

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021429.D
 Acq On : 06 Mar 2025 12:55
 Operator : SY/MD
 Sample : VY0306SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Quant Time: Mar 07 00:39:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	197190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	317024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	284896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114552	54.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.920%	
35) Dibromofluoromethane	7.634	113	108456	52.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.100%	
50) Toluene-d8	10.103	98	405827	51.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.408	95	141225	52.620	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	35558	19.650	ug/l	96
3) Chloromethane	2.068	50	52949	20.755	ug/l	96
4) Vinyl Chloride	2.202	62	58685	21.049	ug/l	99
5) Bromomethane	2.586	94	42039	20.863	ug/l	95
6) Chloroethane	2.733	64	40824	22.158	ug/l	94
7) Trichlorofluoromethane	3.056	101	80838	20.774	ug/l	96
8) Diethyl Ether	3.452	74	22347	20.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	43988	19.799	ug/l	99
10) Methyl Iodide	4.001	142	44089	19.522	ug/l	100
11) Tert butyl alcohol	4.860	59	17013	113.220	ug/l #	72
12) 1,1-Dichloroethene	3.787	96	40773	20.129	ug/l	98
13) Acrolein	3.653	56	17122	161.514	ug/l	96
14) Allyl chloride	4.385	41	65445	19.993	ug/l	98
15) Acrylonitrile	5.055	53	48263	105.132	ug/l	99
16) Acetone	3.867	43	37789	83.130	ug/l	92
17) Carbon Disulfide	4.104	76	123987	19.532	ug/l	100
18) Methyl Acetate	4.385	43	21520	21.336	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	104712	20.396	ug/l	99
20) Methylene Chloride	4.616	84	48615	20.374	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	45523	20.068	ug/l	91
22) Diisopropyl ether	6.019	45	148861	21.102	ug/l	97
23) Vinyl Acetate	5.958	43	418814	104.026	ug/l	98
24) 1,1-Dichloroethane	5.915	63	85283	20.483	ug/l	98
25) 2-Butanone	6.890	43	59932	95.309	ug/l	97
26) 2,2-Dichloropropane	6.884	77	70954	18.521	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	51954	20.160	ug/l	99
28) Bromochloromethane	7.244	49	33556	19.224	ug/l	98
29) Tetrahydrofuran	7.256	42	40277	103.753	ug/l	99
30) Chloroform	7.415	83	91972	21.273	ug/l	96
31) Cyclohexane	7.701	56	73337	18.788	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	79136	19.991	ug/l	99
36) 1,1-Dichloropropene	7.835	75	62244	19.082	ug/l	98
37) Ethyl Acetate	6.988	43	29173	20.235	ug/l	97
38) Carbon Tetrachloride	7.817	117	70264	18.730	ug/l	98
39) Methylcyclohexane	9.110	83	72710	18.173	ug/l	99
40) Benzene	8.079	78	190921	19.869	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	15276	19.460	ug/l	95
42) 1,2-Dichloroethane	8.152	62	54960	20.446	ug/l	99
43) Isopropyl Acetate	8.195	43	54803	19.581	ug/l #	88
44) Trichloroethene	8.866	130	46195	19.025	ug/l	93
45) 1,2-Dichloropropane	9.140	63	46832	20.478	ug/l	95
46) Dibromomethane	9.231	93	25456	20.006	ug/l	98
47) Bromodichloromethane	9.420	83	68125	20.160	ug/l	99
48) Methyl methacrylate	9.219	41	24350	18.947	ug/l	95
49) 1,4-Dioxane	9.225	88	5487	439.330	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	145575	100.811	ug/l	98
52) Toluene	10.170	92	119217	19.680	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	57714	19.386	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	68787	19.461	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	33986	20.418	ug/l	94
56) Ethyl methacrylate	10.439	69	41790	19.686	ug/l	98
57) 1,3-Dichloropropane	10.719	76	59572	20.650	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	105149	107.301	ug/l	98
59) 2-Hexanone	10.762	43	92172	96.532	ug/l	98
60) Dibromochloromethane	10.908	129	45450	19.918	ug/l	100
61) 1,2-Dibromoethane	11.012	107	31489	20.045	ug/l	100
64) Tetrachloroethene	10.646	164	43602	18.821	ug/l	97
65) Chlorobenzene	11.438	112	128907	19.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	45704	19.215	ug/l	98
67) Ethyl Benzene	11.518	91	220217	18.649	ug/l	99
68) m/p-Xylenes	11.627	106	169502	37.809	ug/l	98
69) o-Xylene	11.957	106	77803	18.830	ug/l	99
70) Styrene	11.969	104	133689	19.504	ug/l	99
71) Bromoform	12.127	173	26030	19.577	ug/l #	100
73) Isopropylbenzene	12.255	105	208083	18.150	ug/l	99
74) N-amyl acetate	12.066	43	47561	19.102	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	38365	18.963	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	49854	33.993	ug/l #	100
77) Bromobenzene	12.530	156	50969	19.003	ug/l	100
78) n-propylbenzene	12.597	91	256602	18.429	ug/l	100
79) 2-Chlorotoluene	12.682	91	149480	18.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	171567	18.415	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	11197	17.356	ug/l	94
82) 4-Chlorotoluene	12.780	91	153440	18.612	ug/l	99
83) tert-Butylbenzene	12.999	119	155498	18.709	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	175877	19.013	ug/l	99
85) sec-Butylbenzene	13.176	105	227701	18.413	ug/l	100
86) p-Isopropyltoluene	13.292	119	187268	18.381	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	98798	18.505	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	99121	18.984	ug/l	99
89) n-Butylbenzene	13.621	91	171306	18.209	ug/l	99
90) Hexachloroethane	13.877	117	39511	18.179	ug/l	97
91) 1,2-Dichlorobenzene	13.658	146	87985	19.228	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5795	19.122	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	46812	18.729	ug/l	97
94) Hexachlorobutadiene	15.023	225	30717	19.606	ug/l	96
95) Naphthalene	15.145	128	72201	19.111	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	39613	18.844	ug/l	97

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ClientSampleId :
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QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

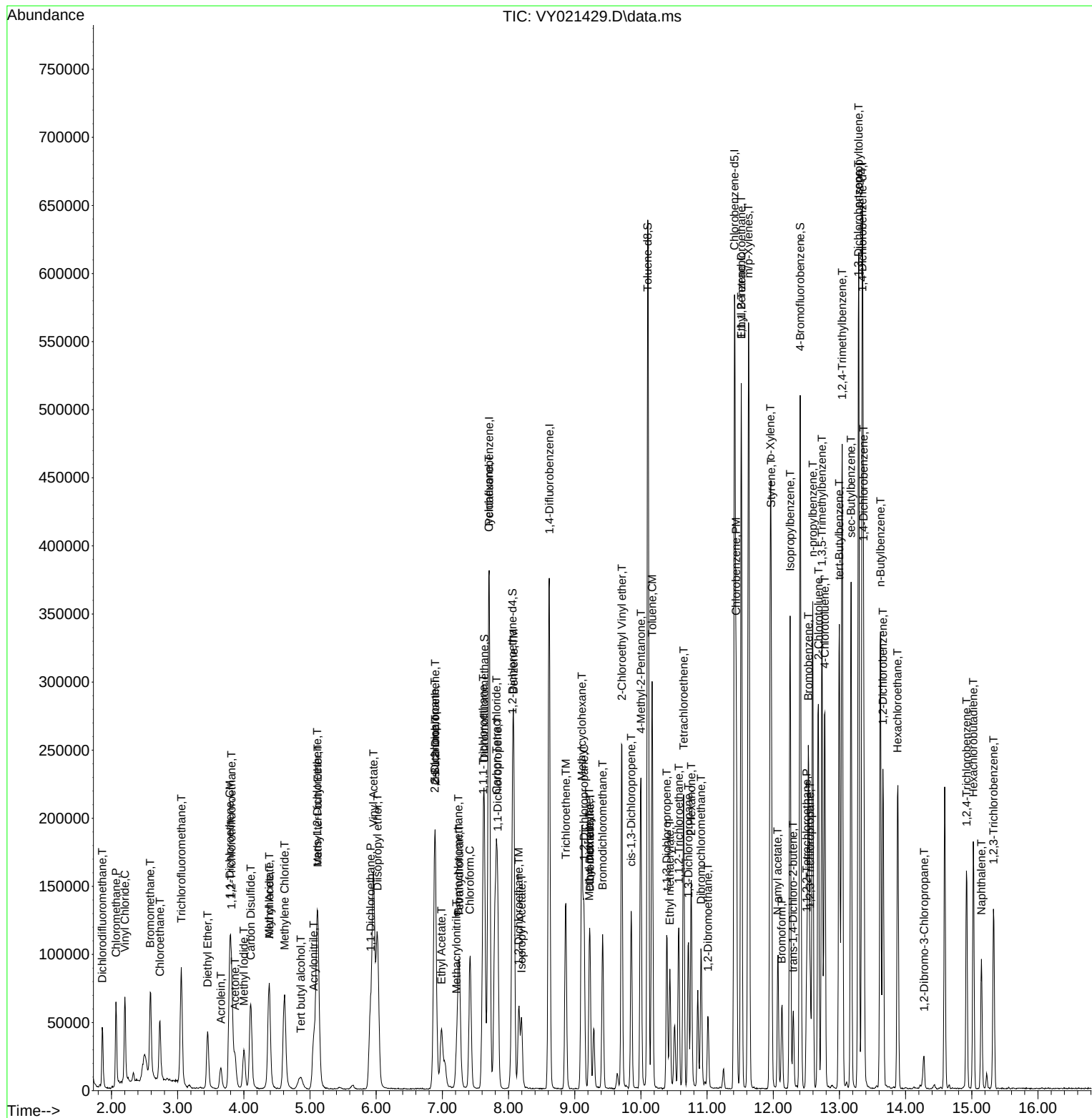
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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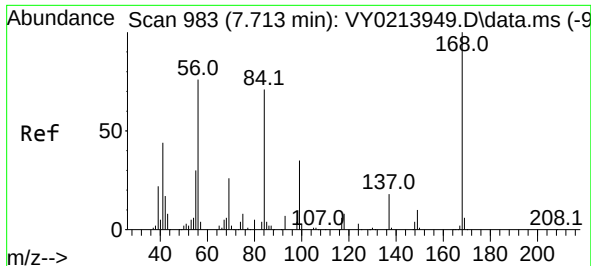
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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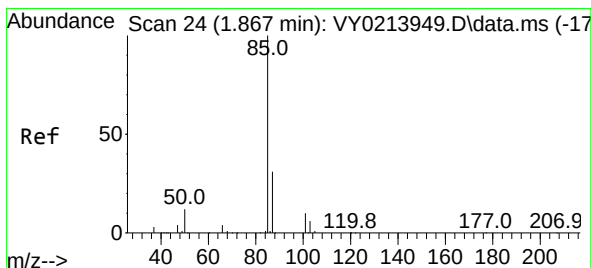
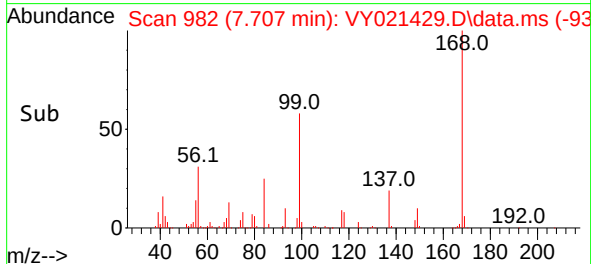
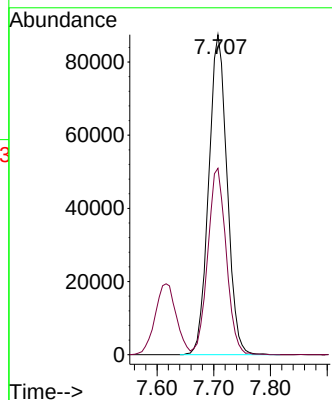
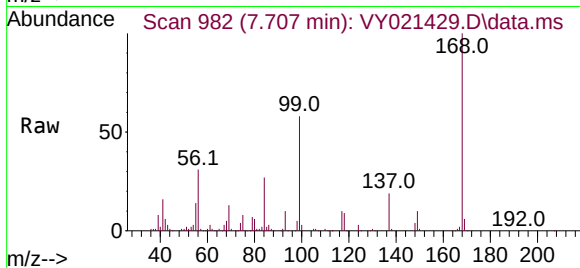




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021429.D
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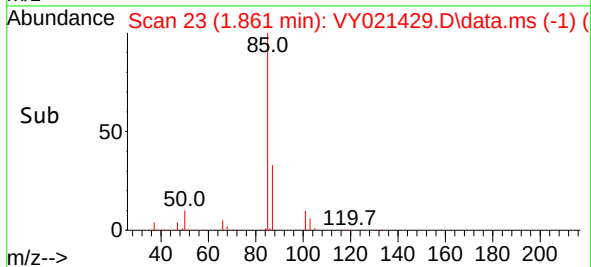
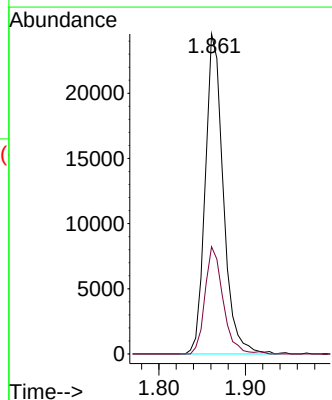
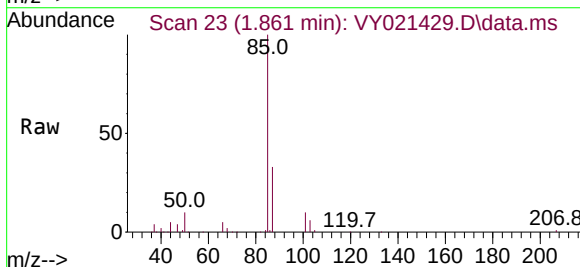
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

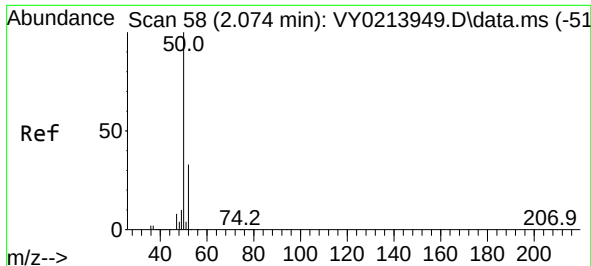
Tgt Ion:168 Resp: 197190
Ion Ratio Lower Upper
168 100
99 58.2 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 19.650 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 85 Resp: 35558
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0

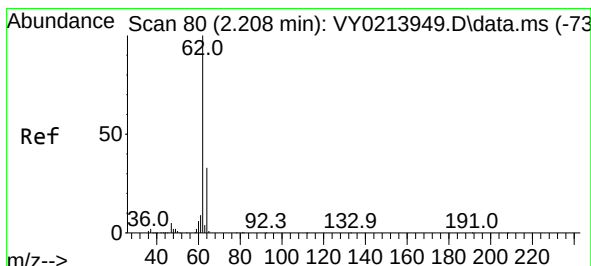
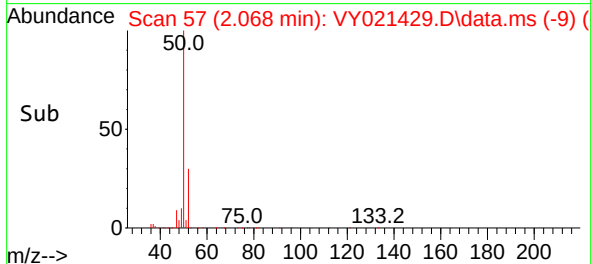
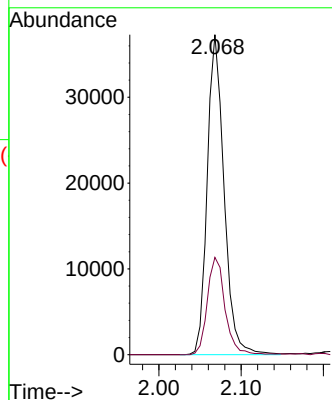
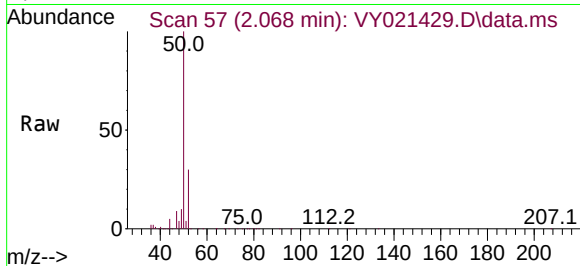




#3
Chloromethane
Concen: 20.755 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

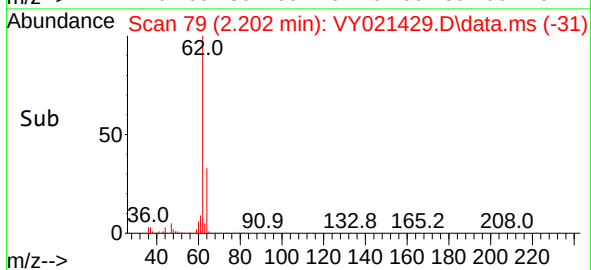
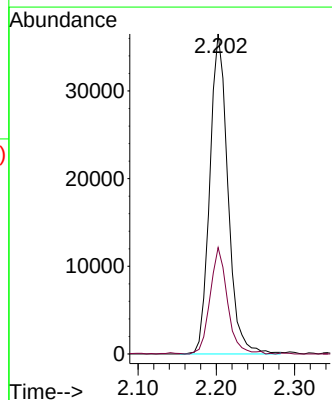
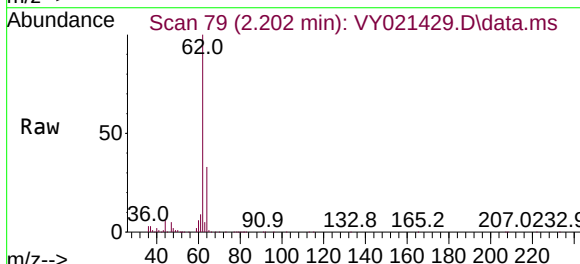
Instrument :
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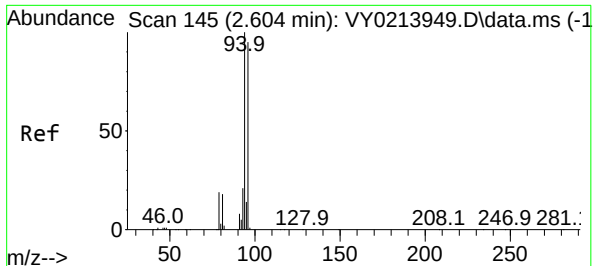
Tgt Ion: 50 Resp: 52949
Ion Ratio Lower Upper
50 100
52 30.4 26.2 39.2



#4
Vinyl Chloride
Concen: 21.049 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 62 Resp: 58685
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2

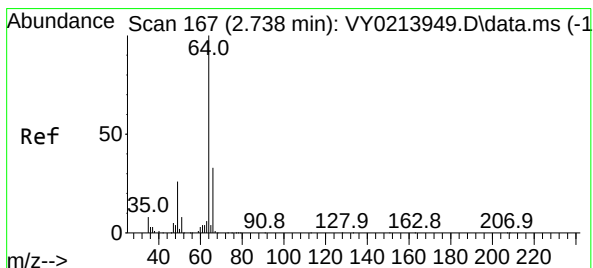
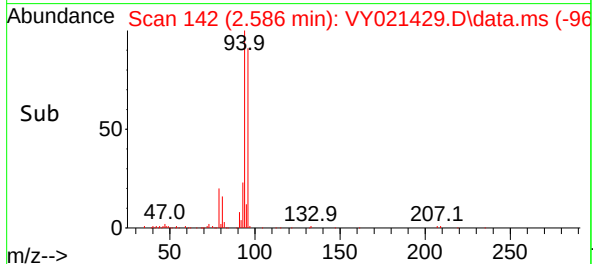
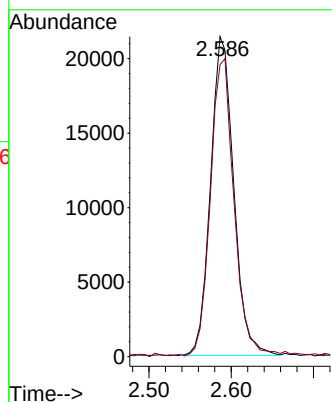
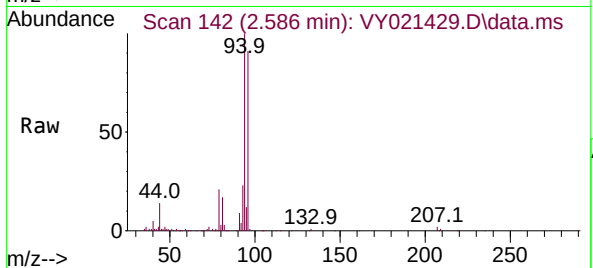




#5
Bromomethane
Concen: 20.863 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

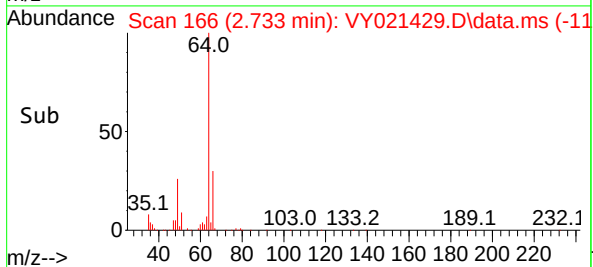
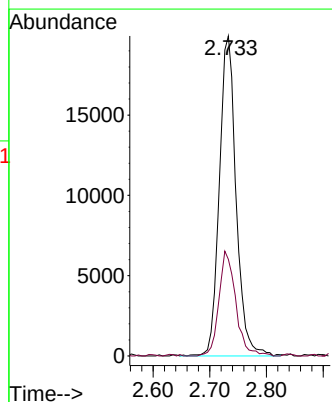
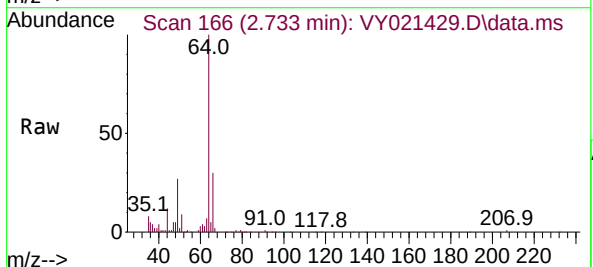
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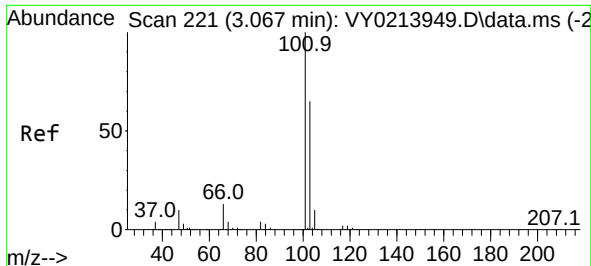
Tgt Ion: 94 Resp: 42039
Ion Ratio Lower Upper
94 100
96 90.8 76.3 114.5



#6
Chloroethane
Concen: 22.158 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 64 Resp: 40824
Ion Ratio Lower Upper
64 100
66 30.2 26.7 40.1

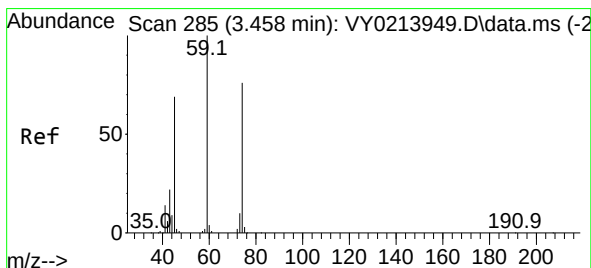
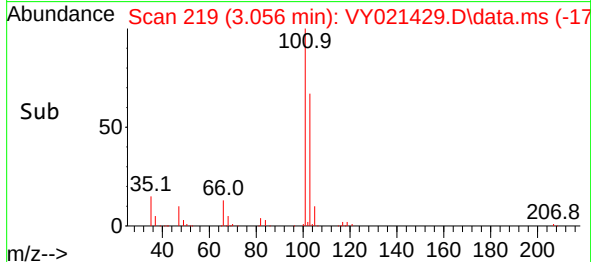
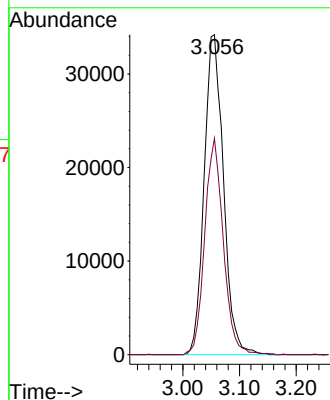
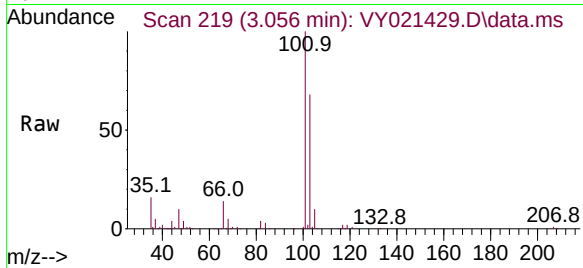




#7
 Trichlorofluoromethane
 Concen: 20.774 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

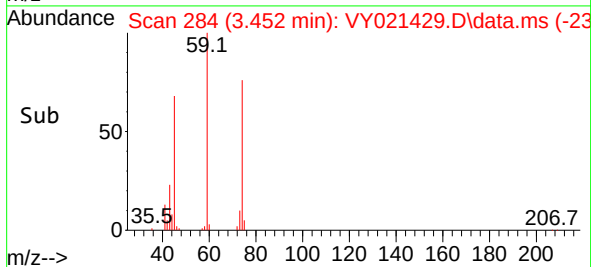
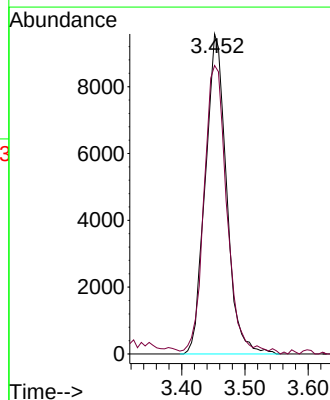
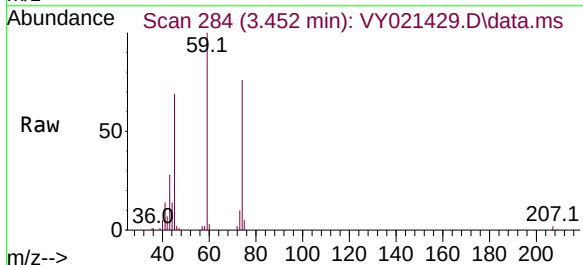
Instrument :
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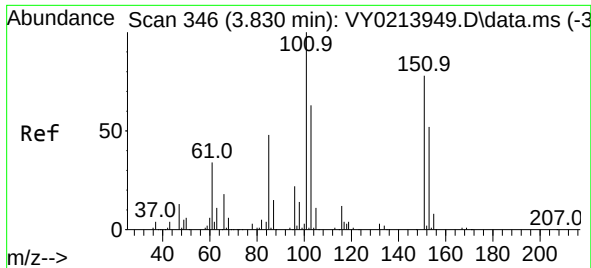
Tgt Ion:101 Resp: 80838
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.7 77.5



#8
 Diethyl Ether
 Concen: 20.722 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 22347
 Ion Ratio Lower Upper
 74 100
 45 97.3 49.7 149.1

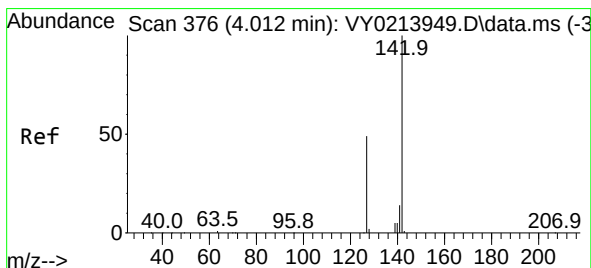
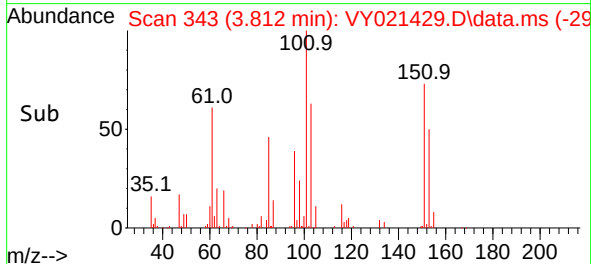
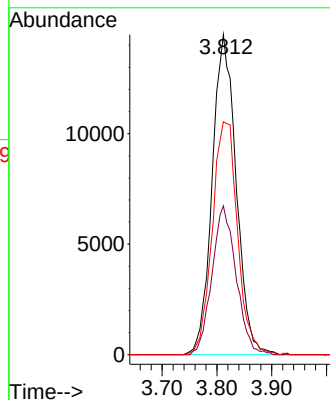
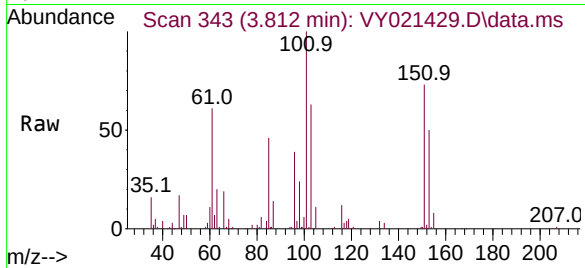




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.799 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

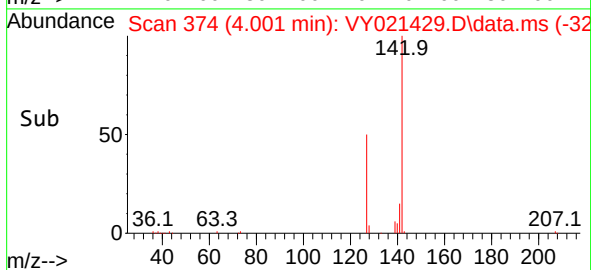
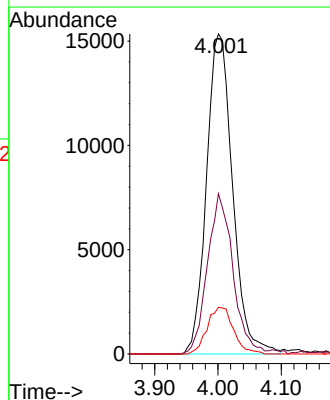
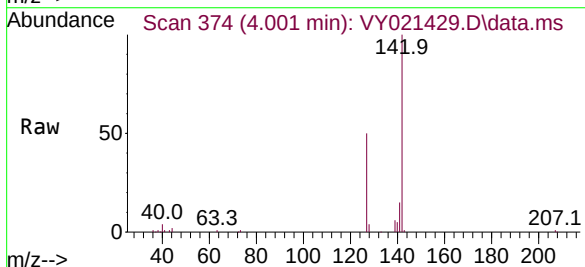
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

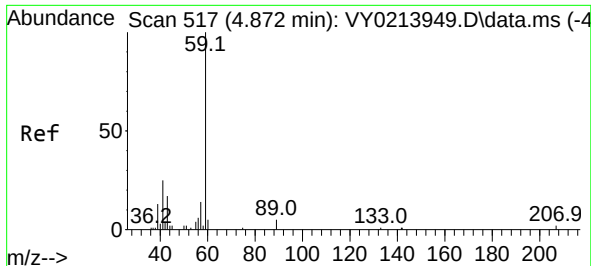
Tgt Ion:101 Resp: 43988
Ion Ratio Lower Upper
101 100
85 46.7 37.1 55.7
151 76.6 62.1 93.1



#10
Methyl Iodide
Concen: 19.522 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion:142 Resp: 44089
Ion Ratio Lower Upper
142 100
127 48.8 39.1 58.7
141 14.7 11.8 17.6

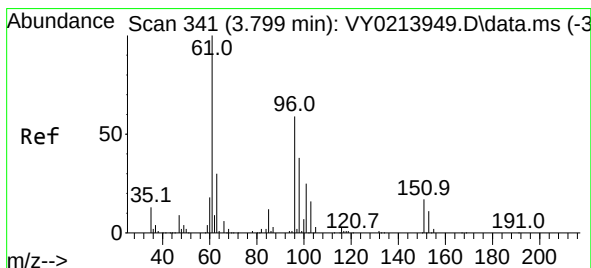
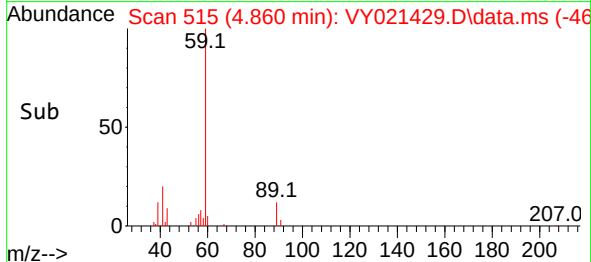
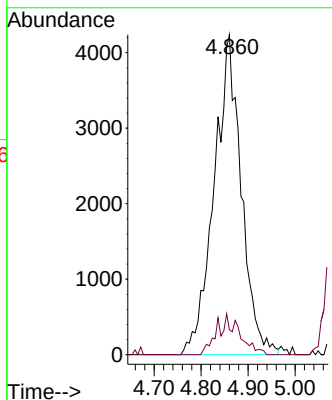
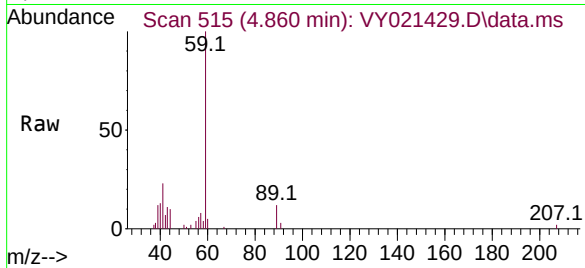




#11
Tert butyl alcohol
Concen: 113.220 ug/l
RT: 4.860 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

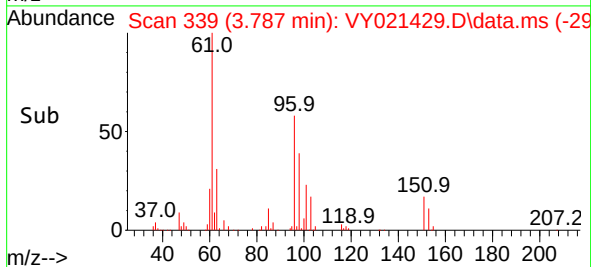
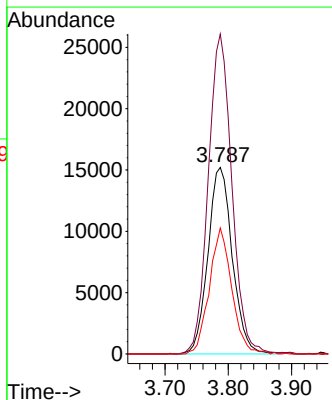
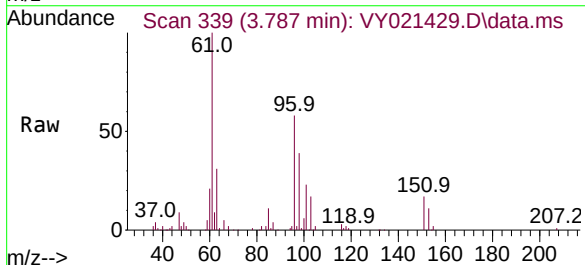
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

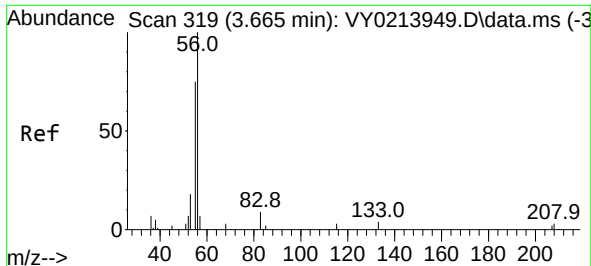
Tgt Ion: 59 Resp: 17013
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 20.129 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 96 Resp: 40773
Ion Ratio Lower Upper
96 100
61 171.5 135.2 202.8
98 67.5 51.4 77.2

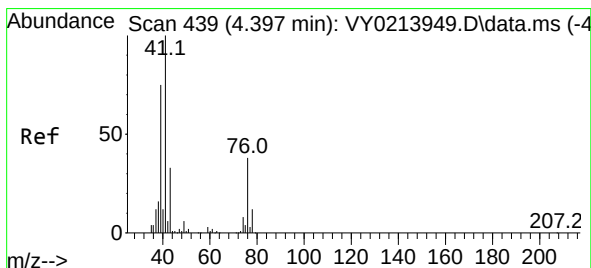
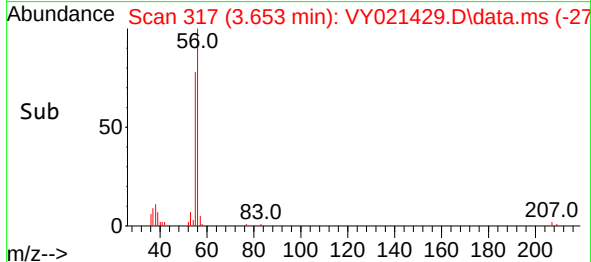
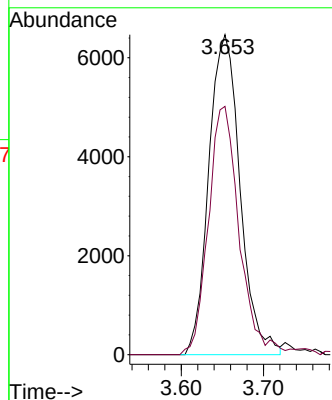
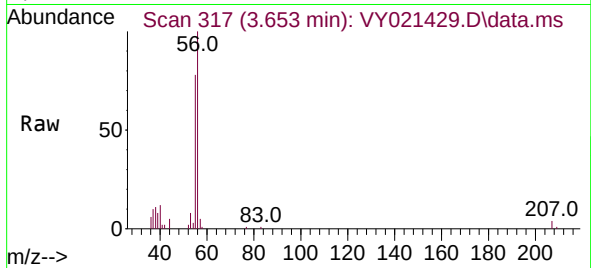




#13
Acrolein
Concen: 161.514 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

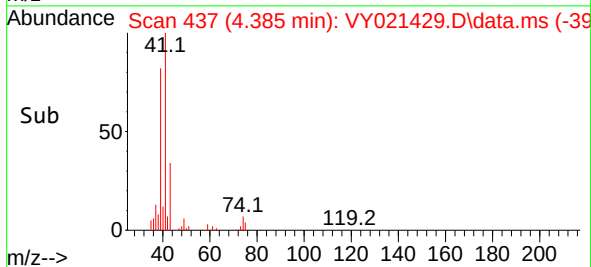
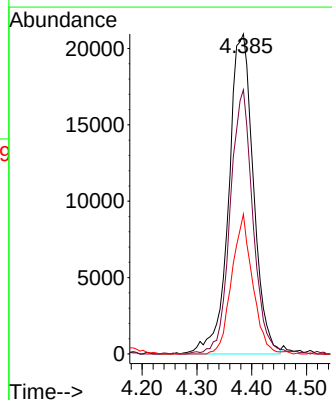
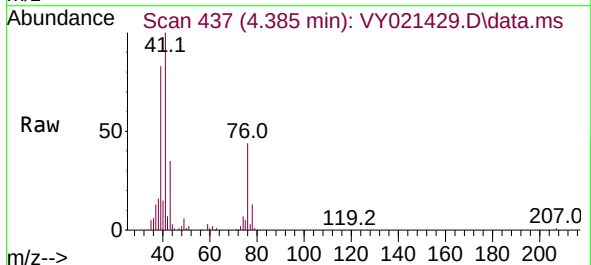
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

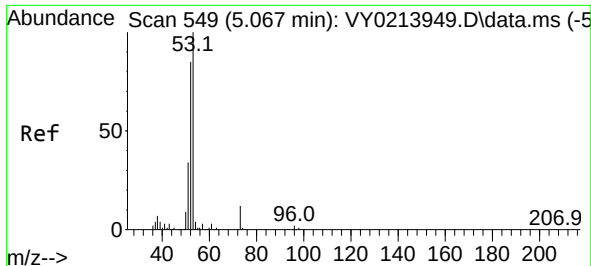
Tgt Ion: 56 Resp: 17122
Ion Ratio Lower Upper
56 100
55 76.0 63.4 95.2



#14
Allyl chloride
Concen: 19.993 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 41 Resp: 65445
Ion Ratio Lower Upper
41 100
39 76.4 59.3 88.9
76 37.0 29.8 44.8

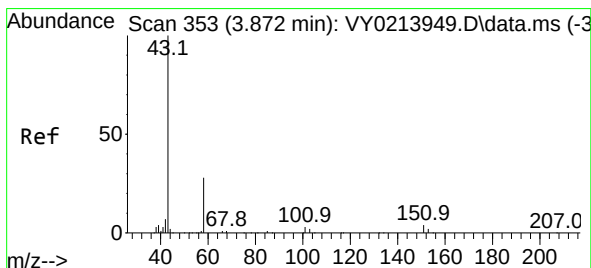
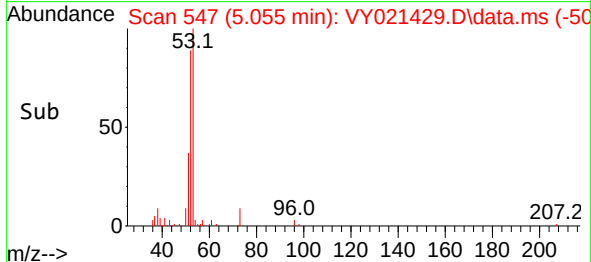
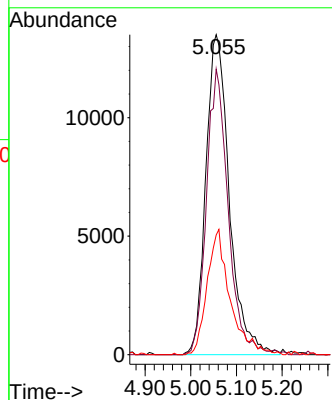
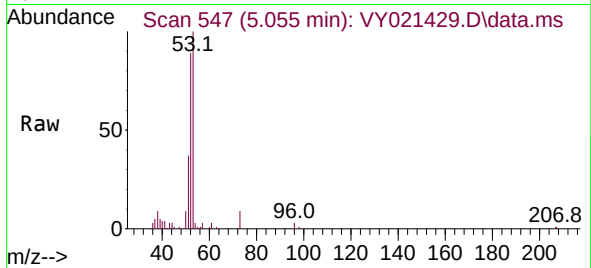




#15
Acrylonitrile
Concen: 105.132 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

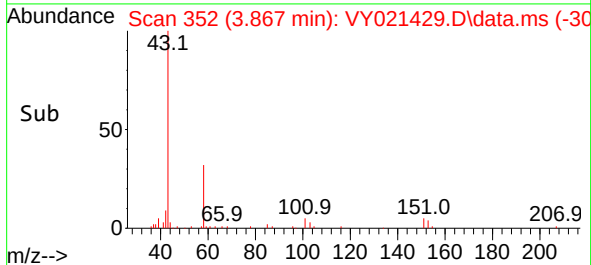
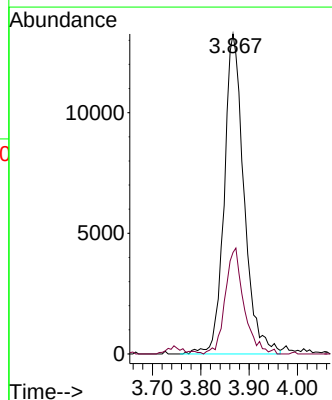
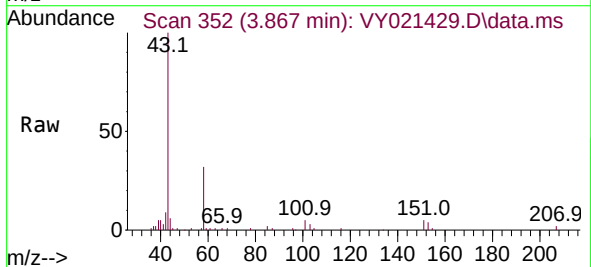
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

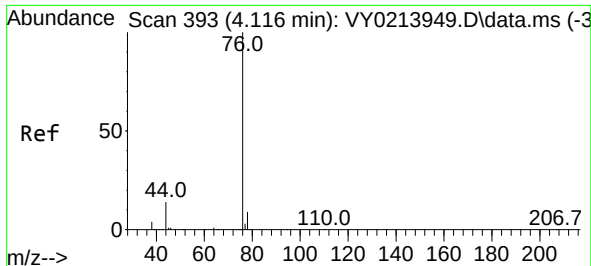
Tgt Ion: 53 Resp: 48263
Ion Ratio Lower Upper
53 100
52 82.1 66.3 99.5
51 38.4 30.3 45.5



#16
Acetone
Concen: 83.130 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 43 Resp: 37789
Ion Ratio Lower Upper
43 100
58 31.7 22.1 33.1

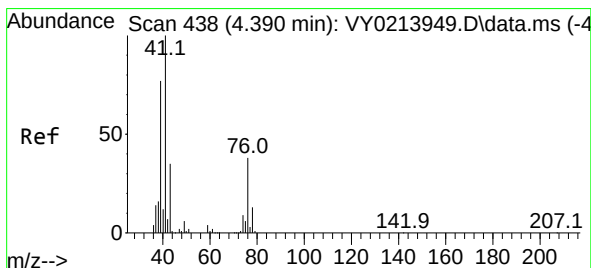
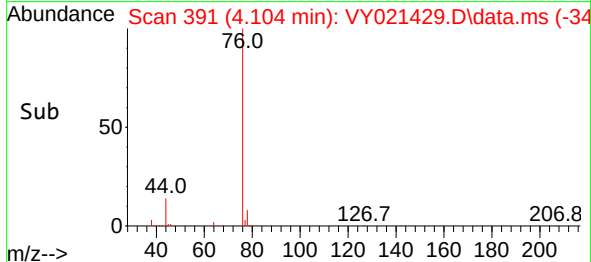
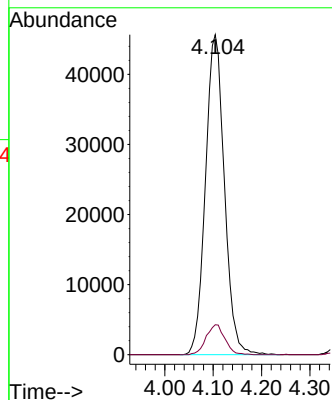
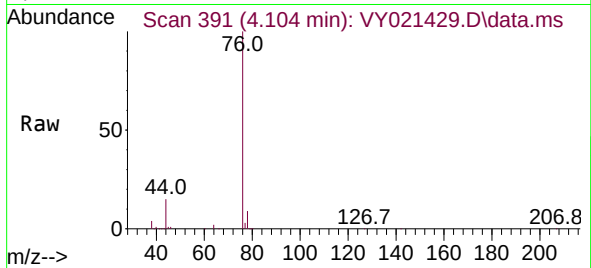




#17
Carbon Disulfide
Concen: 19.532 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

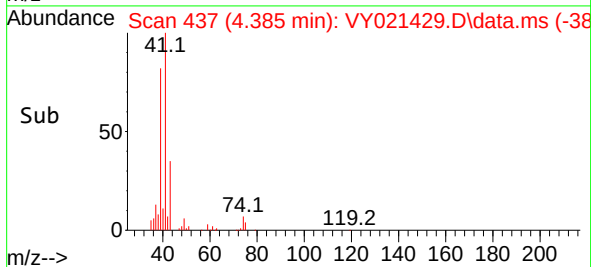
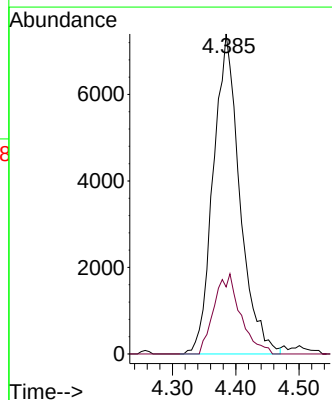
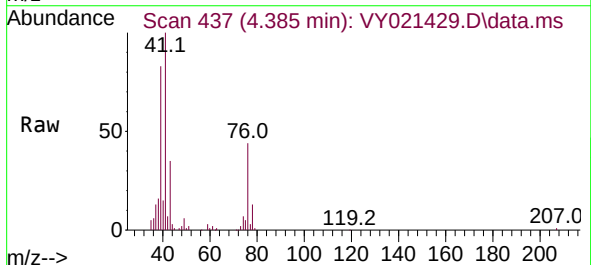
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

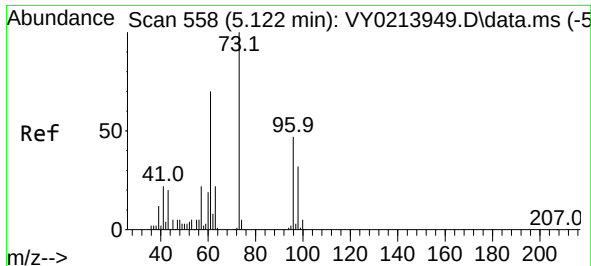
Tgt Ion: 76 Resp: 123987
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 21.336 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 43 Resp: 21520
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 20.396 ug/l

RT: 5.116 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

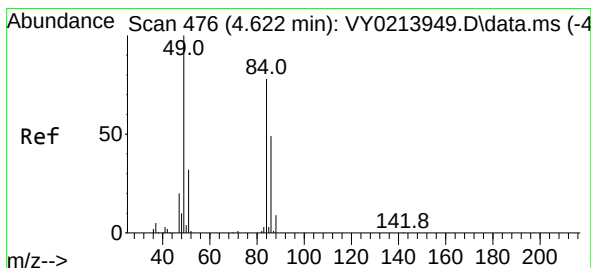
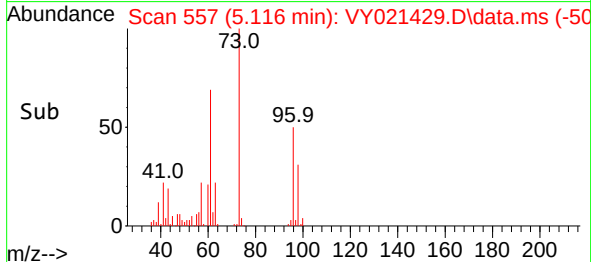
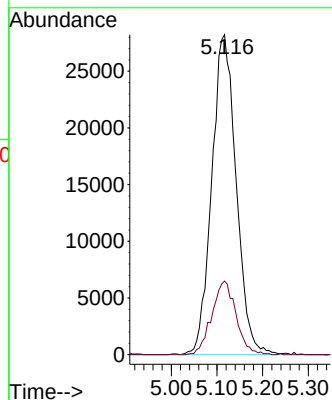
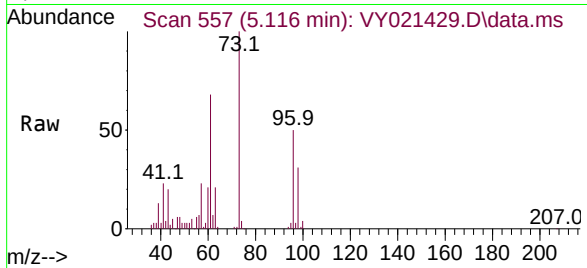
VY0306SBS01

Tgt Ion: 73 Resp: 104712

Ion Ratio Lower Upper

73 100

57 23.0 17.9 26.9



#20

Methylene Chloride

Concen: 20.374 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Tgt Ion: 84 Resp: 48615

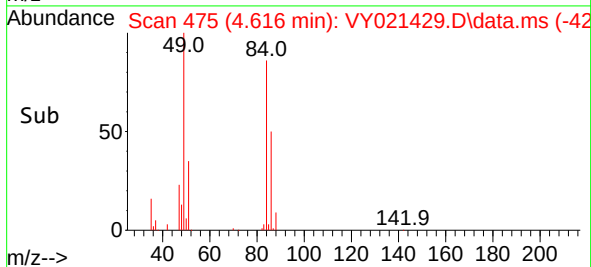
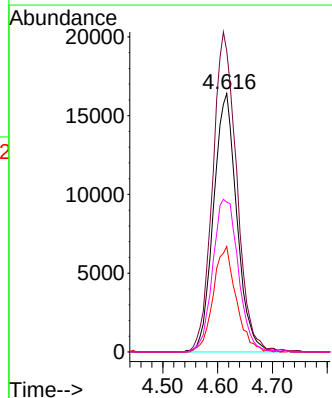
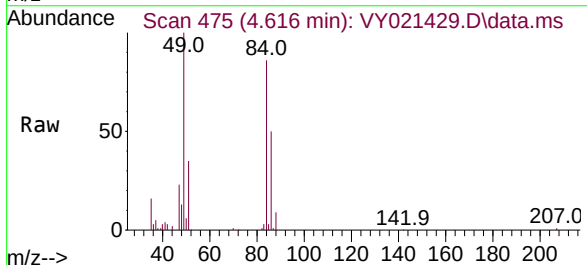
Ion Ratio Lower Upper

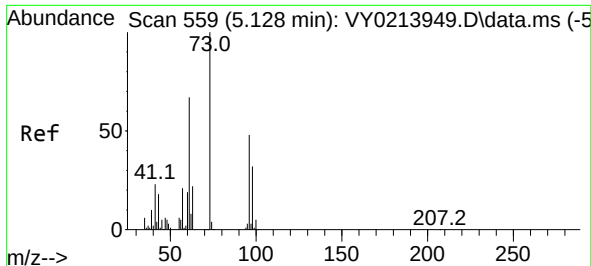
84 100

49 116.4 102.0 153.0

51 40.8 33.0 49.6

86 57.9 50.5 75.7

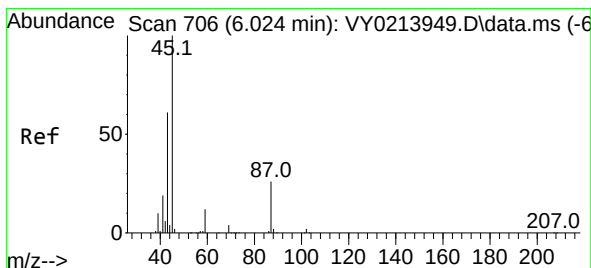
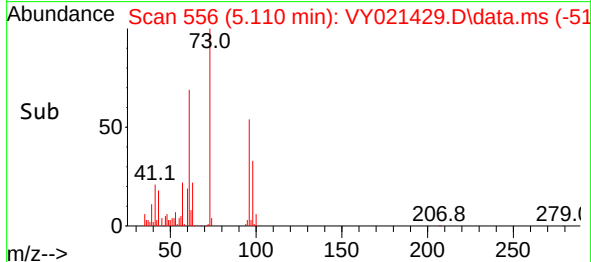
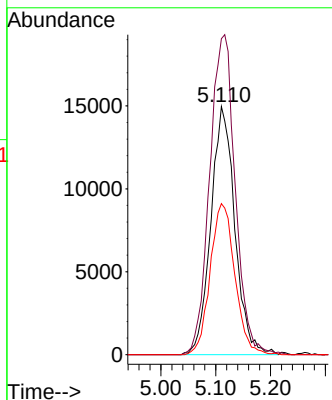
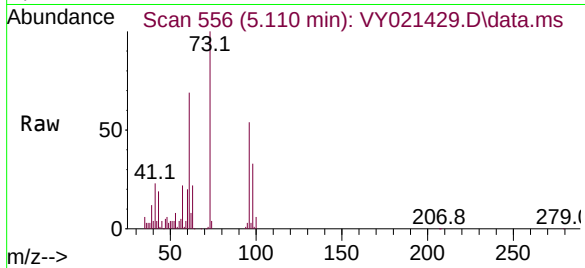




#21
trans-1,2-Dichloroethene
Concen: 20.068 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

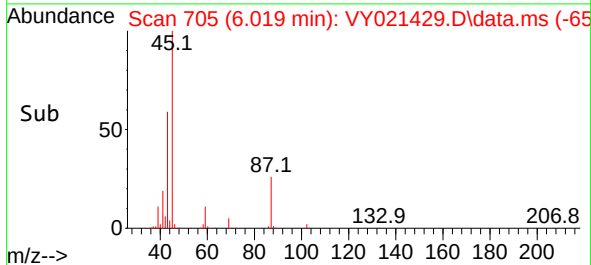
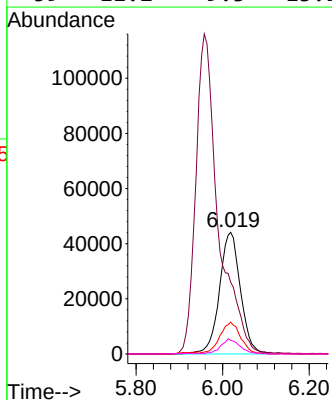
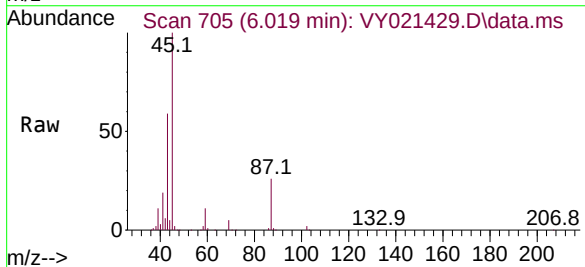
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

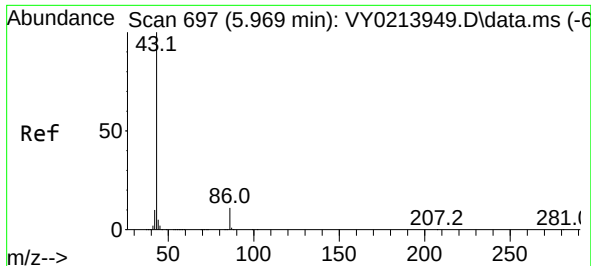
Tgt Ion: 96 Resp: 45523
Ion Ratio Lower Upper
96 100
61 127.3 111.5 167.3
98 60.9 53.8 80.8



#22
Diisopropyl ether
Concen: 21.102 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 45 Resp: 148861
Ion Ratio Lower Upper
45 100
43 58.3 48.7 73.1
87 26.2 21.5 32.3
59 11.2 9.3 13.9

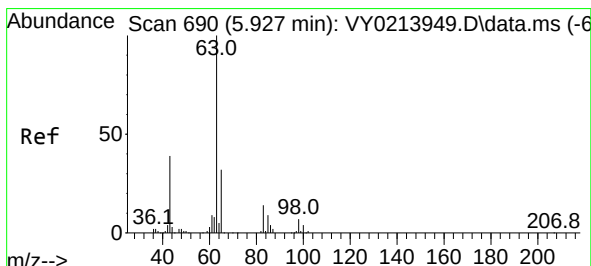
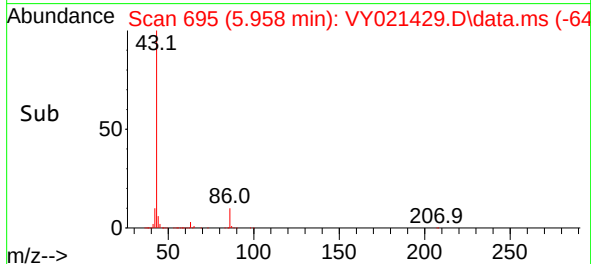
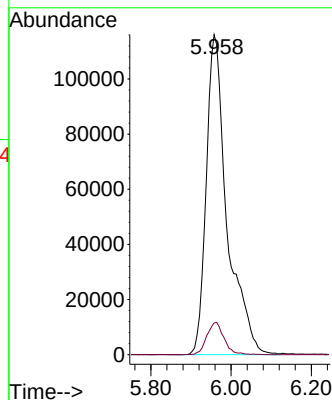
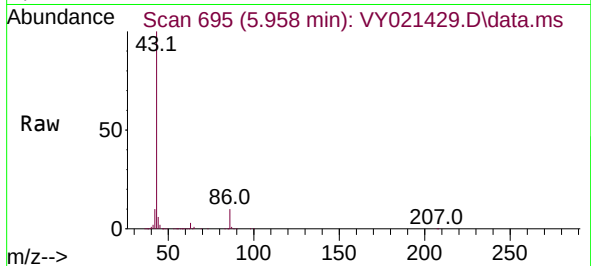




#23
 Vinyl Acetate
 Concen: 104.026 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

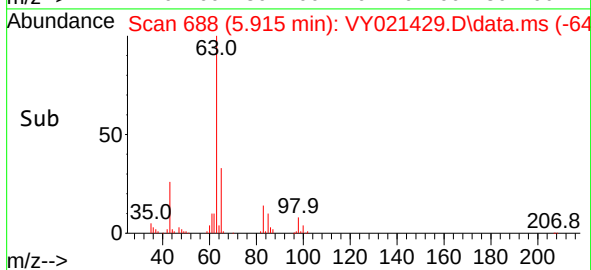
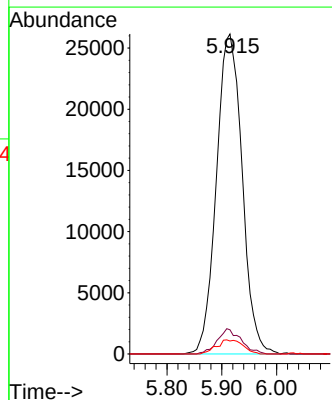
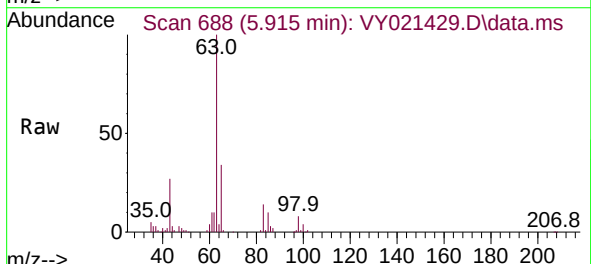
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

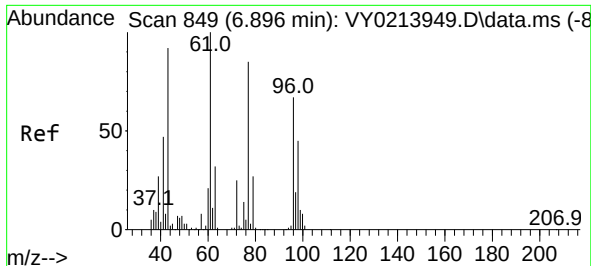
Tgt Ion: 43 Resp: 418814
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.483 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

Tgt Ion: 63 Resp: 85283
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.1 2.1 6.5

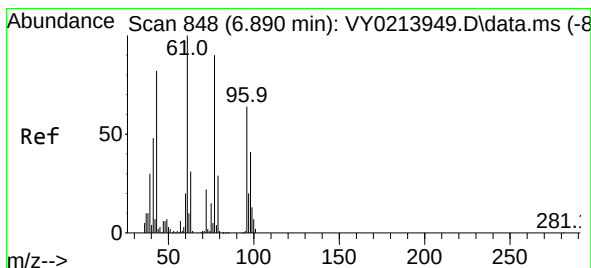
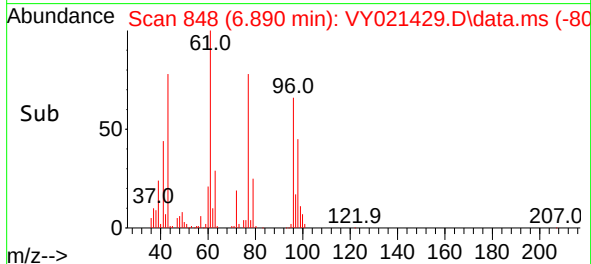
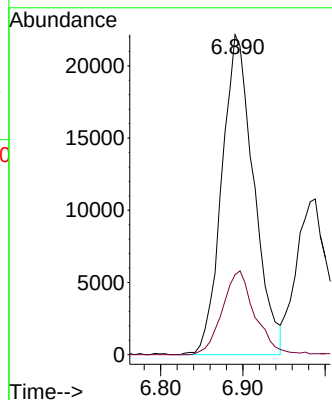
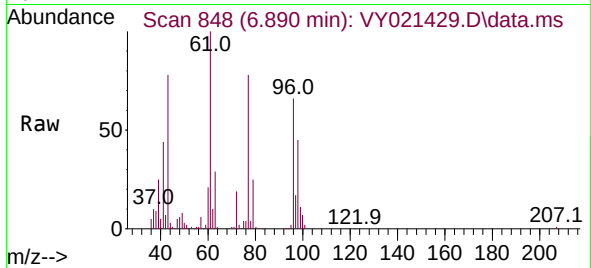




#25
2-Butanone
Concen: 95.309 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

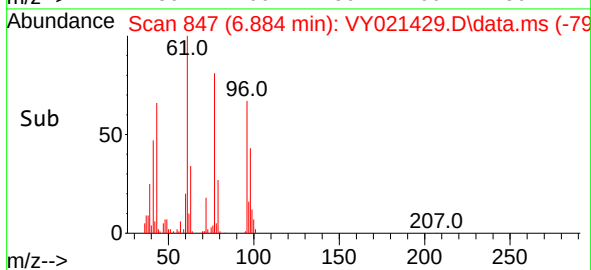
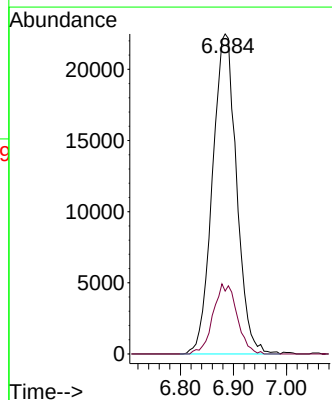
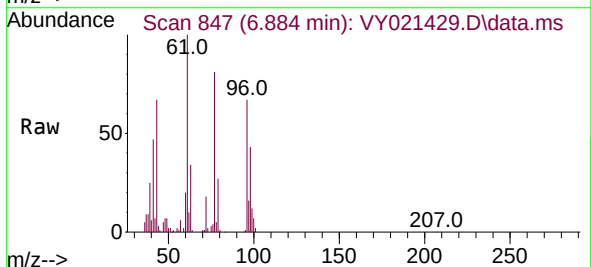
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

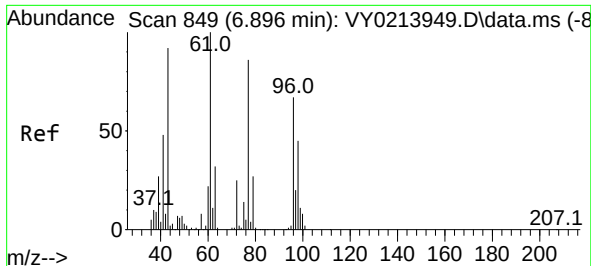
Tgt Ion: 43 Resp: 59932
Ion Ratio Lower Upper
43 100
72 25.0 21.4 32.0



#26
2,2-Dichloropropane
Concen: 18.521 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 77 Resp: 70954
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.8

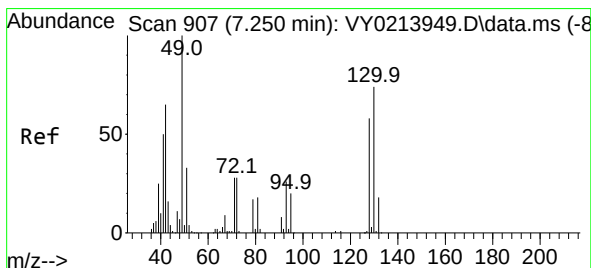
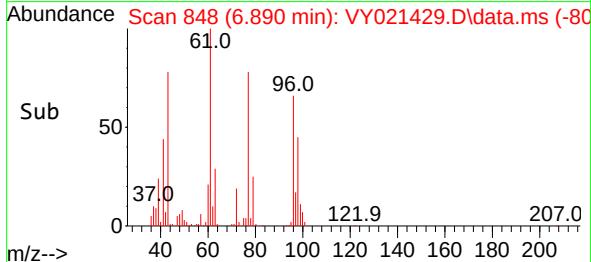
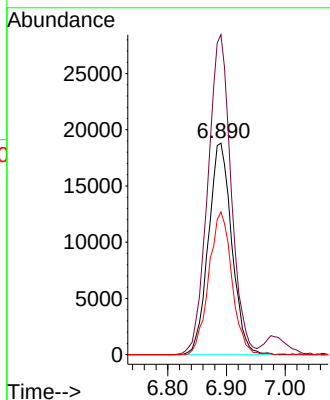
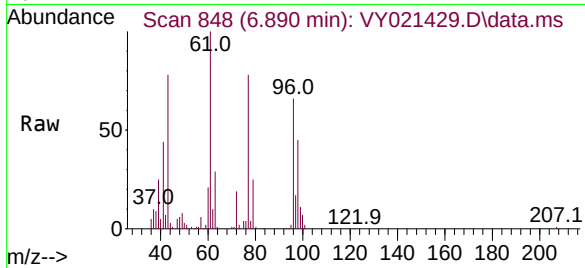




#27
 cis-1,2-Dichloroethene
 Concen: 20.160 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

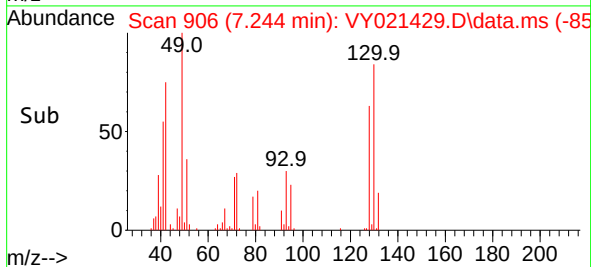
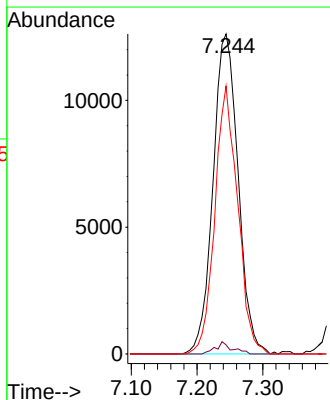
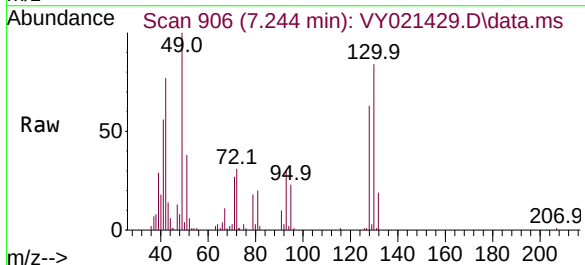
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

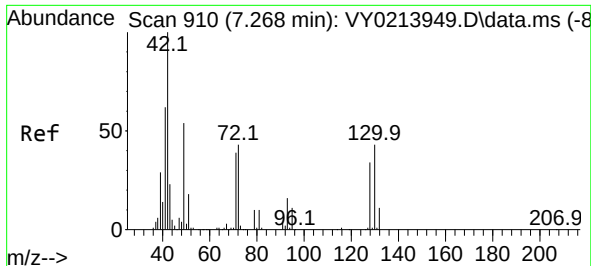
Tgt Ion: 96 Resp: 51954
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 300.8
 98 66.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.224 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

Tgt Ion: 49 Resp: 33556
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 76.2 59.6 89.4





#29

Tetrahydrofuran

Concen: 103.753 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

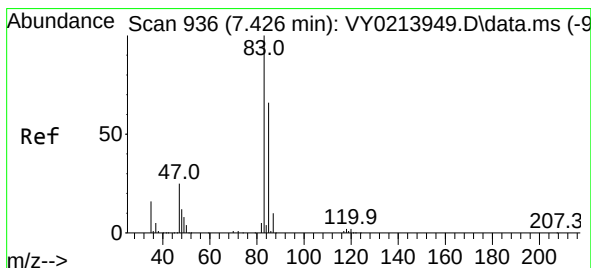
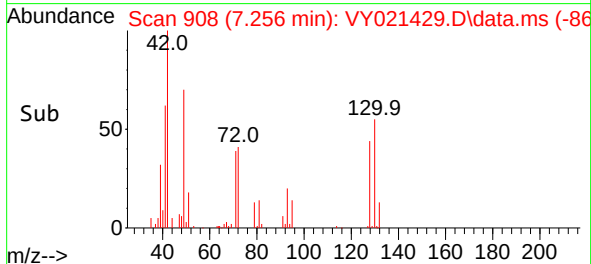
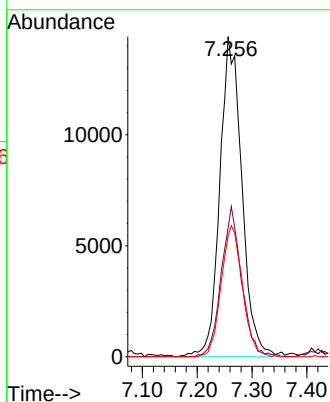
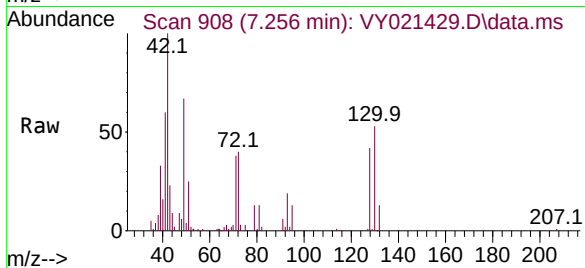
Tgt Ion: 42 Resp: 40277

Ion Ratio Lower Upper

42 100

72 43.1 34.8 52.2

71 39.5 32.6 48.8



#30

Chloroform

Concen: 21.273 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021429.D

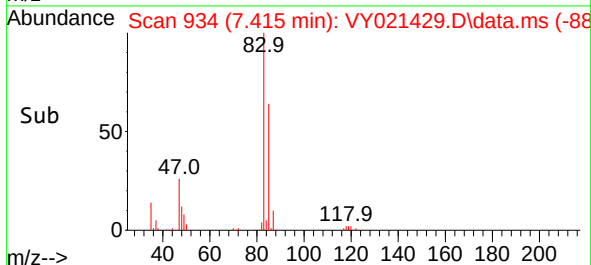
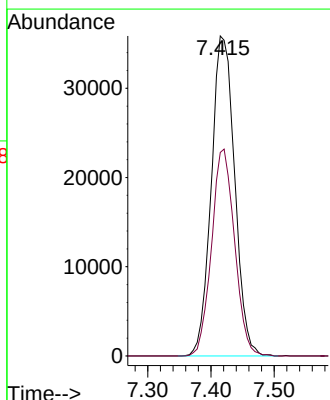
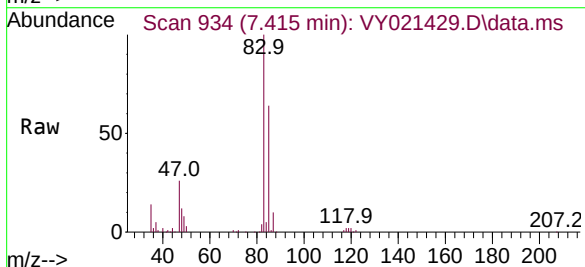
Acq: 06 Mar 2025 12:55

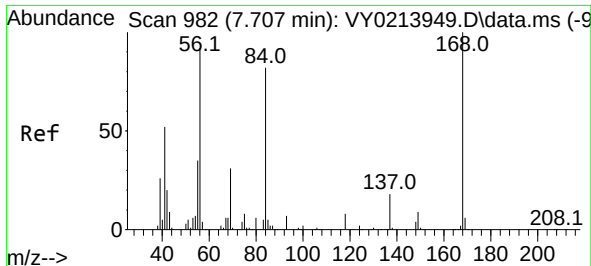
Tgt Ion: 83 Resp: 91972

Ion Ratio Lower Upper

83 100

85 63.6 53.1 79.7





#31

Cyclohexane

Concen: 18.788 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

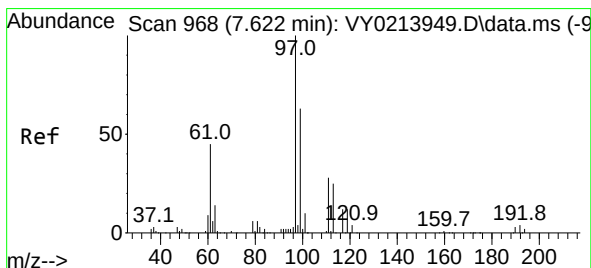
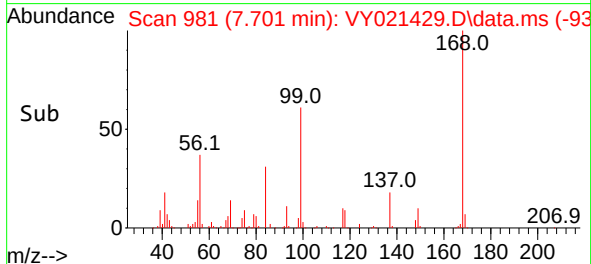
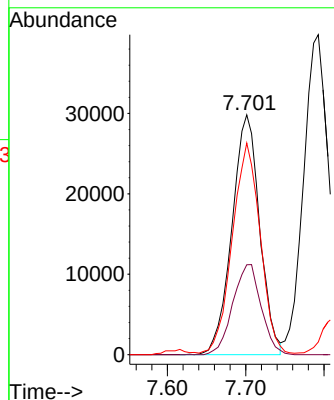
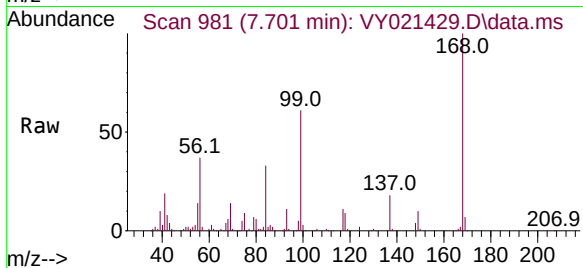
Tgt Ion: 56 Resp: 73337

Ion Ratio Lower Upper

56 100

69 37.5 27.0 40.4

84 86.0 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 19.991 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

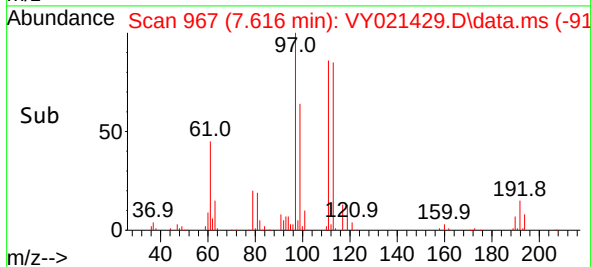
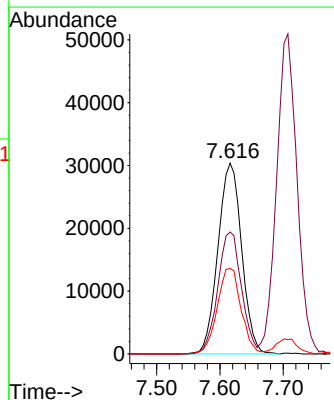
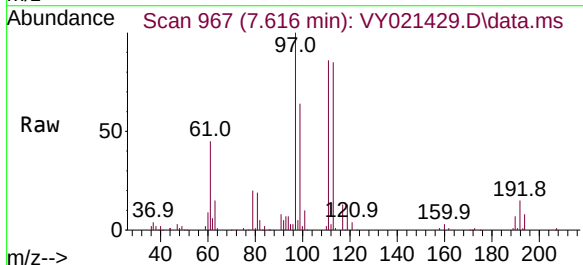
Tgt Ion: 97 Resp: 79136

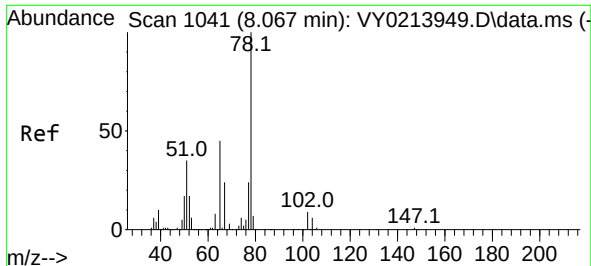
Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

61 44.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 54.963 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

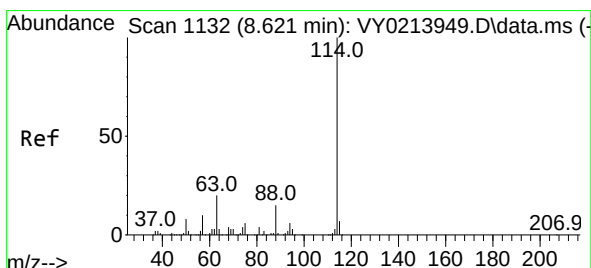
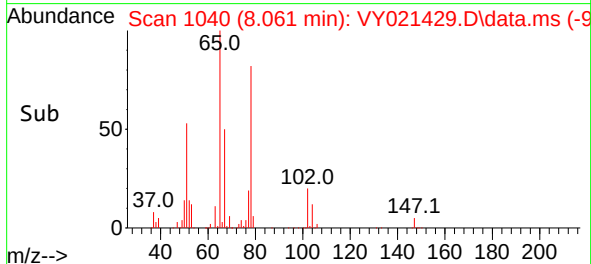
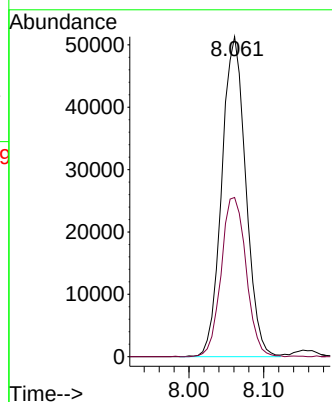
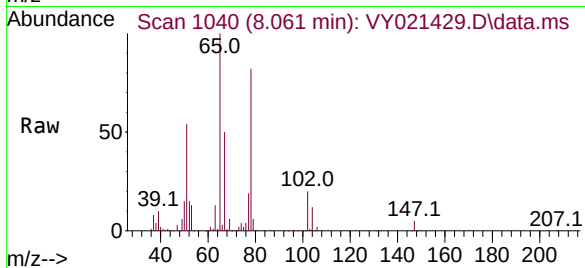
VY0306SBSD01

Tgt Ion: 65 Resp: 114552

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

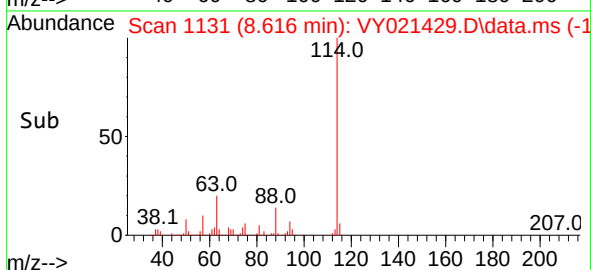
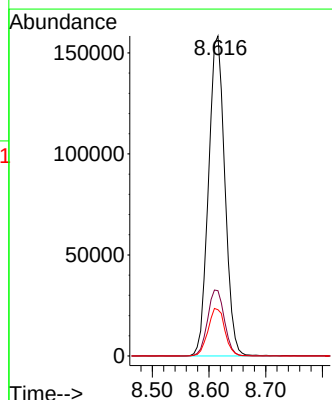
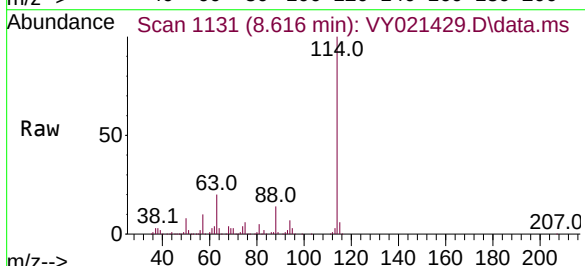
Tgt Ion: 114 Resp: 317024

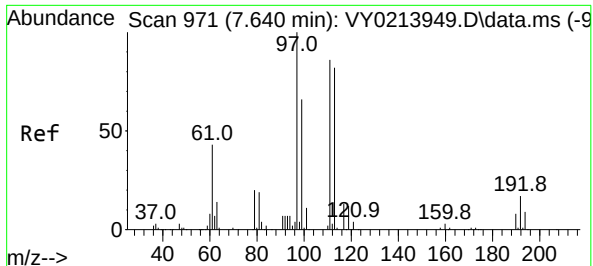
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 14.5 0.0 30.8

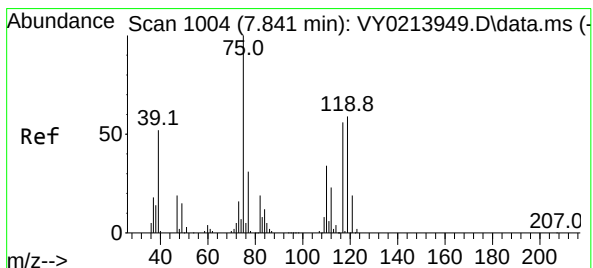
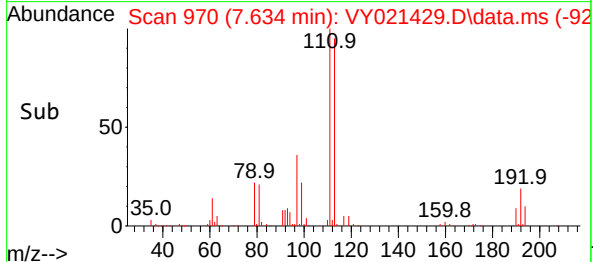
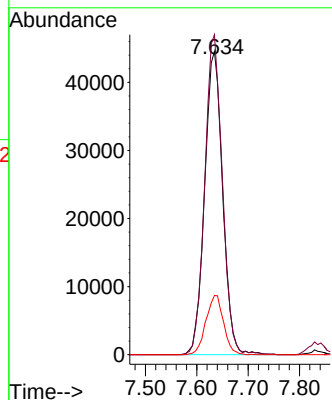
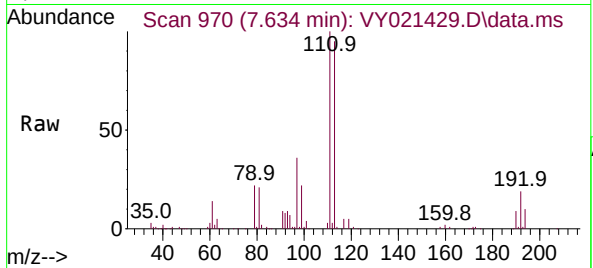




#35
Dibromofluoromethane
Concen: 52.046 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

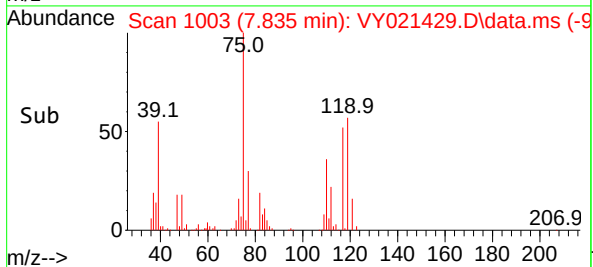
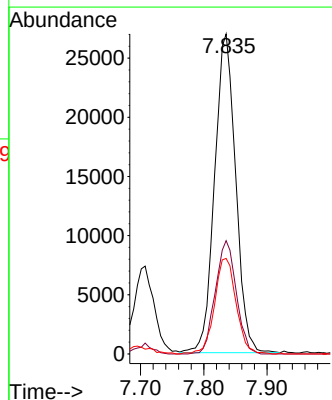
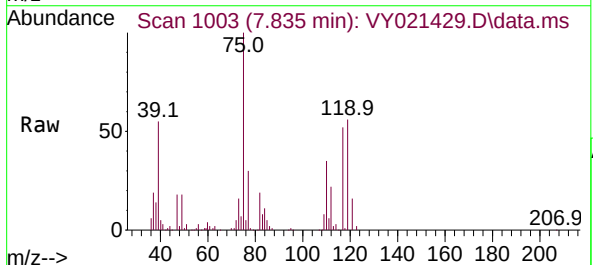
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

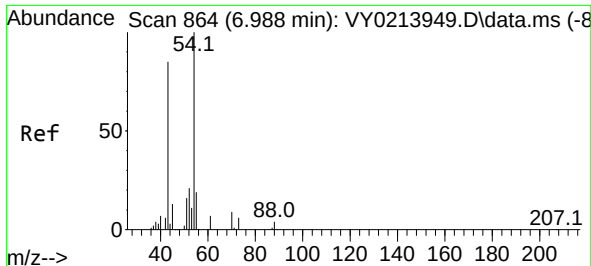
Tgt Ion:113 Resp: 108456
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.082 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 75 Resp: 62244
Ion Ratio Lower Upper
75 100
110 35.2 17.3 51.7
77 30.8 25.4 38.2

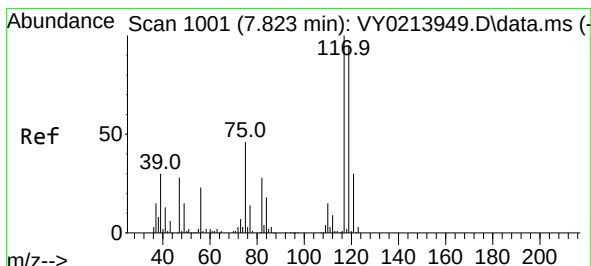
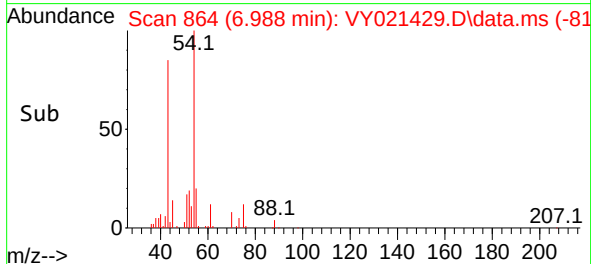
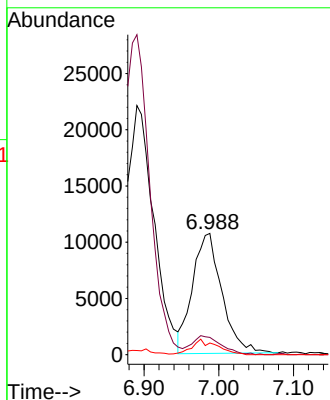
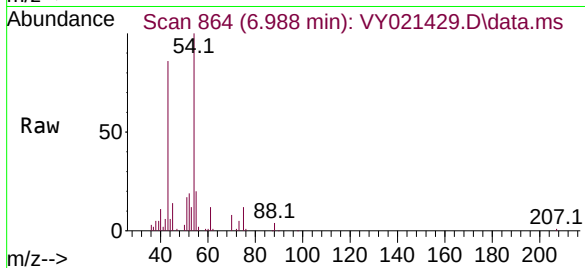




#37
Ethyl Acetate
Concen: 20.235 ug/l
RT: 6.988 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

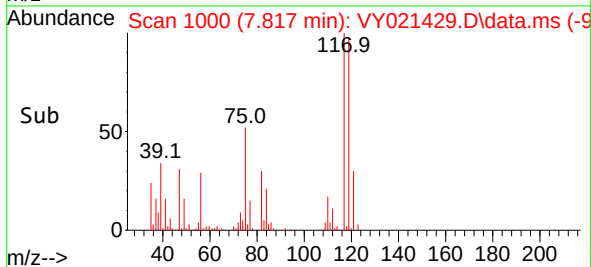
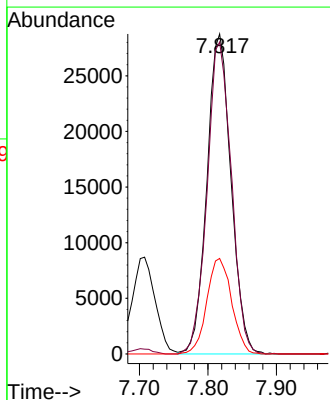
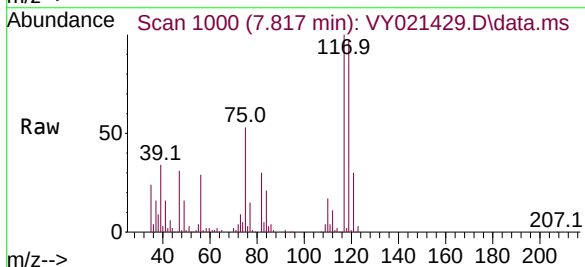
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

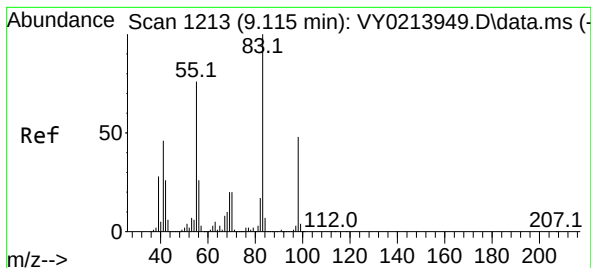
Tgt Ion:	43	Resp:	29173
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.4	17.0
70	11.0	8.2	12.2



#38
Carbon Tetrachloride
Concen: 18.730 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion:	117	Resp:	70264
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.8	113.8
121	29.9	23.9	35.9

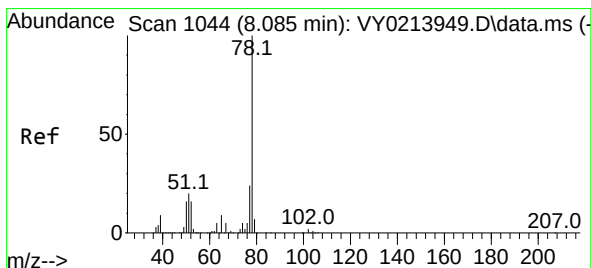
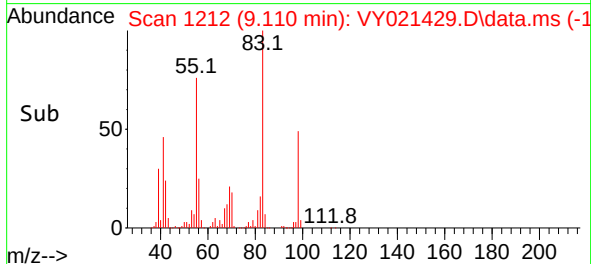
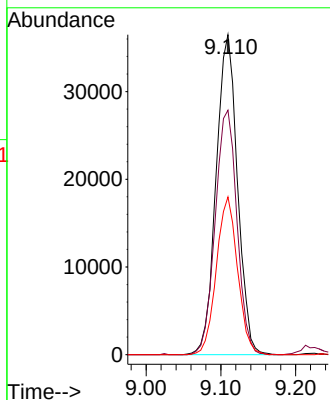
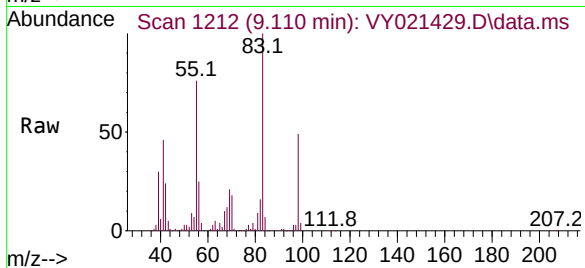




#39
Methylcyclohexane
Concen: 18.173 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

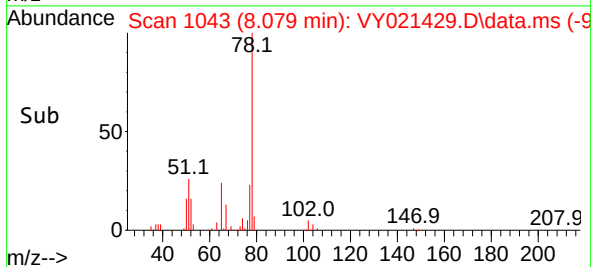
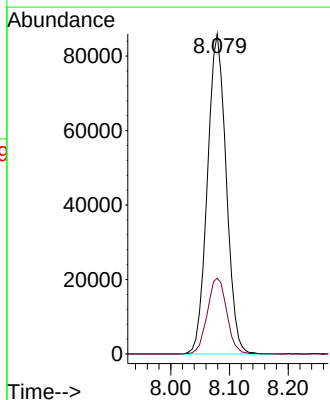
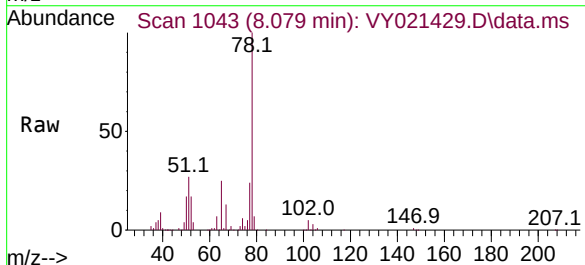
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

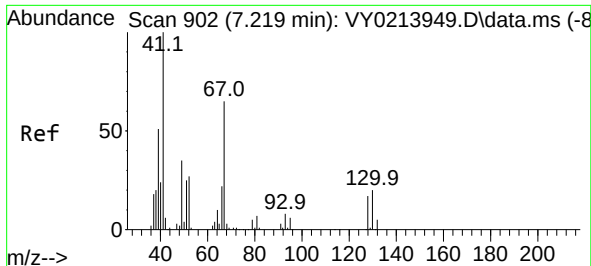
Tgt Ion: 83 Resp: 72710
Ion Ratio Lower Upper
83 100
55 76.4 60.7 91.1
98 49.3 38.6 57.8



#40
Benzene
Concen: 19.869 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 78 Resp: 190921
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

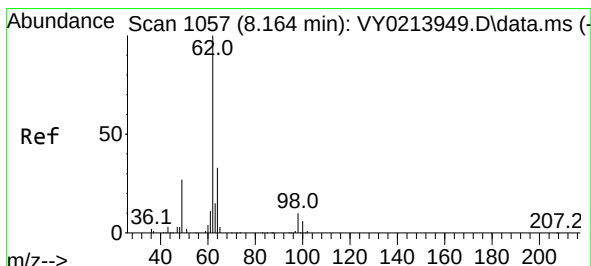
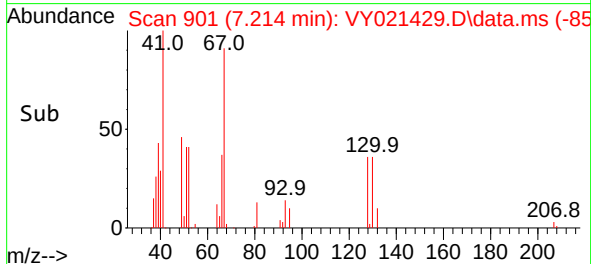
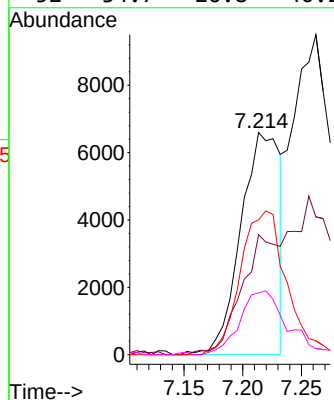
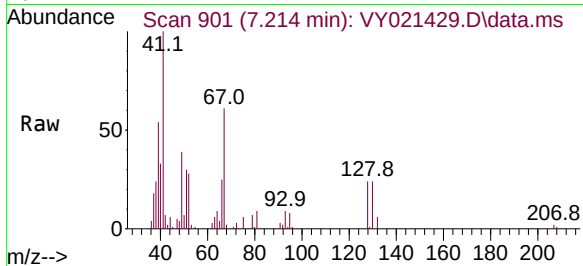




#41
Methacrylonitrile
Concen: 19.460 ug/l
RT: 7.214 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

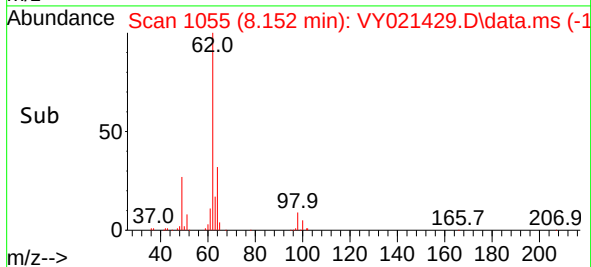
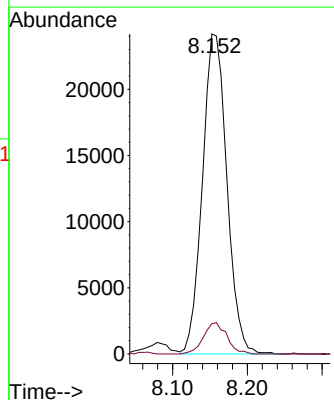
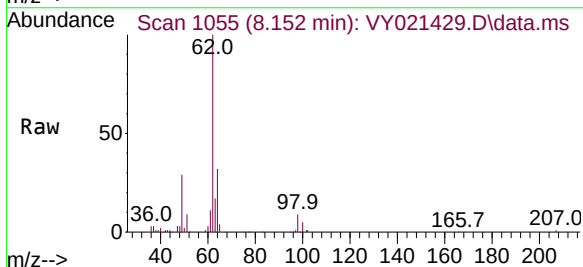
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBSD01

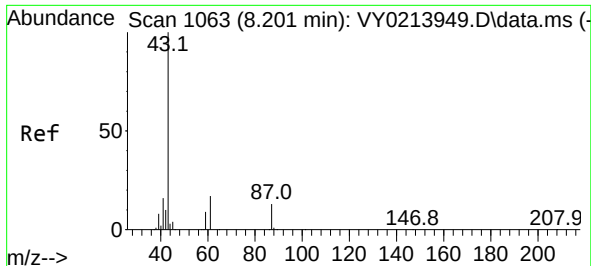
Tgt Ion:	41	Resp:	15276
Ion	Ratio	Lower	Upper
41	100		
39	52.4	35.0	52.6
67	77.5	61.2	91.8
52	34.7	26.8	40.2



#42
1,2-Dichloroethane
Concen: 20.446 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion:	62	Resp:	54960
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2

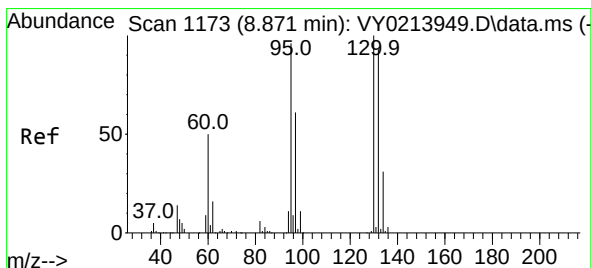
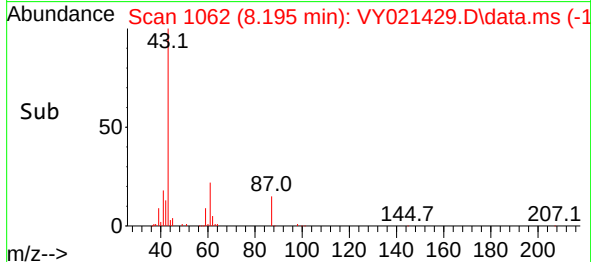
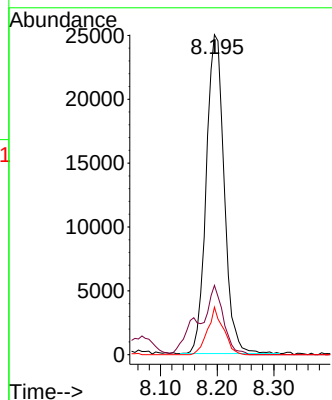
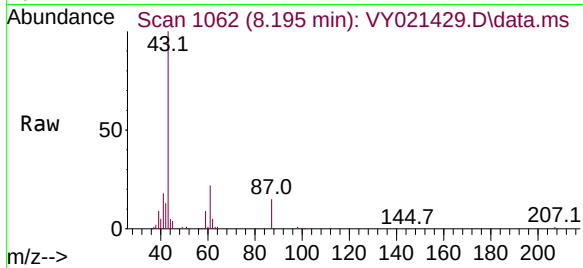




#43
Isopropyl Acetate
Concen: 19.581 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

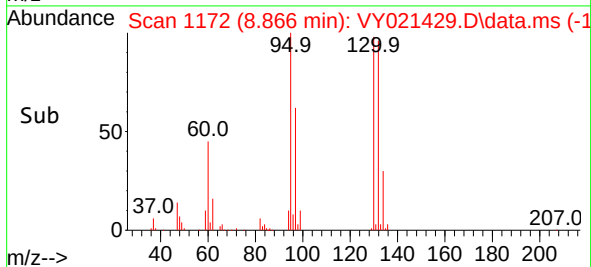
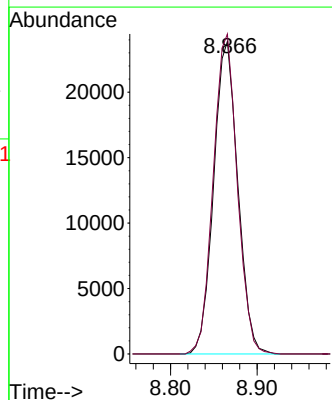
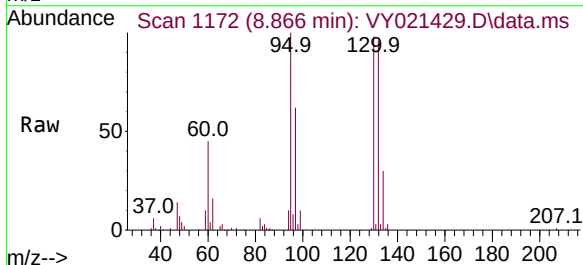
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

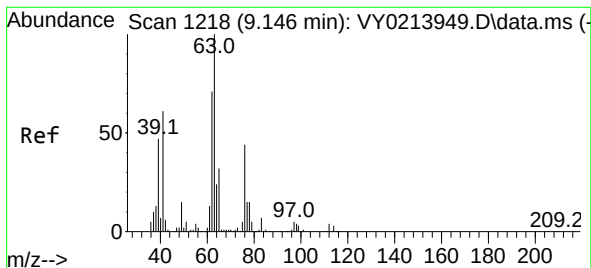
Tgt Ion: 43 Resp: 54803
Ion Ratio Lower Upper
43 100
61 19.8 23.4 35.0#
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 19.025 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion:130 Resp: 46195
Ion Ratio Lower Upper
130 100
95 102.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.478 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

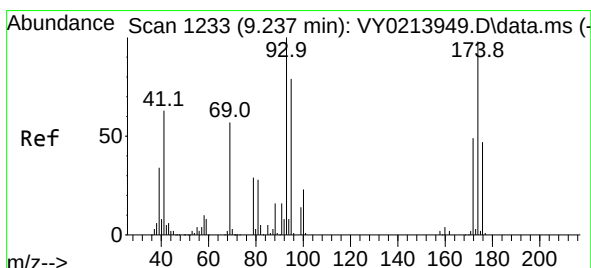
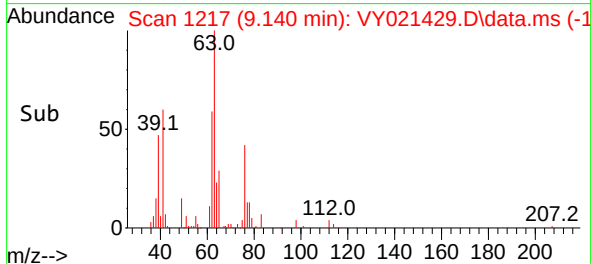
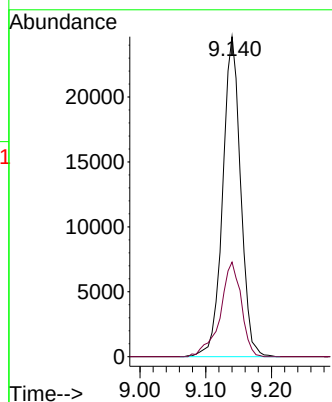
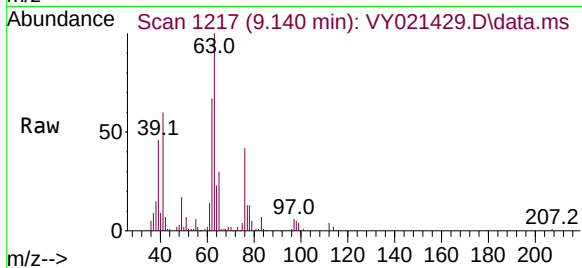
VY0306SBS01

Tgt Ion: 63 Resp: 46832

Ion Ratio Lower Upper

63 100

65 29.5 26.0 39.0



#46

Dibromomethane

Concen: 20.006 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

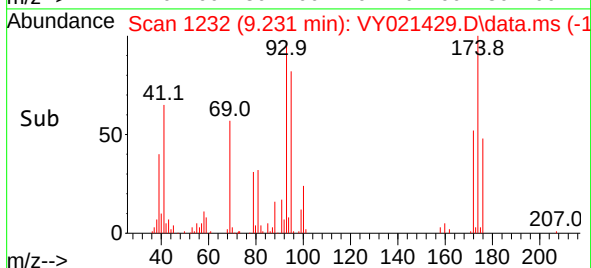
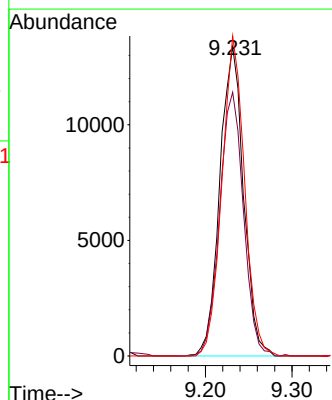
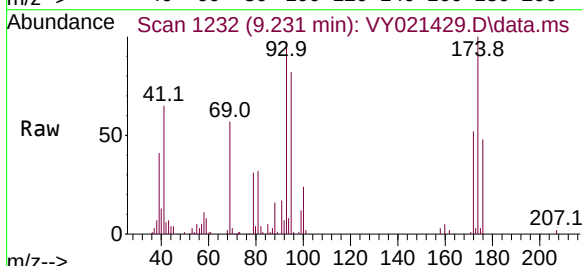
Tgt Ion: 93 Resp: 25456

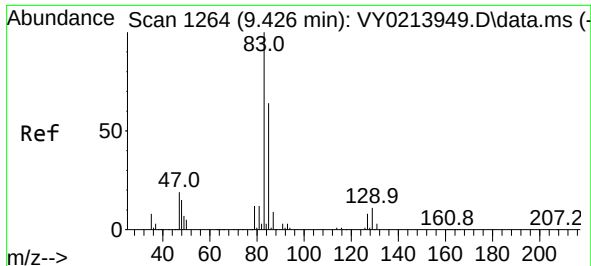
Ion Ratio Lower Upper

93 100

95 85.5 65.8 98.8

174 98.6 77.9 116.9

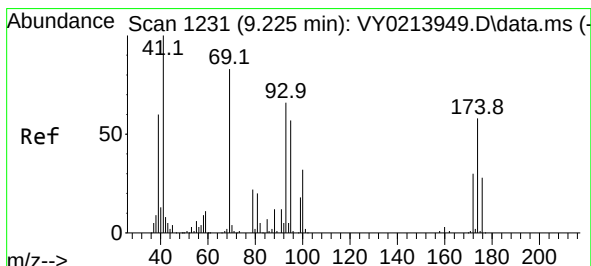
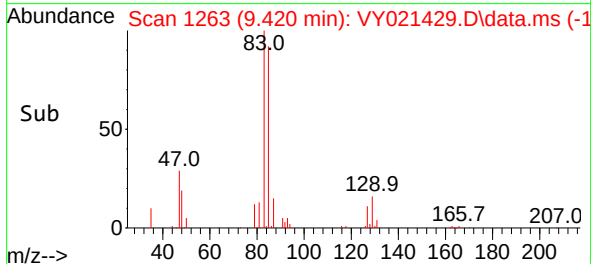
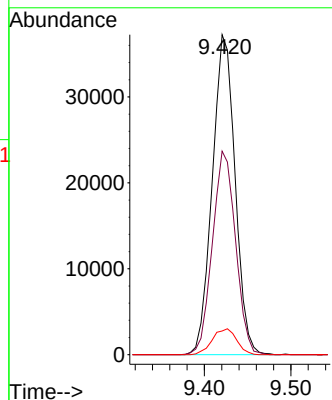
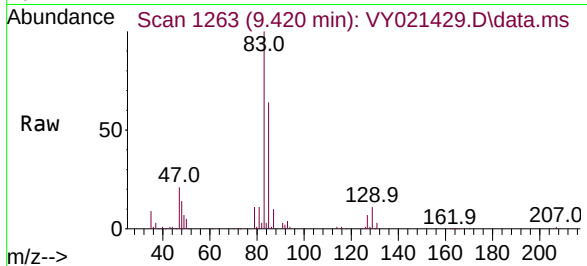




#47
Bromodichloromethane
Concen: 20.160 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

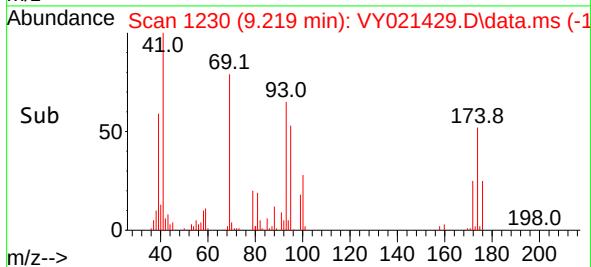
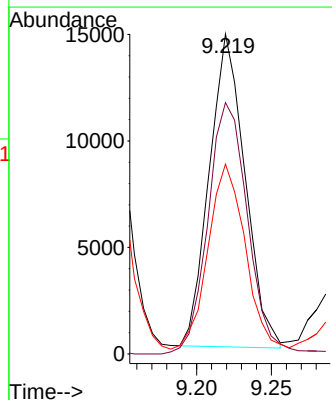
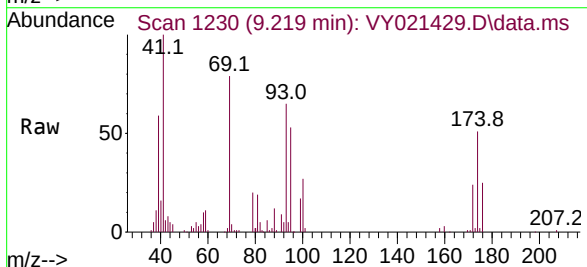
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

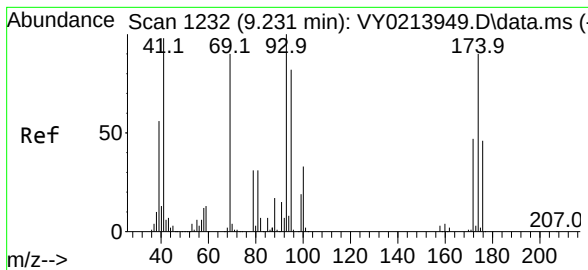
Tgt Ion: 83 Resp: 68125
Ion Ratio Lower Upper
83 100
85 63.6 51.1 76.7
127 7.4 6.7 10.1



#48
Methyl methacrylate
Concen: 18.947 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 41 Resp: 24350
Ion Ratio Lower Upper
41 100
69 89.8 67.8 101.8
39 61.8 46.4 69.6

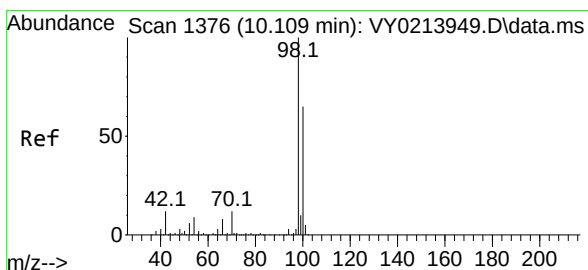
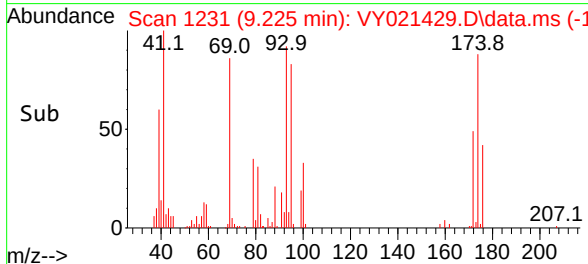
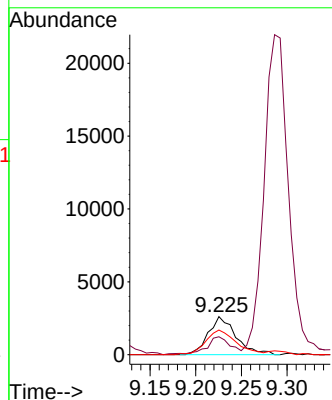
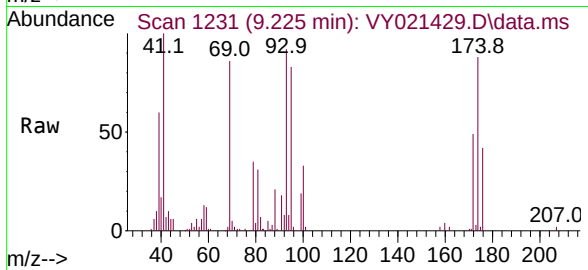




#49
1,4-Dioxane
Concen: 439.330 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

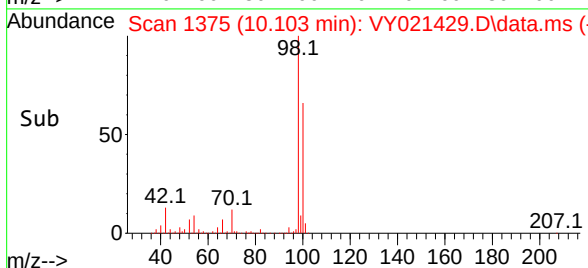
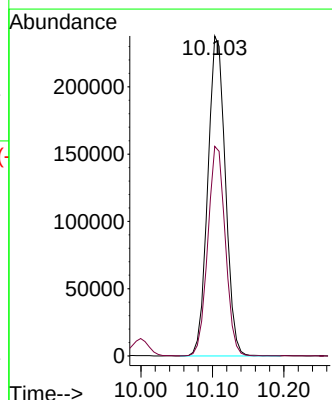
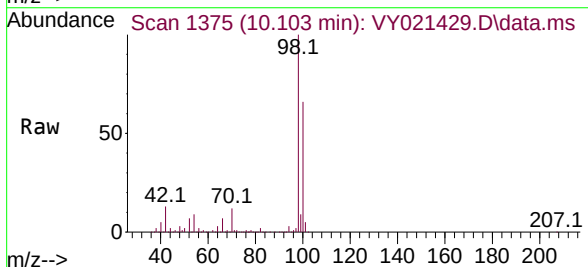
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

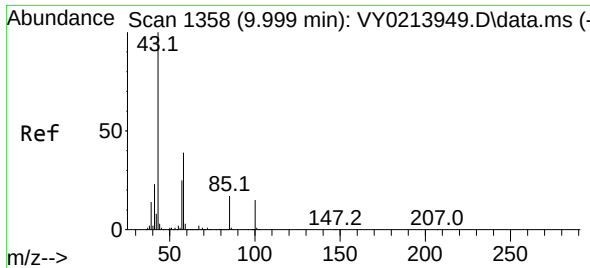
Tgt Ion: 88 Resp: 5487
Ion Ratio Lower Upper
88 100
43 41.7 25.0 37.4#
58 71.1 58.4 87.6



#50
Toluene-d8
Concen: 51.435 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 98 Resp: 405827
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

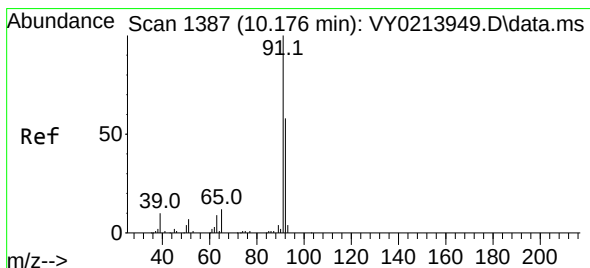
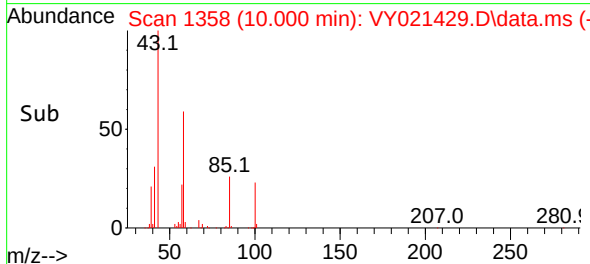
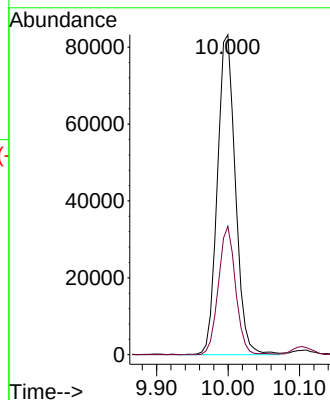
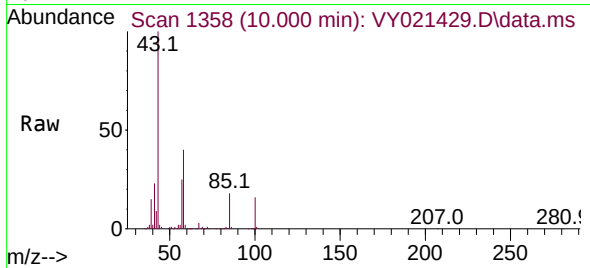




#51
4-Methyl-2-Pentanone
Concen: 100.811 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

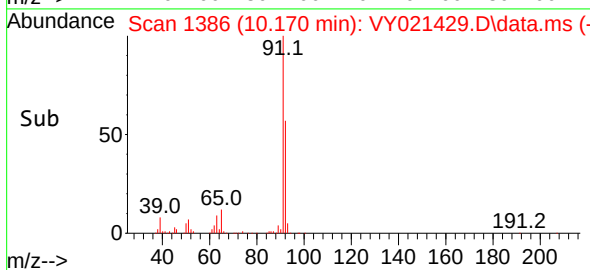
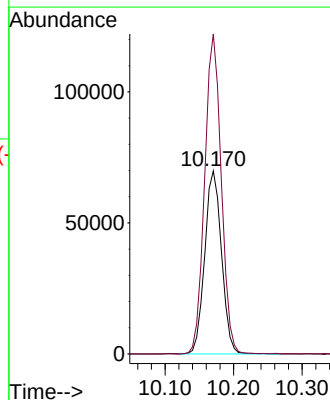
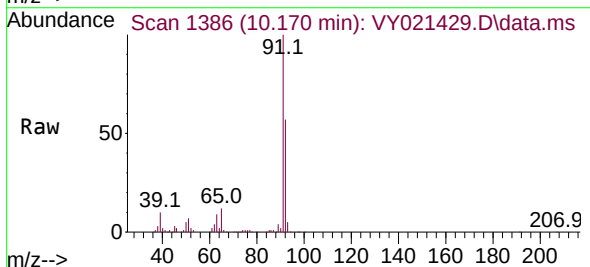
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

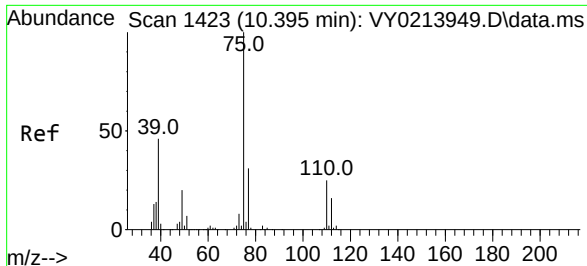
Tgt Ion: 43 Resp: 145575
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2



#52
Toluene
Concen: 19.680 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 92 Resp: 119217
Ion Ratio Lower Upper
92 100
91 172.6 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 19.386 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

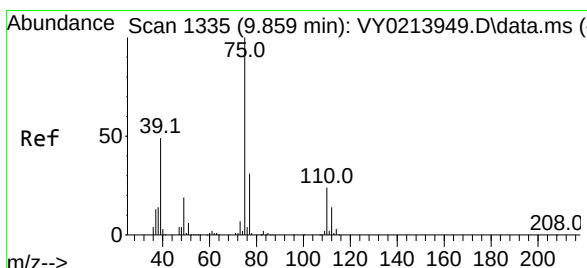
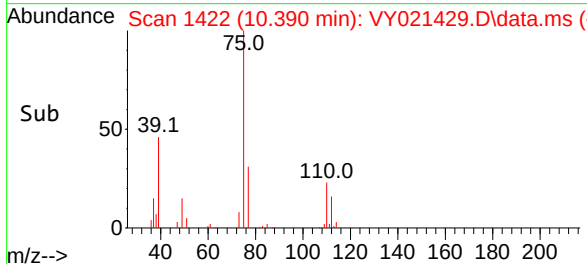
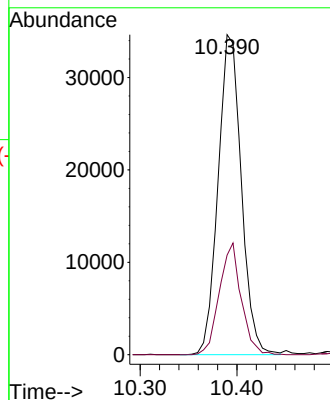
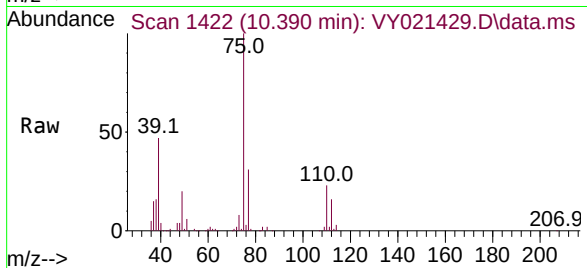
VY0306SBS01

Tgt Ion: 75 Resp: 57714

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.461 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

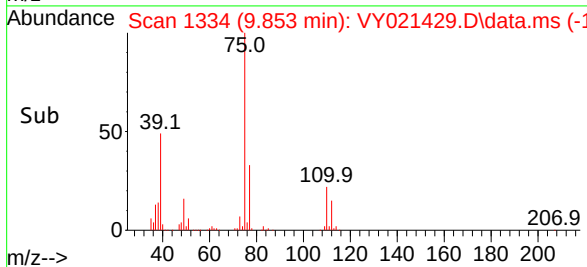
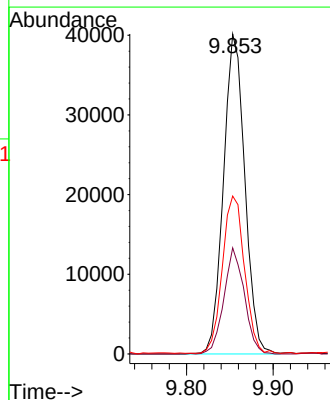
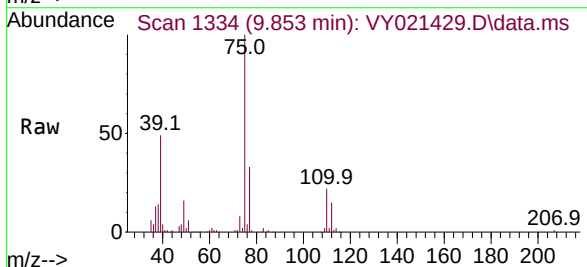
Tgt Ion: 75 Resp: 68787

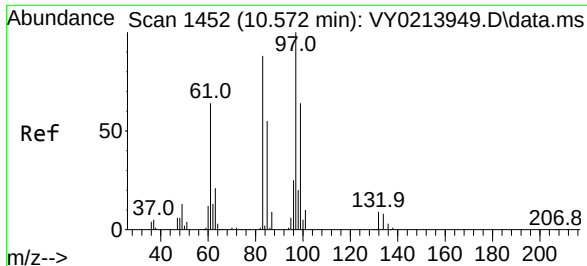
Ion Ratio Lower Upper

75 100

77 33.2 24.6 37.0

39 49.1 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 20.418 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tgt Ion: 97 Resp: 33986

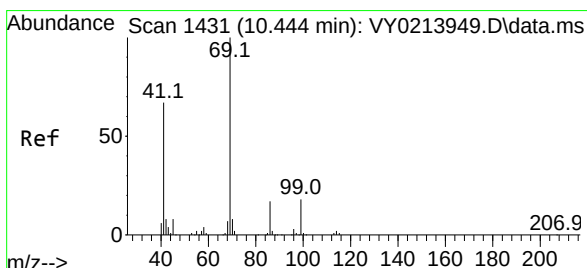
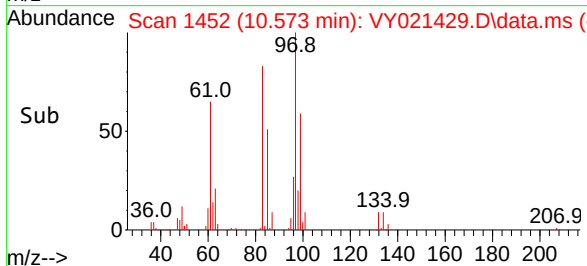
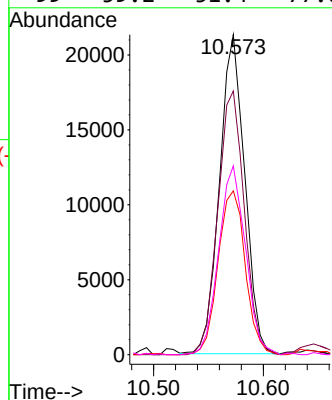
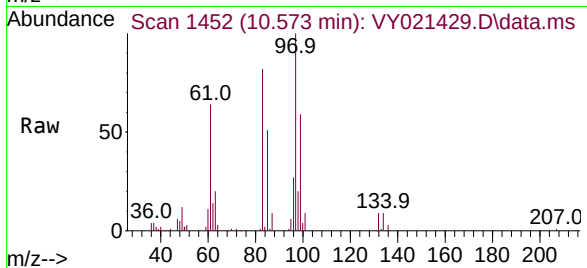
Ion Ratio Lower Upper

97 100

83 82.6 70.0 105.0

85 51.3 44.3 66.5

99 59.2 51.4 77.0



#56

Ethyl methacrylate

Concen: 19.686 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

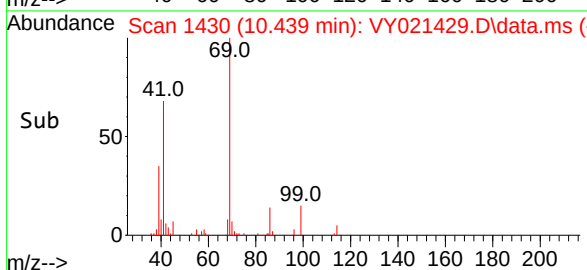
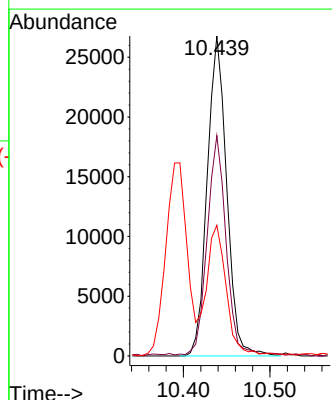
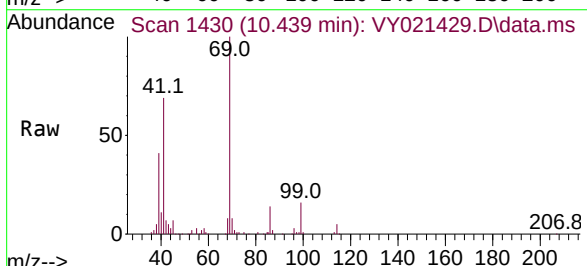
Tgt Ion: 69 Resp: 41790

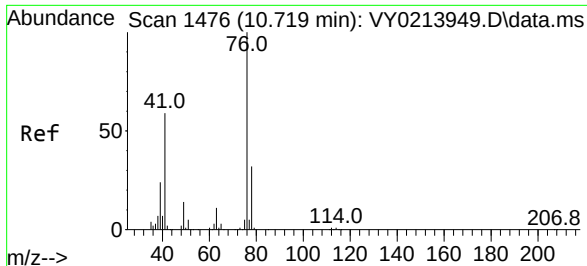
Ion Ratio Lower Upper

69 100

41 66.0 53.3 79.9

39 41.8 31.0 46.6





#57

1,3-Dichloropropane

Concen: 20.650 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

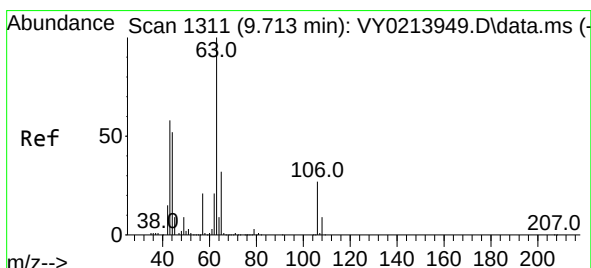
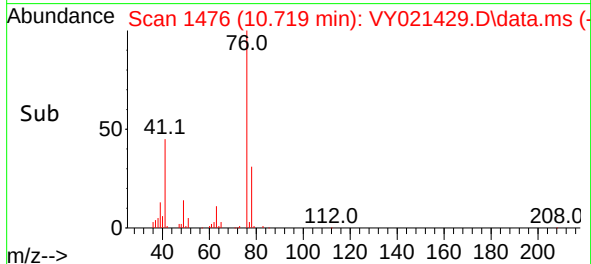
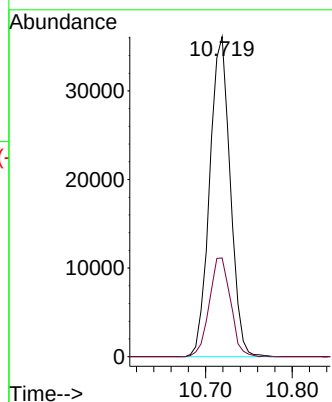
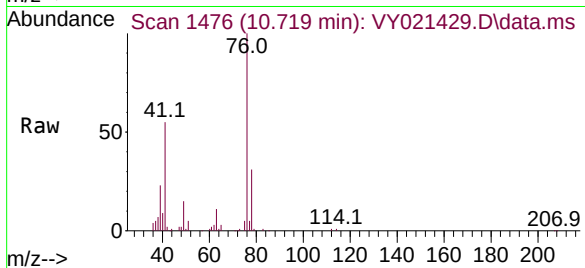
VY0306SBS01

Tgt Ion: 76 Resp: 59572

Ion Ratio Lower Upper

76 100

78 31.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 107.301 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021429.D

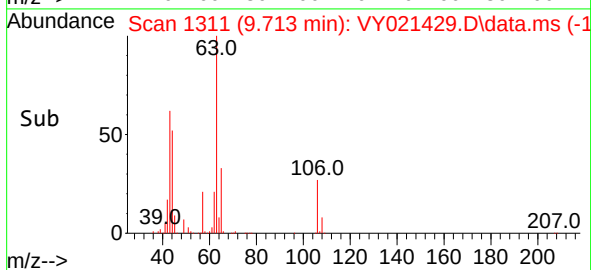
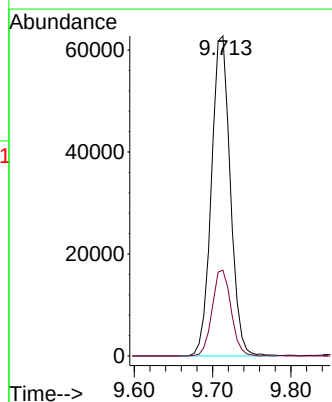
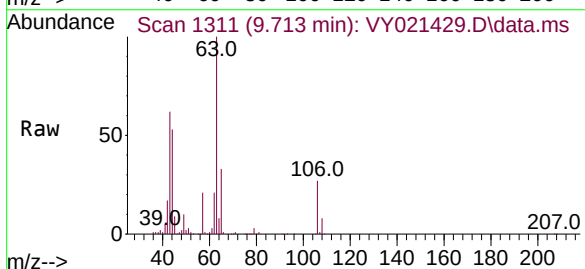
Acq: 06 Mar 2025 12:55

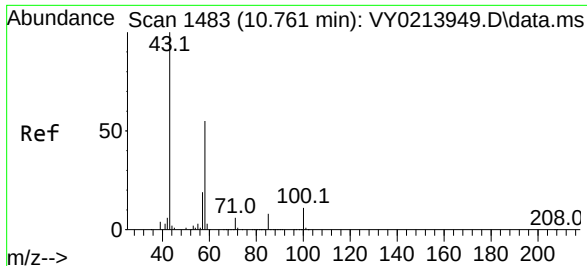
Tgt Ion: 63 Resp: 105149

Ion Ratio Lower Upper

63 100

106 26.8 22.1 33.1





#59

2-Hexanone

Concen: 96.532 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

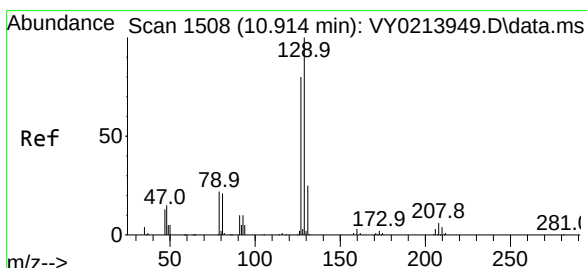
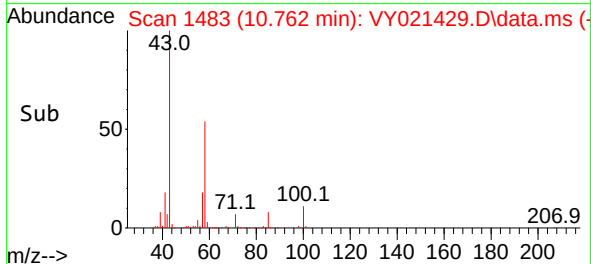
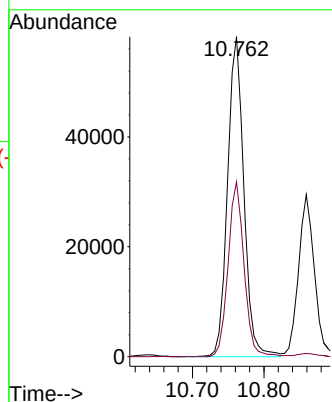
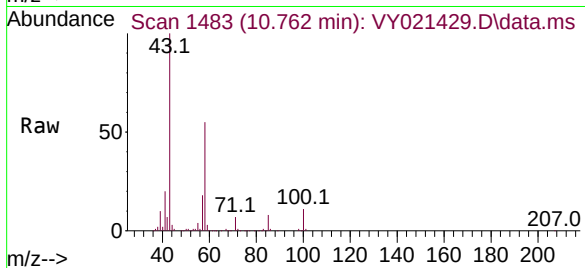
VY0306SBS01

Tgt Ion: 43 Resp: 92172

Ion Ratio Lower Upper

43 100

58 53.3 27.3 81.8



#60

Dibromochloromethane

Concen: 19.918 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021429.D

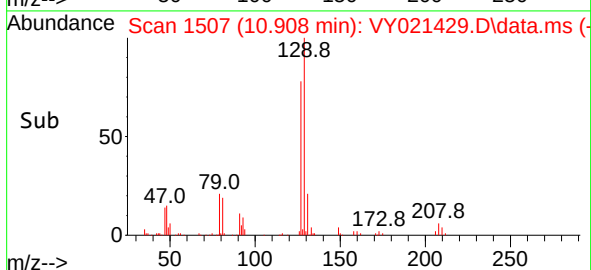
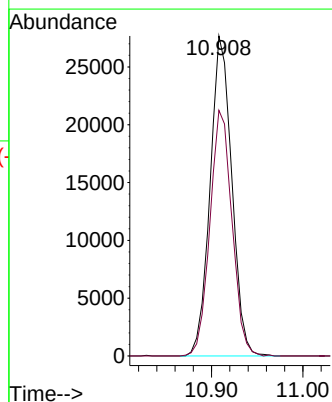
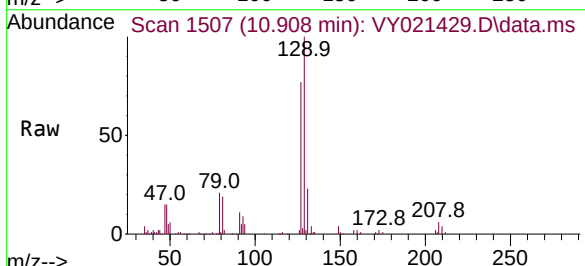
Acq: 06 Mar 2025 12:55

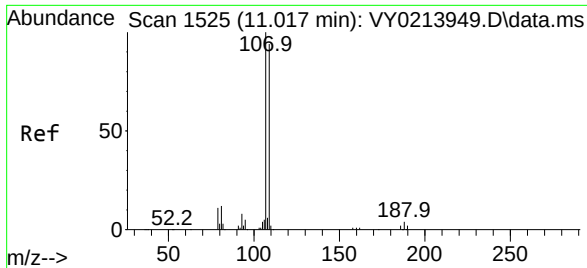
Tgt Ion: 129 Resp: 45450

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.3

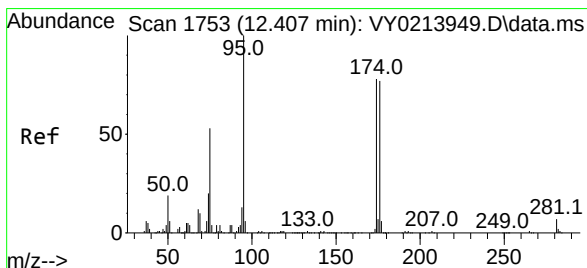
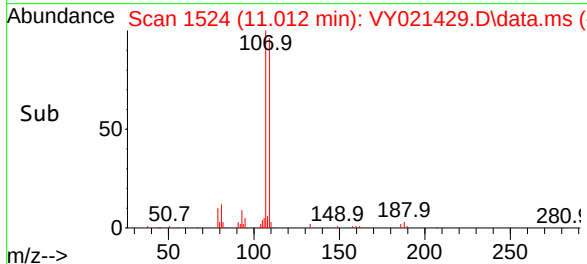
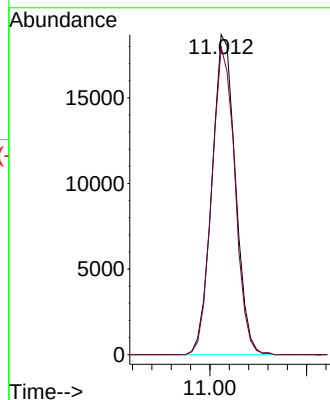
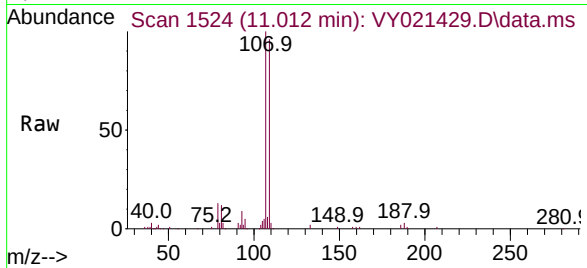




#61
 1,2-Dibromoethane
 Concen: 20.045 ug/l
 RT: 11.012 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

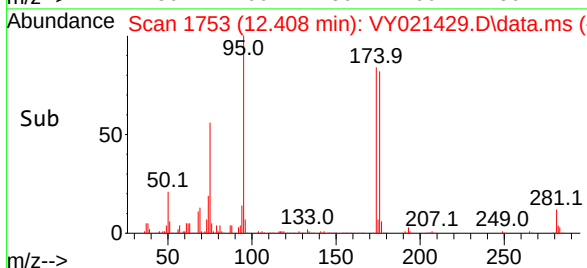
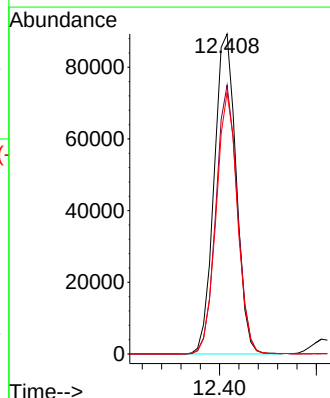
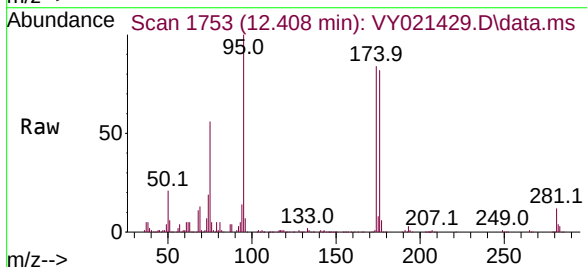
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

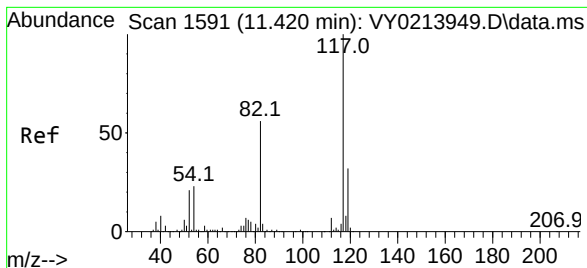
Tgt Ion:107 Resp: 31489
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.620 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

Tgt Ion: 95 Resp: 141225
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 165.0
 176 78.7 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

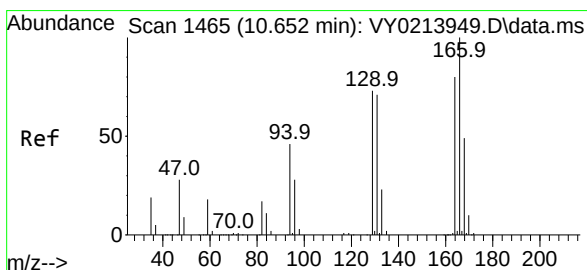
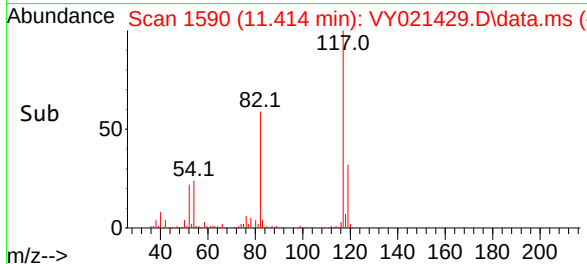
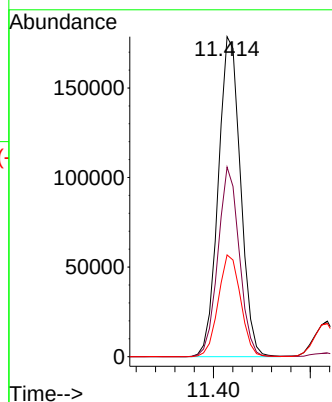
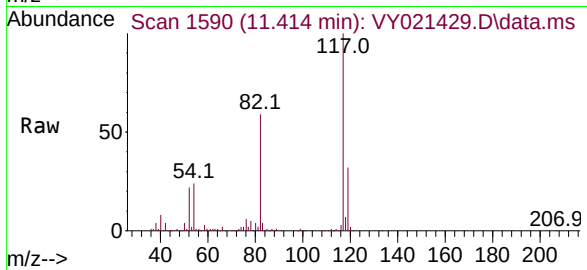
Tgt Ion:117 Resp: 284896

Ion Ratio Lower Upper

117 100

82 59.3 44.6 67.0

119 31.8 25.4 38.0



#64

Tetrachloroethene

Concen: 18.821 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Tgt Ion:164 Resp: 43602

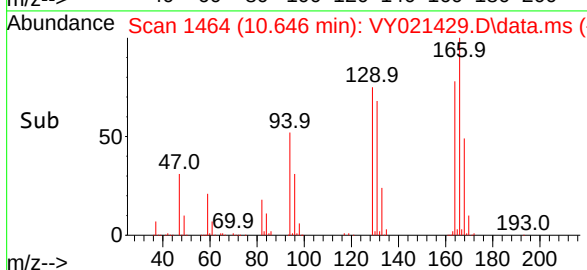
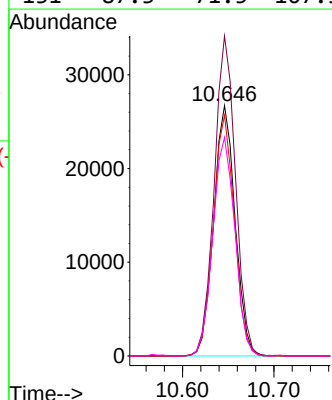
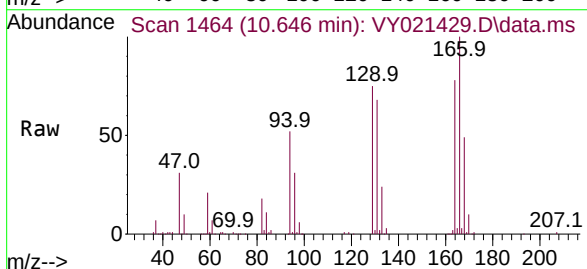
Ion Ratio Lower Upper

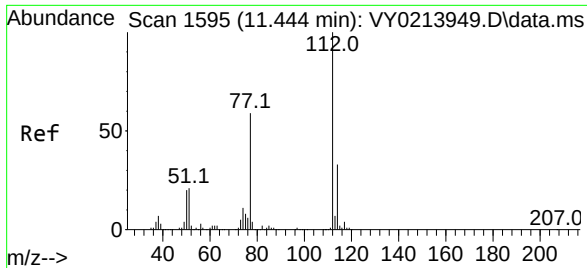
164 100

166 127.8 100.4 150.6

129 96.1 73.8 110.8

131 87.3 71.5 107.3

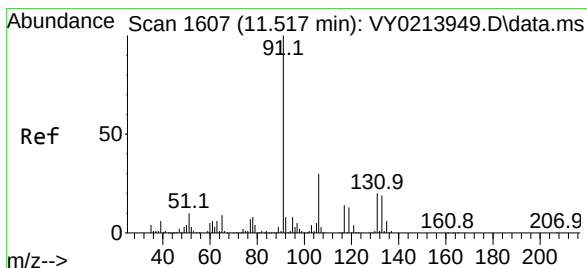
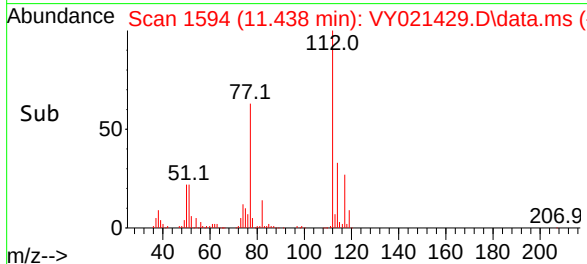
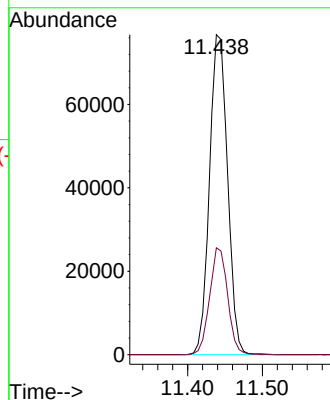
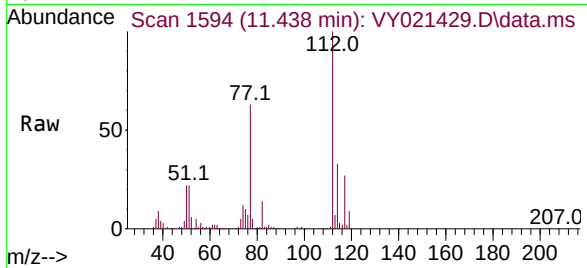




#65
Chlorobenzene
Concen: 19.161 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

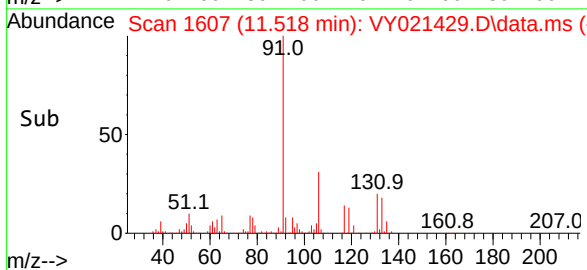
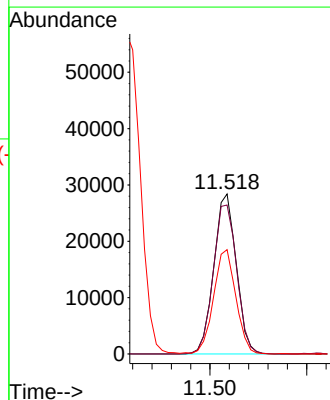
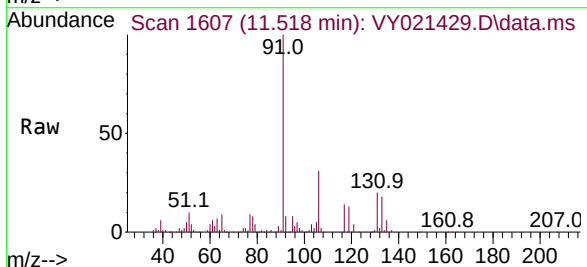
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

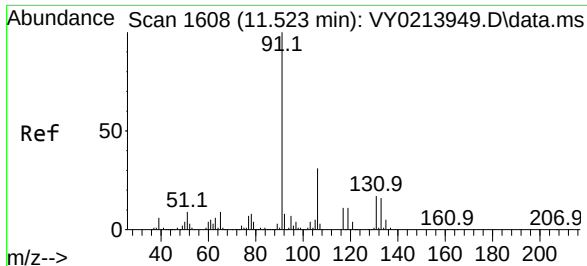
Tgt Ion:112 Resp: 128907
Ion Ratio Lower Upper
112 100
114 33.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.215 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion:131 Resp: 45704
Ion Ratio Lower Upper
131 100
133 97.6 47.6 142.9
119 65.1 32.3 96.9





#67

Ethyl Benzene

Concen: 18.649 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

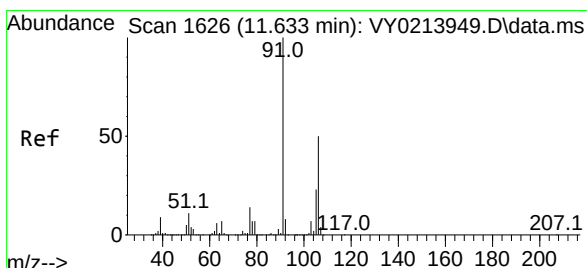
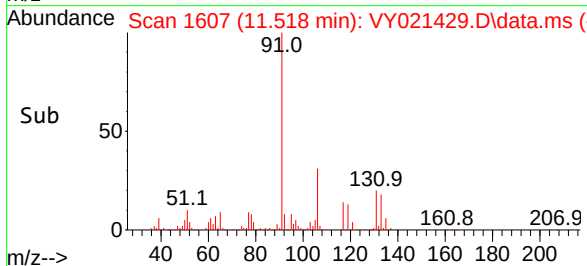
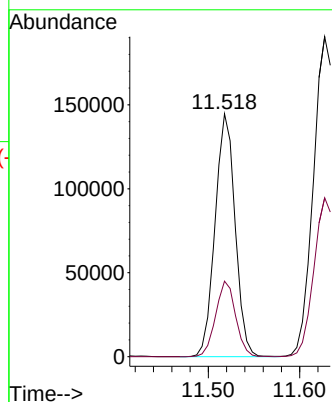
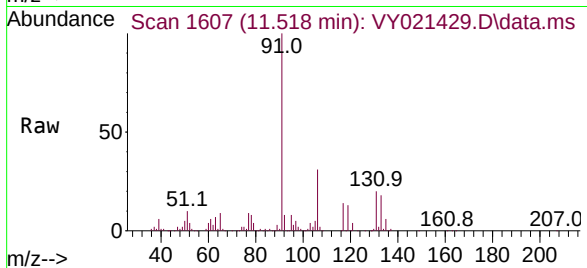
VY0306SBS01

Tgt Ion: 91 Resp: 220217

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 37.809 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021429.D

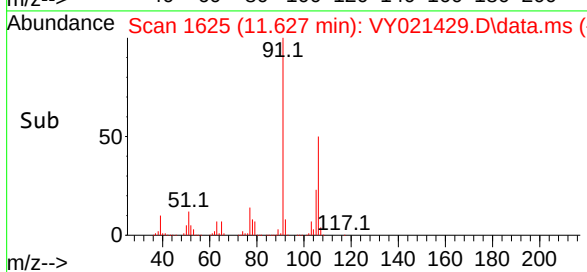
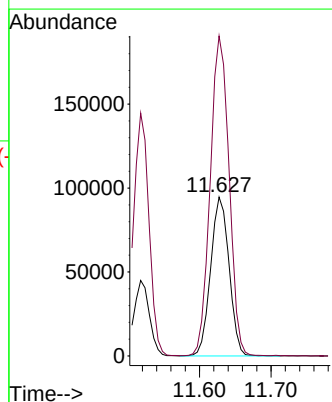
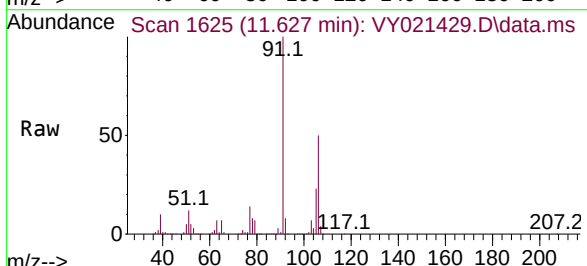
Acq: 06 Mar 2025 12:55

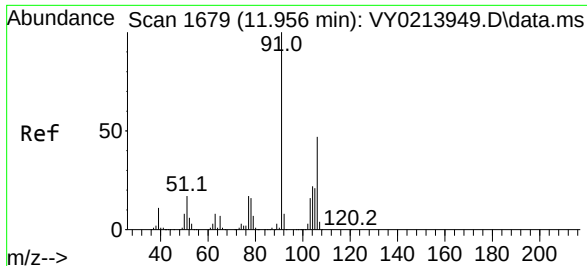
Tgt Ion:106 Resp: 169502

Ion Ratio Lower Upper

106 100

91 205.6 161.7 242.5





#69

o-Xylene

Concen: 18.830 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

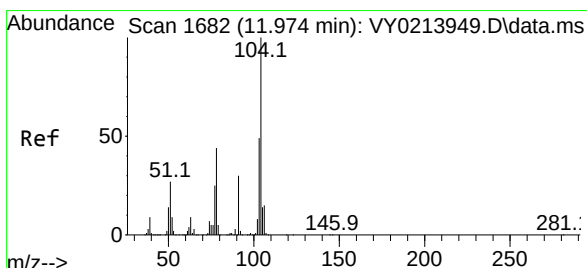
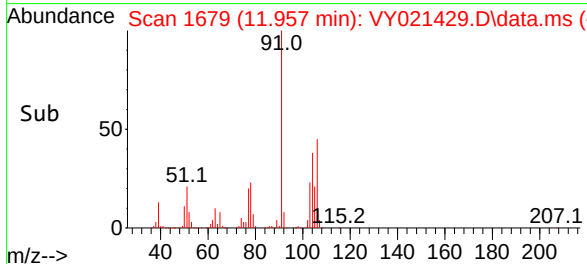
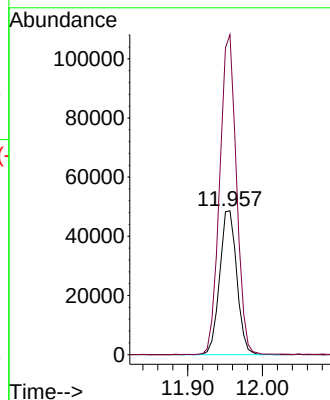
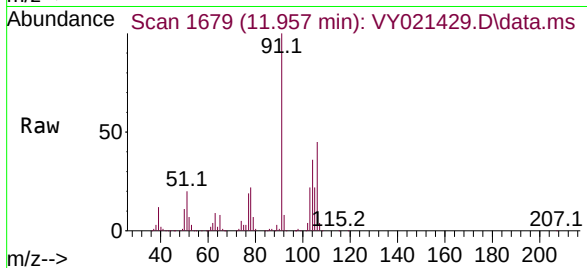
VY0306SBS01

Tgt Ion:106 Resp: 77803

Ion Ratio Lower Upper

106 100

91 217.0 107.6 322.8



#70

Styrene

Concen: 19.504 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

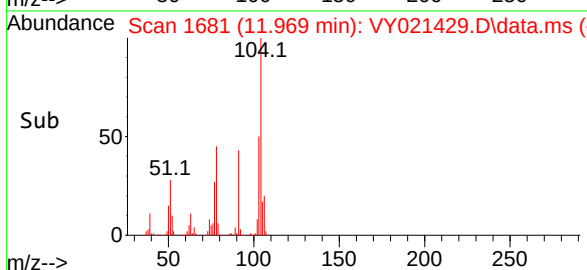
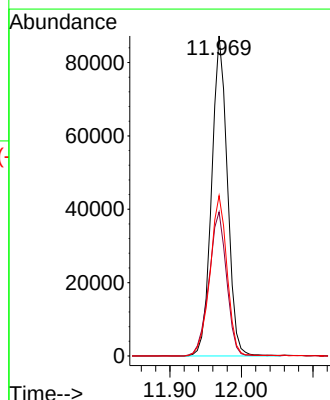
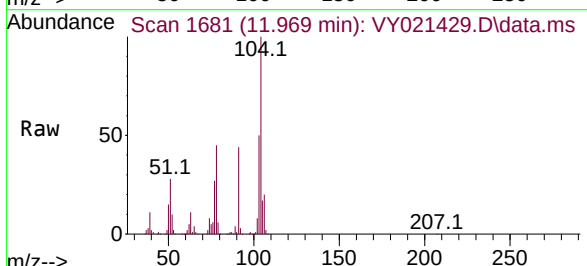
Tgt Ion:104 Resp: 133689

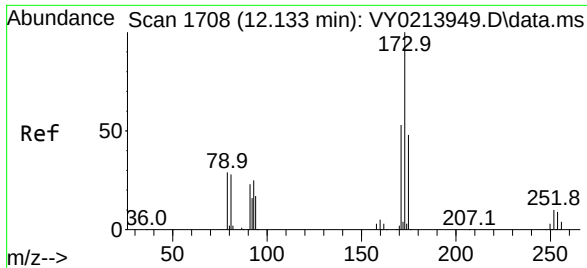
Ion Ratio Lower Upper

104 100

78 50.1 40.7 61.1

103 54.0 44.1 66.1

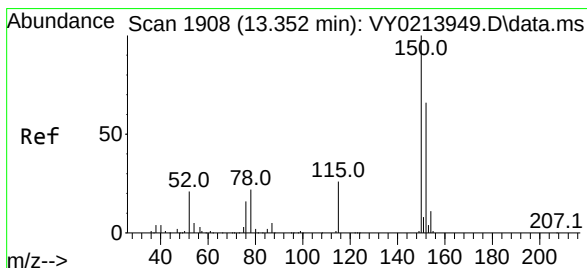
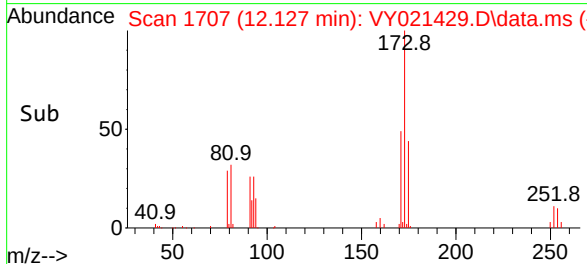
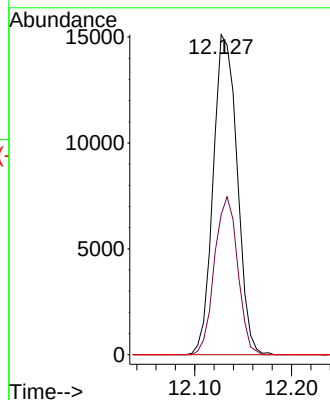
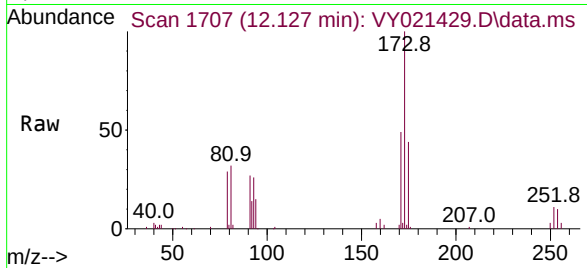




#71
Bromoform
Concen: 19.577 ug/l
RT: 12.127 min Scan# 1707
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

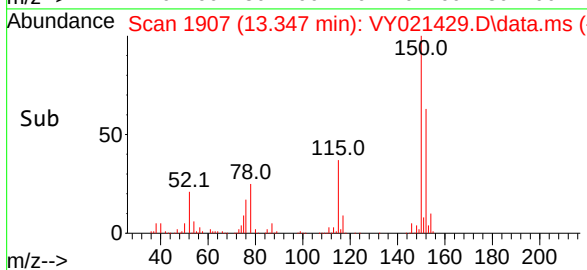
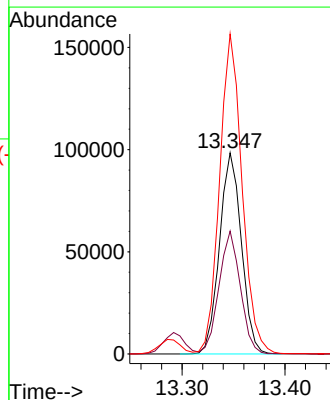
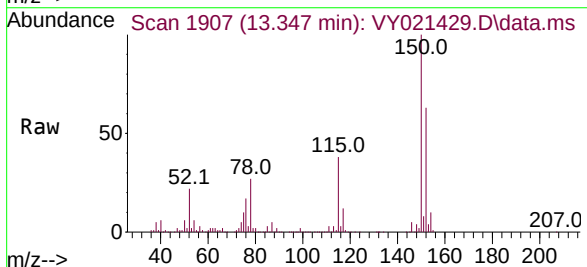
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

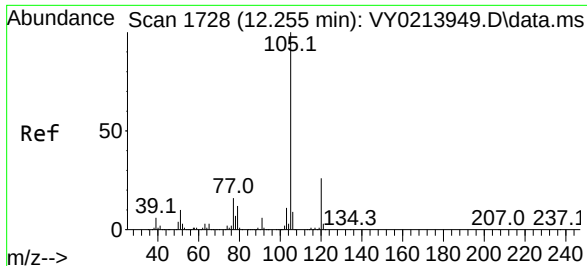
Tgt Ion:173 Resp: 26030
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion:152 Resp: 145541
Ion Ratio Lower Upper
152 100
115 59.5 29.0 87.0
150 163.5 0.0 347.2

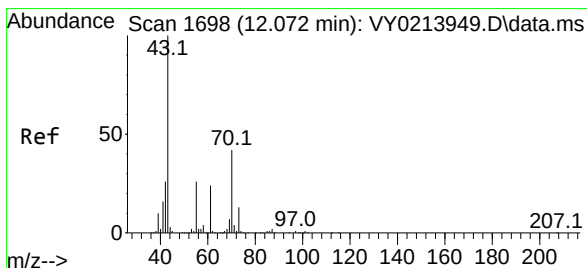
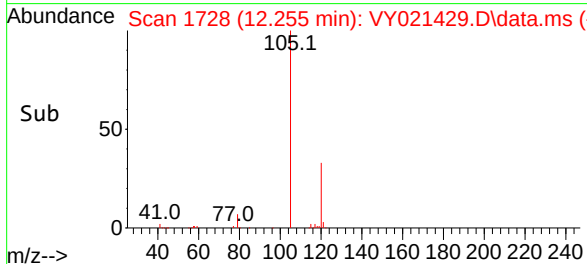
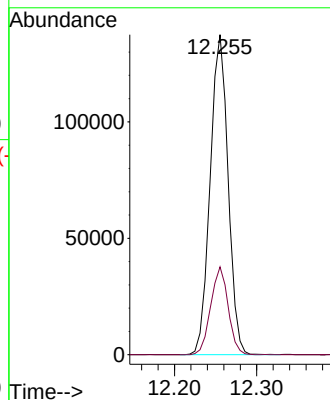
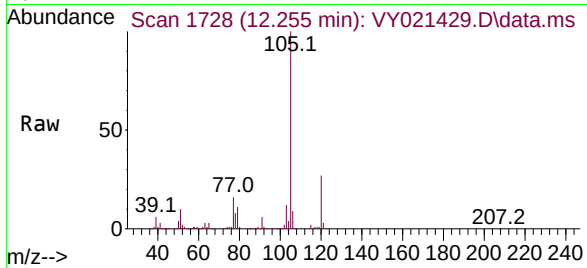




#73
Isopropylbenzene
Concen: 18.150 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

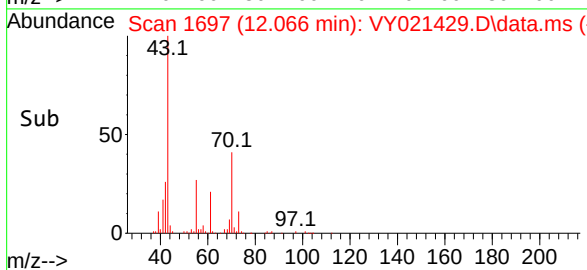
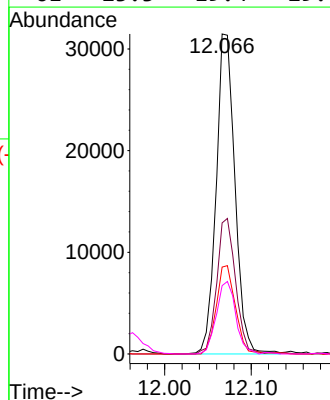
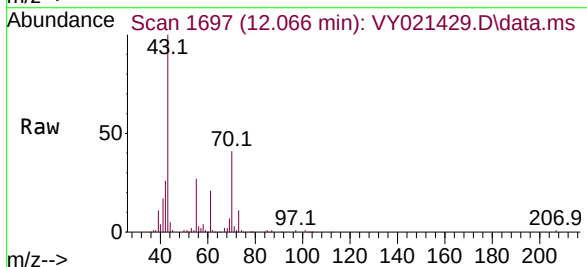
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBSD01

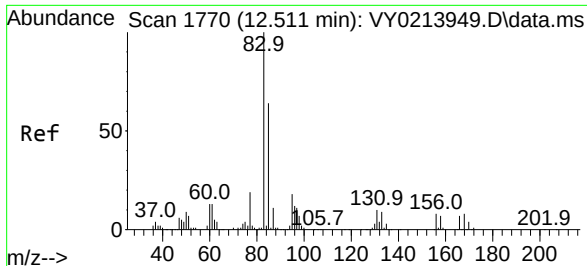
Tgt Ion:105 Resp: 208083
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#74
N-ethyl acetate
Concen: 19.102 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 43 Resp: 47561
Ion Ratio Lower Upper
43 100
70 42.7 34.6 51.8
55 28.3 21.1 31.7
61 23.3 19.4 29.0

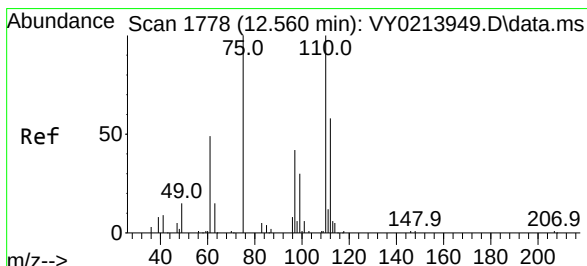
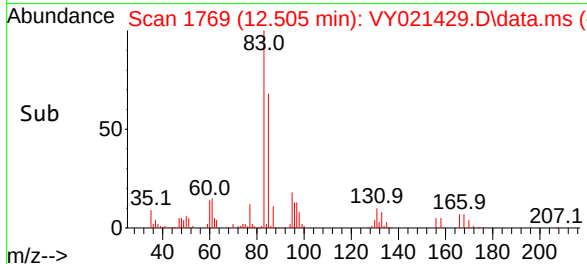
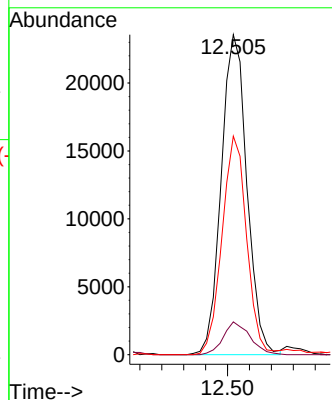
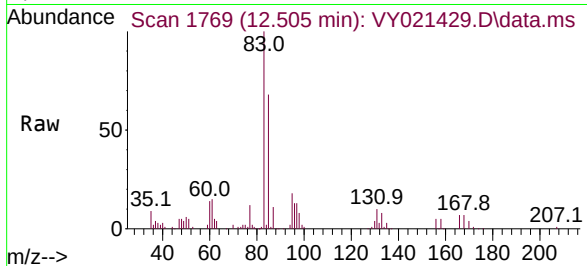




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.963 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

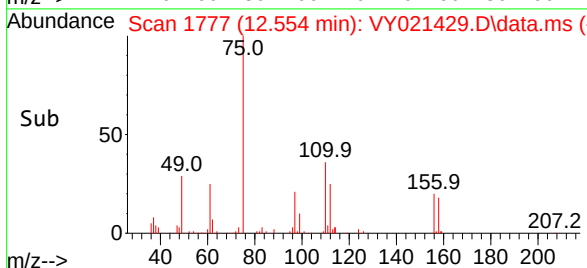
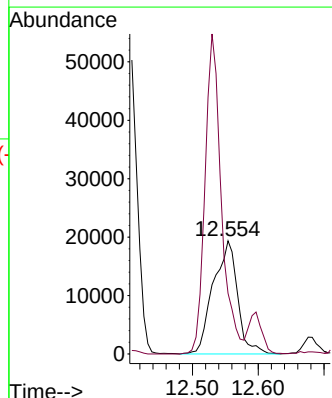
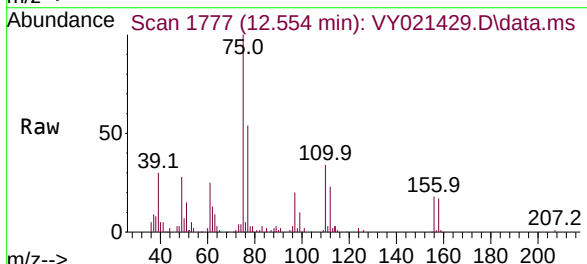
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

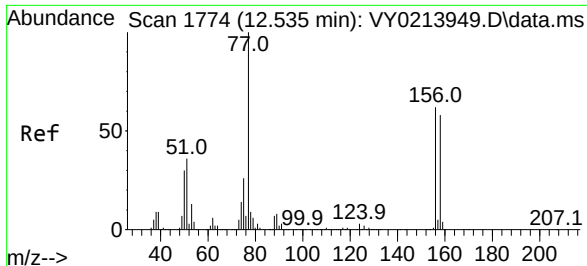
Tgt Ion: 83 Resp: 38365
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 16.1
 85 65.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 33.993 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

Tgt Ion: 75 Resp: 49854
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

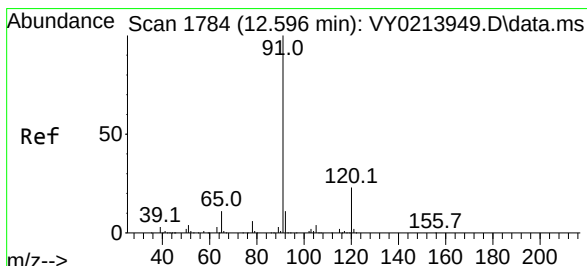
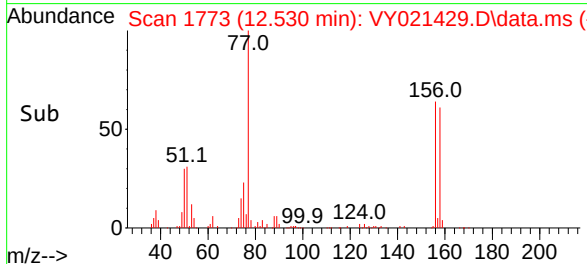
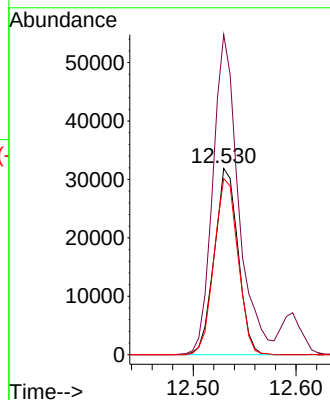
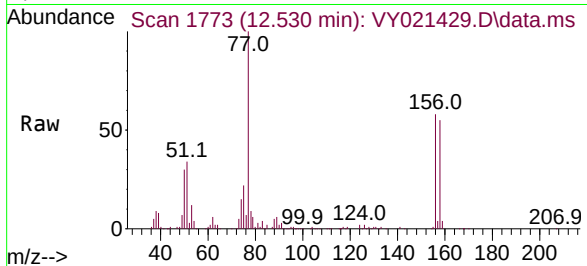




#77
Bromobenzene
Concen: 19.003 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

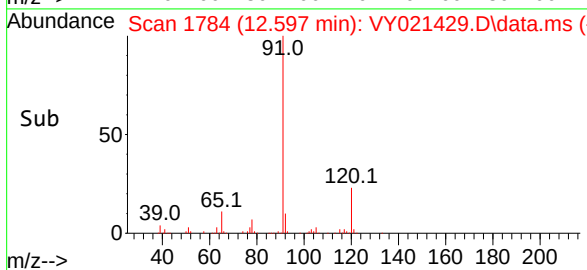
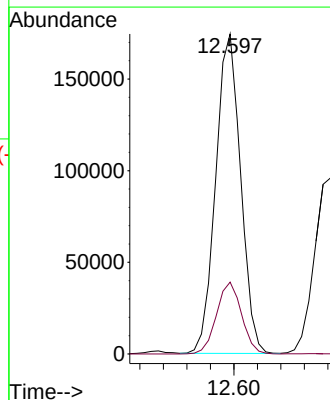
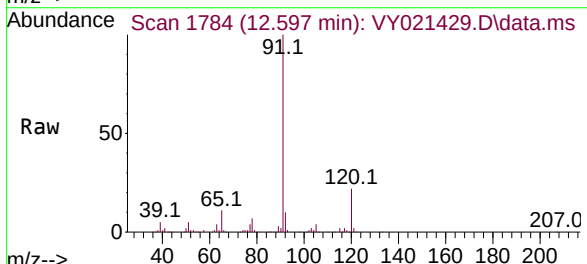
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

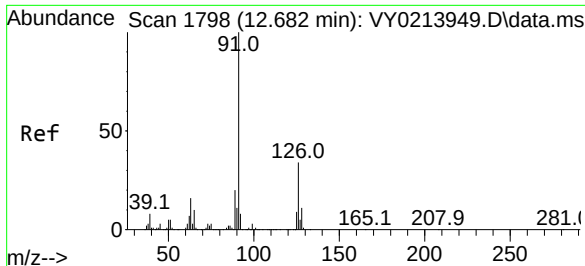
Tgt Ion:156 Resp: 50969
Ion Ratio Lower Upper
156 100
77 187.0 93.6 280.8
158 95.4 48.3 144.8



#78
n-propylbenzene
Concen: 18.429 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 91 Resp: 256602
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

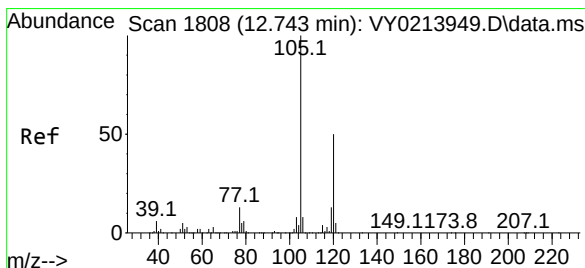
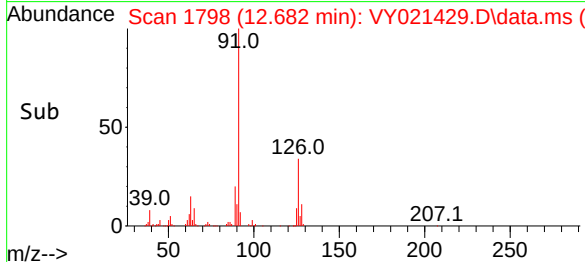
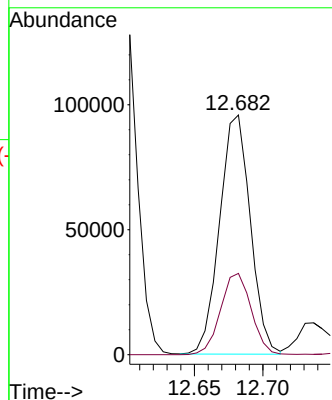
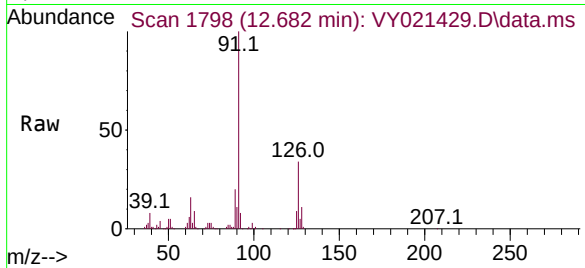




#79
2-Chlorotoluene
Concen: 18.776 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

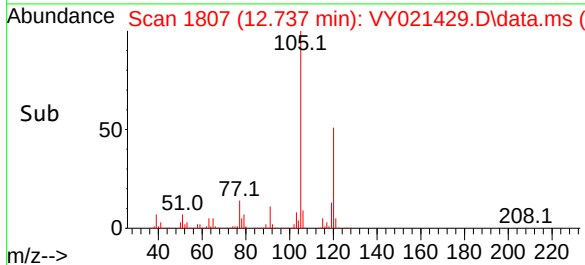
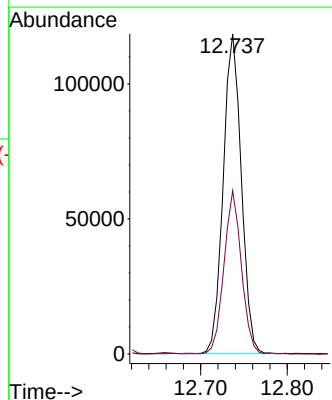
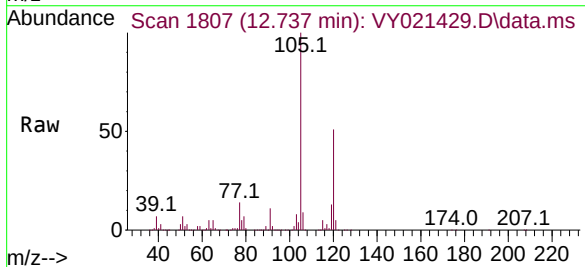
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

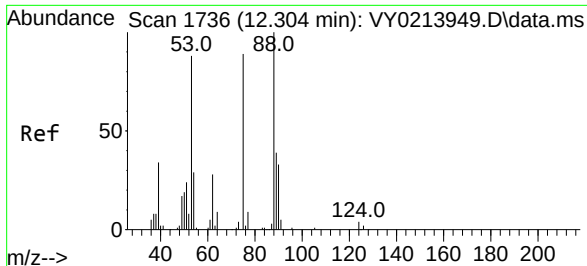
Tgt Ion: 91 Resp: 149480
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 18.415 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 105 Resp: 171567
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6

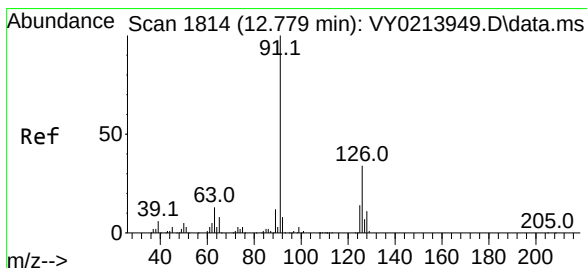
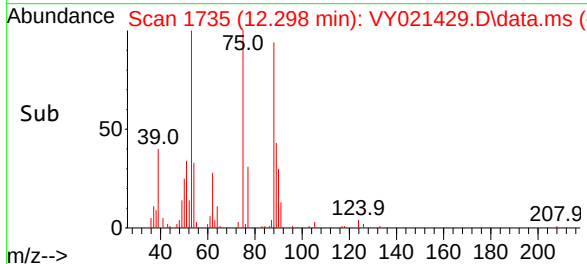
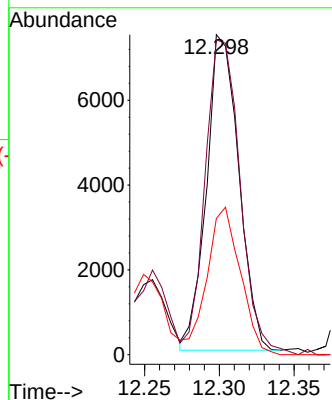
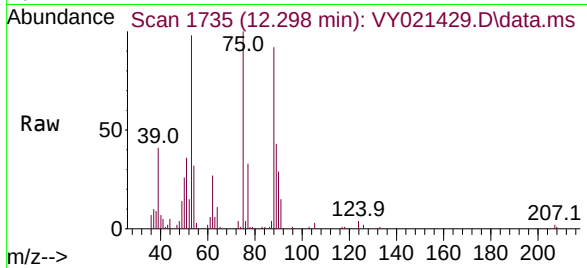




#81
trans-1,4-Dichloro-2-butene
Concen: 17.356 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

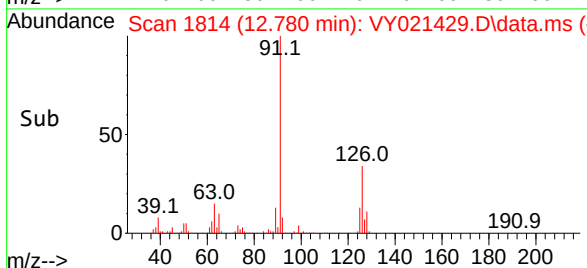
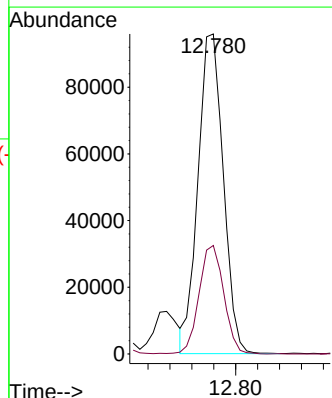
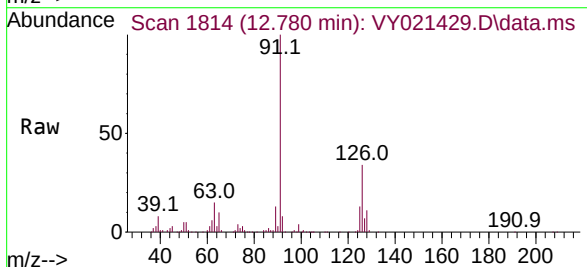
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

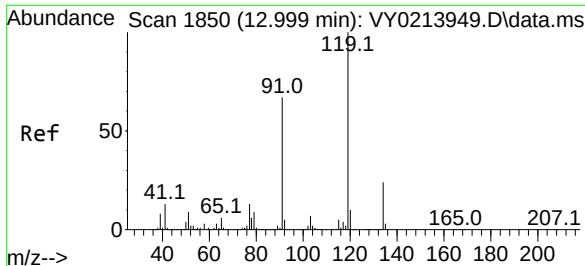
Tgt Ion: 75 Resp: 11197
Ion Ratio Lower Upper
75 100
53 108.0 81.0 121.4
89 48.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.612 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 91 Resp: 153440
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0

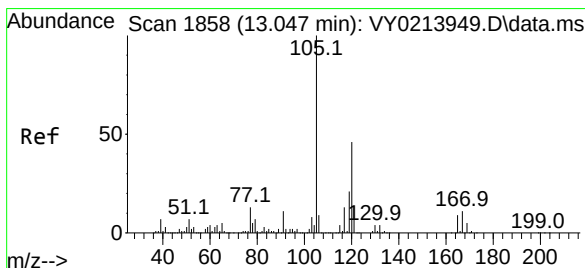
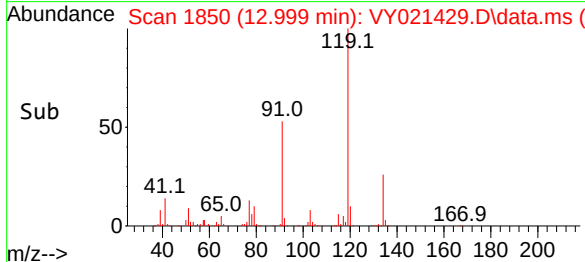
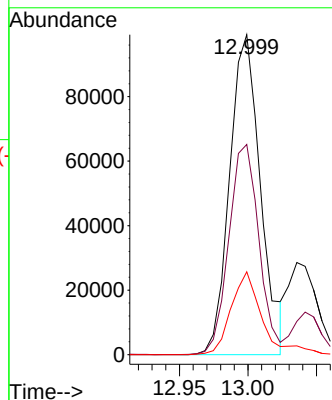
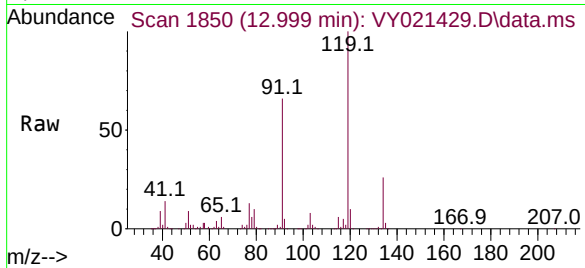




#83
 tert-Butylbenzene
 Concen: 18.709 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

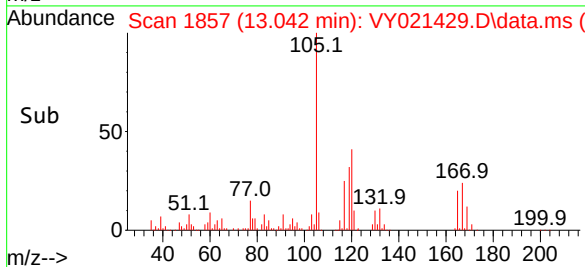
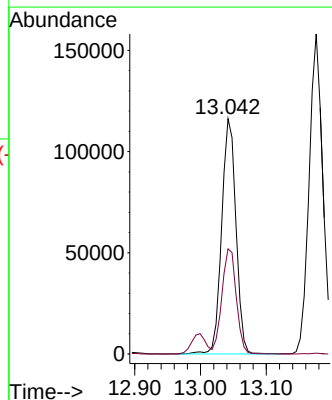
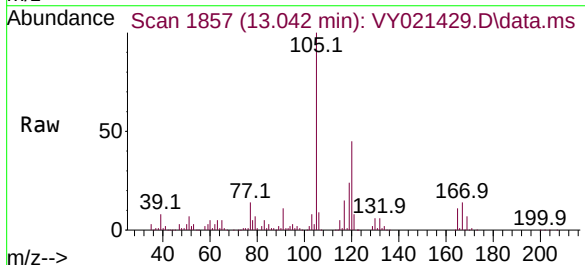
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

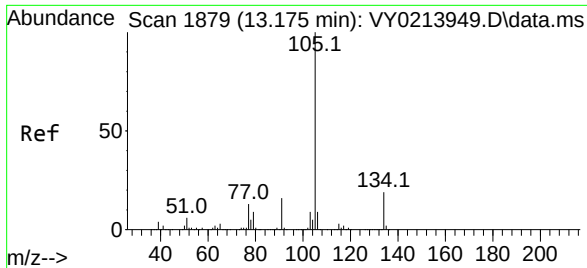
Tgt Ion:	119	Resp:	155498
Ion	Ratio	Lower	Upper
119	100		
91	64.2	33.2	99.6
134	26.1	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.013 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

Tgt Ion:	105	Resp:	175877
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.1

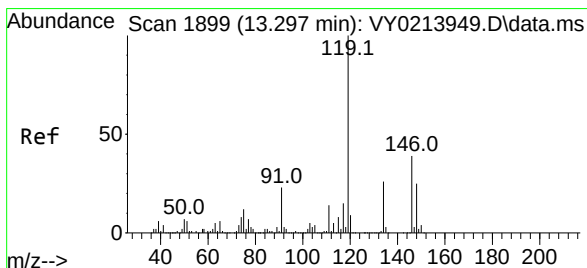
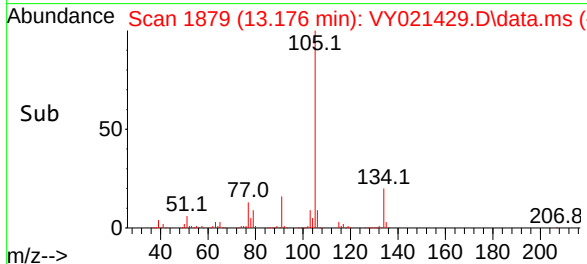
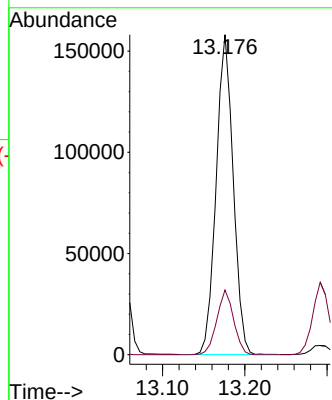
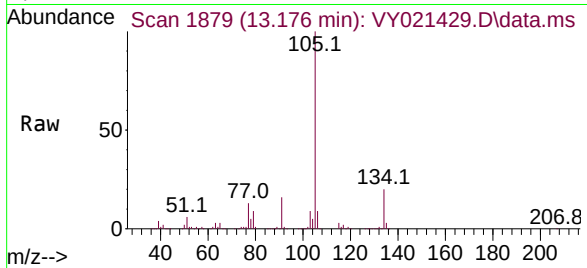




#85
 sec-Butylbenzene
 Concen: 18.413 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

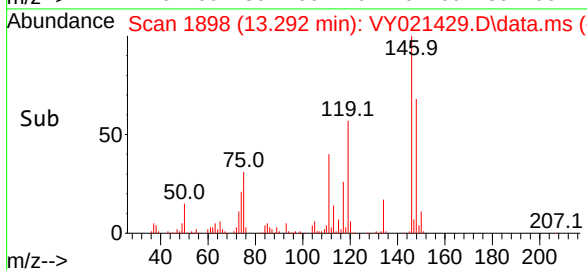
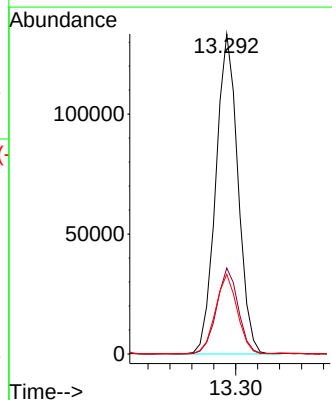
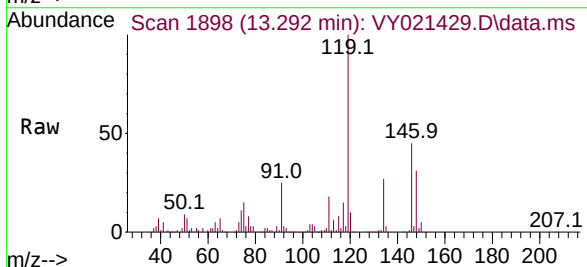
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

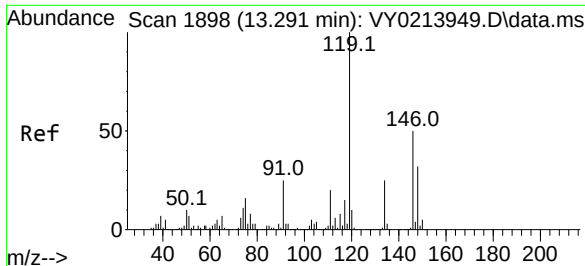
Tgt Ion:105 Resp: 227701
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 18.381 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021429.D
 Acq: 06 Mar 2025 12:55

Tgt Ion:119 Resp: 187268
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.505 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

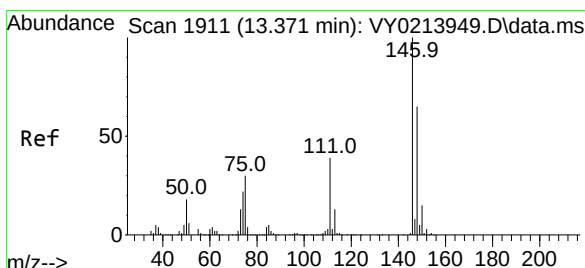
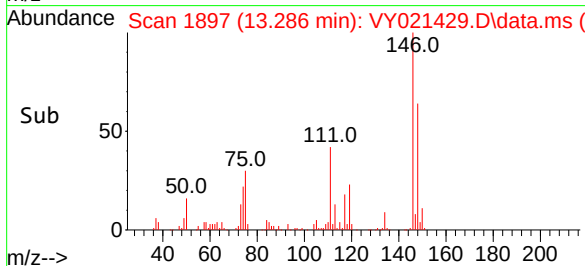
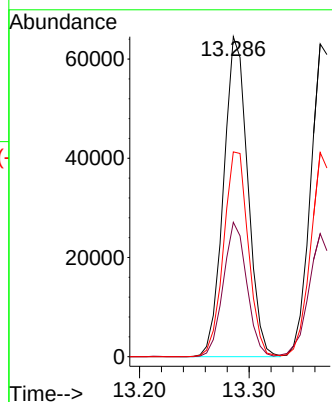
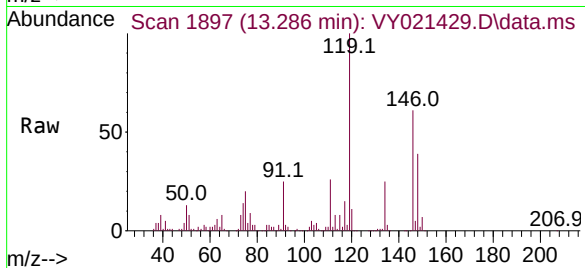
Tgt Ion:146 Resp: 98798

Ion Ratio Lower Upper

146 100

111 40.8 20.0 60.0

148 65.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.984 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

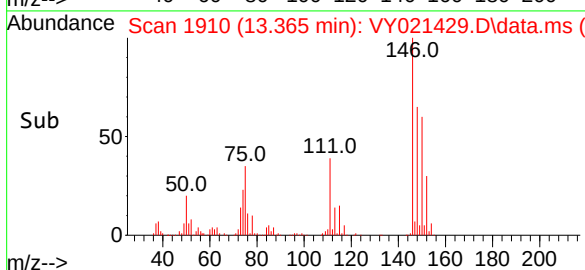
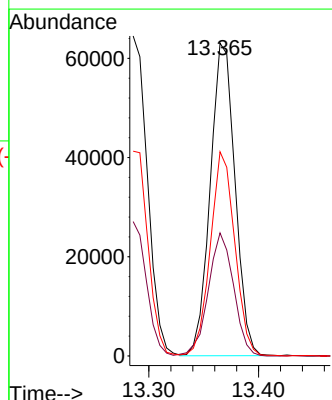
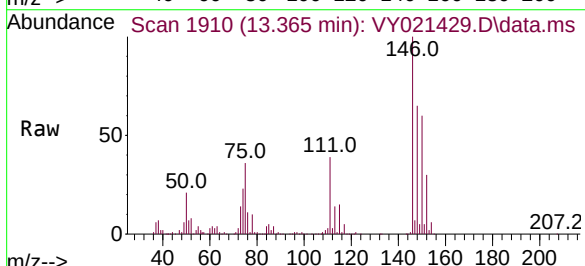
Tgt Ion:146 Resp: 99121

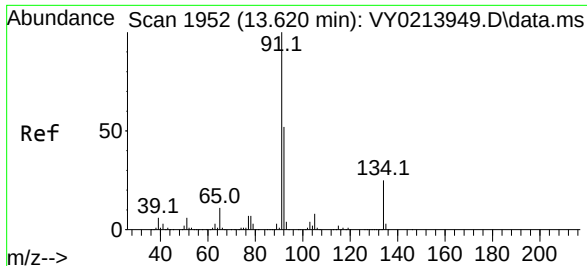
Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.8

148 64.6 32.3 96.8





#89

n-Butylbenzene

Concen: 18.209 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

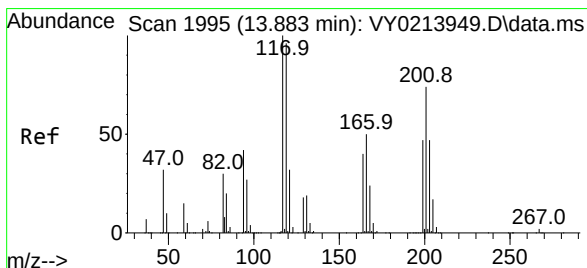
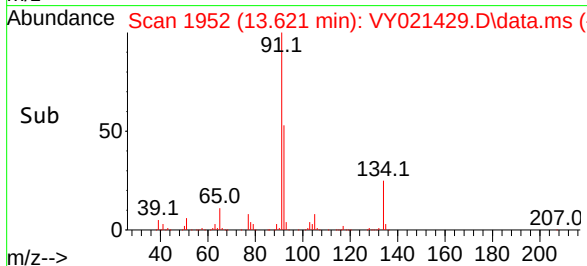
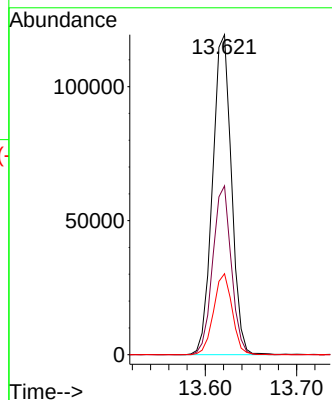
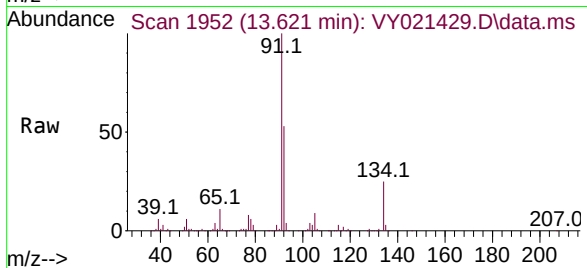
Tgt Ion: 91 Resp: 171306

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.3

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 18.179 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021429.D

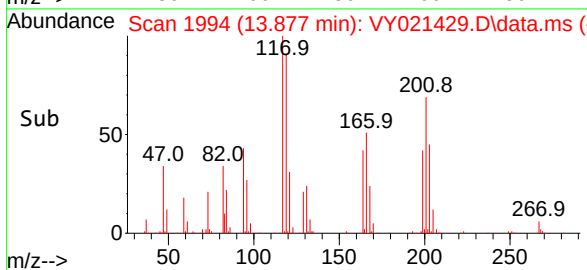
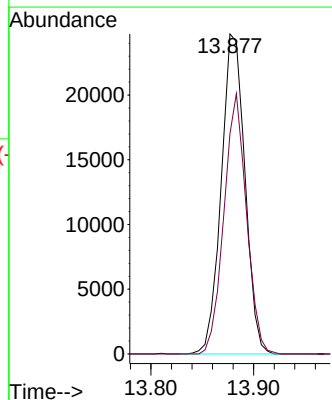
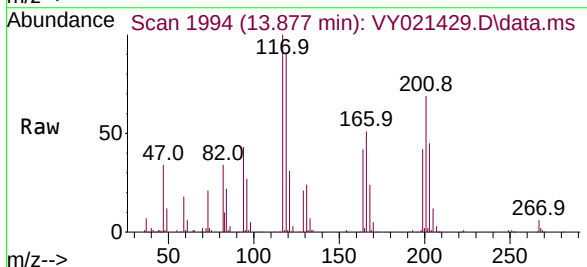
Acq: 06 Mar 2025 12:55

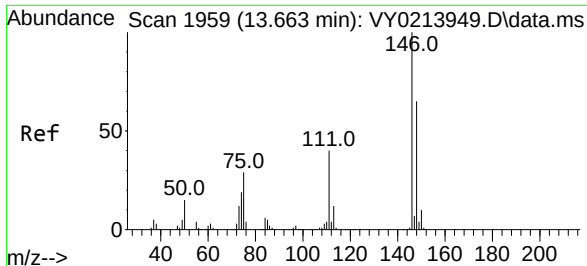
Tgt Ion: 117 Resp: 39511

Ion Ratio Lower Upper

117 100

201 77.2 37.4 112.2

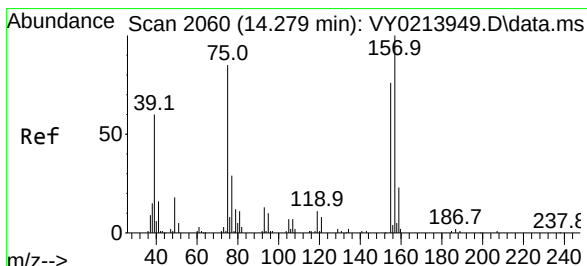
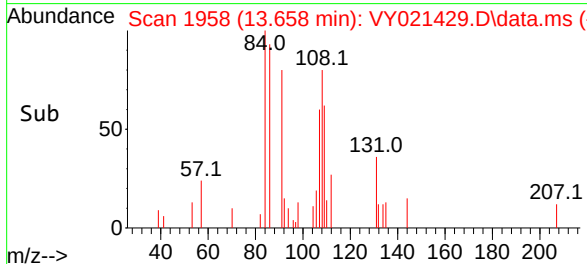
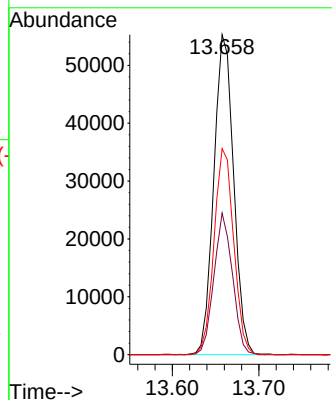
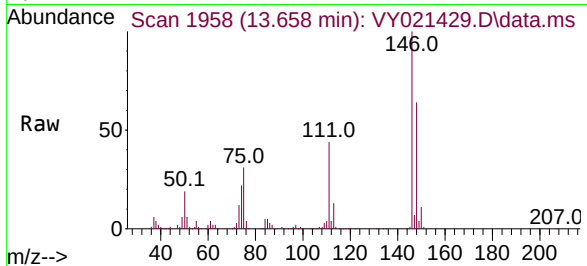




#91
1,2-Dichlorobenzene
Concen: 19.228 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

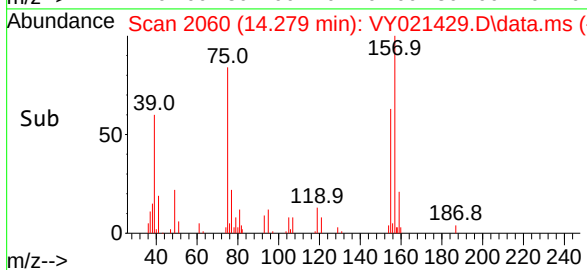
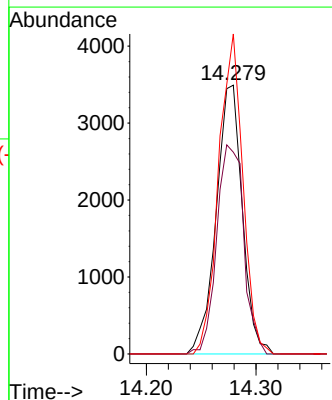
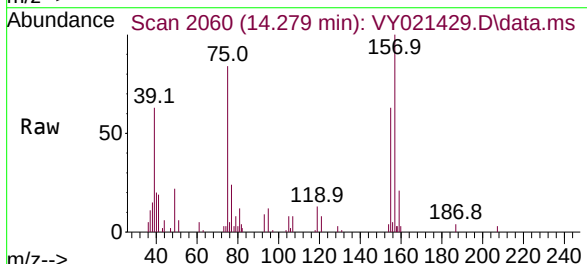
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

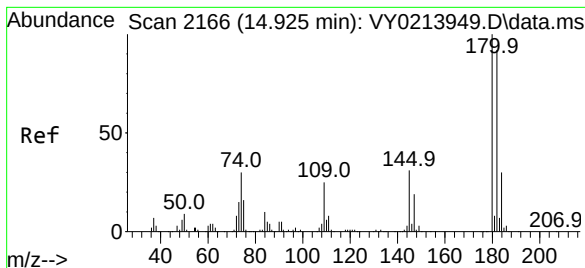
Tgt Ion:146 Resp: 87985
Ion Ratio Lower Upper
146 100
111 41.5 20.7 62.1
148 63.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.122 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion: 75 Resp: 5795
Ion Ratio Lower Upper
75 100
155 80.1 43.5 130.5
157 109.8 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 18.729 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

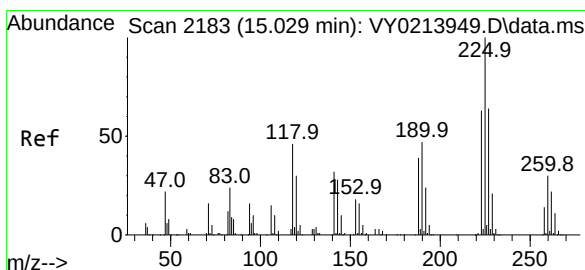
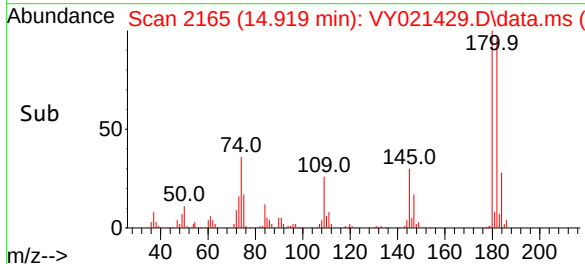
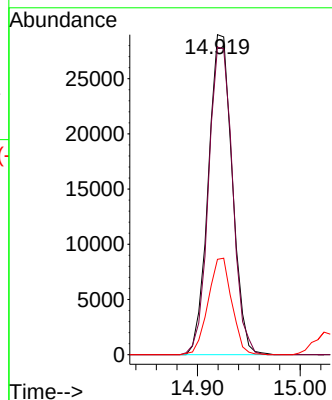
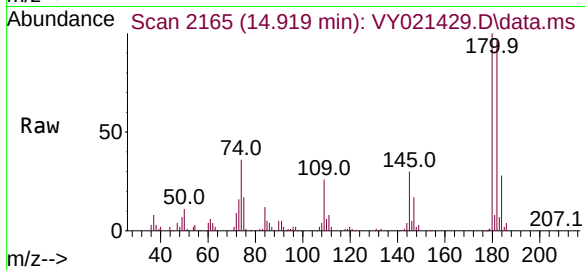
Tgt Ion:180 Resp: 46812

Ion Ratio Lower Upper

180 100

182 96.3 46.7 140.0

145 29.8 15.6 46.8



#94

Hexachlorobutadiene

Concen: 19.606 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021429.D

Acq: 06 Mar 2025 12:55

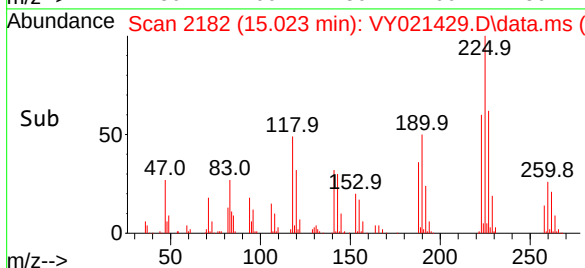
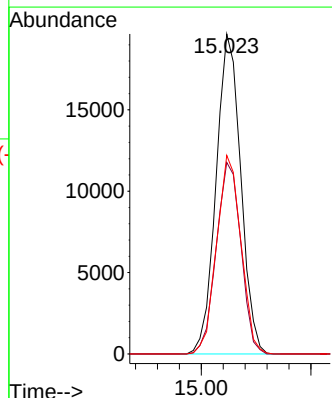
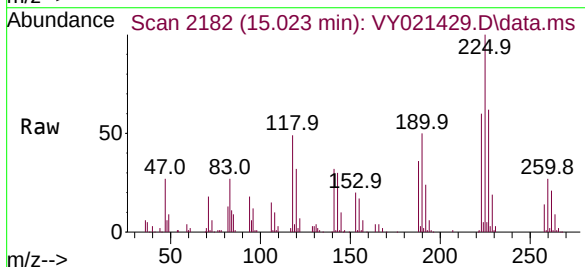
Tgt Ion:225 Resp: 30717

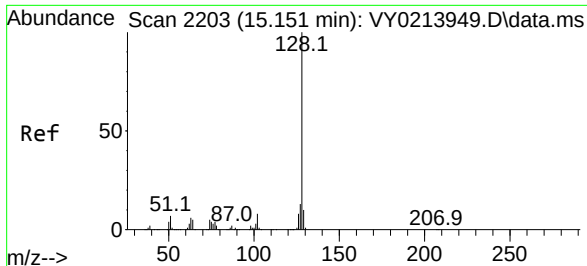
Ion Ratio Lower Upper

225 100

223 59.7 31.4 94.2

227 61.2 31.8 95.4

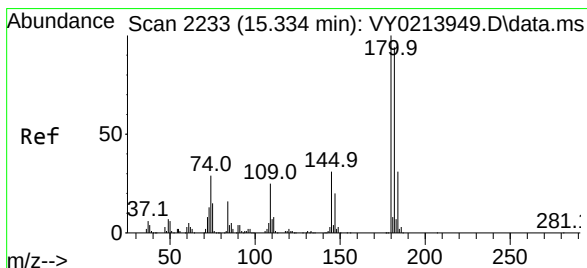
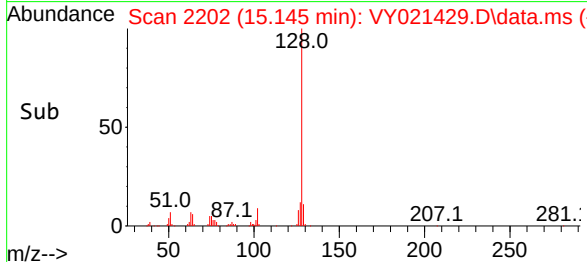
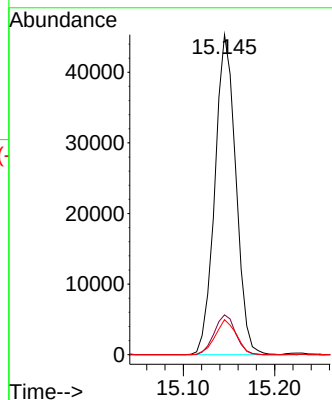
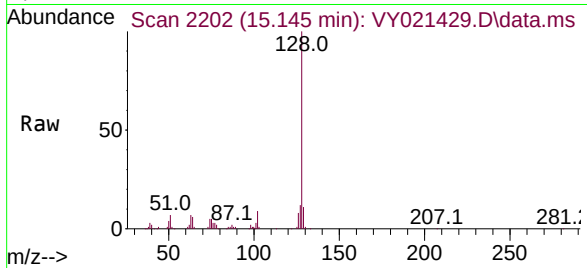




#95
Naphthalene
Concen: 19.111 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion:128 Resp: 72201
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.844 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021429.D
Acq: 06 Mar 2025 12:55

Tgt Ion:180 Resp: 39613
Ion Ratio Lower Upper
180 100
182 97.8 47.2 141.6
145 33.7 16.4 49.1

