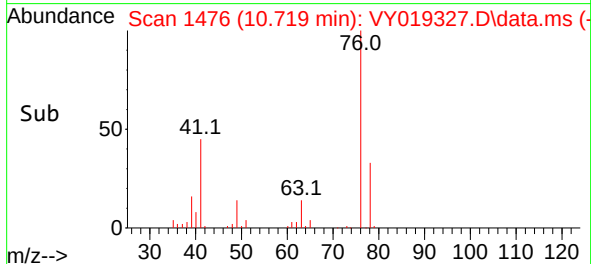
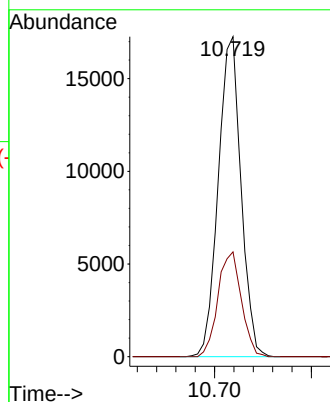
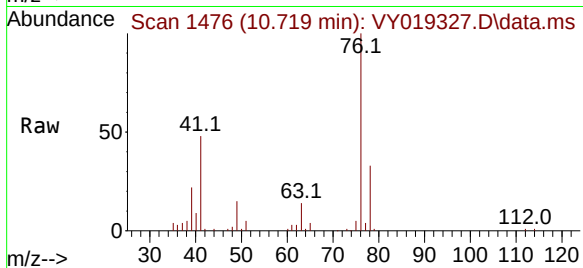
ClientSampleId :

Tgt Ion: 76 Resp: 28113

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.512 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019327.D

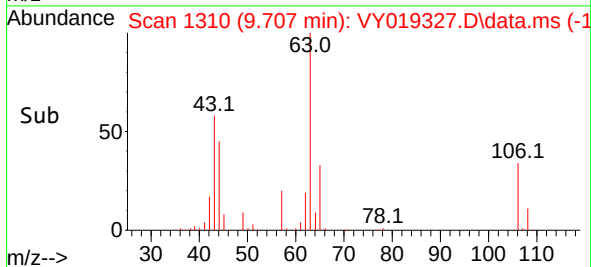
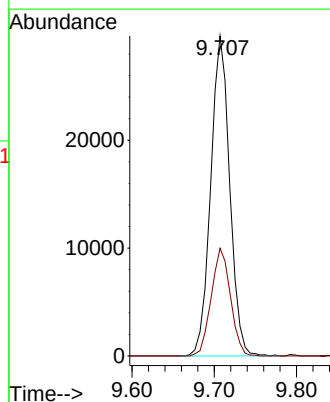
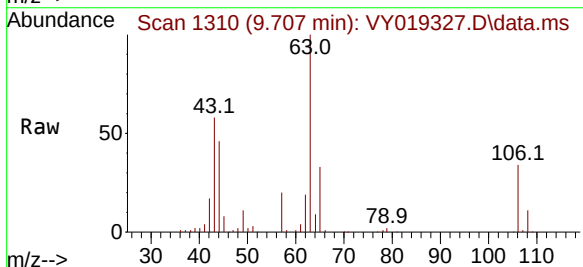
Acq: 28 Aug 2024 13:51

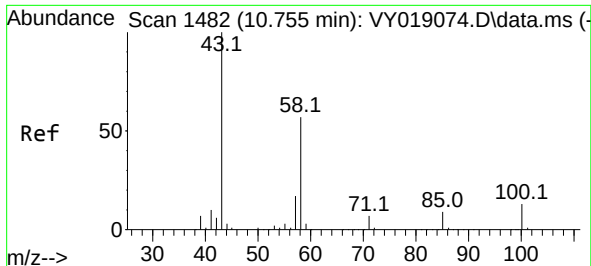
Tgt Ion: 63 Resp: 47678

Ion Ratio Lower Upper

63 100

106 34.1 23.7 35.5

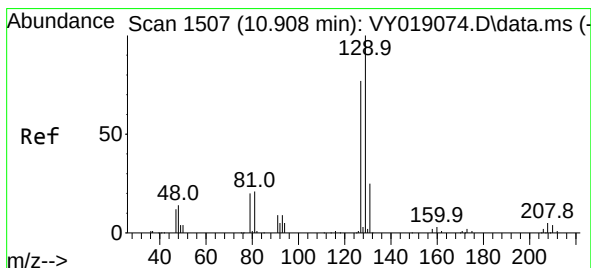
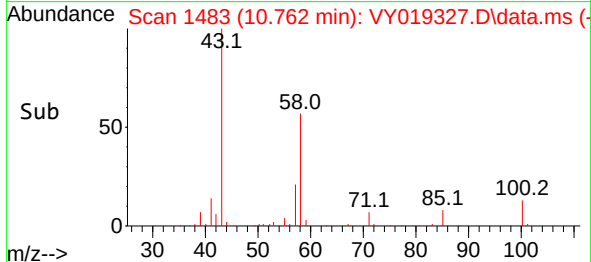
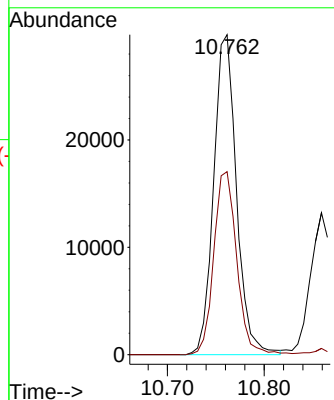
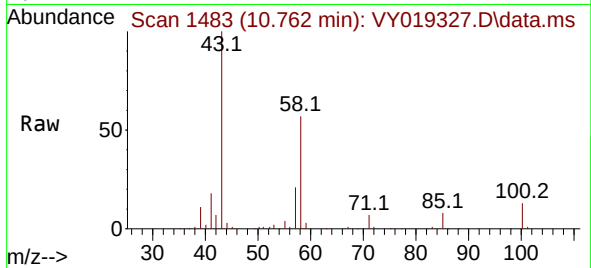




#59
2-Hexanone
Concen: 108.123 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

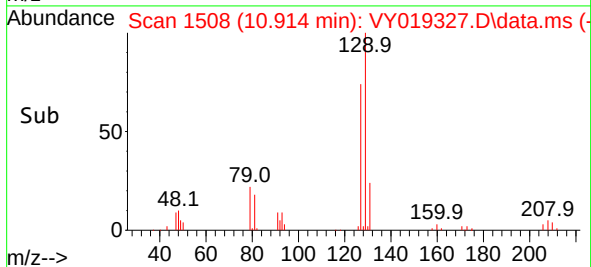
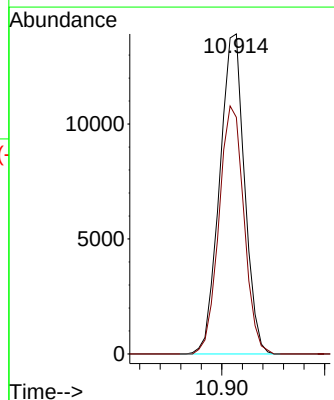
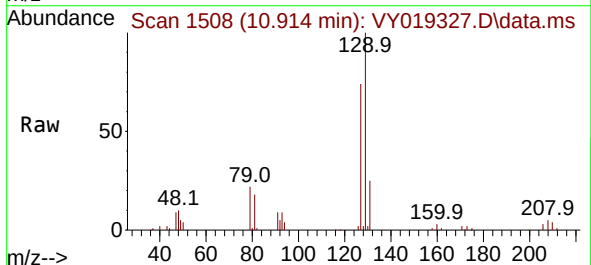
Instrument :
MSVOA_Y
ClientSampleId :

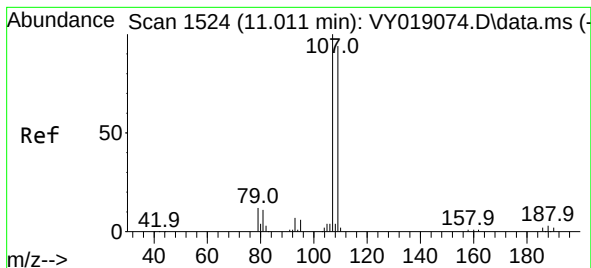
Tgt Ion: 43 Resp: 48755
Ion Ratio Lower Upper
43 100
58 57.7 31.4 94.0



#60
Dibromochloromethane
Concen: 21.797 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion:129 Resp: 23377
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

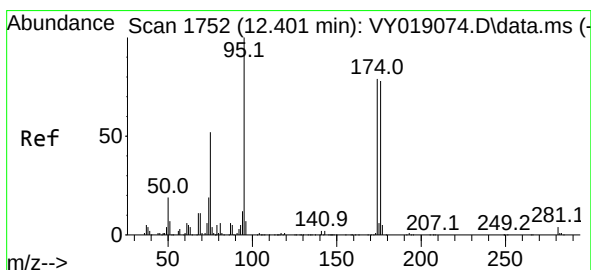
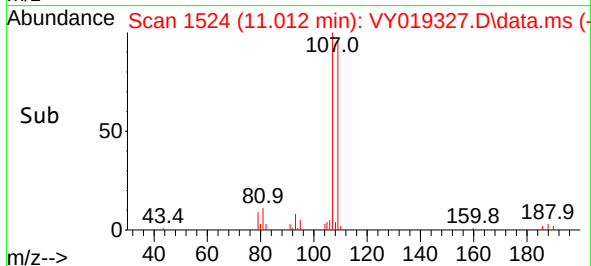
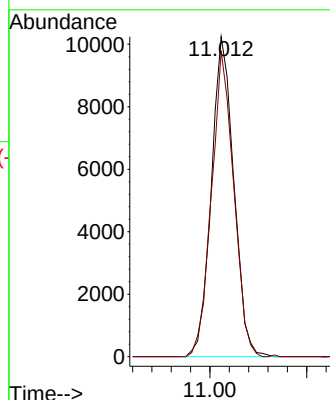
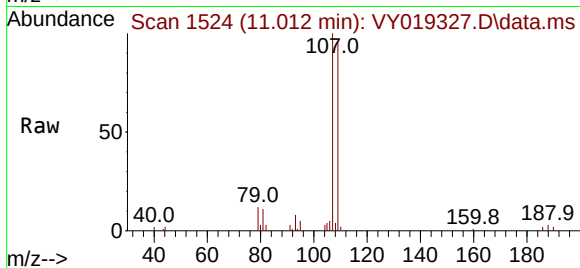




#61
1,2-Dibromoethane
Concen: 21.681 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

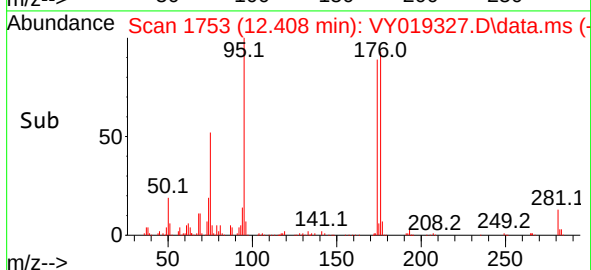
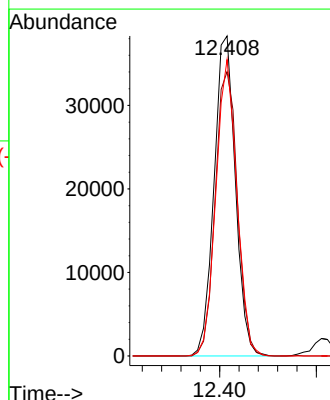
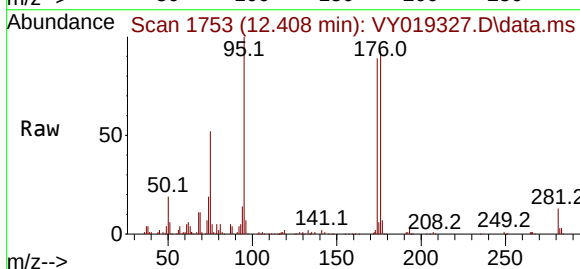
Instrument :
MSVOA_Y
ClientSampleId :

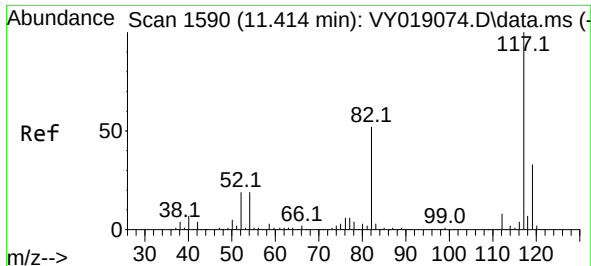
Tgt Ion:107 Resp: 16501
Ion Ratio Lower Upper
107 100
109 94.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.579 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 95 Resp: 58664
Ion Ratio Lower Upper
95 100
174 92.1 0.0 175.6
176 91.0 0.0 171.4

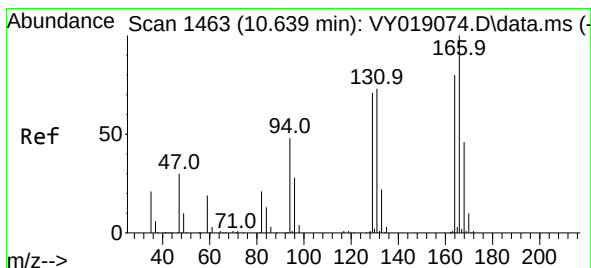
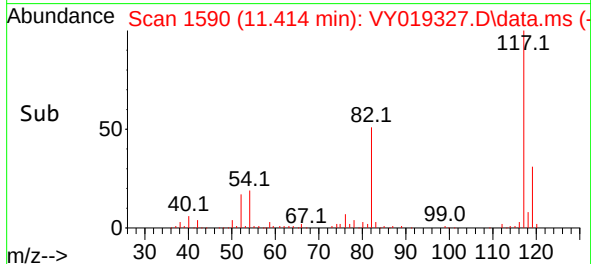
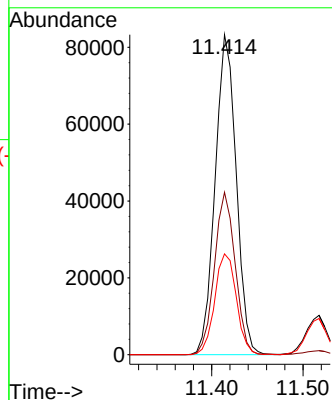
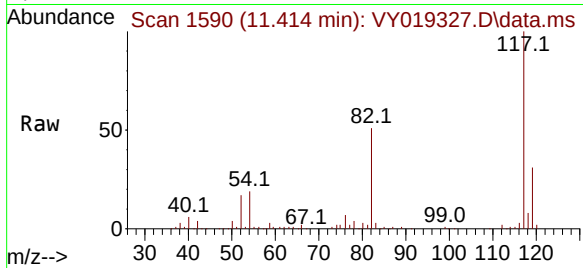




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

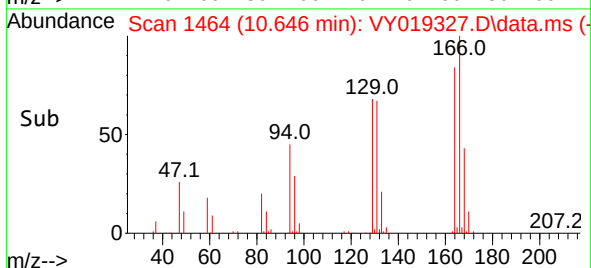
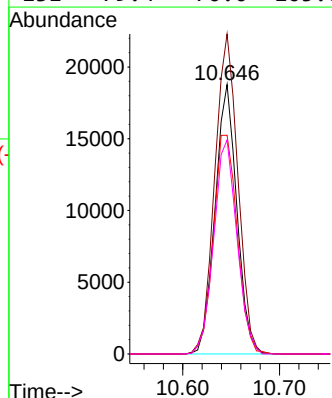
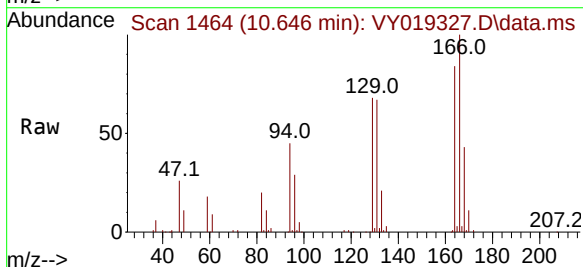
Instrument :
MSVOA_Y
ClientSampleId :

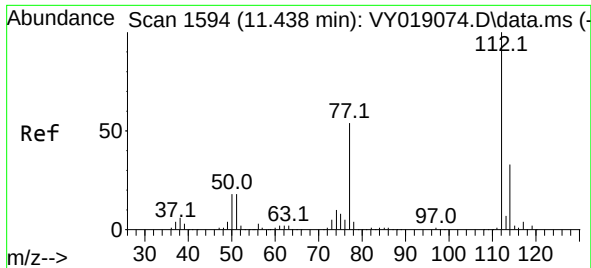
Tgt Ion:117 Resp: 133459
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 25.162 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion:164 Resp: 29352
Ion Ratio Lower Upper
164 100
166 118.8 102.6 154.0
129 81.2 72.0 108.0
131 79.4 70.0 105.0

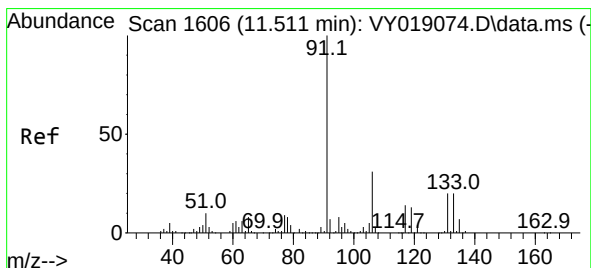
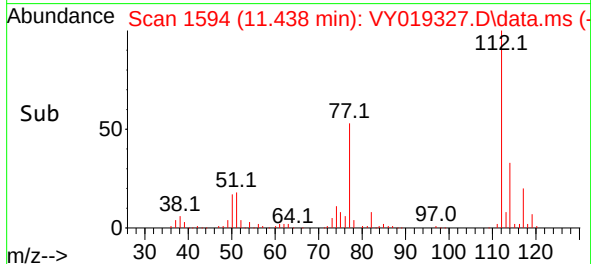
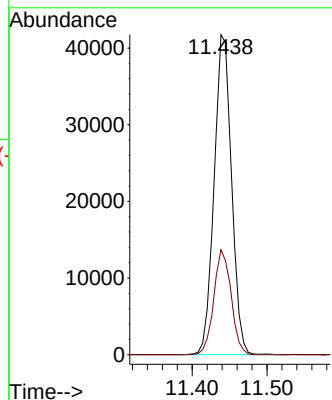
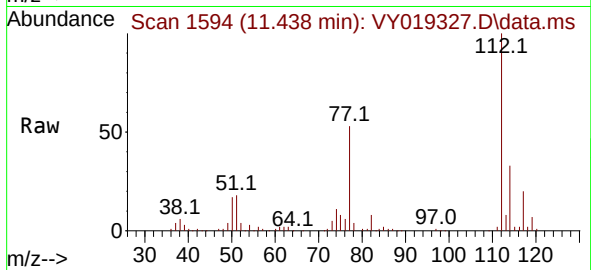




#65
Chlorobenzene
Concen: 22.055 ug/l
RT: 11.438 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

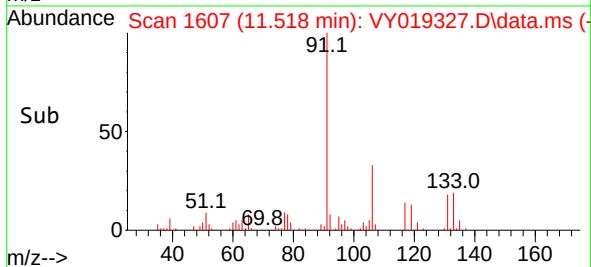
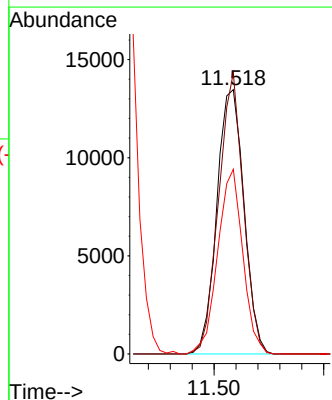
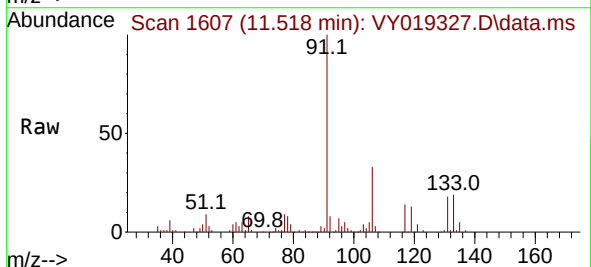
Instrument :
MSVOA_Y
ClientSampleId :

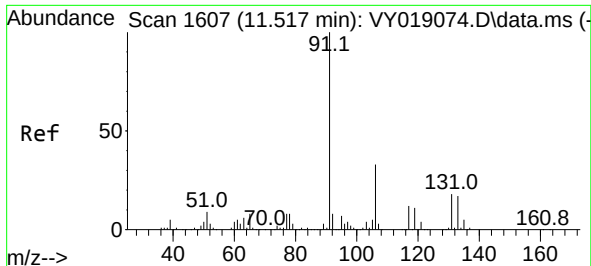
Tgt Ion:112 Resp: 67775
Ion Ratio Lower Upper
112 100
114 32.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.472 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion:131 Resp: 23205
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.3
119 64.6 34.1 102.2





#67

Ethyl Benzene

Concen: 20.928 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

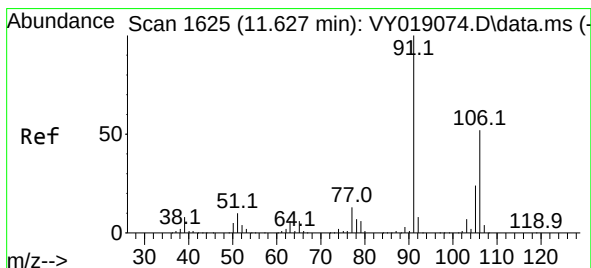
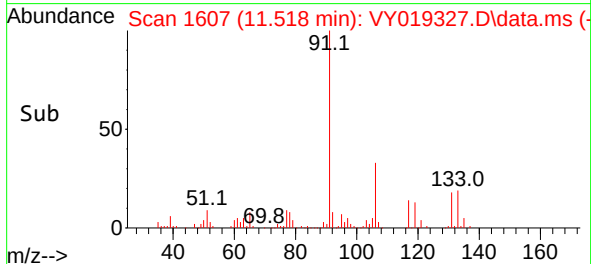
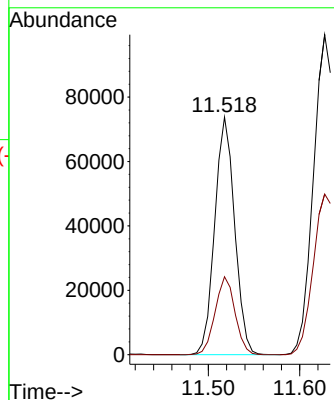
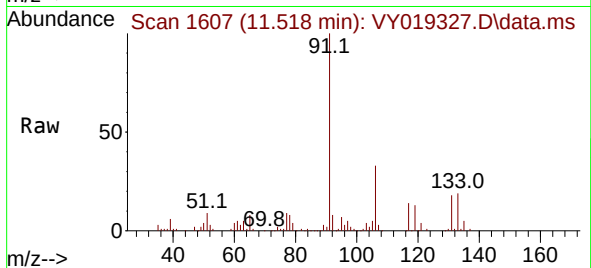
ClientSampleId :

Tgt Ion: 91 Resp: 111628

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 43.121 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019327.D

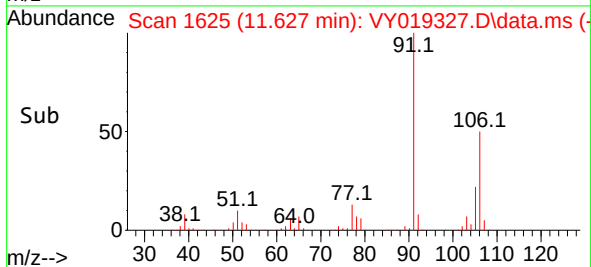
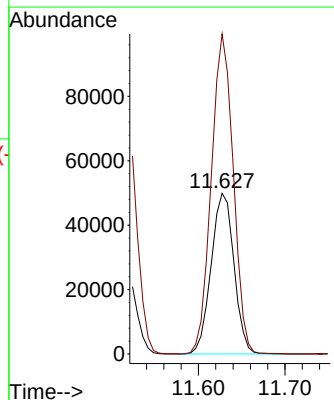
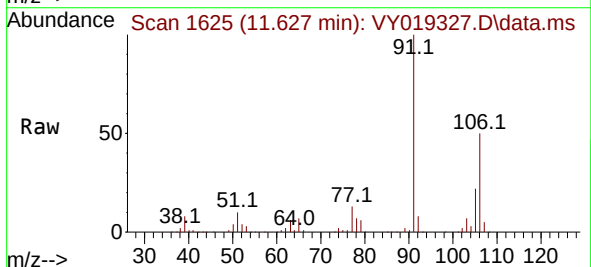
Acq: 28 Aug 2024 13:51

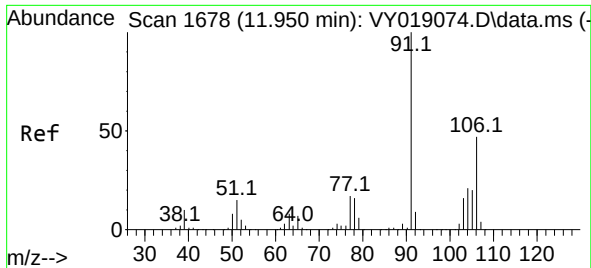
Tgt Ion:106 Resp: 91261

Ion Ratio Lower Upper

106 100

91 192.1 156.0 234.0

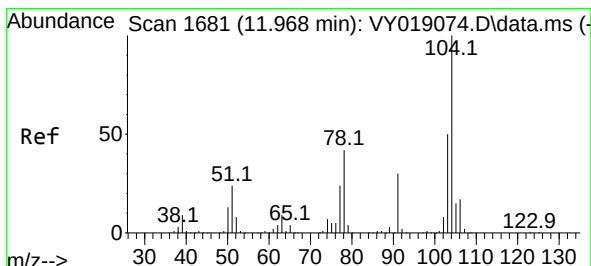
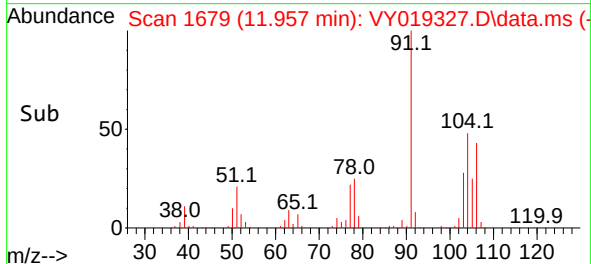
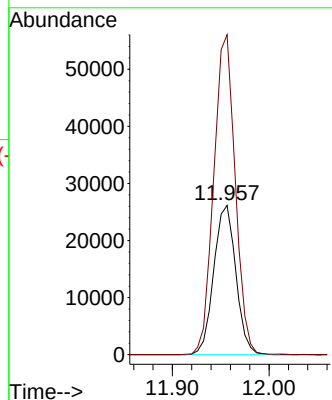
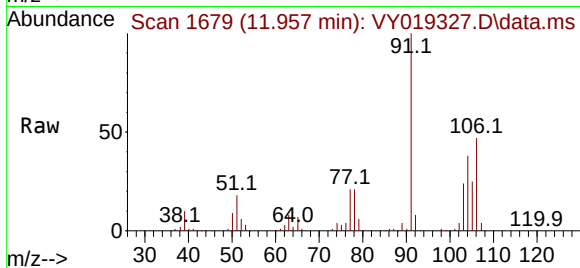




#69
o-Xylene
Concen: 21.117 ug/l
RT: 11.957 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

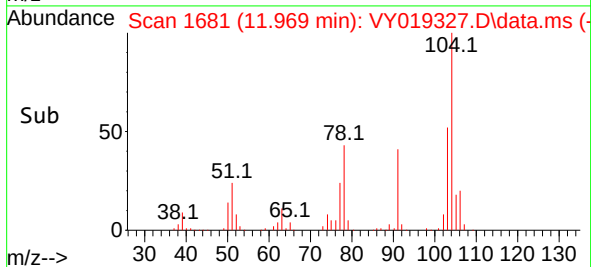
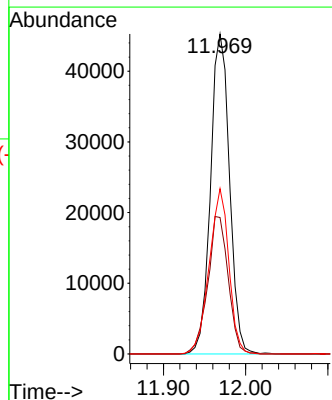
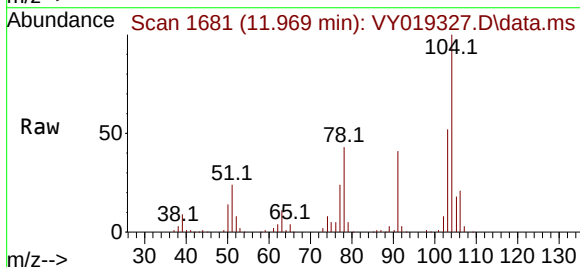
Instrument :
MSVOA_Y
ClientSampleId :

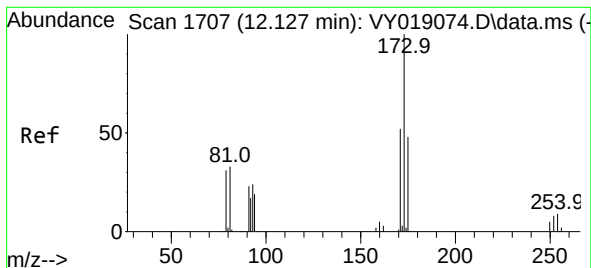
Tgt Ion:106 Resp: 41387
Ion Ratio Lower Upper
106 100
91 208.9 103.6 310.8



#70
Styrene
Concen: 21.723 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion:104 Resp: 72603
Ion Ratio Lower Upper
104 100
78 46.5 37.0 55.4
103 53.4 44.2 66.2





#71

Bromoform

Concen: 21.166 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

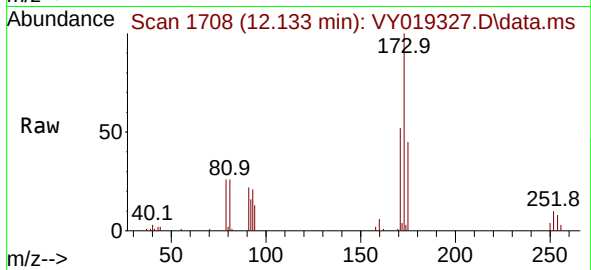
Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

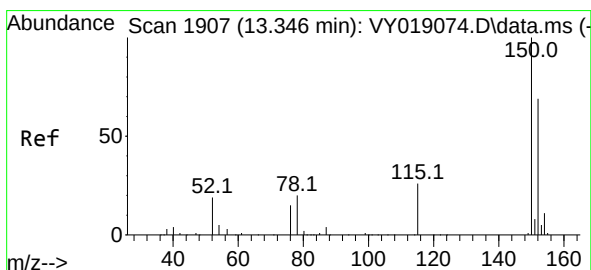
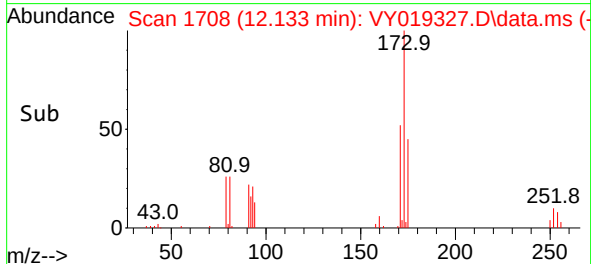
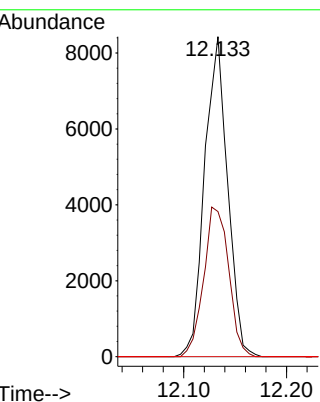
MSVOA_Y

ClientSampleId :



Tgt Ion:173 Resp: 13076

Ion	Ratio	Lower	Upper
173	100		
175	50.9	25.1	75.3
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

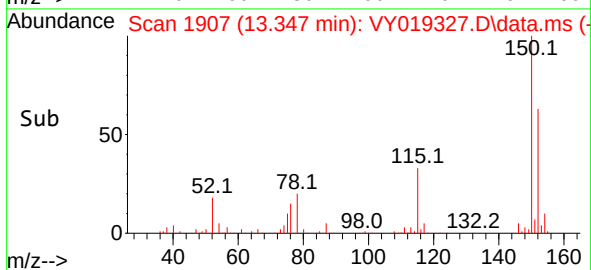
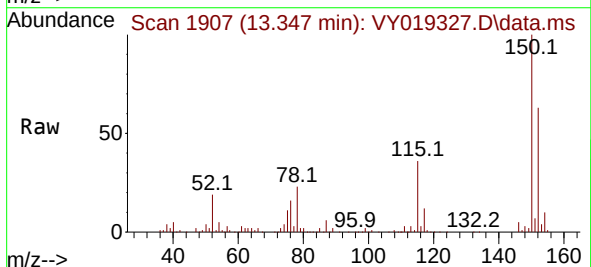
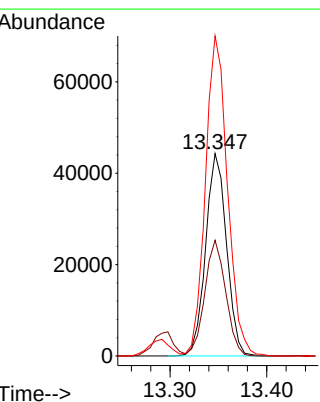
Delta R.T. 0.000 min

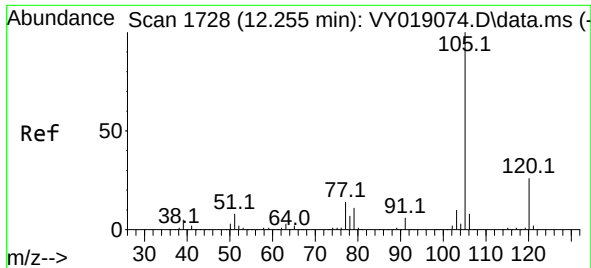
Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Tgt Ion:152 Resp: 66378

Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.7
150	167.1	0.0	345.6

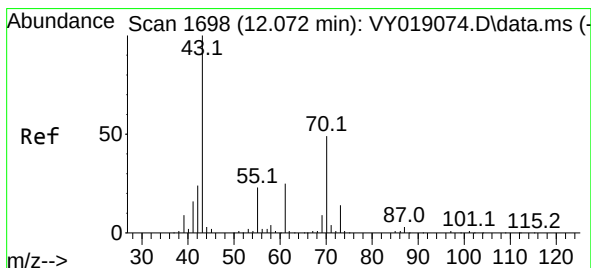
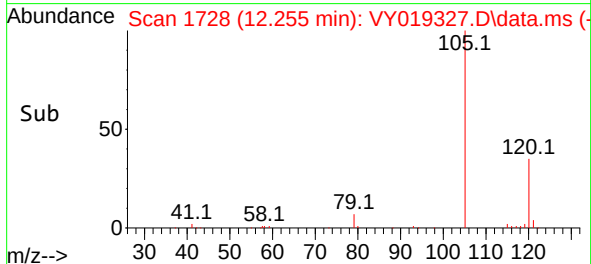
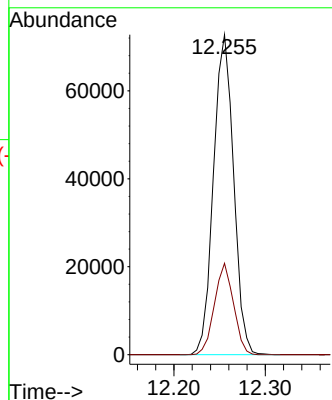
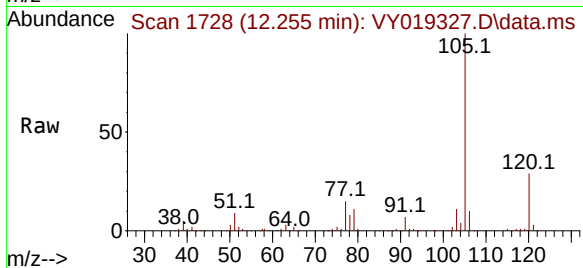




#73
Isopropylbenzene
Concen: 21.857 ug/l
RT: 12.255 min Scan# 111197
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

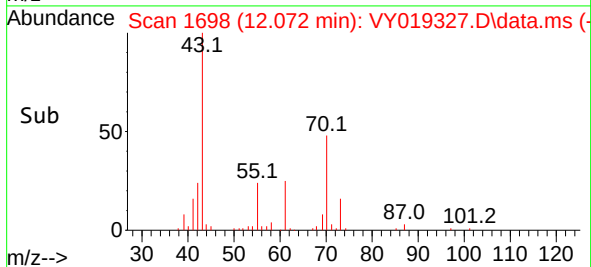
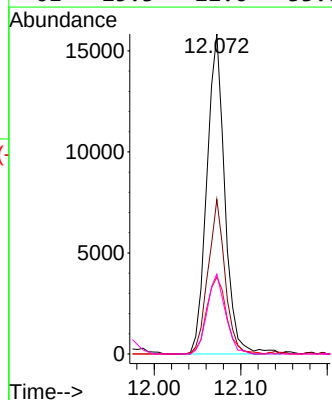
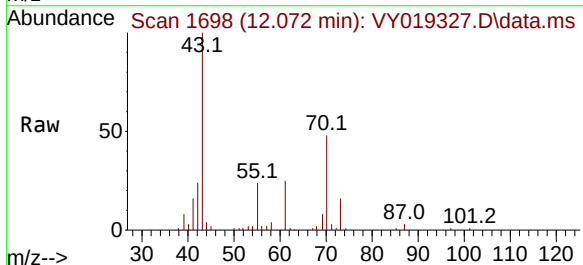
Instrument :
MSVOA_Y
ClientSampleId :

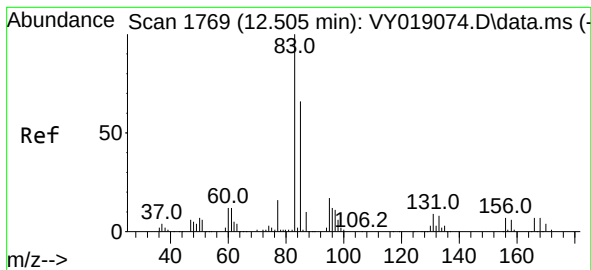
Tgt Ion:105 Resp: 111197
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 20.555 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 43 Resp: 22803
Ion Ratio Lower Upper
43 100
70 45.4 41.4 62.2
55 26.8 23.3 34.9
61 25.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.434 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

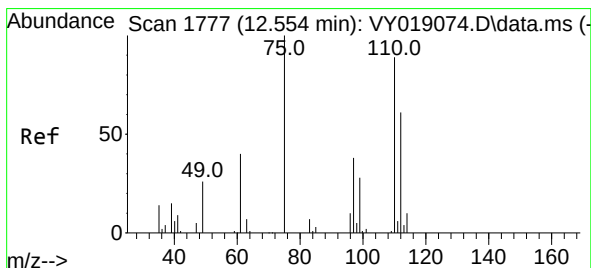
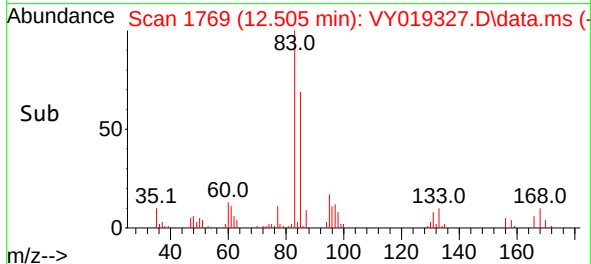
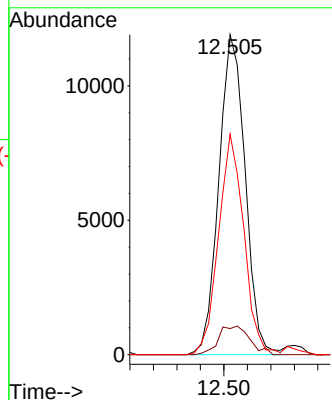
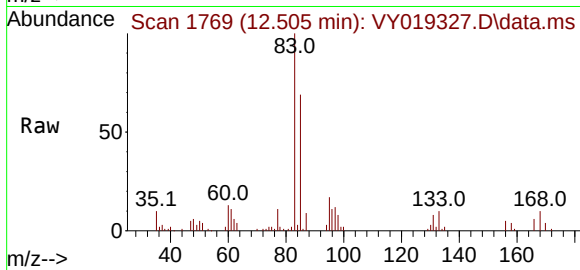
Tgt Ion: 83 Resp: 18508

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 66.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.597 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019327.D

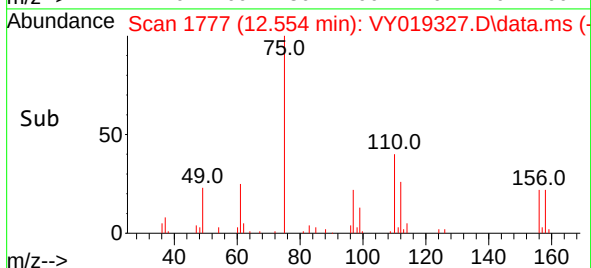
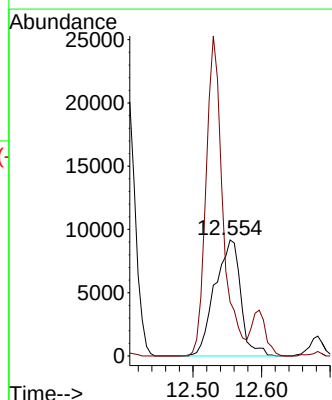
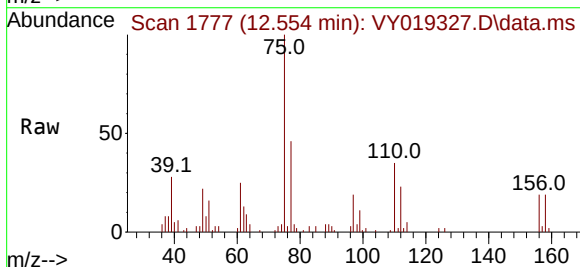
Acq: 28 Aug 2024 13:51

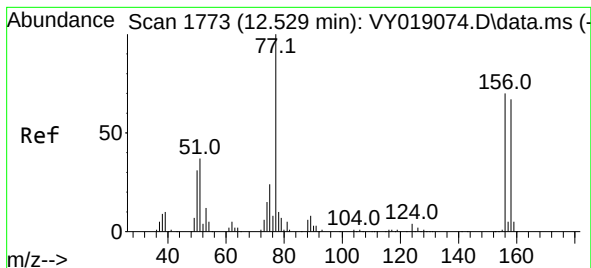
Tgt Ion: 75 Resp: 23957

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.898 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

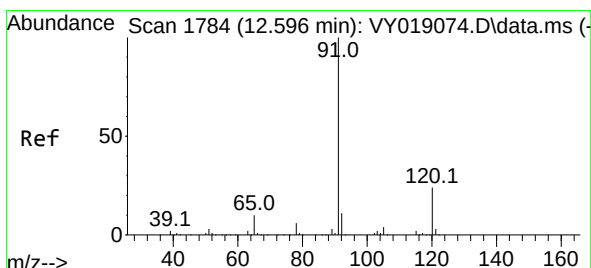
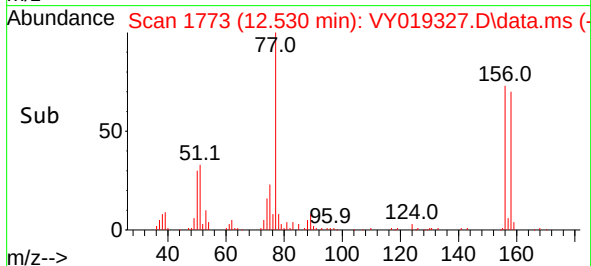
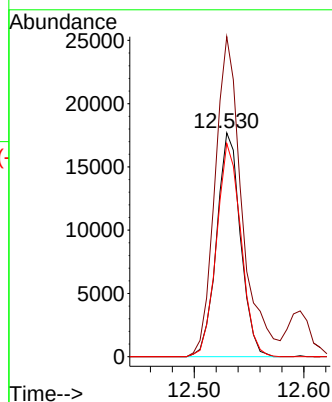
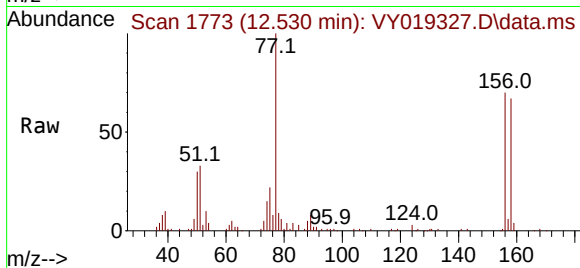
Tgt Ion:156 Resp: 26756

Ion Ratio Lower Upper

156 100

77 162.0 87.1 261.3

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 21.713 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019327.D

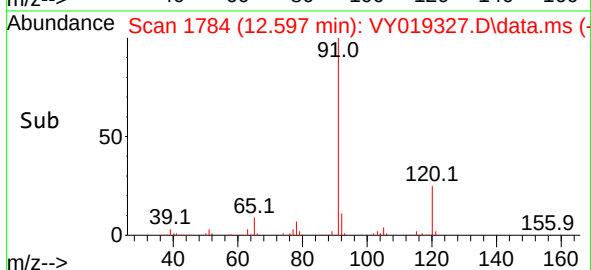
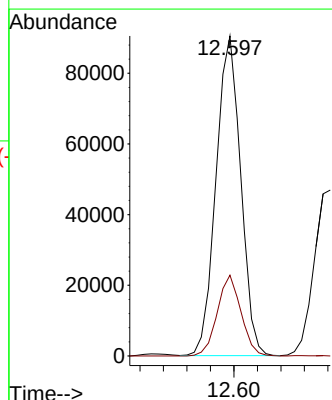
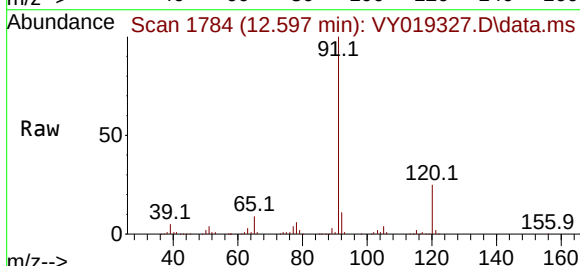
Acq: 28 Aug 2024 13:51

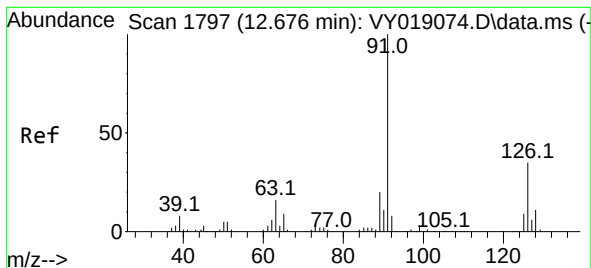
Tgt Ion: 91 Resp: 132055

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.816 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

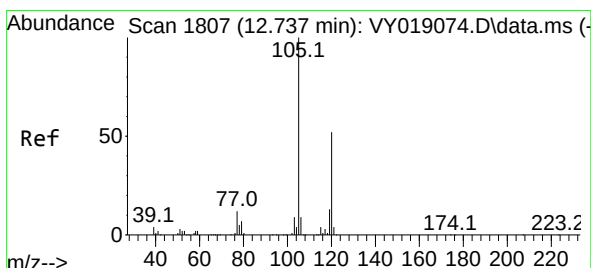
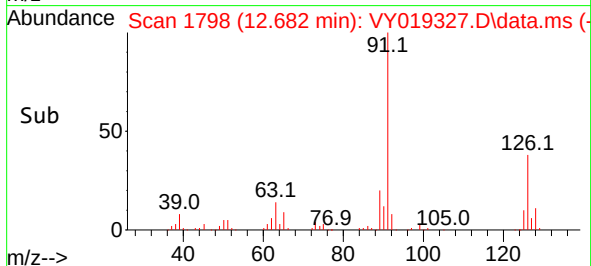
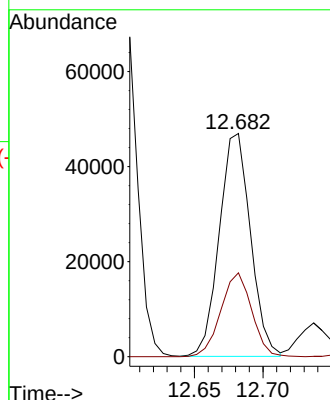
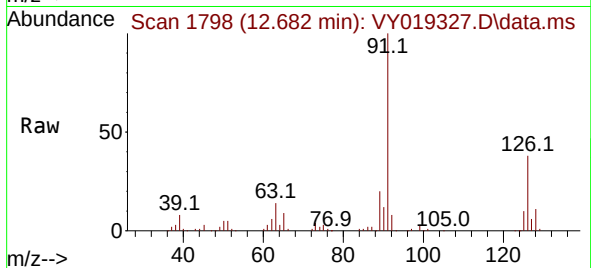
ClientSampleId :

Tgt Ion: 91 Resp: 74386

Ion Ratio Lower Upper

91 100

126 37.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.804 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019327.D

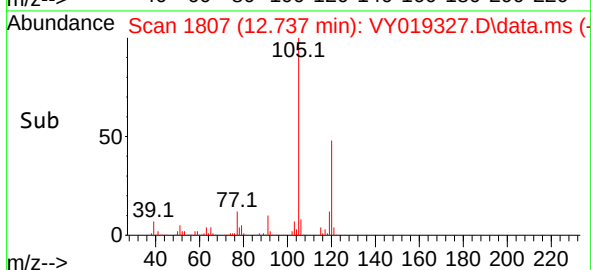
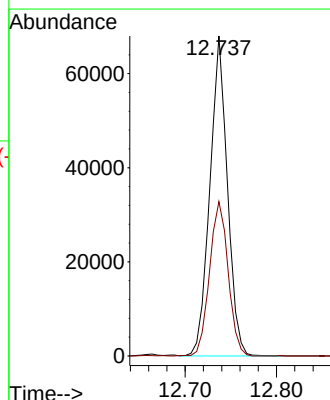
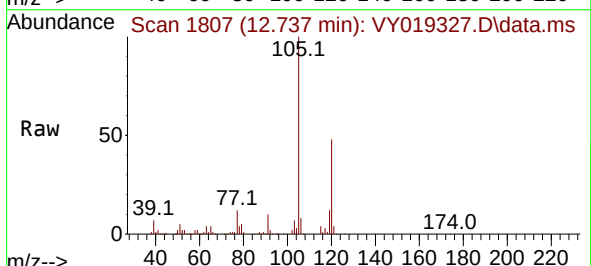
Acq: 28 Aug 2024 13:51

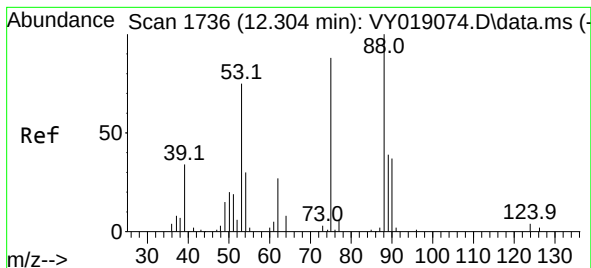
Tgt Ion: 105 Resp: 90367

Ion Ratio Lower Upper

105 100

120 51.2 25.1 75.2

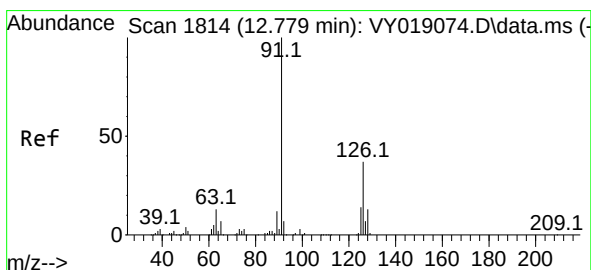
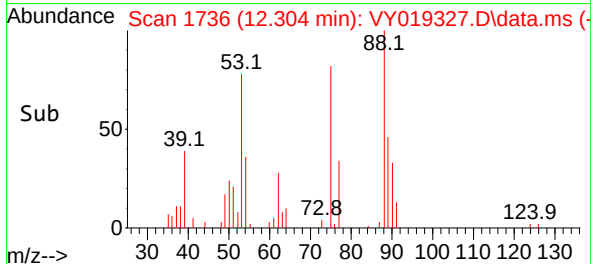
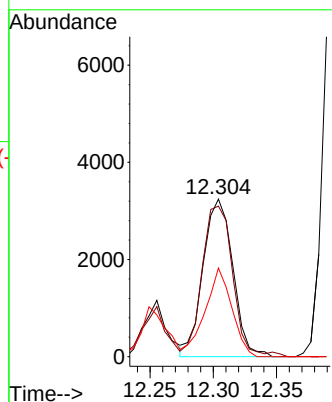
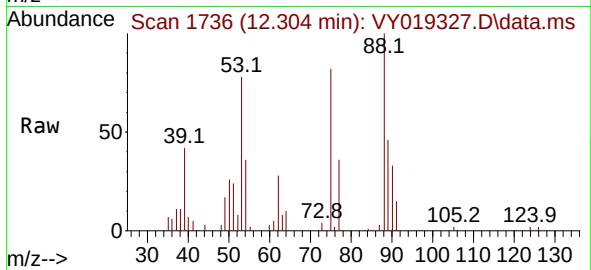




#81
trans-1,4-Dichloro-2-butene
Concen: 20.097 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

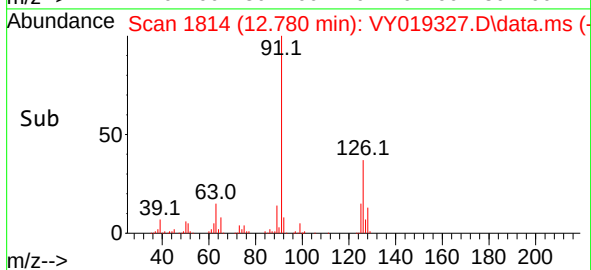
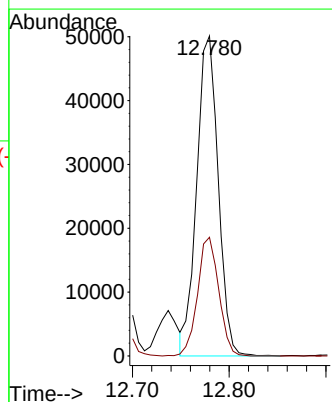
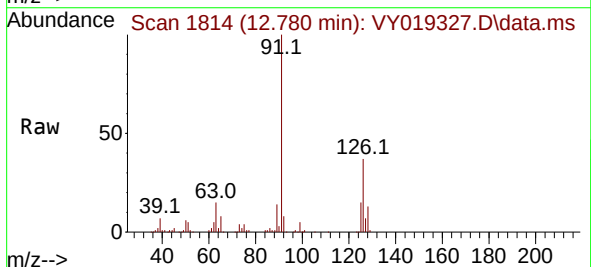
Instrument :
MSVOA_Y
ClientSampleId :

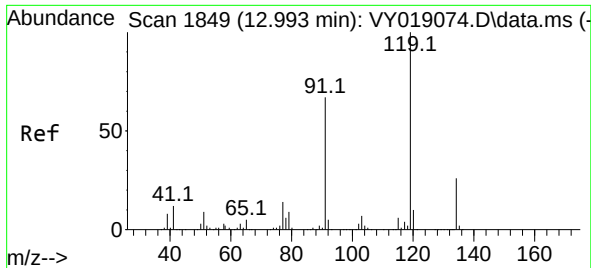
Tgt Ion: 75 Resp: 5327
Ion Ratio Lower Upper
75 100
53 98.0 66.8 100.2
89 50.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.852 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 91 Resp: 77520
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9

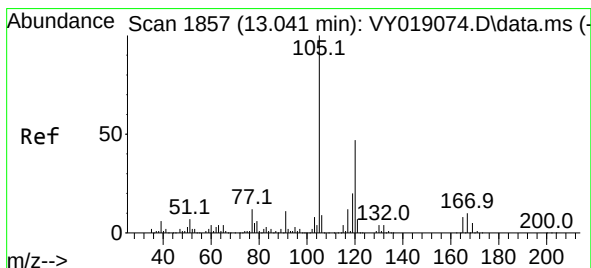
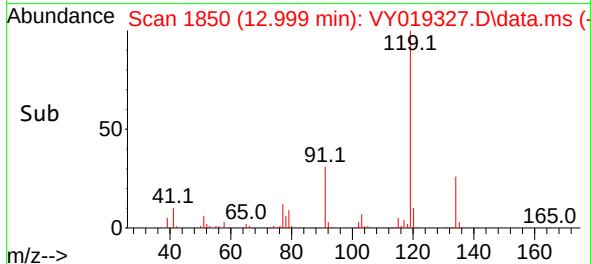
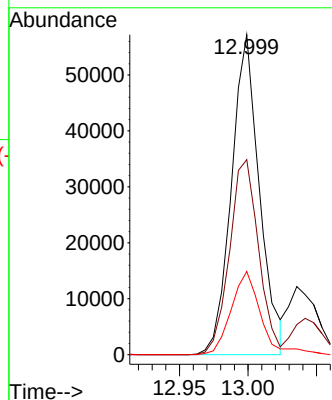
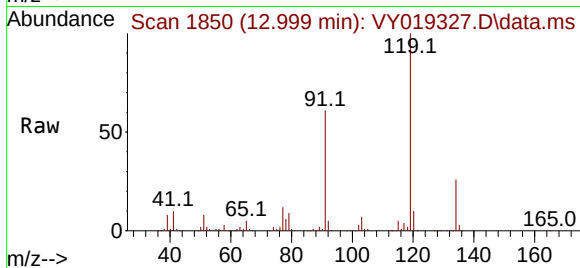




#83
tert-Butylbenzene
Concen: 21.276 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

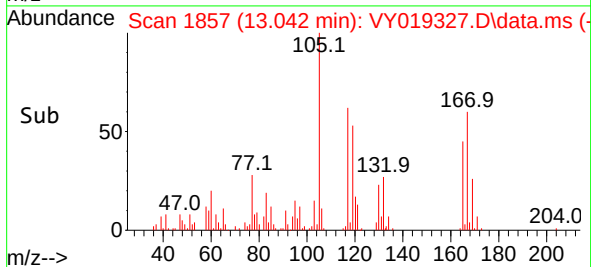
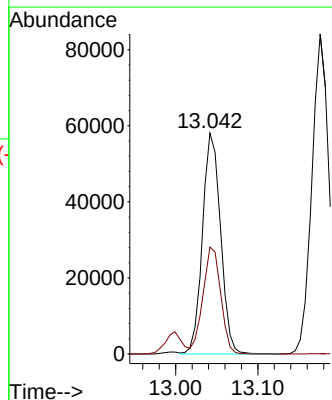
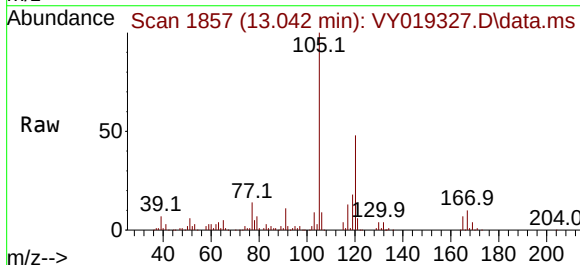
Instrument :
MSVOA_Y
ClientSampleId :

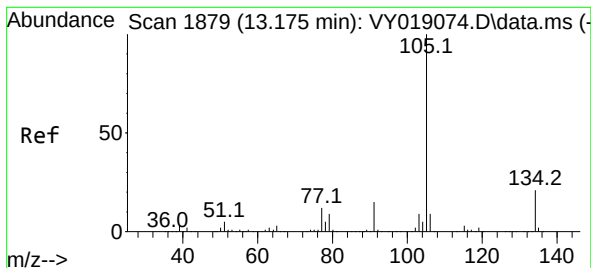
Tgt Ion:119 Resp: 81433
Ion Ratio Lower Upper
119 100
91 63.3 31.3 93.8
134 27.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.547 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion:105 Resp: 89005
Ion Ratio Lower Upper
105 100
120 47.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.893 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

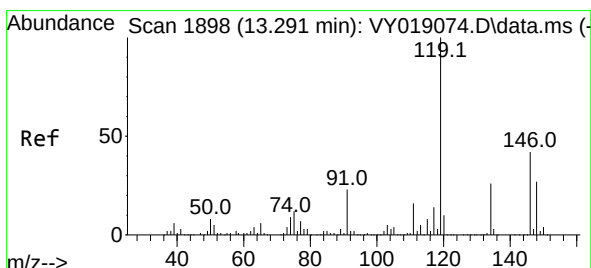
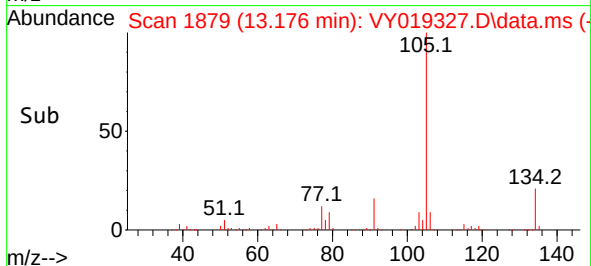
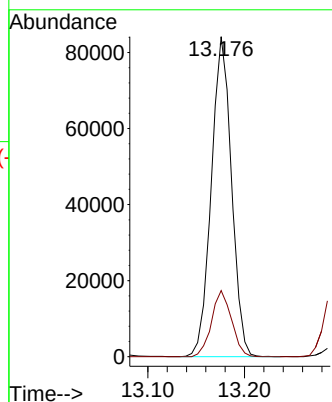
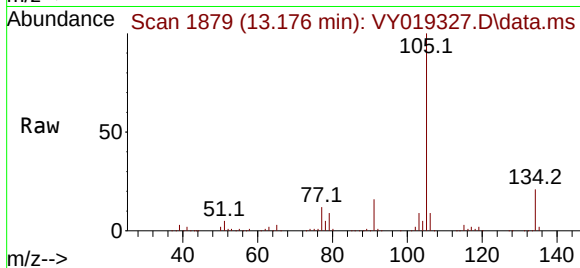
ClientSampleId :

Tgt Ion:105 Resp: 122112

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.944 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

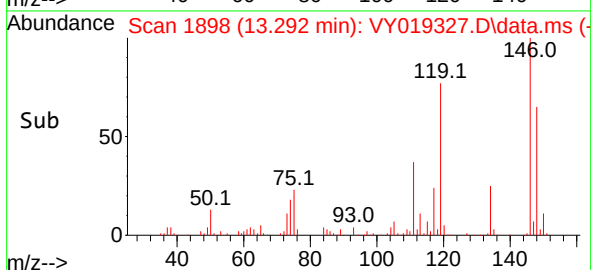
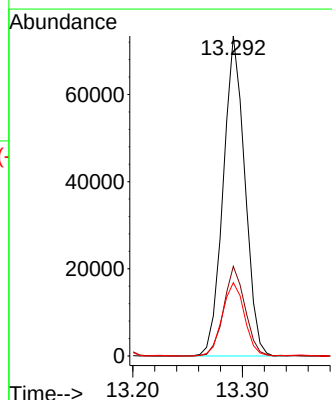
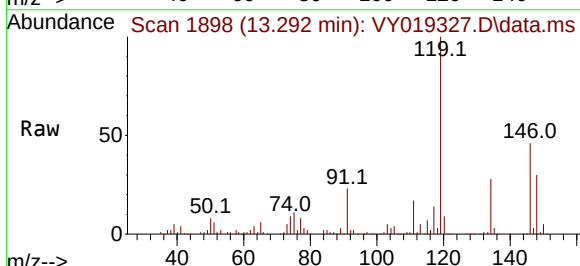
Tgt Ion:119 Resp: 100535

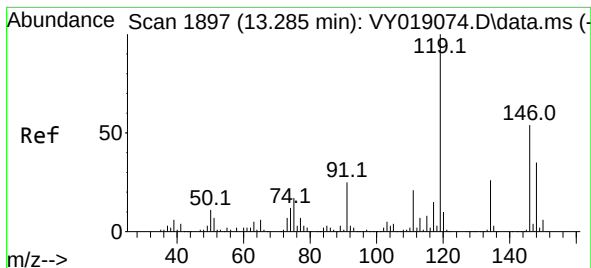
Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

91 23.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.340 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

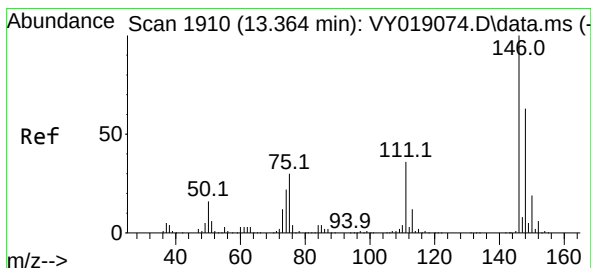
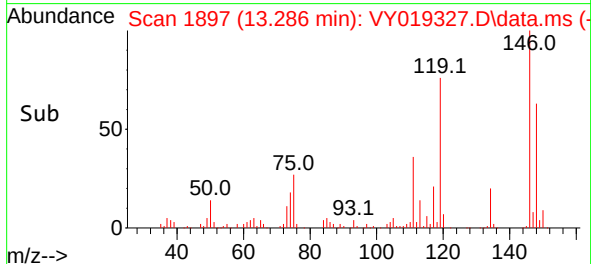
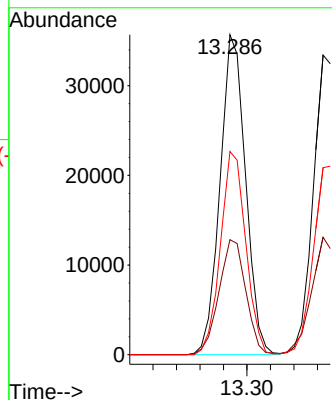
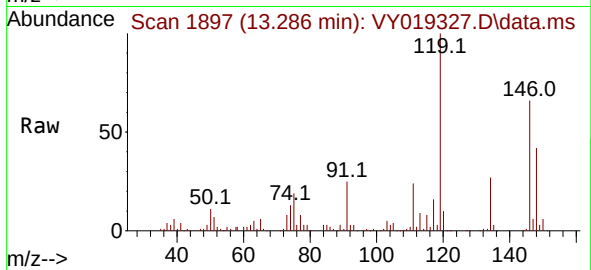
Tgt Ion:146 Resp: 53829

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

148 63.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.366 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

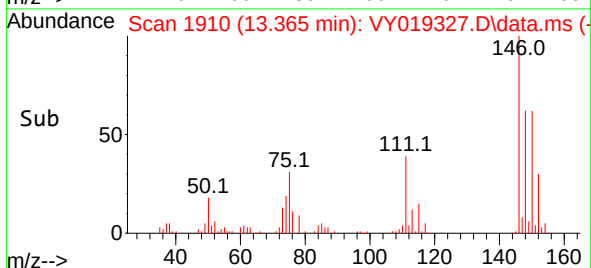
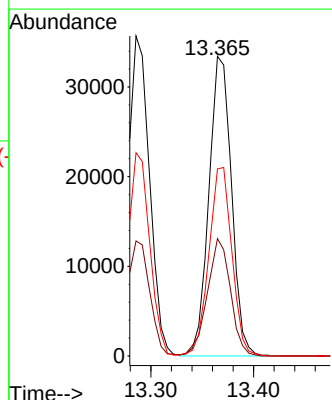
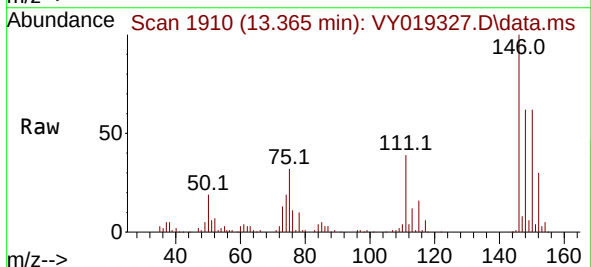
Tgt Ion:146 Resp: 51176

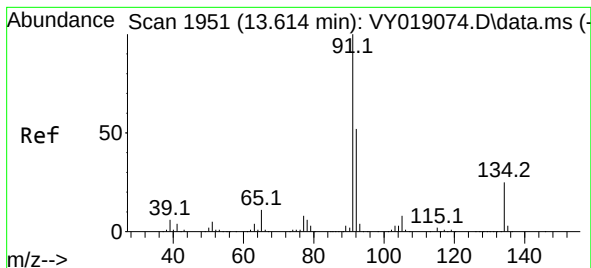
Ion Ratio Lower Upper

146 100

111 40.1 18.4 55.4

148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 21.931 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019327.D

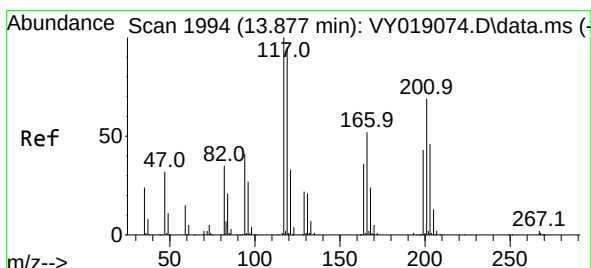
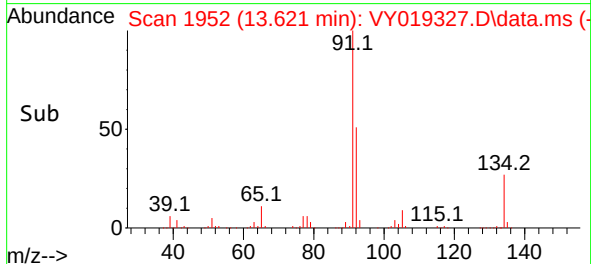
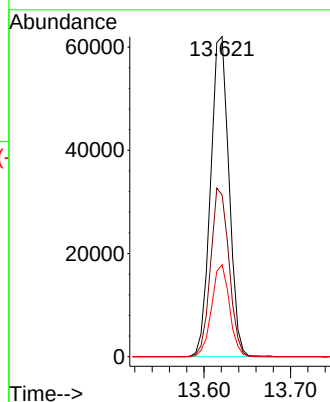
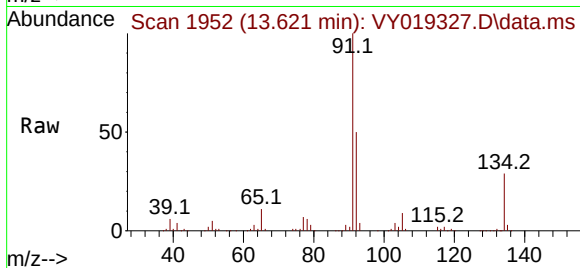
Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 91606
Ion Ratio	Lower Upper
91	100
92	52.7 26.6 79.7
134	27.9 12.9 38.7



#90

Hexachloroethane

Concen: 21.867 ug/l

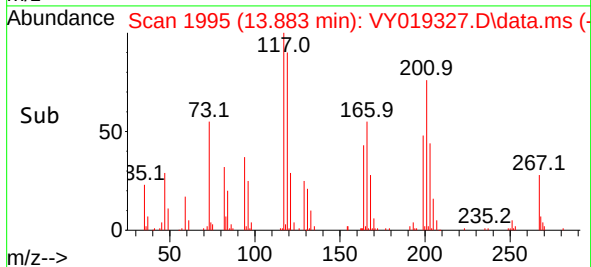
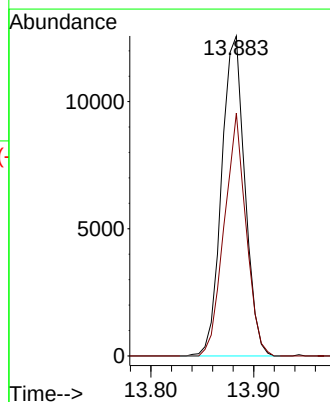
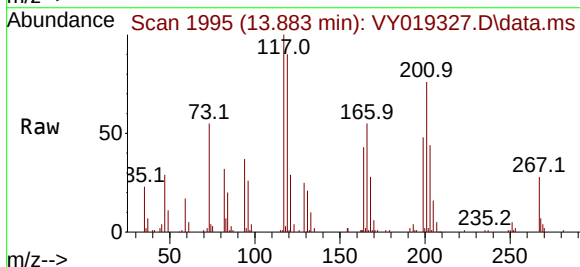
RT: 13.883 min Scan# 1995

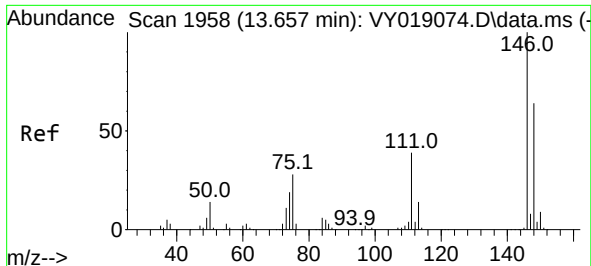
Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Tgt Ion: 117	Resp: 19746
Ion Ratio	Lower Upper
117	100
201	71.2 37.4 112.2

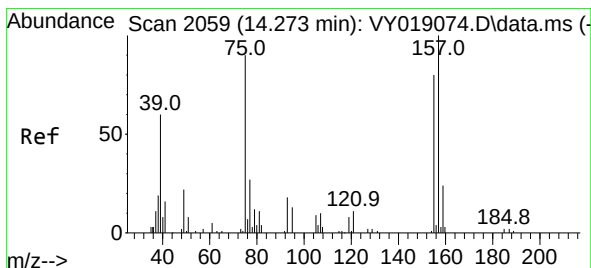
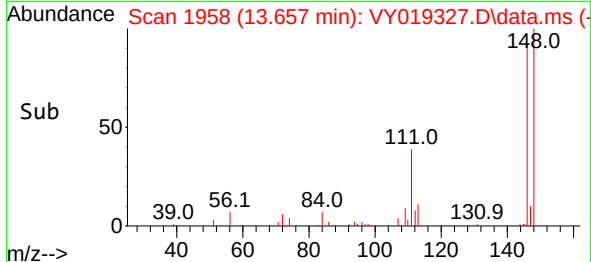
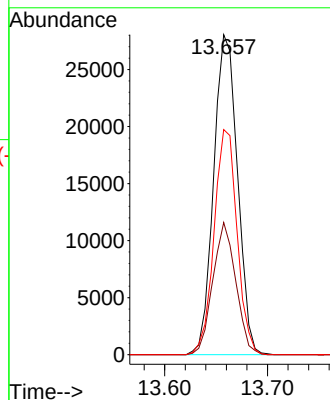
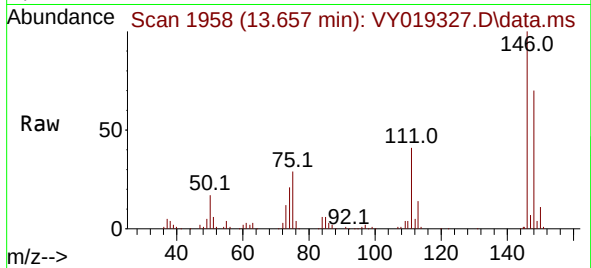




#91
1,2-Dichlorobenzene
Concen: 21.329 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

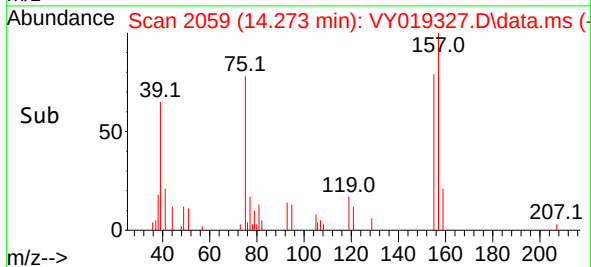
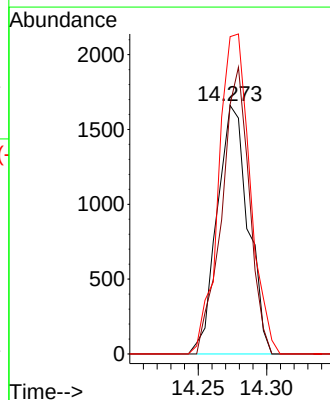
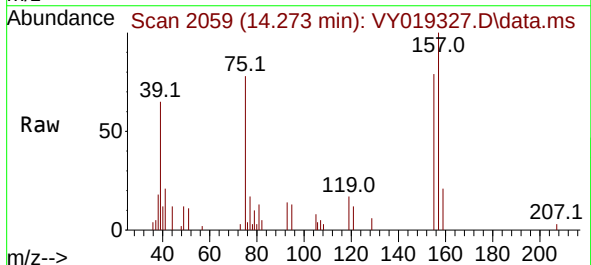
Instrument :
MSVOA_Y
ClientSampleId :

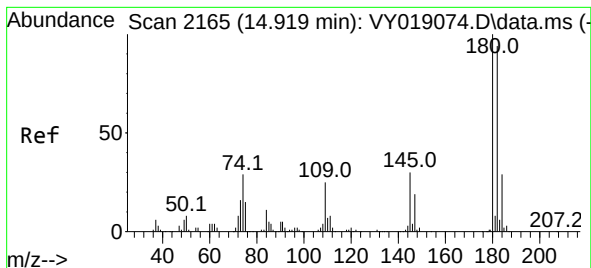
Tgt Ion:146 Resp: 45201
Ion Ratio Lower Upper
146 100
111 39.9 19.9 59.7
148 68.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.648 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019327.D
Acq: 28 Aug 2024 13:51

Tgt Ion: 75 Resp: 2618
Ion Ratio Lower Upper
75 100
155 102.0 48.6 145.8
157 130.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.699 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

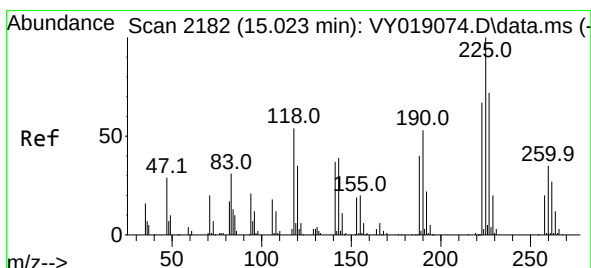
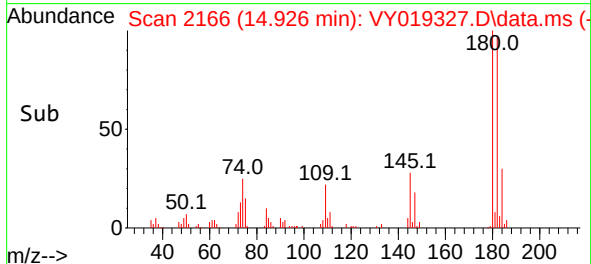
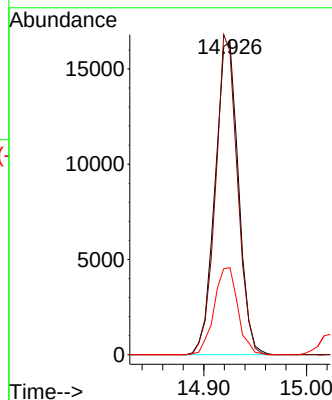
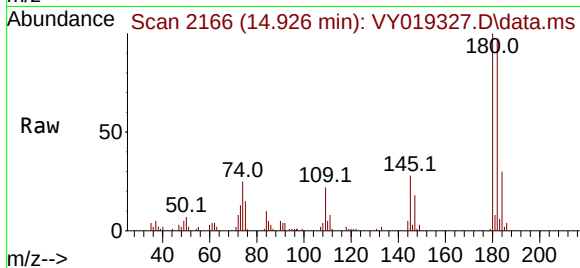
Tgt Ion:180 Resp: 25933

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.8

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 24.252 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

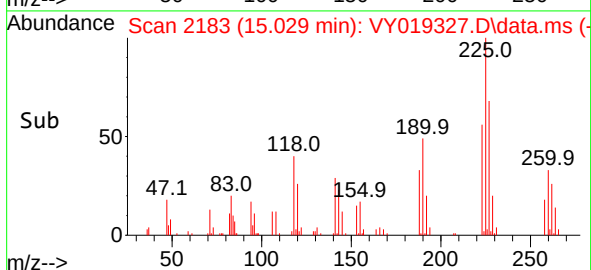
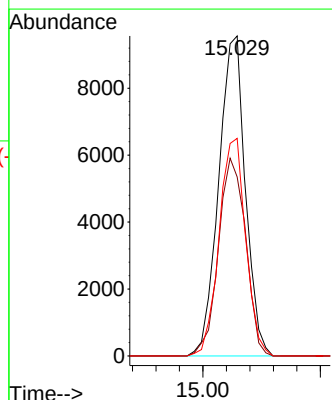
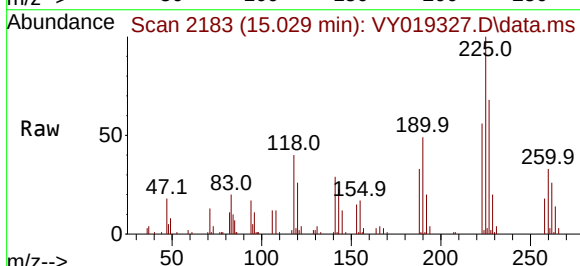
Tgt Ion:225 Resp: 15097

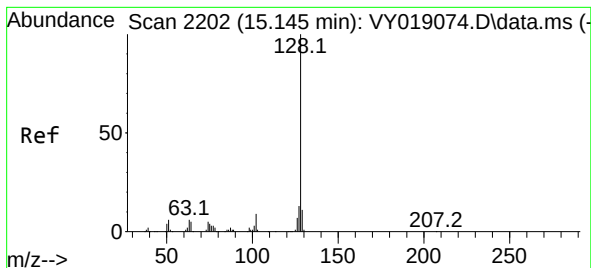
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 67.7 31.9 95.9





#95

Naphthalene

Concen: 20.233 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

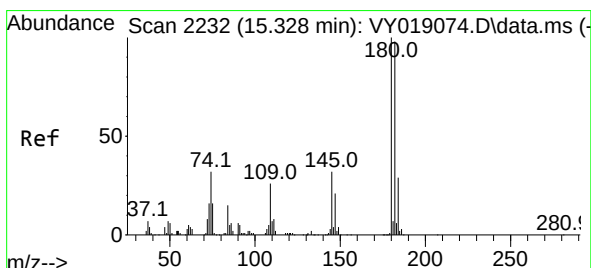
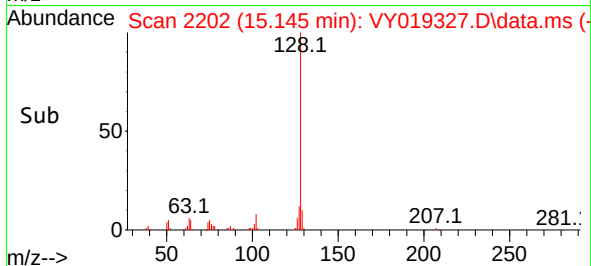
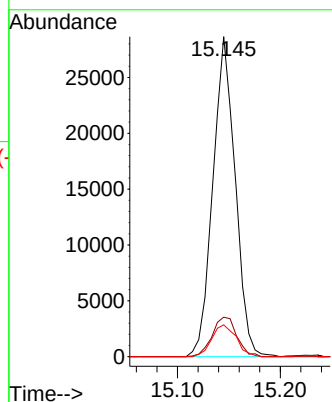
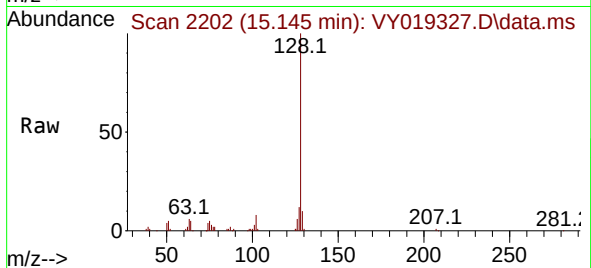
Tgt Ion:128 Resp: 43156

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.215 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019327.D

Acq: 28 Aug 2024 13:51

Tgt Ion:180 Resp: 22392

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.9

145 30.5 15.4 46.1

