

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022442.D
 Acq On : 28 May 2025 10:26
 Operator : SY/MD
 Sample : VY0528SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Quant Time: May 29 01:51:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	222613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	379845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	322081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	144212	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119909	51.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.280%	
35) Dibromofluoromethane	7.634	113	115291	51.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.660%	
50) Toluene-d8	10.109	98	464967	51.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.408	95	134698	49.106	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	47571	22.398	ug/l	99
3) Chloromethane	2.068	50	110018	21.059	ug/l	99
4) Vinyl Chloride	2.208	62	140860	22.194	ug/l	99
5) Bromomethane	2.592	94	136418	23.653	ug/l	99
6) Chloroethane	2.733	64	96467	23.260	ug/l	97
7) Trichlorofluoromethane	3.050	101	123701	23.101	ug/l	97
8) Diethyl Ether	3.458	74	25715	20.827	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	49894	21.238	ug/l	100
10) Methyl Iodide	4.007	142	51365	19.380	ug/l	99
11) Tert butyl alcohol	4.885	59	15176	91.821	ug/l	95
12) 1,1-Dichloroethene	3.793	96	48986	21.003	ug/l	97
13) Acrolein	3.659	56	22349	90.245	ug/l	100
14) Allyl chloride	4.379	41	73376	20.914	ug/l	98
15) Acrylonitrile	5.061	53	49448	99.358	ug/l	99
16) Acetone	3.873	43	35098	91.091	ug/l	93
17) Carbon Disulfide	4.110	76	159383	21.414	ug/l	99
18) Methyl Acetate	4.385	43	28043	19.429	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	125340	20.242	ug/l	95
20) Methylene Chloride	4.622	84	55726	20.481	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	54548	21.423	ug/l	90
22) Diisopropyl ether	6.019	45	161312	20.833	ug/l	99
23) Vinyl Acetate	5.964	43	450862	101.407	ug/l	99
24) 1,1-Dichloroethane	5.915	63	97283	21.262	ug/l	98
25) 2-Butanone	6.896	43	61143	95.283	ug/l	94
26) 2,2-Dichloropropane	6.890	77	84887	20.489	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	60169	20.412	ug/l	97
28) Bromochloromethane	7.250	49	40724	21.315	ug/l	100
29) Tetrahydrofuran	7.268	42	40657	95.001	ug/l	99
30) Chloroform	7.421	83	97167	21.552	ug/l	98
31) Cyclohexane	7.707	56	93817	20.801	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	86455	21.129	ug/l	99
36) 1,1-Dichloropropene	7.835	75	72726	20.603	ug/l	99
37) Ethyl Acetate	6.994	43	29788	19.857	ug/l	97
38) Carbon Tetrachloride	7.817	117	74487	20.257	ug/l	97
39) Methylcyclohexane	9.109	83	94704	20.183	ug/l	96
40) Benzene	8.079	78	218521	20.805	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	25181	27.656	ug/l #	50
42) 1,2-Dichloroethane	8.158	62	56928	20.522	ug/l	99
43) Isopropyl Acetate	8.201	43	63076	19.242	ug/l	99
44) Trichloroethene	8.866	130	53405	20.568	ug/l	98
45) 1,2-Dichloropropane	9.140	63	50282	20.375	ug/l	99
46) Dibromomethane	9.231	93	27222	19.746	ug/l	98
47) Bromodichloromethane	9.426	83	71355	20.128	ug/l #	98
48) Methyl methacrylate	9.219	41	28359	18.636	ug/l	98
49) 1,4-Dioxane	9.237	88	6128	402.444	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	151923	93.929	ug/l	99
52) Toluene	10.170	92	132095	20.135	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	63595	19.259	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	77188	19.893	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	34344	19.704	ug/l	97
56) Ethyl methacrylate	10.438	69	46852	18.731	ug/l	97
57) 1,3-Dichloropropane	10.719	76	62032	20.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	113229	90.831	ug/l	99
59) 2-Hexanone	10.762	43	97515	91.997	ug/l	99
60) Dibromochloromethane	10.914	129	43493	19.534	ug/l	98
61) 1,2-Dibromoethane	11.018	107	30648	19.225	ug/l	97
64) Tetrachloroethene	10.646	164	56496	20.596	ug/l	97
65) Chlorobenzene	11.444	112	138069	20.104	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	44338	19.055	ug/l	97
67) Ethyl Benzene	11.518	91	254353	19.946	ug/l	99
68) m/p-Xylenes	11.627	106	189320	39.158	ug/l	99
69) o-Xylene	11.957	106	90159	19.842	ug/l	97
70) Styrene	11.969	104	147733	19.526	ug/l	99
71) Bromoform	12.133	173	22515	18.473	ug/l #	98
73) Isopropylbenzene	12.255	105	235267	20.728	ug/l	100
74) N-amyl acetate	12.072	43	52798	19.011	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33622	18.802	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	48454	33.543	ug/l #	100
77) Bromobenzene	12.536	156	48932	20.034	ug/l	99
78) n-propylbenzene	12.597	91	280561	20.598	ug/l	100
79) 2-Chlorotoluene	12.682	91	151175	20.503	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	179170	20.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11645	18.231	ug/l	95
82) 4-Chlorotoluene	12.780	91	151976	20.013	ug/l	99
83) tert-Butylbenzene	12.999	119	163928	20.459	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	178972	20.054	ug/l	100
85) sec-Butylbenzene	13.176	105	246347	20.732	ug/l	100
86) p-Isopropyltoluene	13.292	119	199508	20.106	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	98113	19.964	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	95030	20.223	ug/l	98
89) n-Butylbenzene	13.615	91	189473	20.366	ug/l	99
90) Hexachloroethane	13.883	117	40872	20.699	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	81774	19.921	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5368	19.426	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	42773	18.796	ug/l	98
94) Hexachlorobutadiene	15.023	225	24639	20.631	ug/l	94
95) Naphthalene	15.145	128	77539	18.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	36202	19.398	ug/l	99

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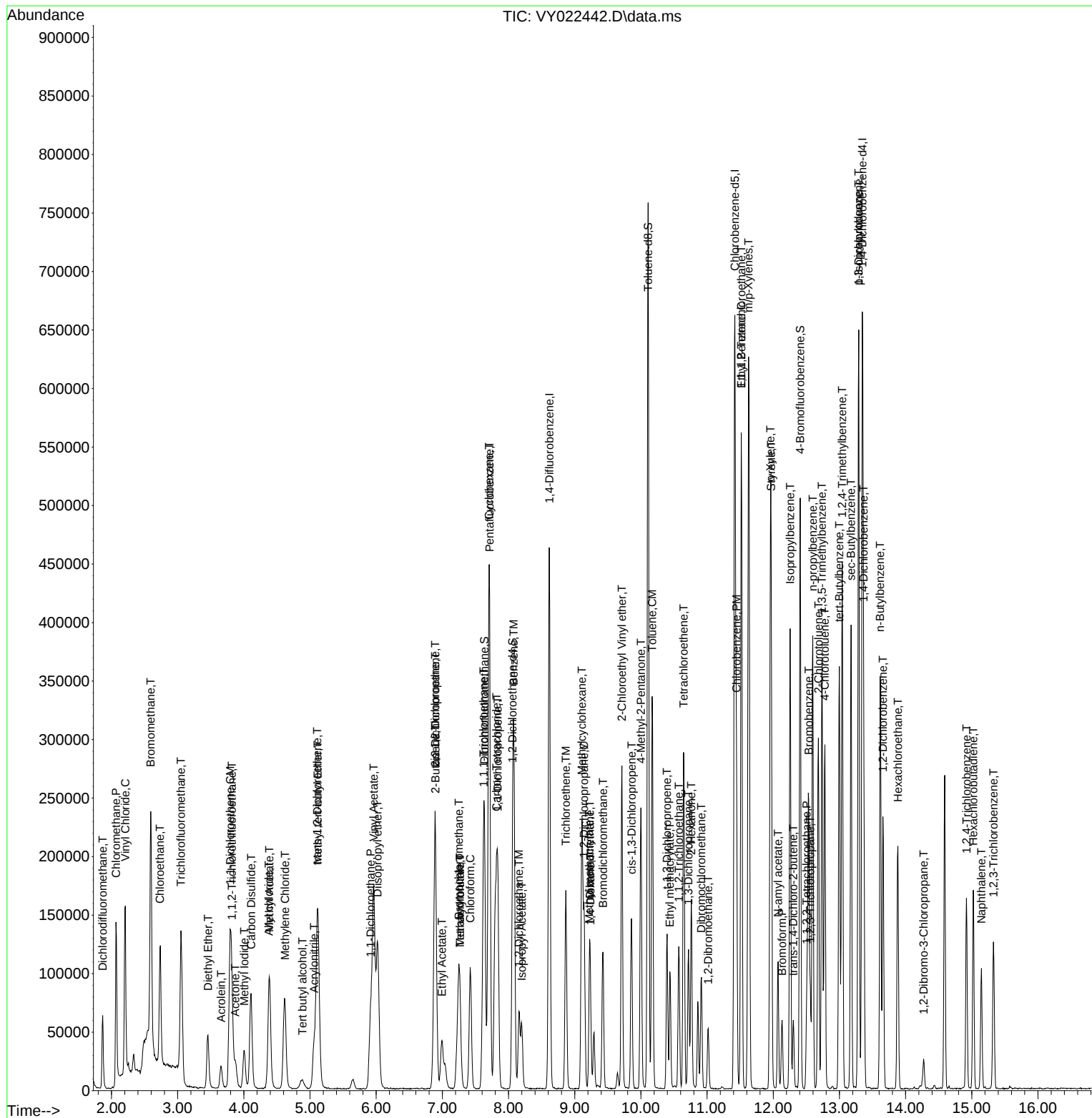
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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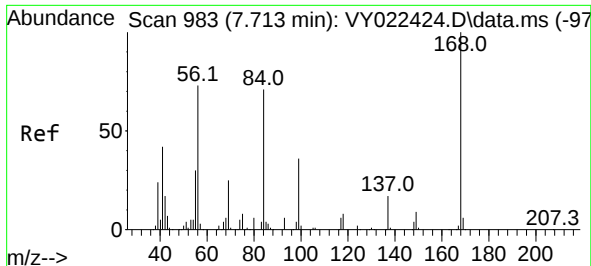
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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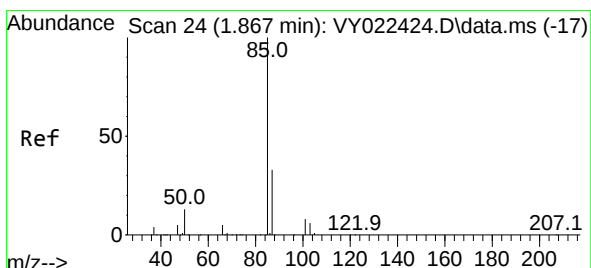
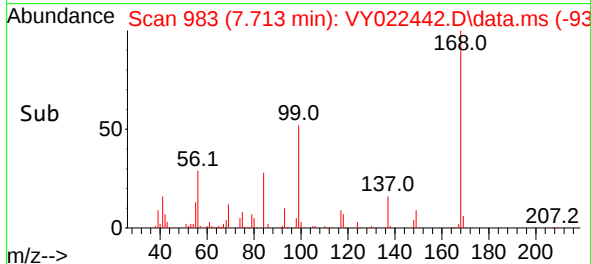
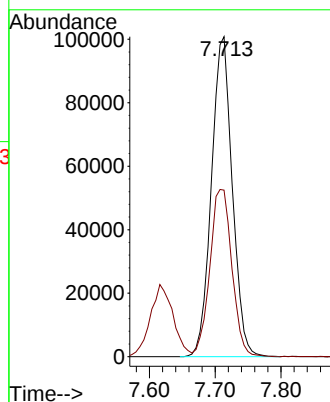
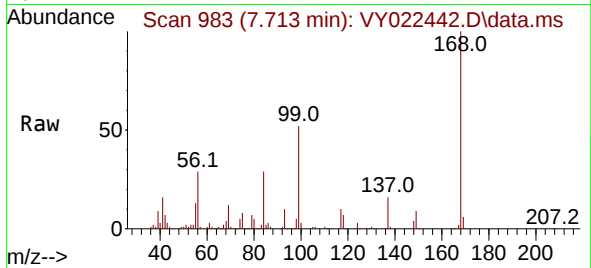




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
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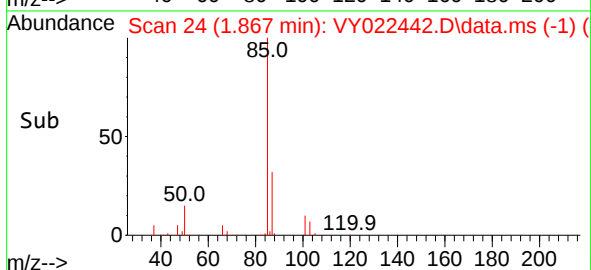
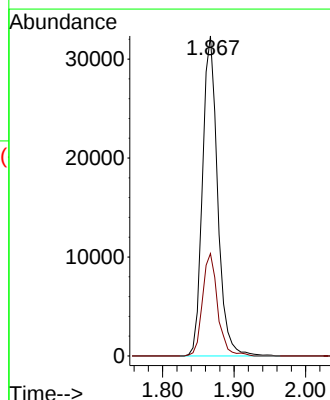
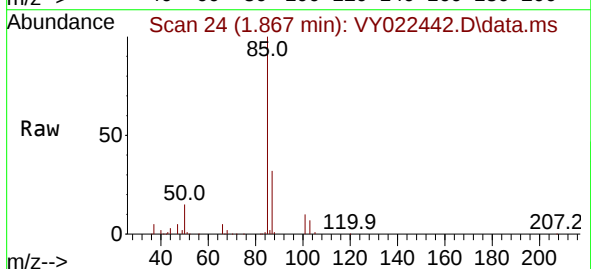
Instrument :
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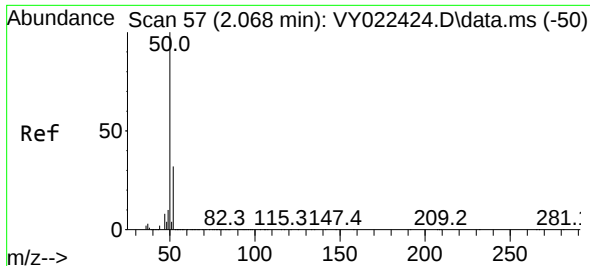
Tgt Ion:168 Resp: 222613
Ion Ratio Lower Upper
168 100
99 52.1 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 22.398 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 85 Resp: 47571
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.2

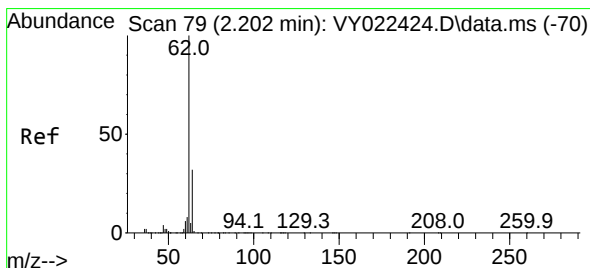
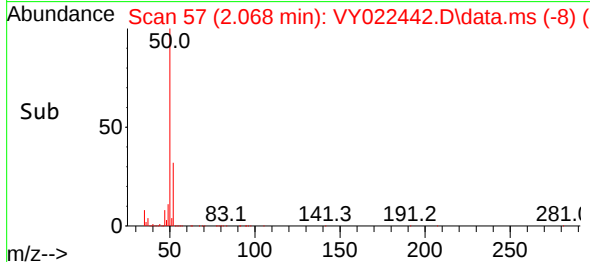
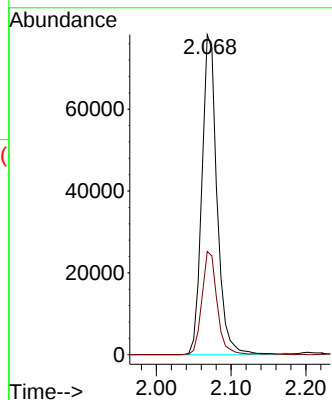
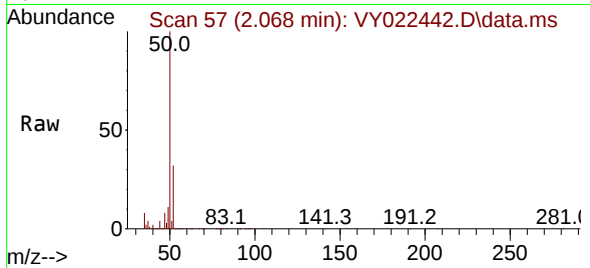




#3
Chloromethane
Concen: 21.059 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

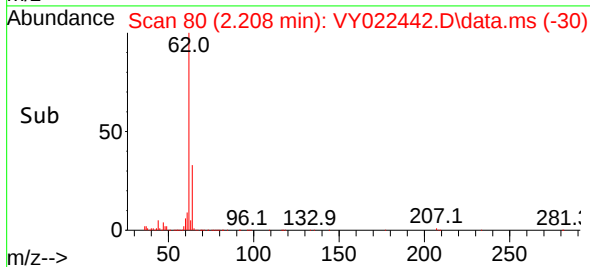
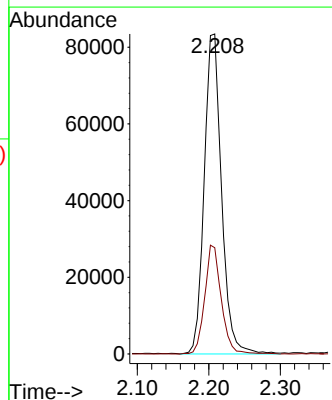
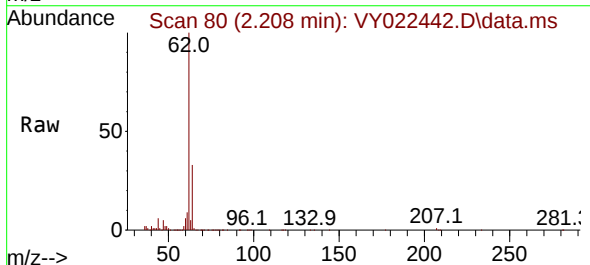
Instrument :
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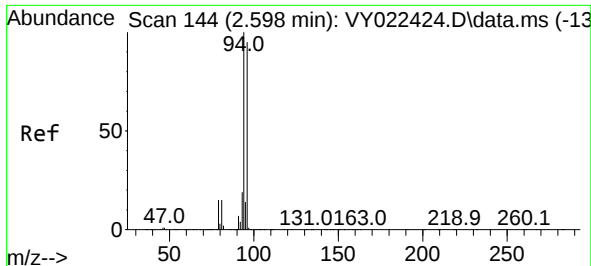
Tgt Ion: 50 Resp: 110018
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3



#4
Vinyl Chloride
Concen: 22.194 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 62 Resp: 140860
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0

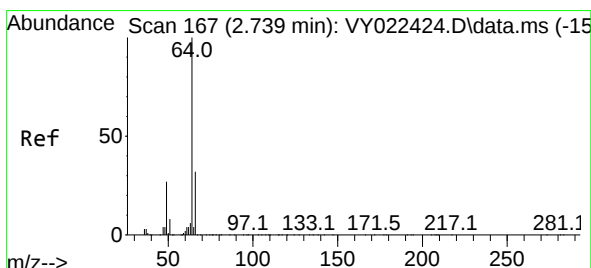
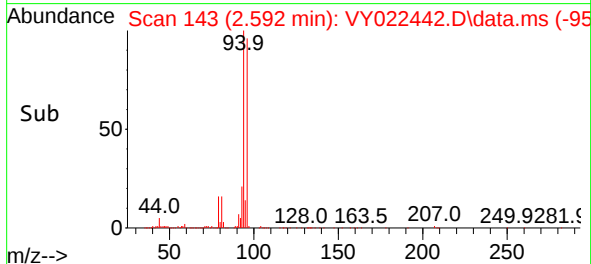
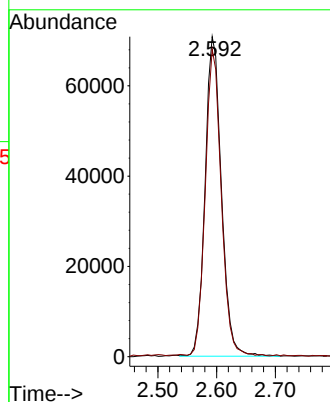
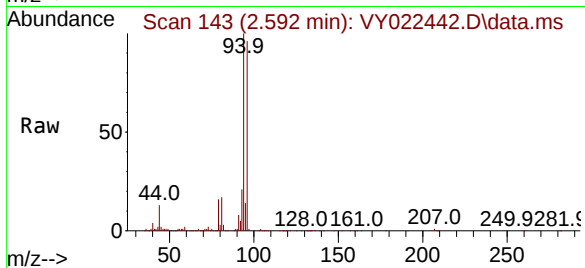




#5
Bromomethane
Concen: 23.653 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022442.D
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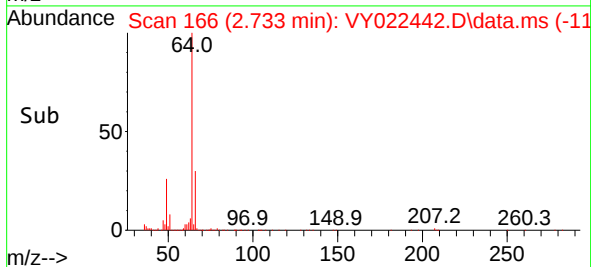
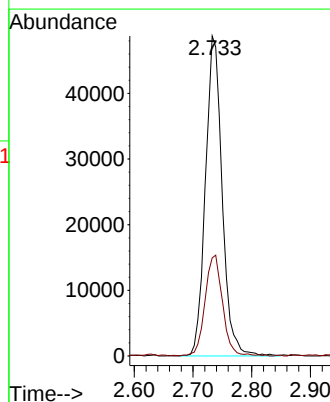
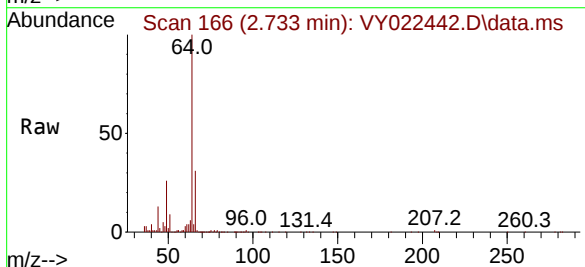
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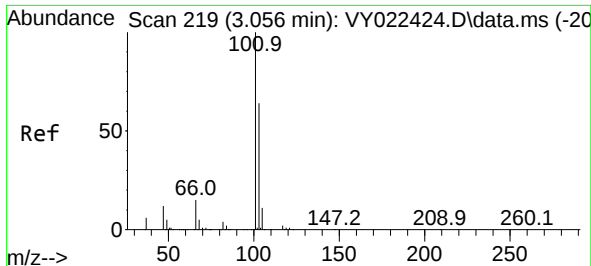
Tgt Ion: 94 Resp: 136418
Ion Ratio Lower Upper
94 100
96 95.9 76.0 114.0



#6
Chloroethane
Concen: 23.260 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022442.D
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Tgt Ion: 64 Resp: 96467
Ion Ratio Lower Upper
64 100
66 30.5 25.9 38.9

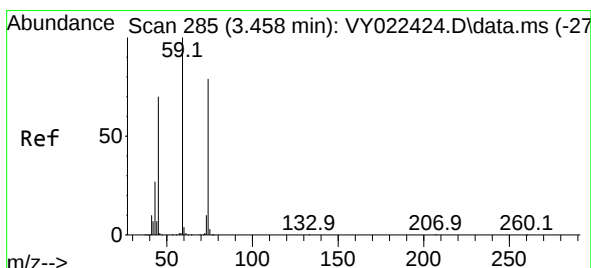
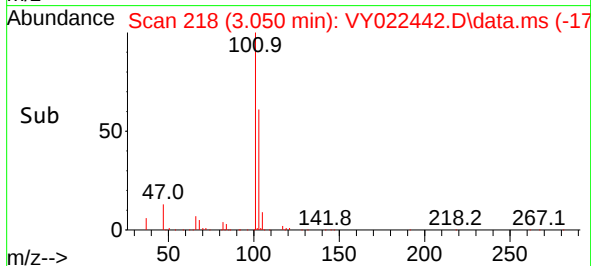
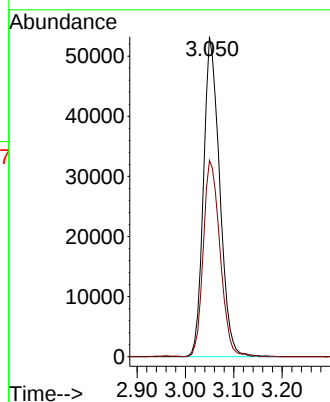
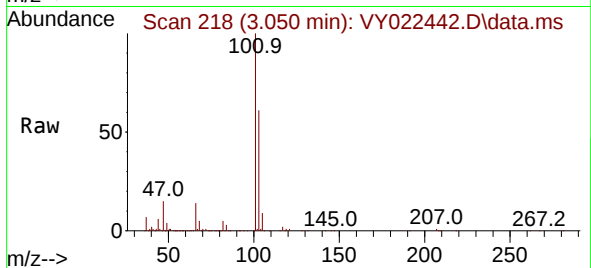




#7
 Trichlorofluoromethane
 Concen: 23.101 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022442.D
 Acq: 28 May 2025 10:26

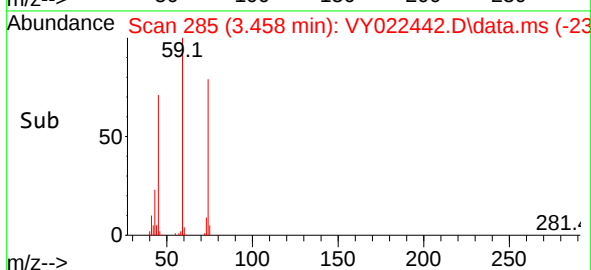
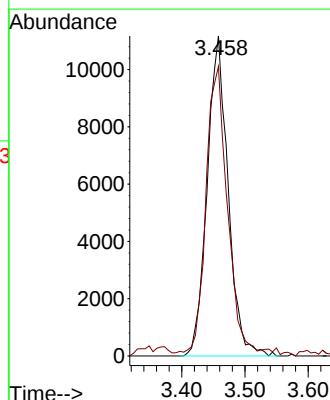
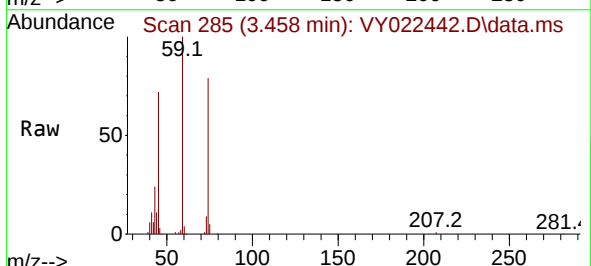
Instrument :
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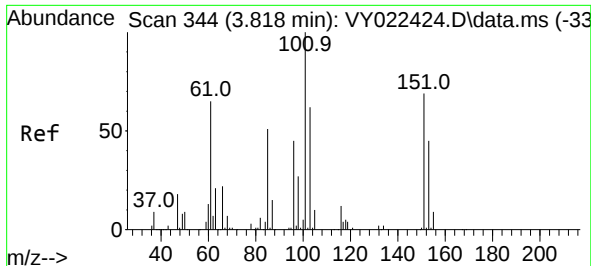
Tgt Ion:101 Resp: 123701
 Ion Ratio Lower Upper
 101 100
 103 61.3 50.9 76.3



#8
 Diethyl Ether
 Concen: 20.827 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY022442.D
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Tgt Ion: 74 Resp: 25715
 Ion Ratio Lower Upper
 74 100
 45 90.1 44.9 134.5

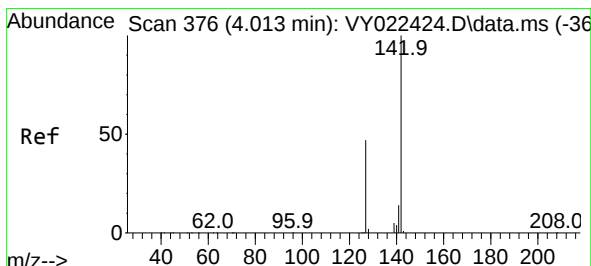
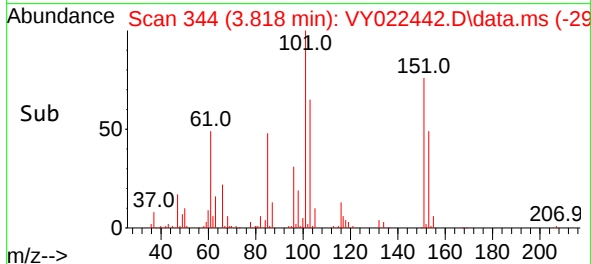
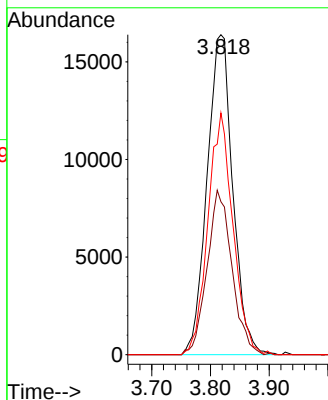
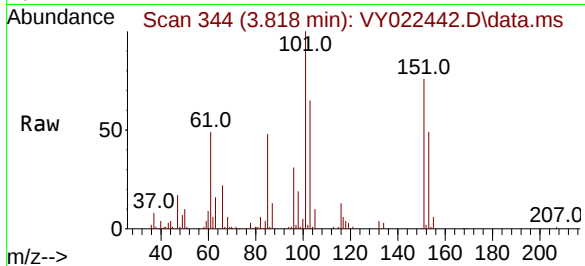




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.238 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

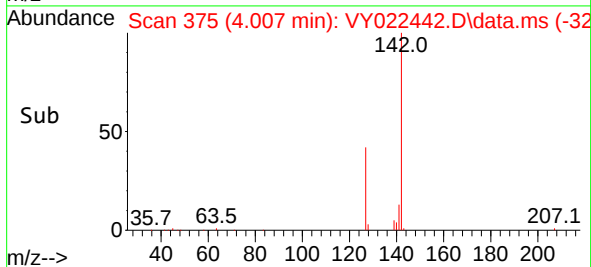
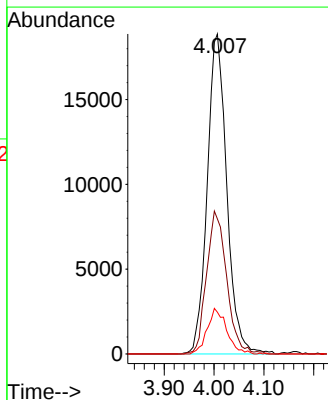
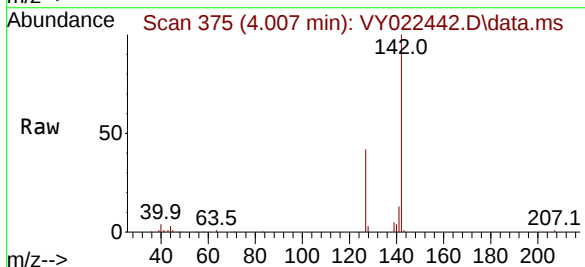
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

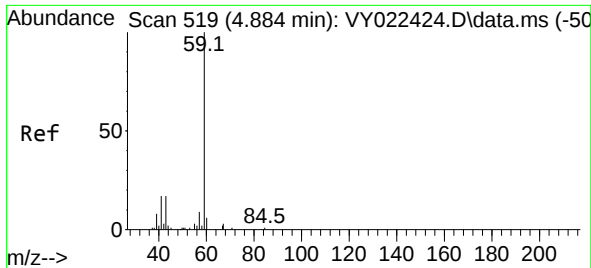
Tgt Ion:101 Resp: 49894
Ion Ratio Lower Upper
101 100
85 49.6 39.2 58.8
151 73.6 58.8 88.2



#10
Methyl Iodide
Concen: 19.380 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion:142 Resp: 51365
Ion Ratio Lower Upper
142 100
127 46.1 36.2 54.4
141 14.2 11.6 17.4

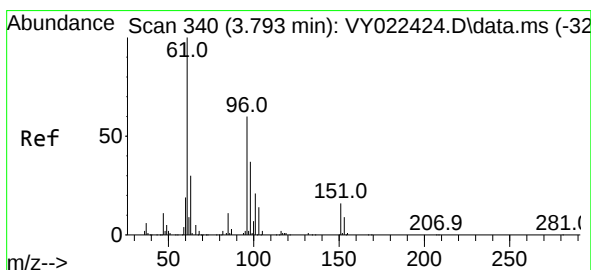
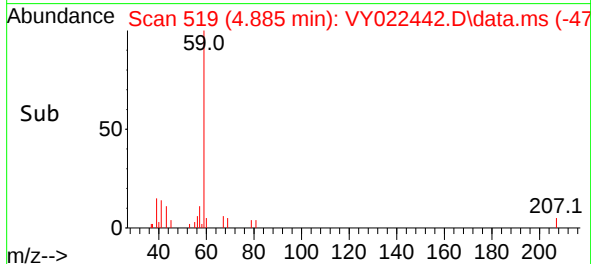
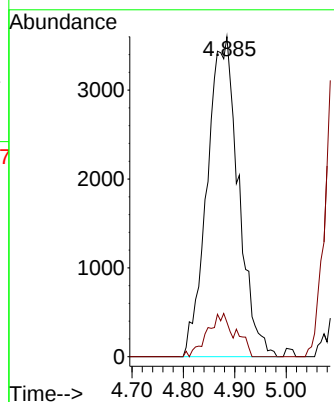
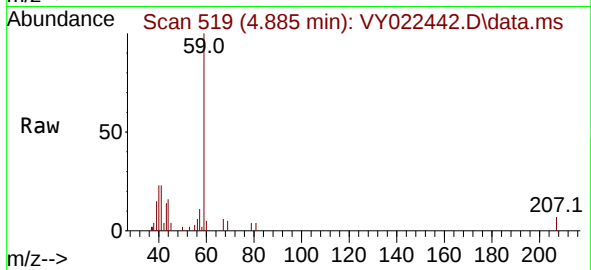




#11
Tert butyl alcohol
Concen: 91.821 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

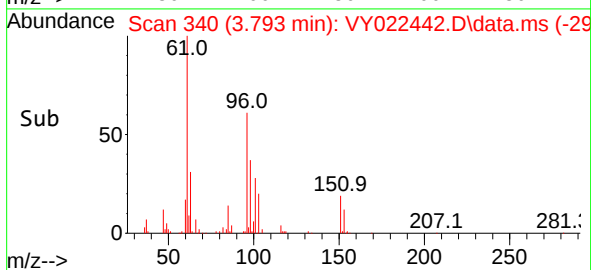
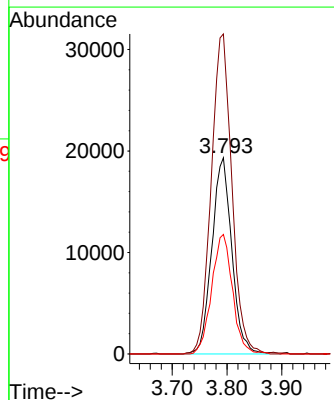
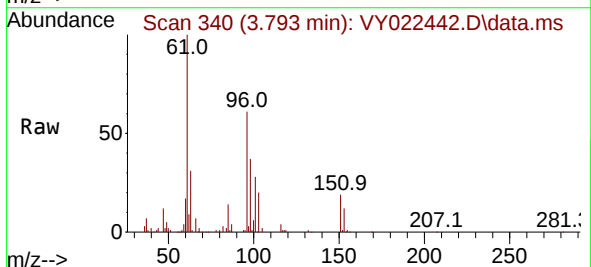
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

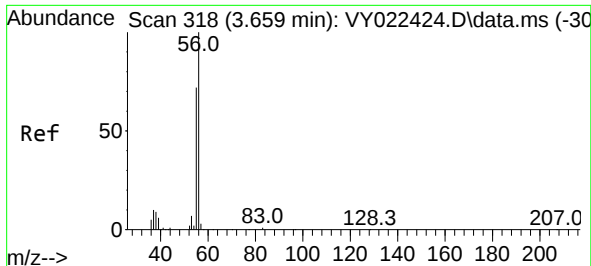
Tgt Ion: 59 Resp: 15176
Ion Ratio Lower Upper
59 100
57 9.5 9.1 13.7



#12
1,1-Dichloroethene
Concen: 21.003 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 96 Resp: 48986
Ion Ratio Lower Upper
96 100
61 163.1 134.1 201.1
98 60.9 50.2 75.2





#13

Acrolein

Concen: 90.245 ug/l

RT: 3.659 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

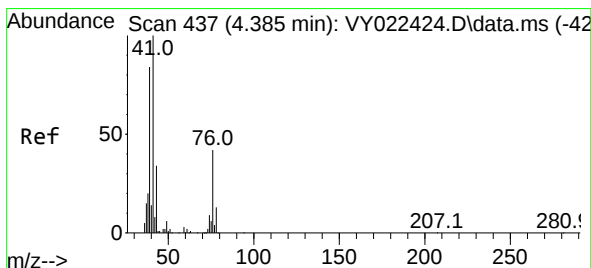
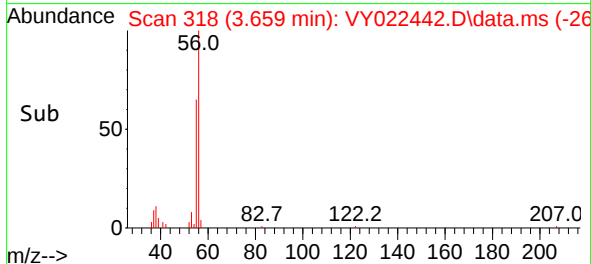
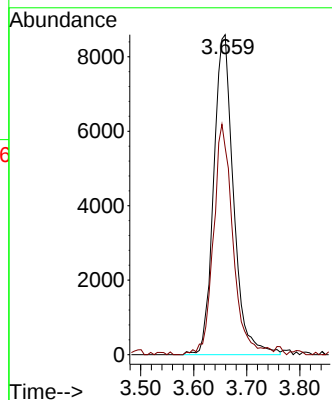
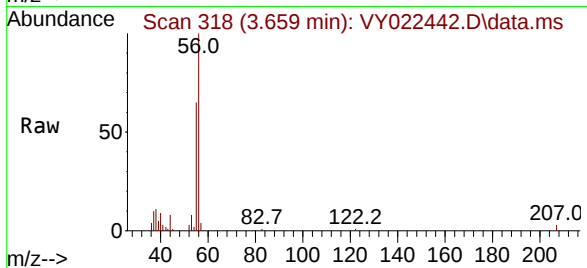
VY0528SBS01

Tgt Ion: 56 Resp: 22349

Ion Ratio Lower Upper

56 100

55 70.9 56.5 84.7



#14

Allyl chloride

Concen: 20.914 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

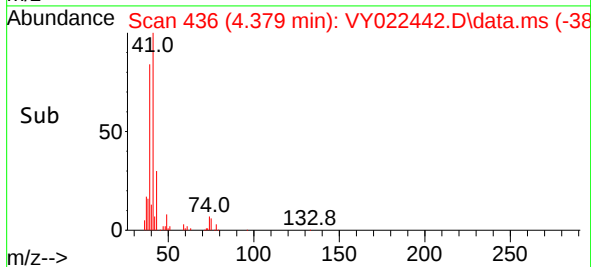
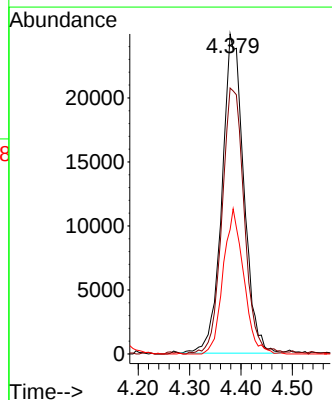
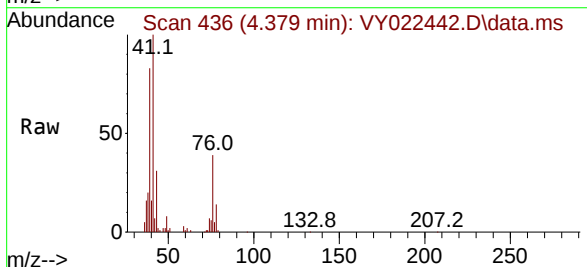
Tgt Ion: 41 Resp: 73376

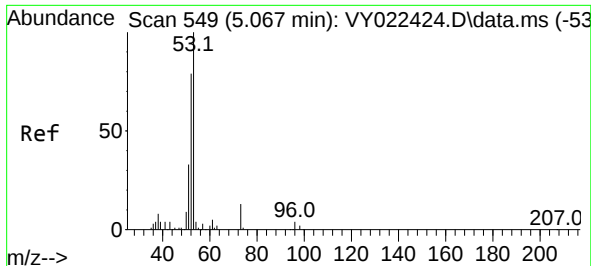
Ion Ratio Lower Upper

41 100

39 85.2 66.6 100.0

76 42.8 33.7 50.5

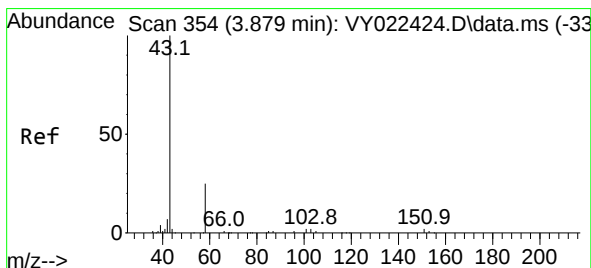
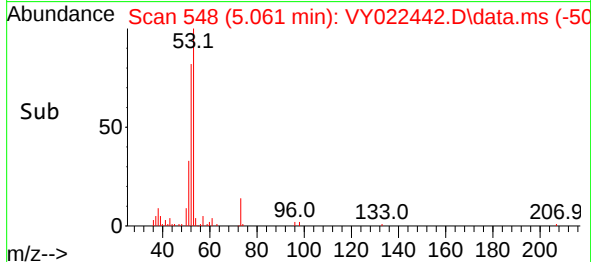
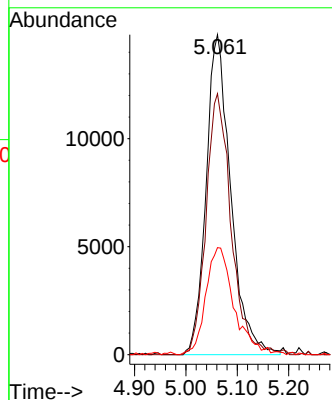
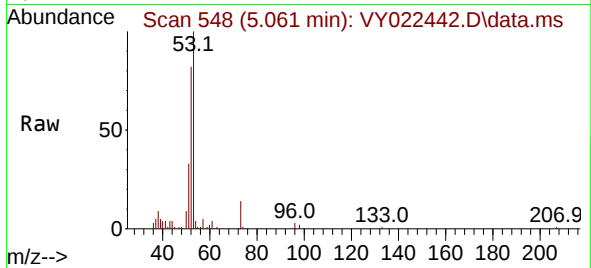




#15
Acrylonitrile
Concen: 99.358 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

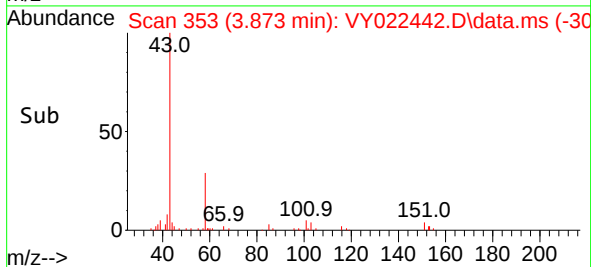
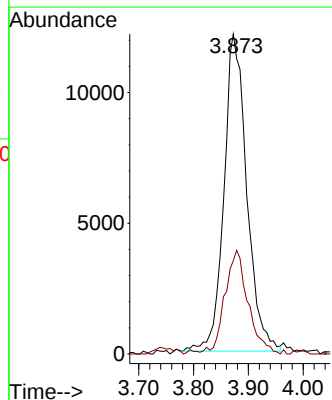
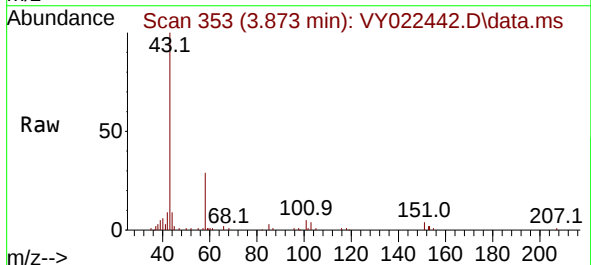
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

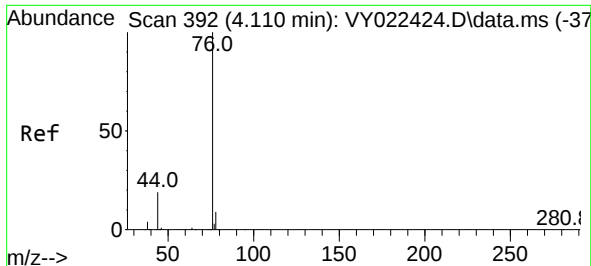
Tgt Ion: 53 Resp: 49448
Ion Ratio Lower Upper
53 100
52 82.4 65.1 97.7
51 38.0 30.0 45.0



#16
Acetone
Concen: 91.091 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 43 Resp: 35098
Ion Ratio Lower Upper
43 100
58 29.5 20.6 30.8

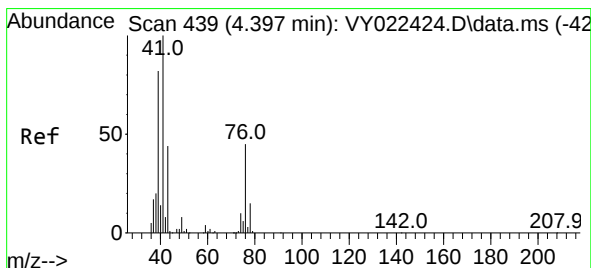
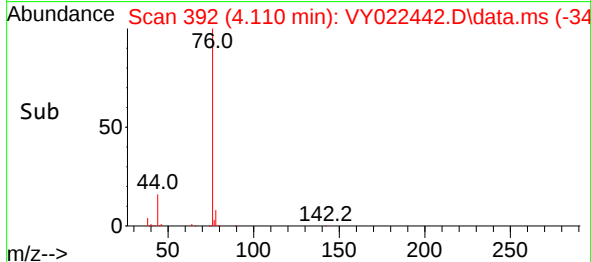
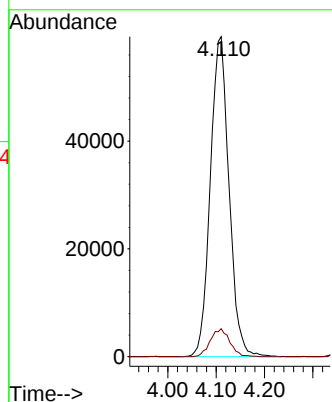
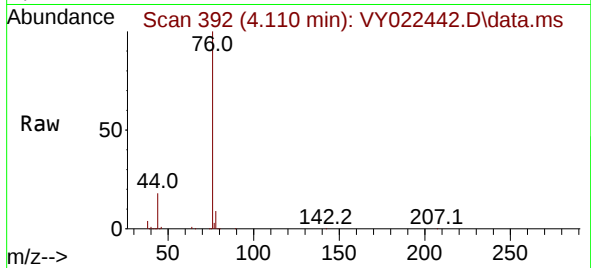




#17
Carbon Disulfide
Concen: 21.414 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

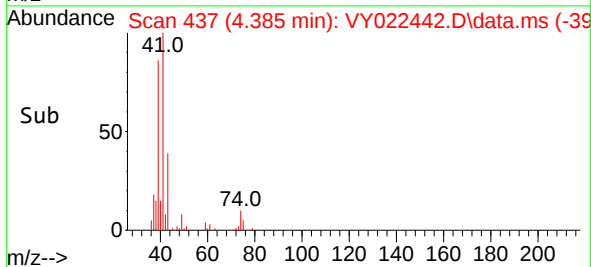
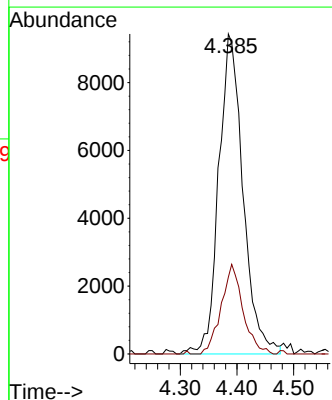
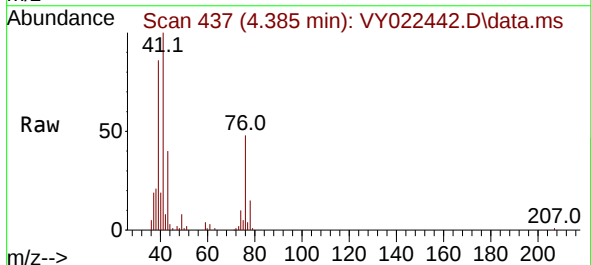
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

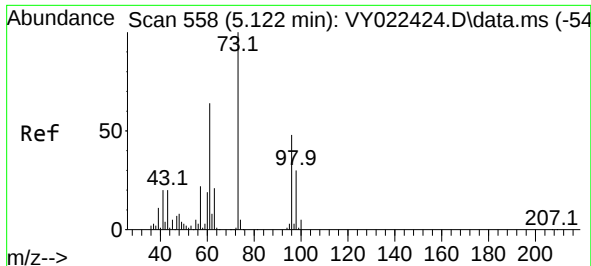
Tgt Ion: 76 Resp: 159383
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 19.429 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 43 Resp: 28043
Ion Ratio Lower Upper
43 100
74 25.1 21.2 31.8

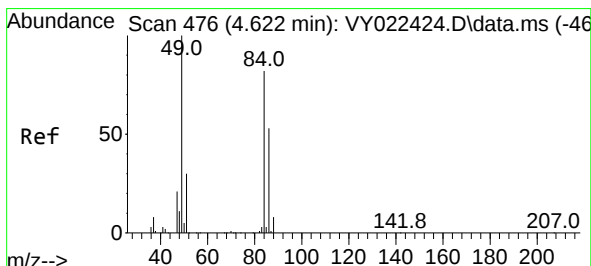
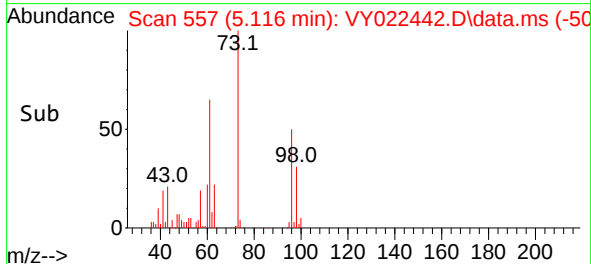
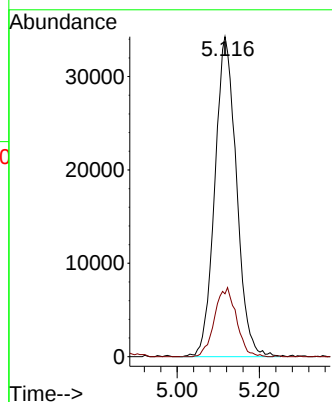
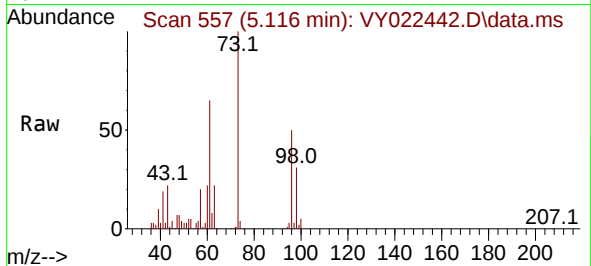




#19
Methyl tert-butyl Ether
Concen: 20.242 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

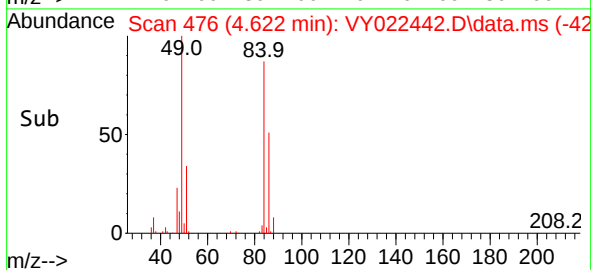
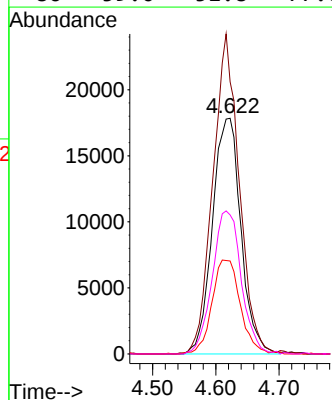
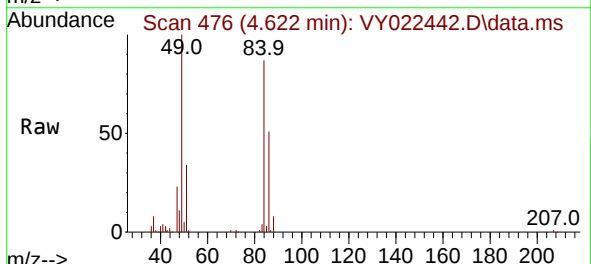
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

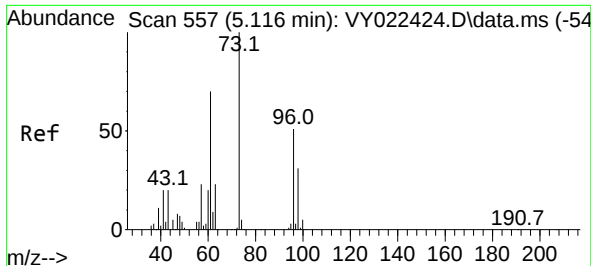
Tgt Ion: 73 Resp: 125340
Ion Ratio Lower Upper
73 100
57 19.6 17.7 26.5



#20
Methylene Chloride
Concen: 20.481 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 84 Resp: 55726
Ion Ratio Lower Upper
84 100
49 115.0 97.8 146.8
51 39.4 29.5 44.3
86 59.0 51.8 77.6

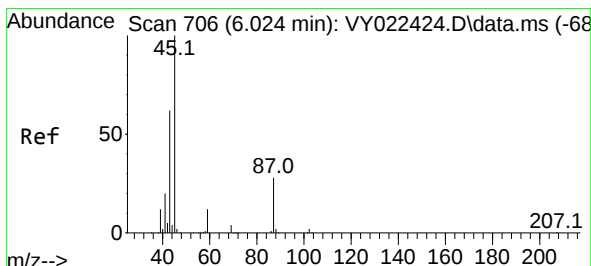
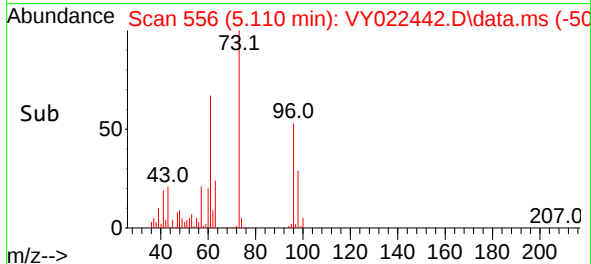
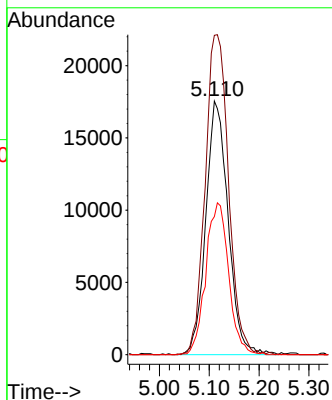
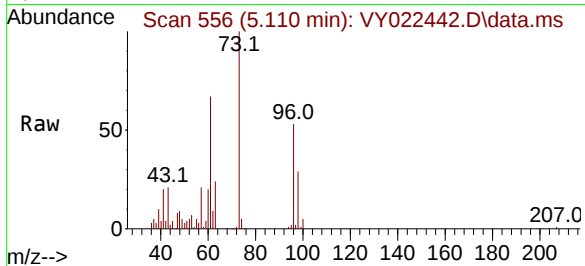




#21
trans-1,2-Dichloroethene
Concen: 21.423 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

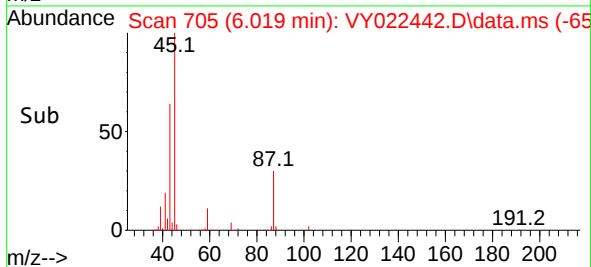
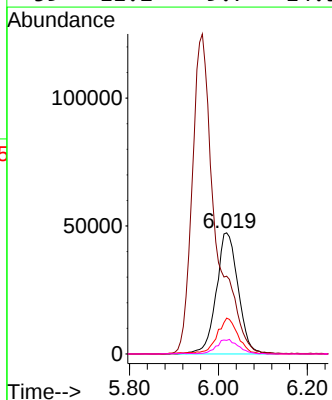
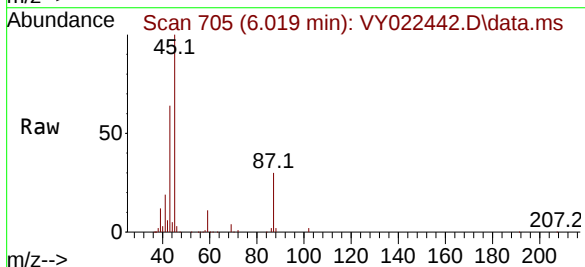
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

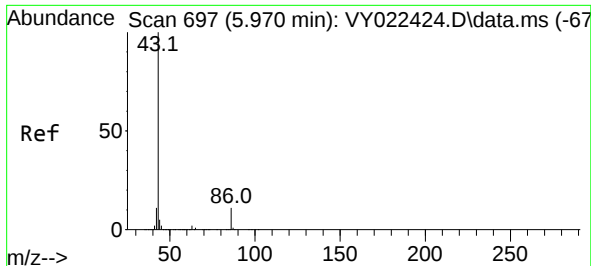
Tgt Ion: 96 Resp: 54548
Ion Ratio Lower Upper
96 100
61 125.7 110.4 165.6
98 54.5 48.6 73.0



#22
Diisopropyl ether
Concen: 20.833 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 45 Resp: 161312
Ion Ratio Lower Upper
45 100
43 63.4 49.8 74.8
87 29.5 23.0 34.6
59 11.2 9.7 14.5

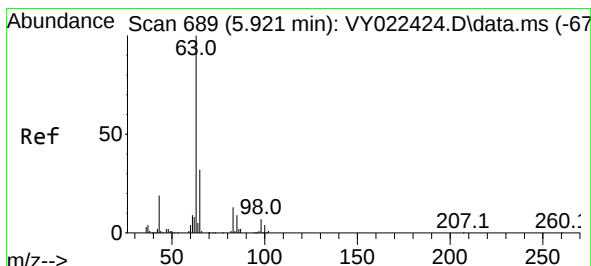
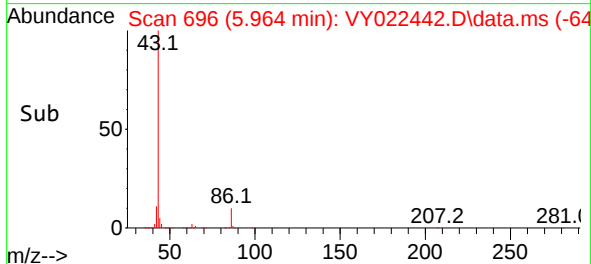
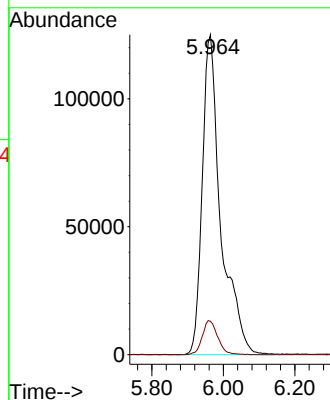
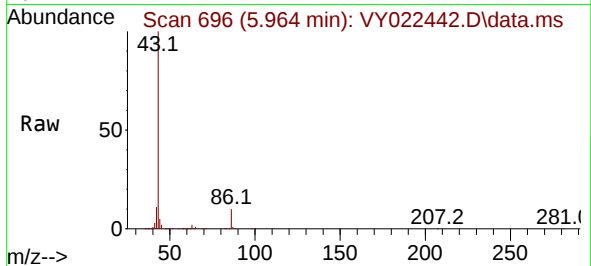




#23
 Vinyl Acetate
 Concen: 101.407 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022442.D
 Acq: 28 May 2025 10:26

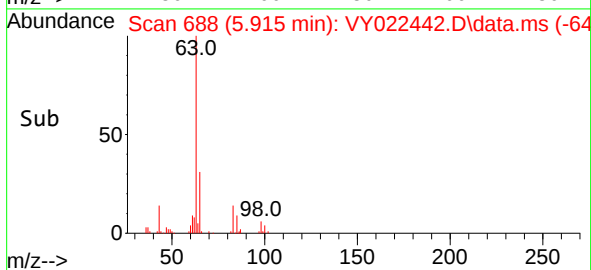
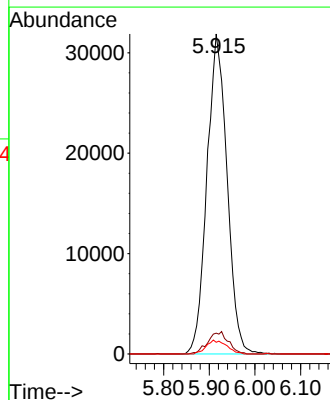
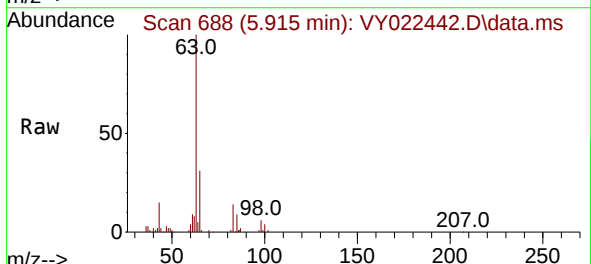
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

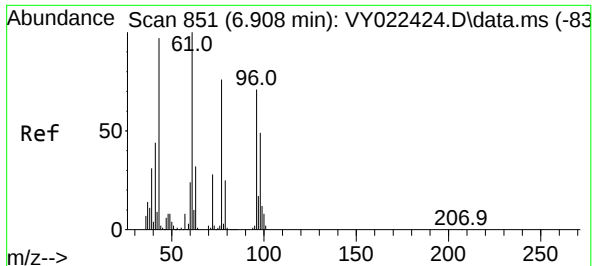
Tgt Ion: 43 Resp: 450862
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 21.262 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022442.D
 Acq: 28 May 2025 10:26

Tgt Ion: 63 Resp: 97283
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 95.283 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

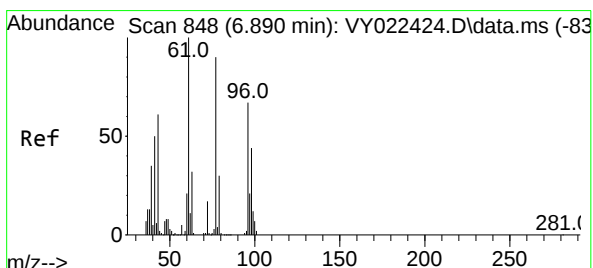
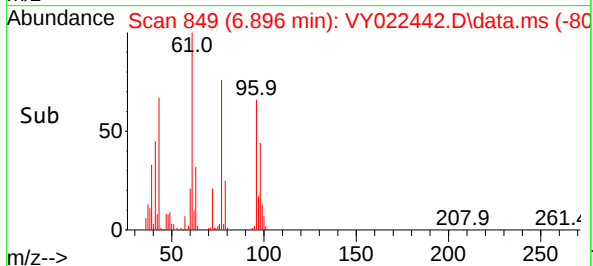
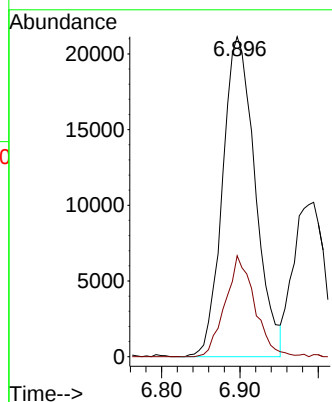
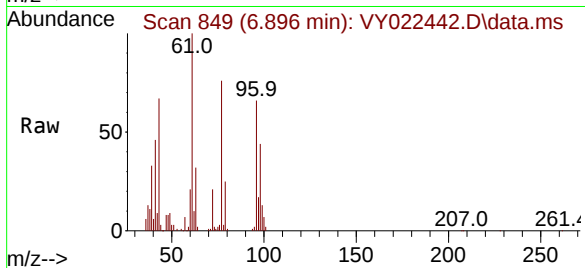
VY0528SBS01

Tgt Ion: 43 Resp: 61143

Ion Ratio Lower Upper

43 100

72 31.6 22.8 34.2



#26

2,2-Dichloropropane

Concen: 20.489 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022442.D

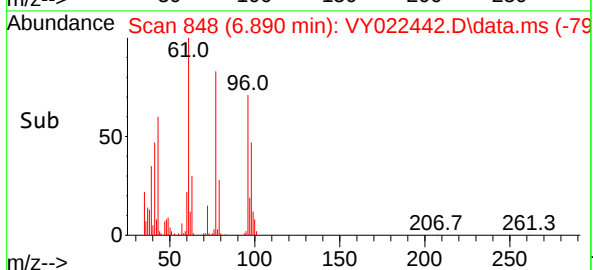
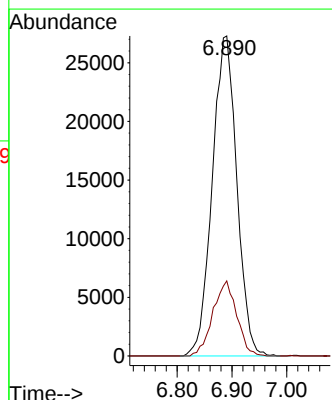
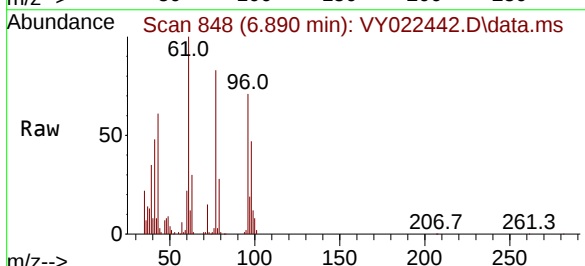
Acq: 28 May 2025 10:26

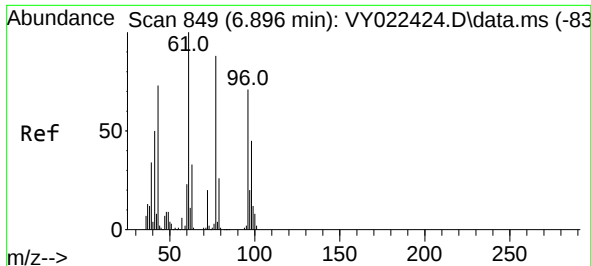
Tgt Ion: 77 Resp: 84887

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.7

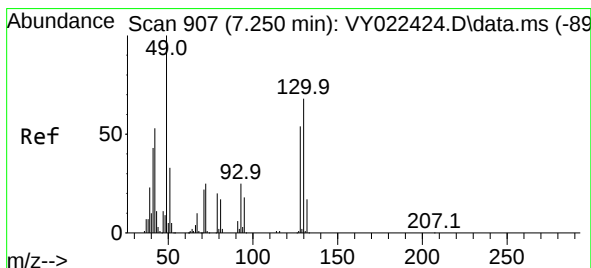
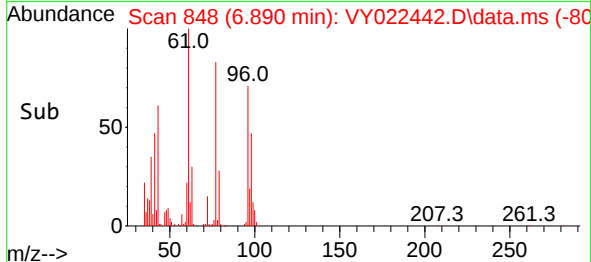
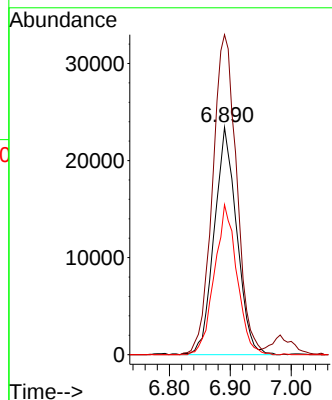
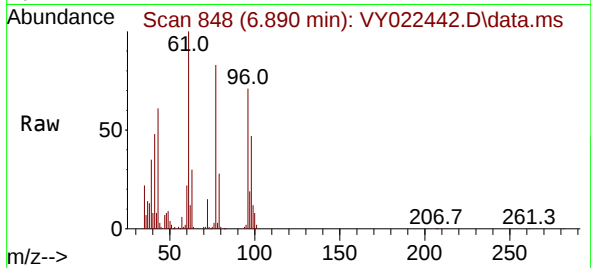




#27
 cis-1,2-Dichloroethene
 Concen: 20.412 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY022442.D
 Acq: 28 May 2025 10:26

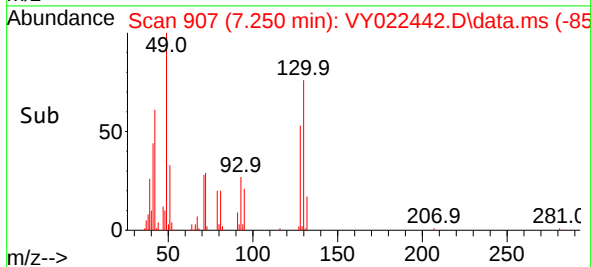
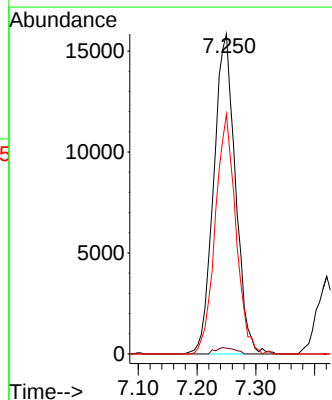
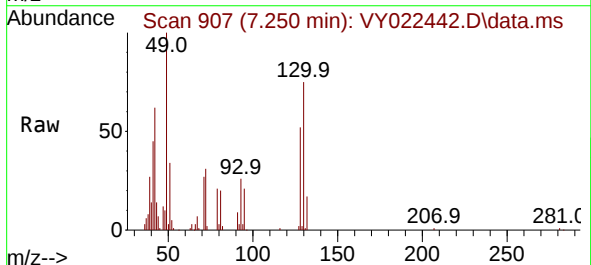
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

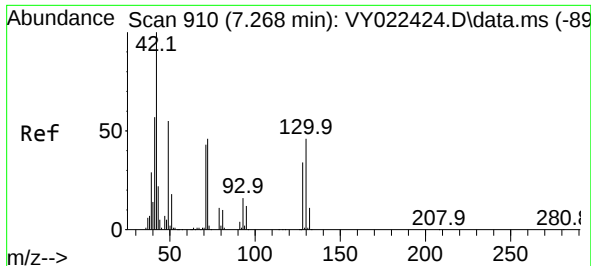
Tgt Ion: 96 Resp: 60169
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 292.0
 98 66.1 0.0 131.0



#28
 Bromochloromethane
 Concen: 21.315 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY022442.D
 Acq: 28 May 2025 10:26

Tgt Ion: 49 Resp: 40724
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 70.8 56.9 85.3





#29

Tetrahydrofuran

Concen: 95.001 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

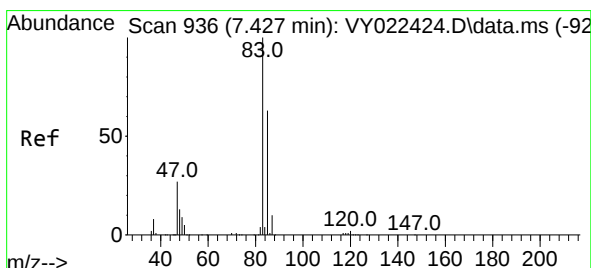
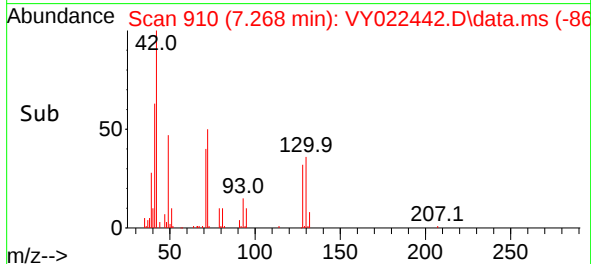
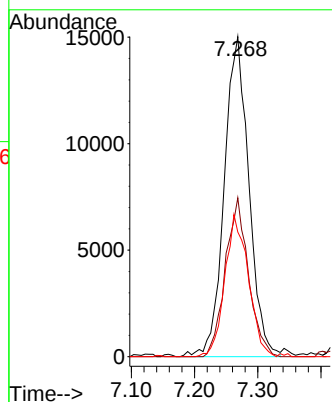
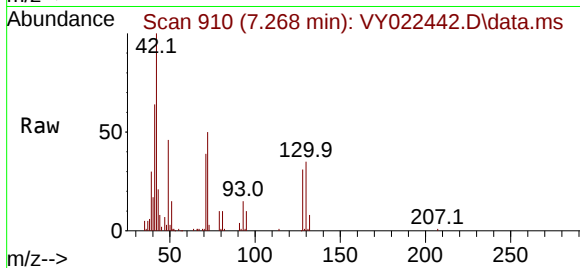
Tgt Ion: 42 Resp: 40657

Ion Ratio Lower Upper

42 100

72 46.5 37.7 56.5

71 42.3 34.7 52.1



#30

Chloroform

Concen: 21.552 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022442.D

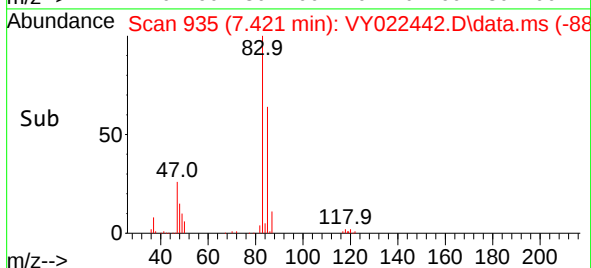
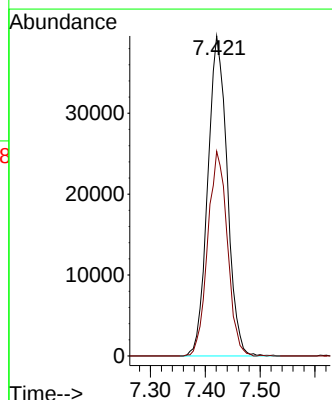
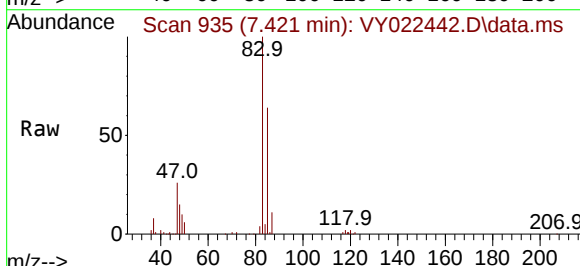
Acq: 28 May 2025 10:26

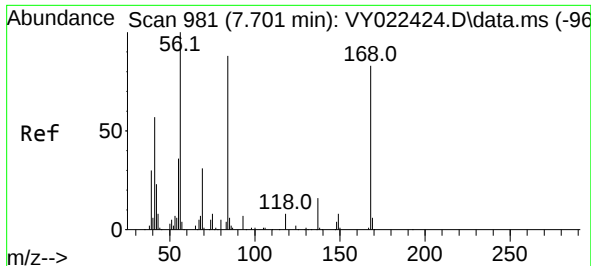
Tgt Ion: 83 Resp: 97167

Ion Ratio Lower Upper

83 100

85 63.9 50.1 75.1

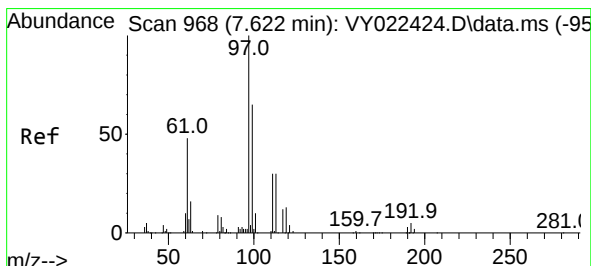
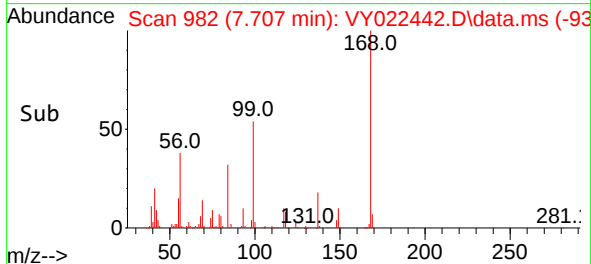
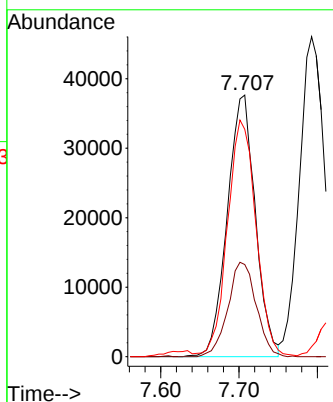
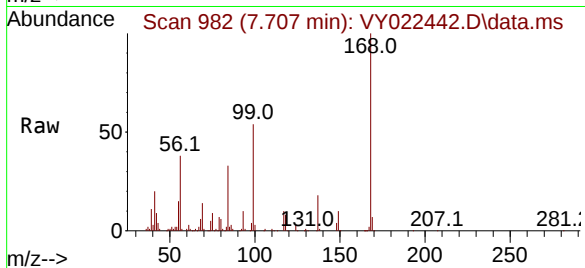




#31
Cyclohexane
Concen: 20.801 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

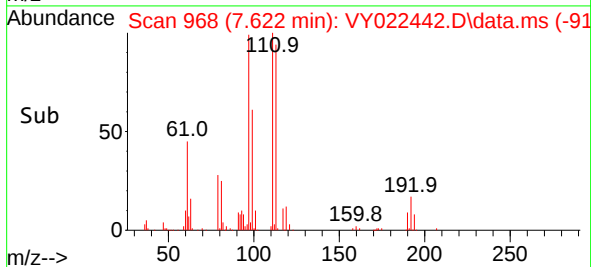
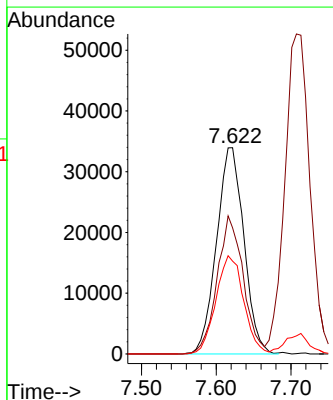
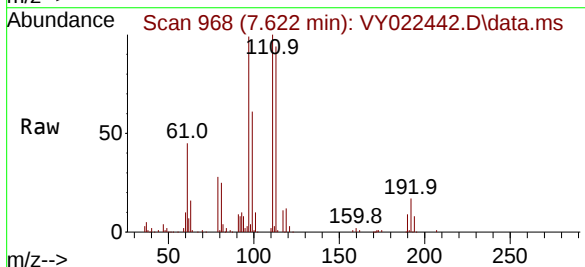
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

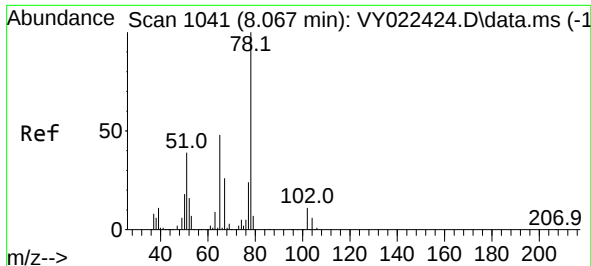
Tgt Ion: 56 Resp: 93817
Ion Ratio Lower Upper
56 100
69 35.2 24.6 36.8
84 85.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 21.129 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 97 Resp: 86455
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 48.1 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 51.138 ug/l

RT: 8.061 min Scan# 119909

Delta R.T. -0.006 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

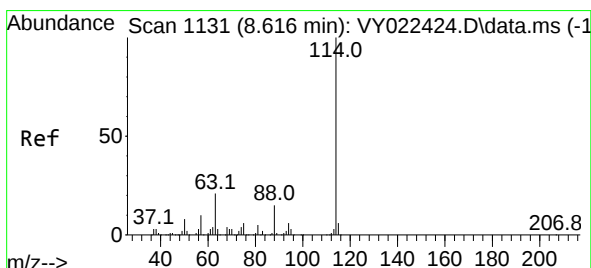
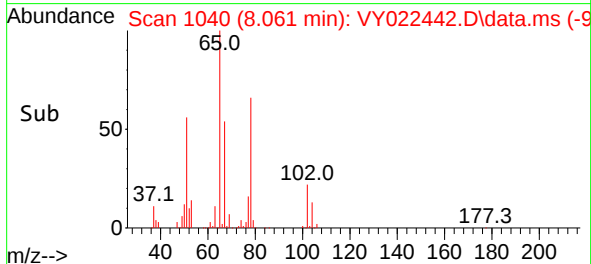
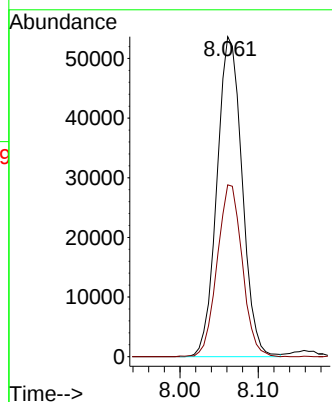
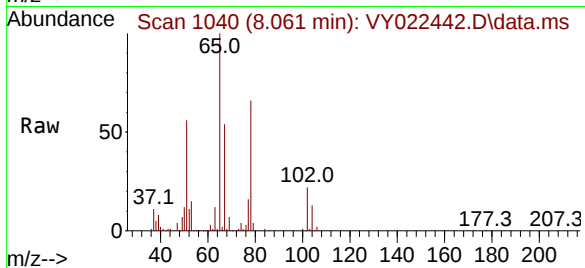
VY0528SBS01

Tgt Ion: 65 Resp: 119909

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

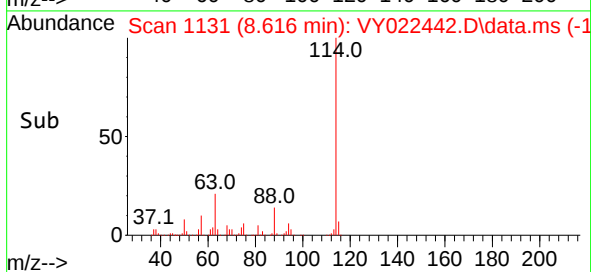
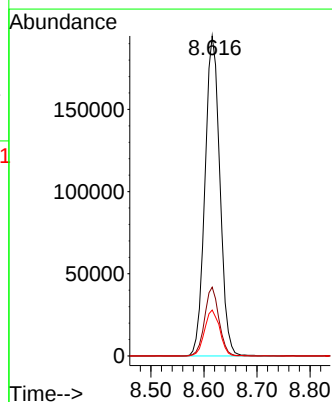
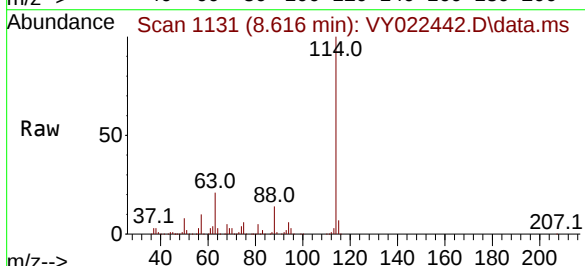
Tgt Ion: 114 Resp: 379845

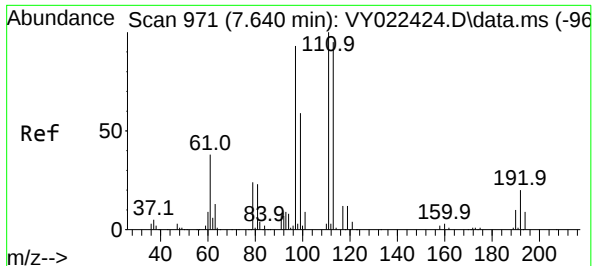
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 14.3 0.0 29.4

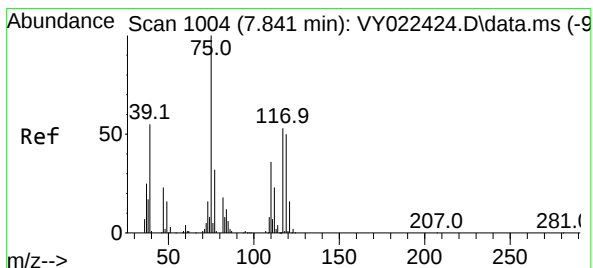
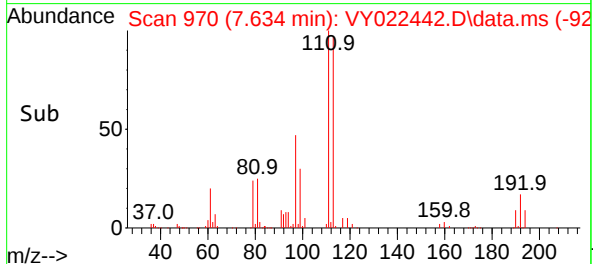
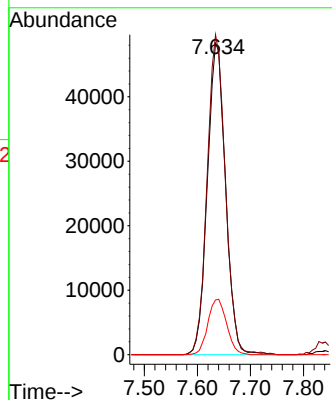
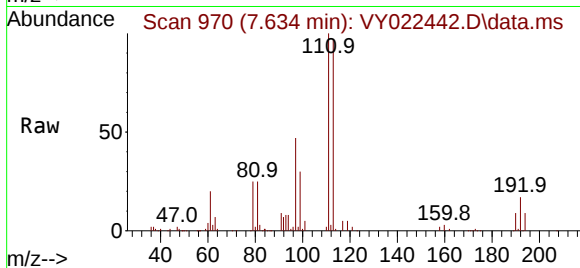




#35
Dibromofluoromethane
Concen: 51.828 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

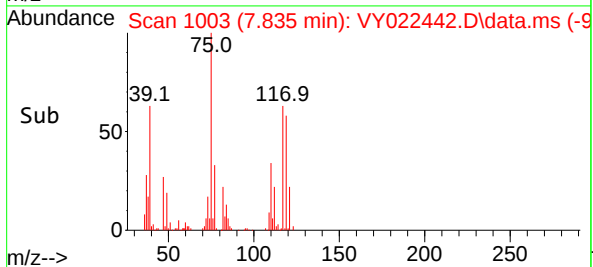
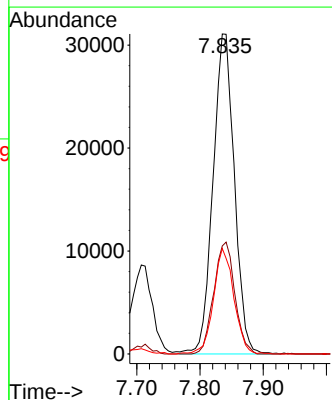
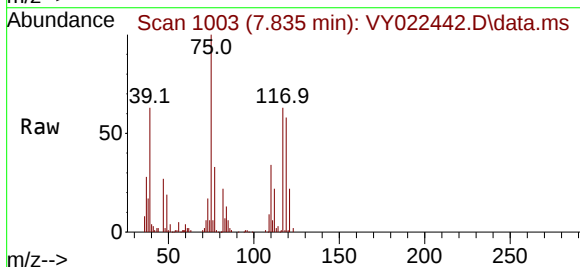
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

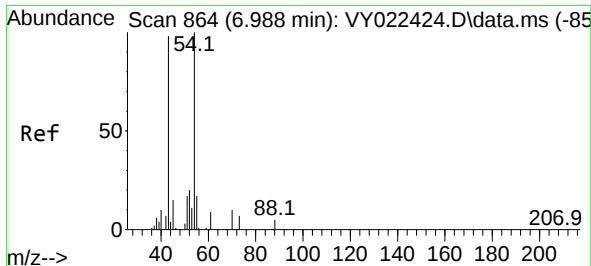
Tgt Ion:113 Resp: 115291
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 18.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.603 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 75 Resp: 72726
Ion Ratio Lower Upper
75 100
110 34.5 17.1 51.2
77 31.6 25.1 37.7

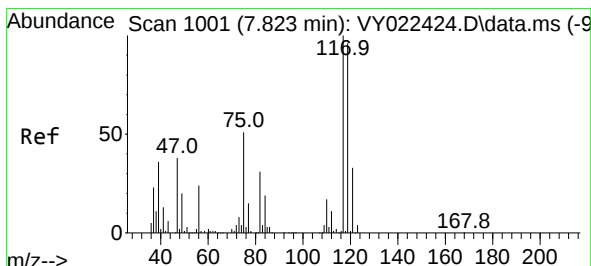
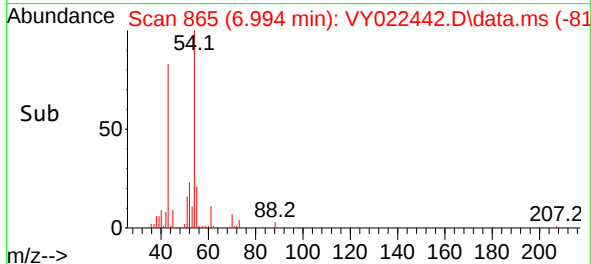
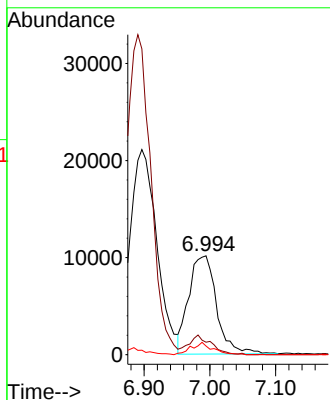
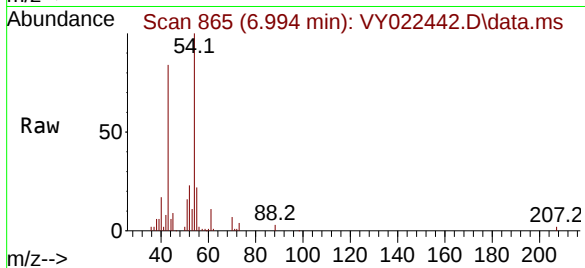




#37
Ethyl Acetate
Concen: 19.857 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

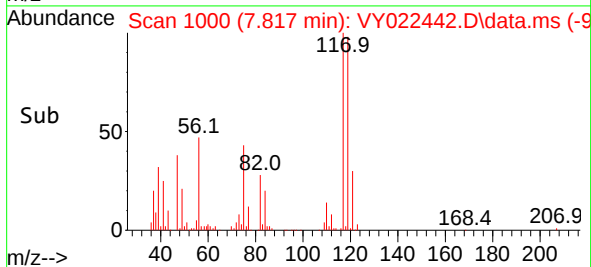
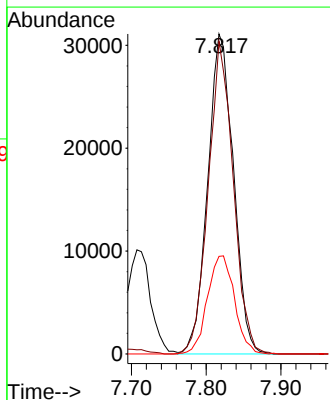
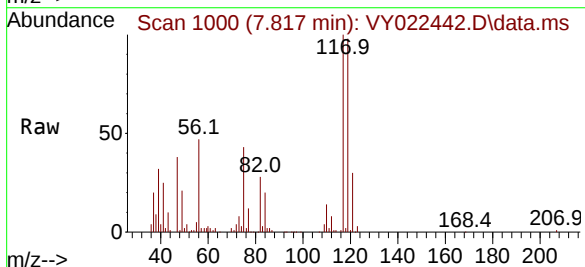
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

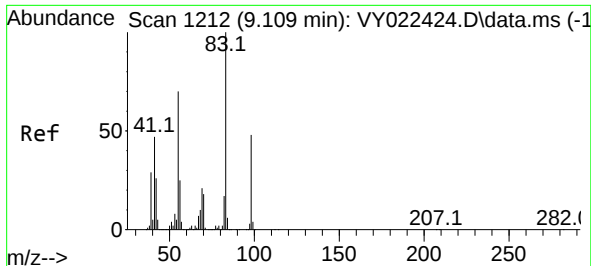
Tgt Ion: 43 Resp: 29788
Ion Ratio Lower Upper
43 100
61 16.3 11.7 17.5
70 9.5 7.8 11.6



#38
Carbon Tetrachloride
Concen: 20.257 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 117 Resp: 74487
Ion Ratio Lower Upper
117 100
119 97.7 76.3 114.5
121 30.5 26.1 39.1





#39

Methylcyclohexane

Concen: 20.183 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

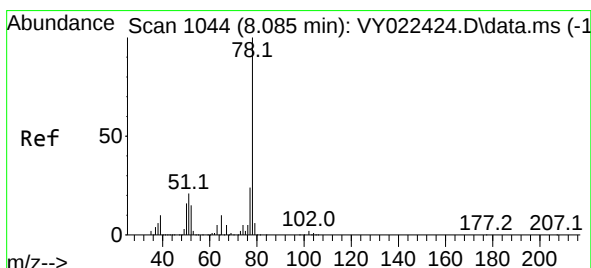
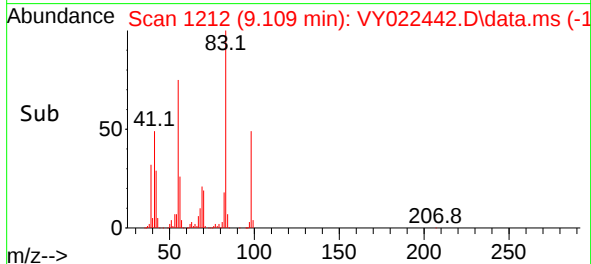
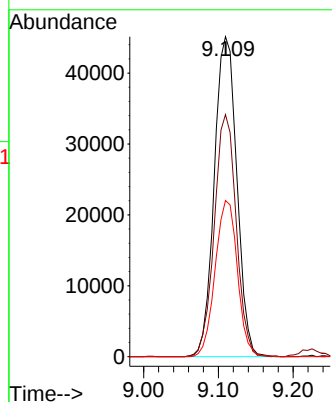
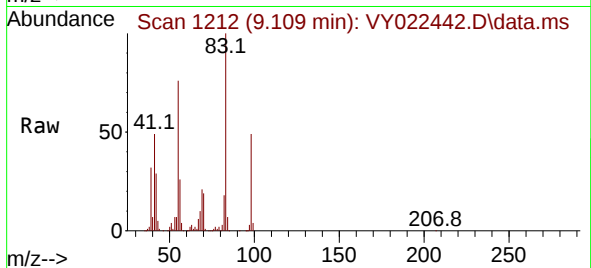
Tgt Ion: 83 Resp: 94704

Ion Ratio Lower Upper

83 100

55 75.6 56.2 84.2

98 48.8 38.4 57.6



#40

Benzene

Concen: 20.805 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022442.D

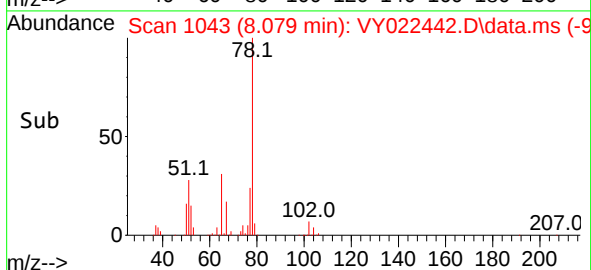
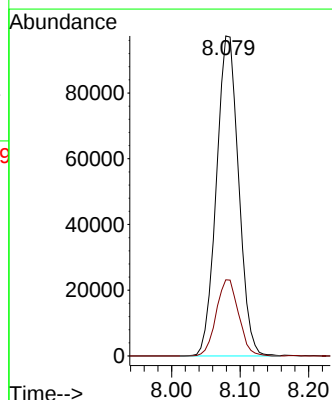
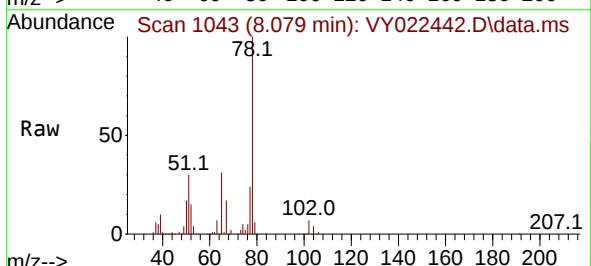
Acq: 28 May 2025 10:26

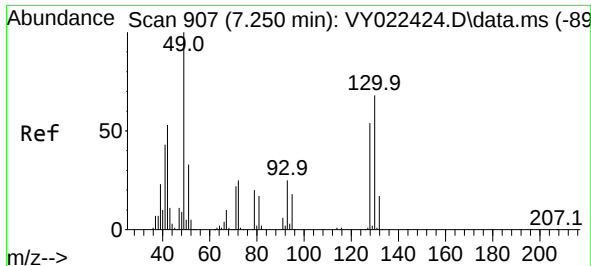
Tgt Ion: 78 Resp: 218521

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.2

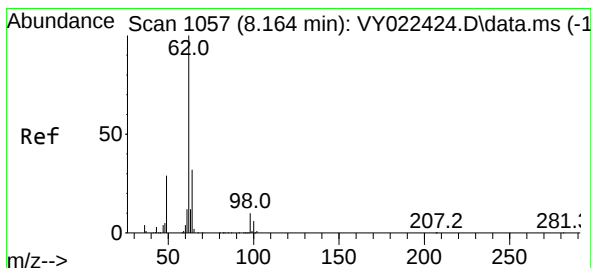
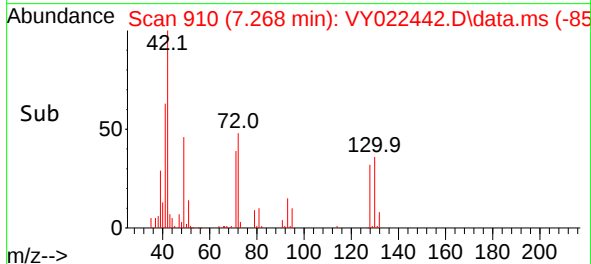
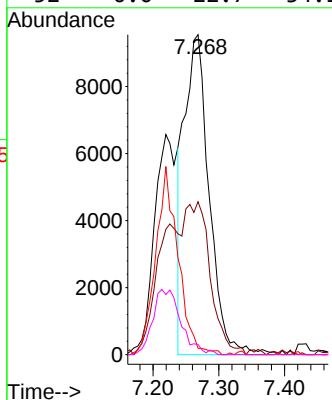
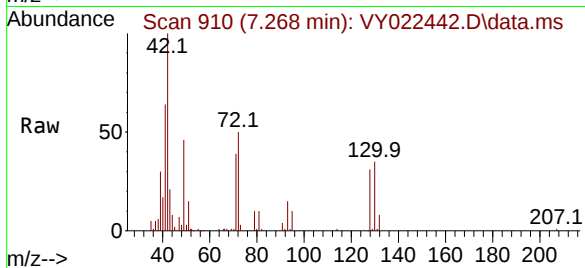




#41
Methacrylonitrile
Concen: 27.656 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

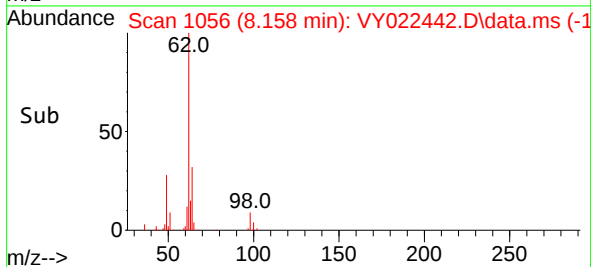
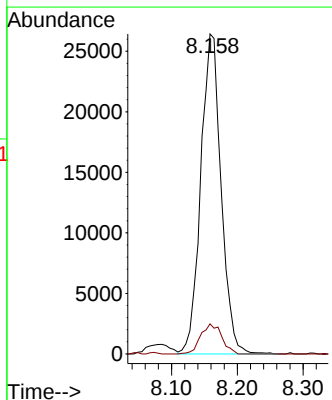
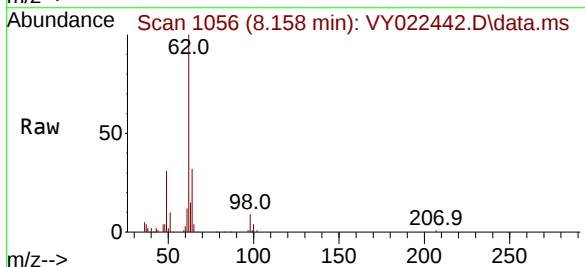
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

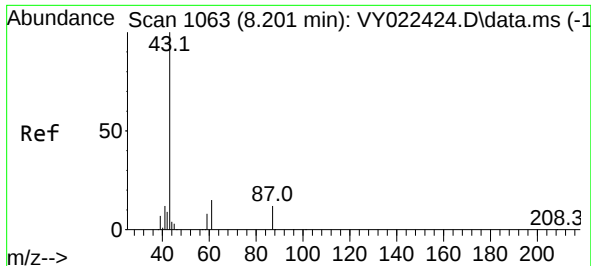
Tgt Ion:	41	Resp:	25181
Ion	Ratio	Lower	Upper
41	100		
39	47.4	40.4	60.6
67	0.0	53.0	79.4#
52	0.0	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 20.522 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion:	62	Resp:	56928
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.4

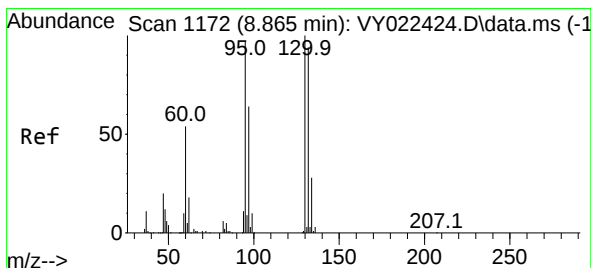
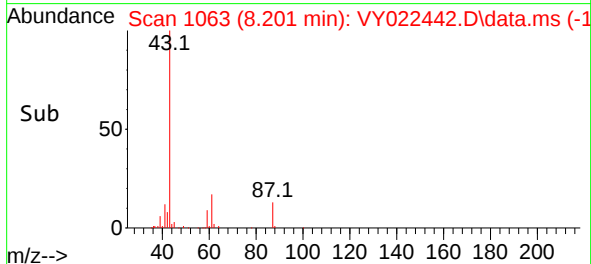
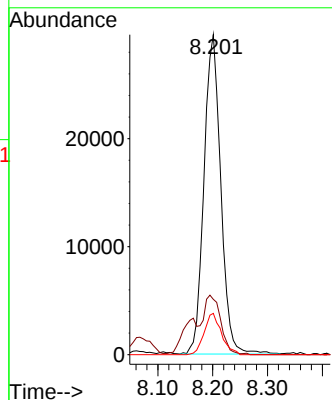
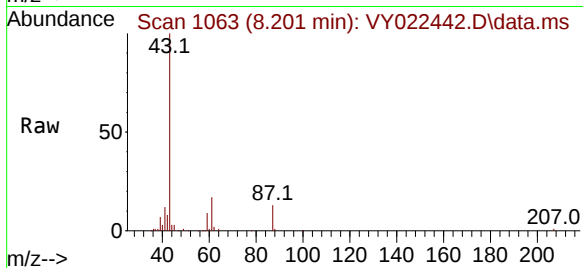




#43
Isopropyl Acetate
Concen: 19.242 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

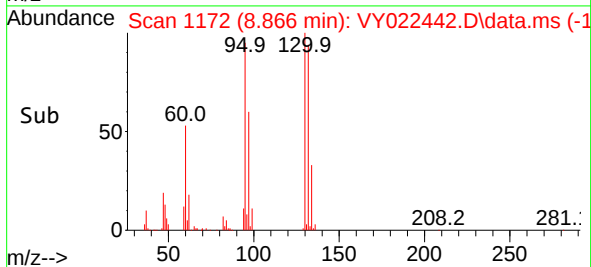
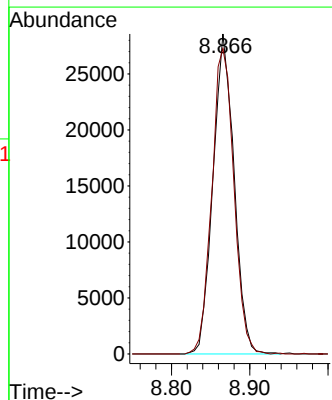
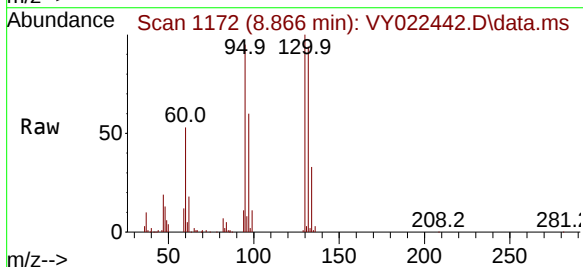
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

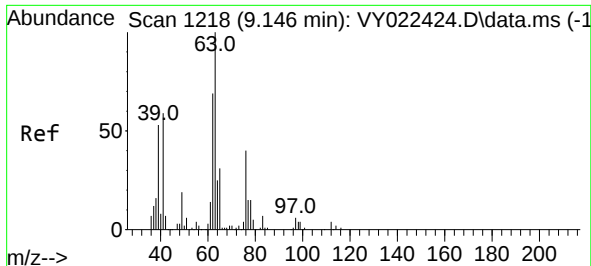
Tgt Ion: 43 Resp: 63076
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0
87 13.2 10.6 15.8



#44
Trichloroethene
Concen: 20.568 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion:130 Resp: 53405
Ion Ratio Lower Upper
130 100
95 95.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.375 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

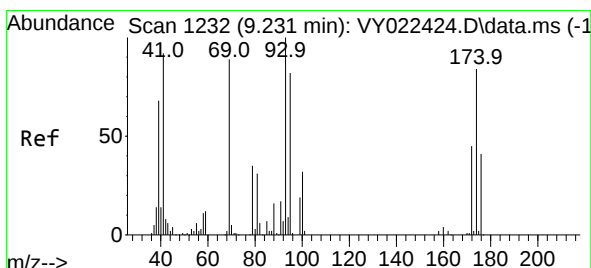
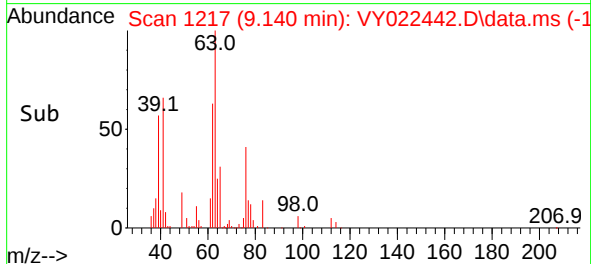
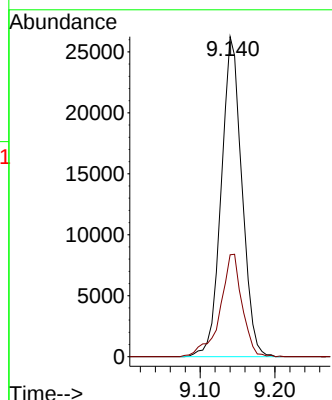
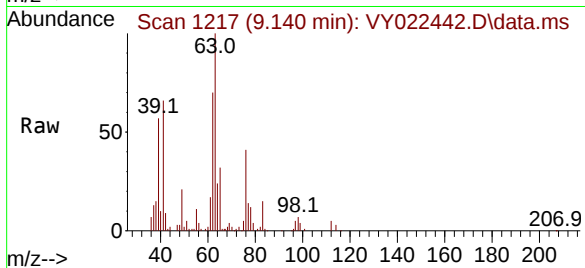
VY0528SBS01

Tgt Ion: 63 Resp: 50282

Ion Ratio Lower Upper

63 100

65 31.9 25.1 37.7



#46

Dibromomethane

Concen: 19.746 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

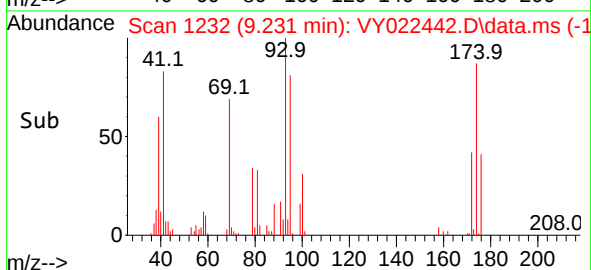
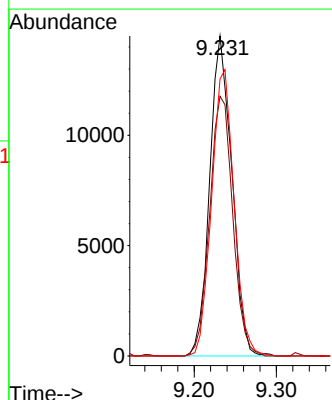
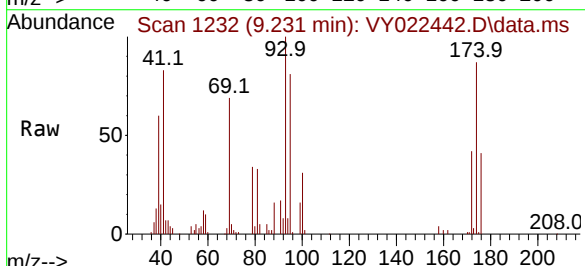
Tgt Ion: 93 Resp: 27222

Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.2

174 90.7 71.1 106.7

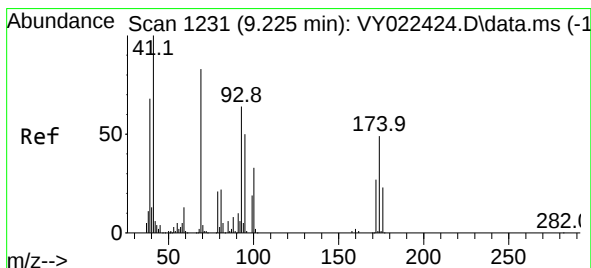
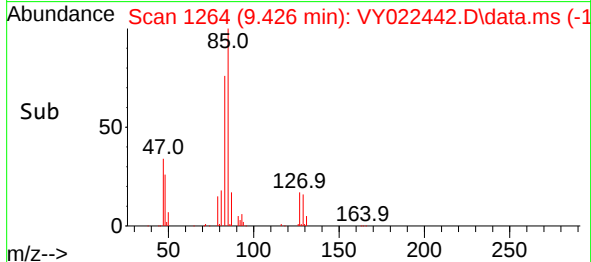
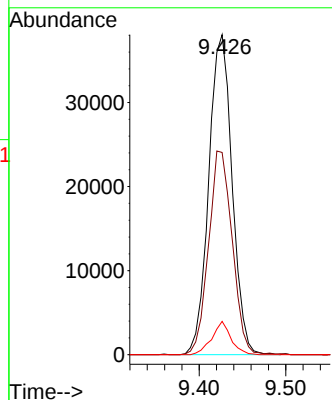
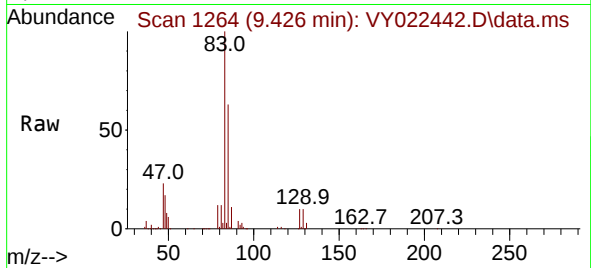




#47
Bromodichloromethane
Concen: 20.128 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

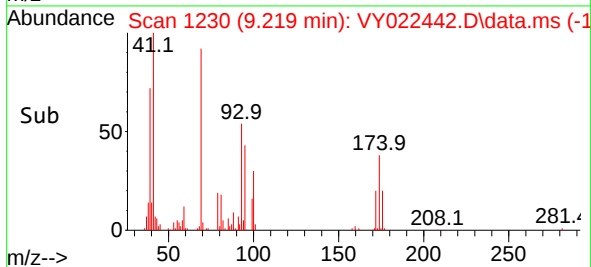
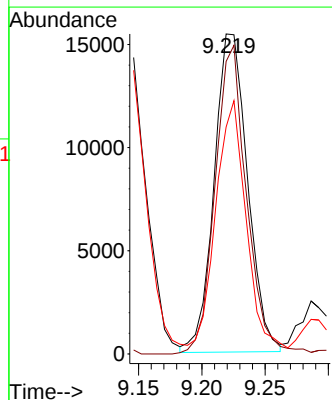
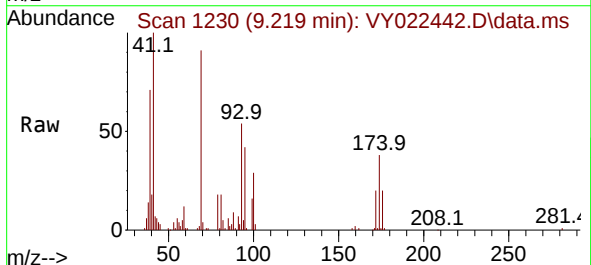
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

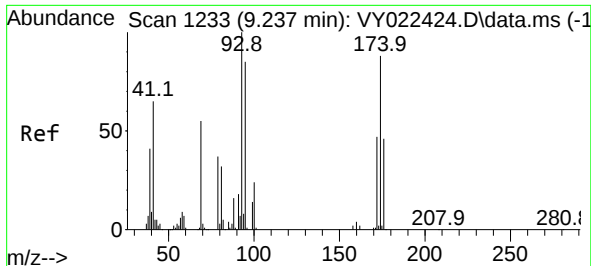
Tgt Ion: 83 Resp: 71355
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 10.4 6.6 9.8#



#48
Methyl methacrylate
Concen: 18.636 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 41 Resp: 28359
Ion Ratio Lower Upper
41 100
69 91.4 70.3 105.5
39 69.3 55.4 83.0





#49

1,4-Dioxane

Concen: 402.444 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

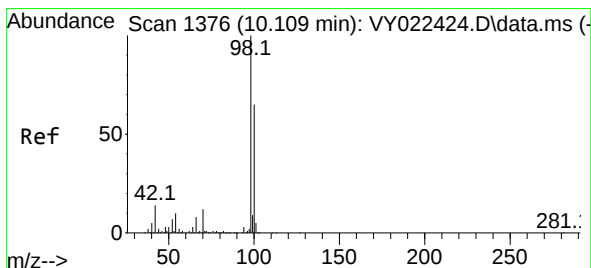
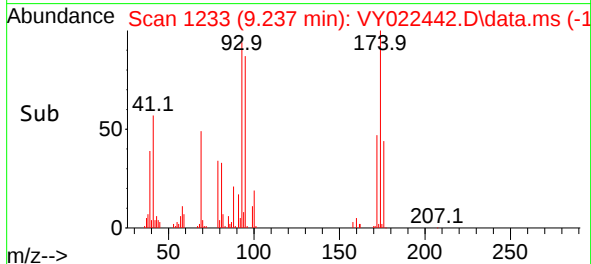
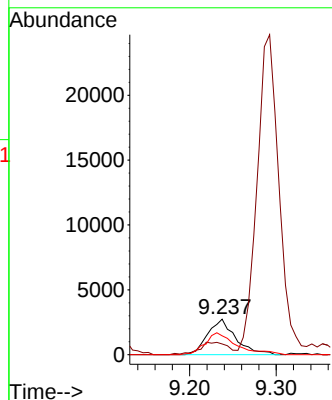
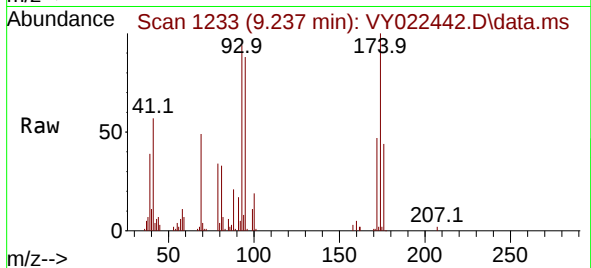
Tgt Ion: 88 Resp: 6128

Ion Ratio Lower Upper

88 100

43 37.0 26.9 40.3

58 69.4 55.8 83.6



#50

Toluene-d8

Concen: 51.274 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022442.D

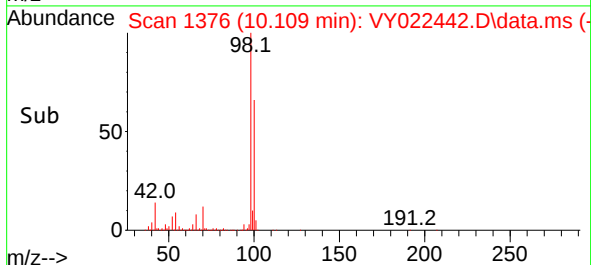
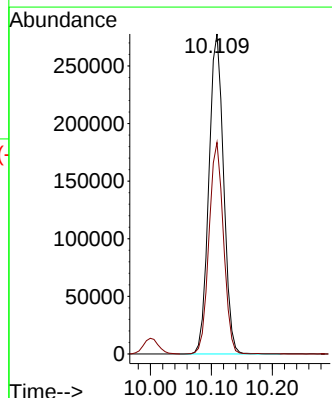
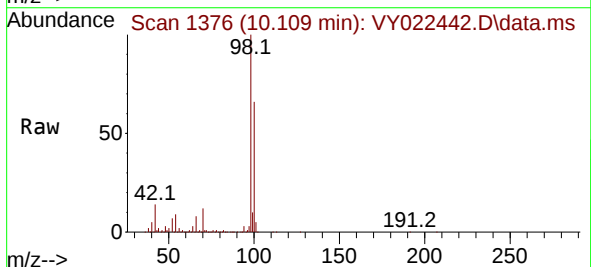
Acq: 28 May 2025 10:26

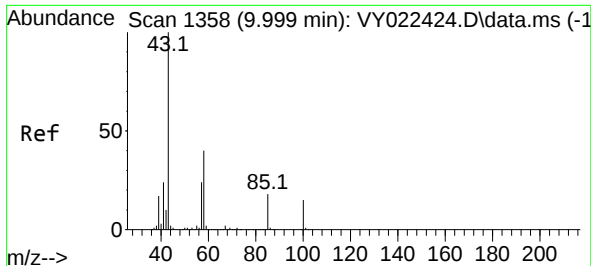
Tgt Ion: 98 Resp: 464967

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2

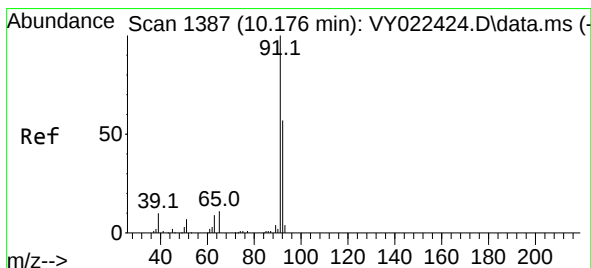
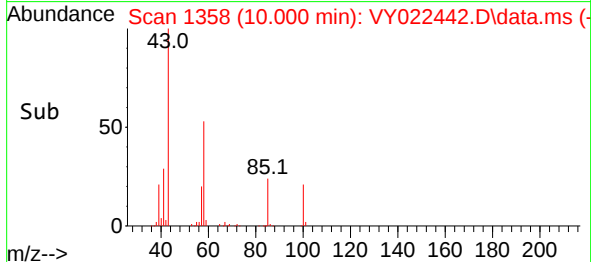
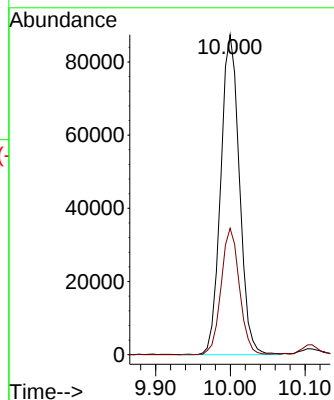
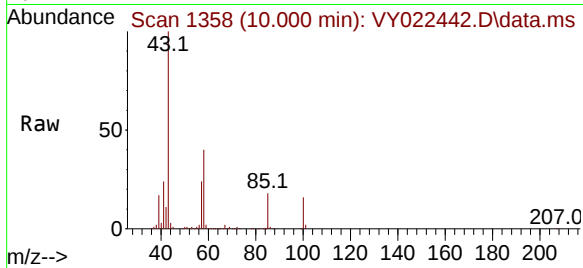




#51
4-Methyl-2-Pentanone
Concen: 93.929 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

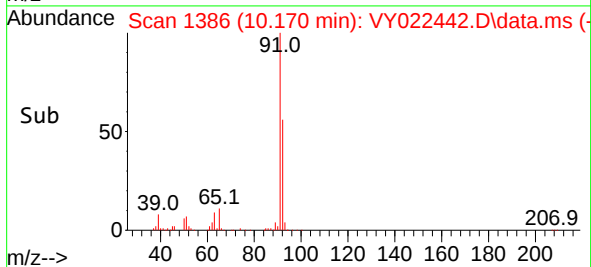
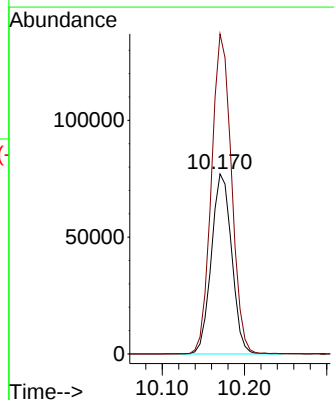
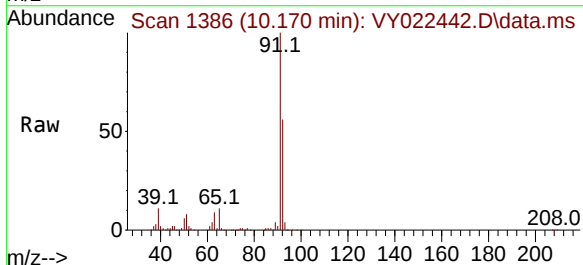
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

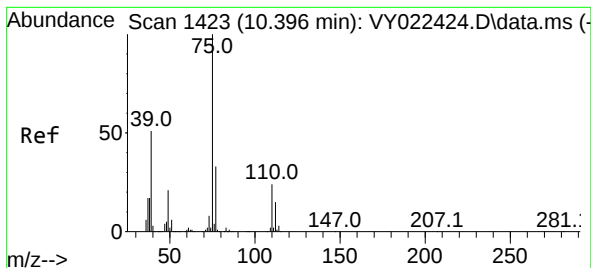
Tgt Ion: 43 Resp: 151923
Ion Ratio Lower Upper
43 100
58 38.7 31.2 46.8



#52
Toluene
Concen: 20.135 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 92 Resp: 132095
Ion Ratio Lower Upper
92 100
91 176.0 139.8 209.6

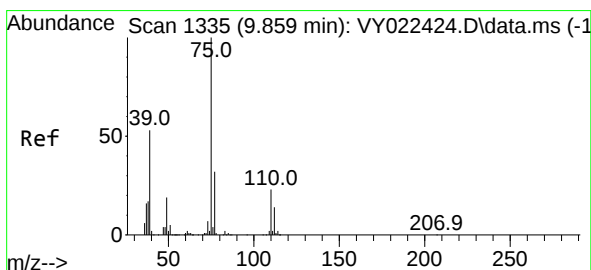
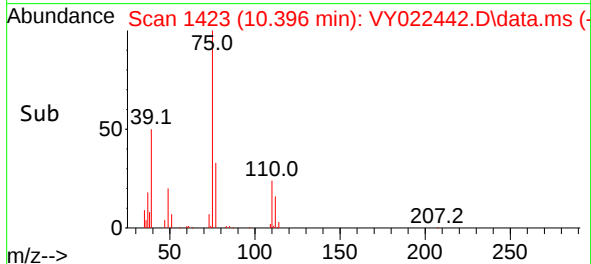
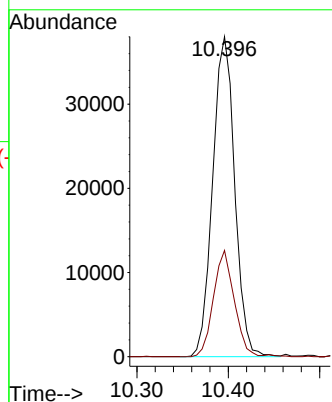
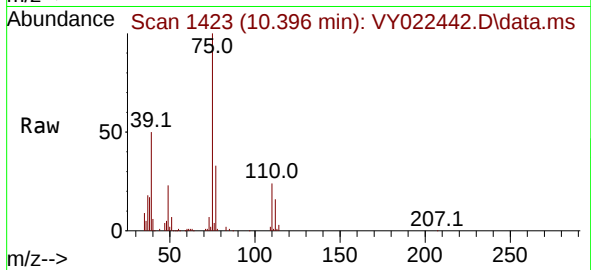




#53
t-1,3-Dichloropropene
Concen: 19.259 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

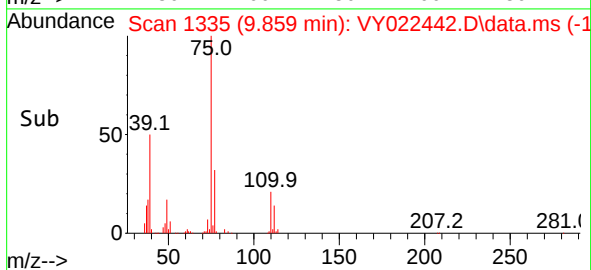
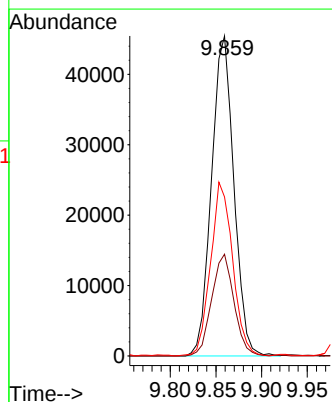
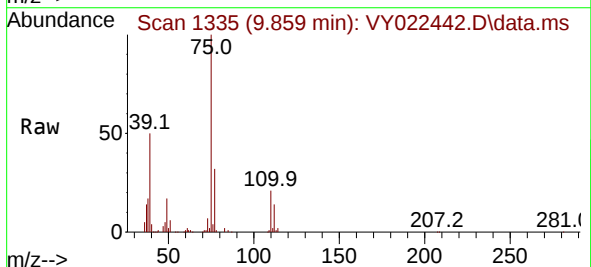
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

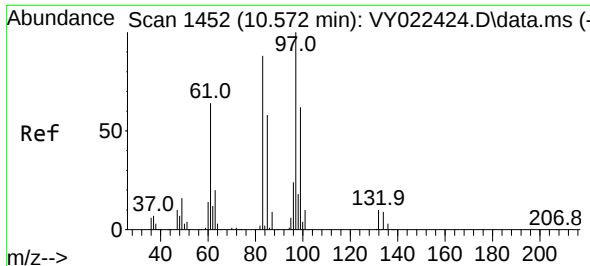
Tgt Ion: 75 Resp: 63595
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 19.893 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 75 Resp: 77188
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 49.6 42.5 63.7

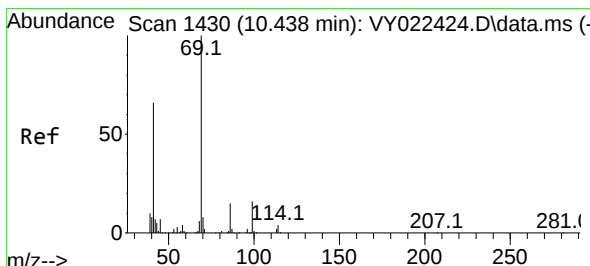
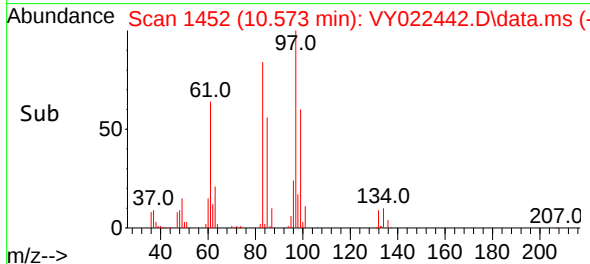
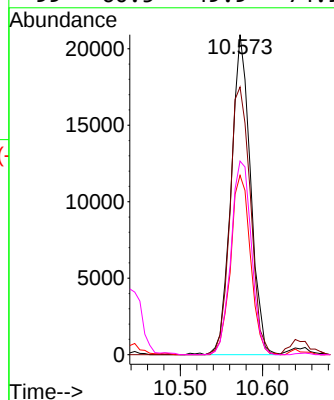
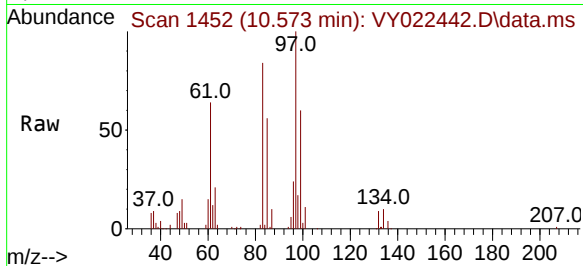




#55
1,1,2-Trichloroethane
Concen: 19.704 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

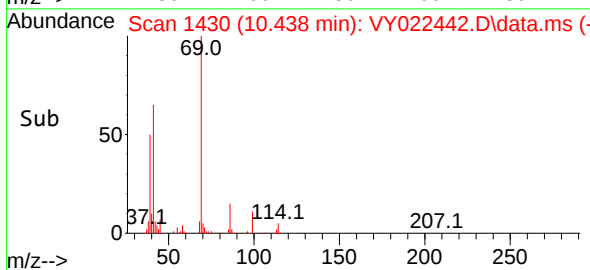
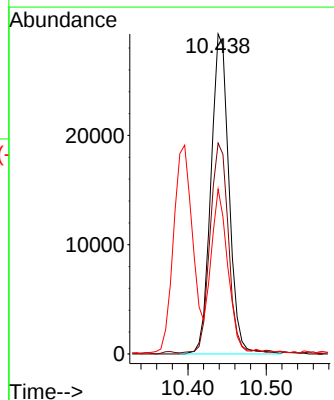
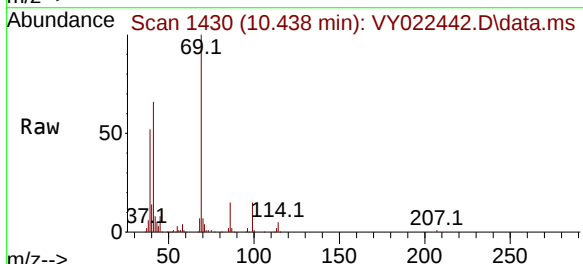
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

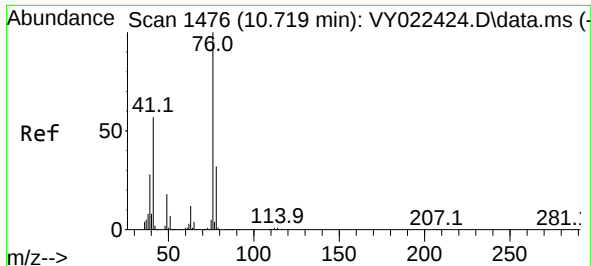
Tgt Ion: 97	Resp: 34344
Ion Ratio	Lower Upper
97 100	
83 83.6	70.2 105.4
85 56.1	46.1 69.1
99 60.5	49.9 74.9



#56
Ethyl methacrylate
Concen: 18.731 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 69	Resp: 46852
Ion Ratio	Lower Upper
69 100	
41 66.4	51.2 76.8
39 45.8	35.2 52.8





#57

1,3-Dichloropropane

Concen: 20.195 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

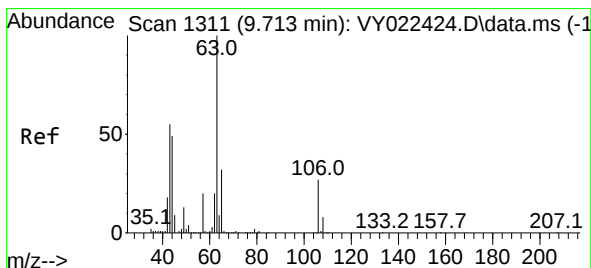
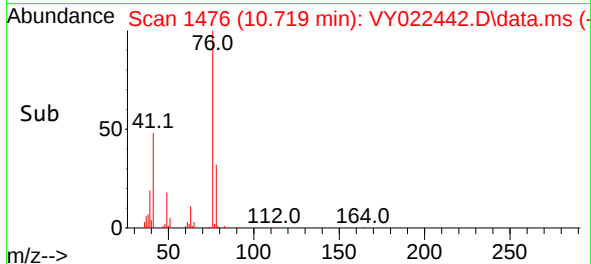
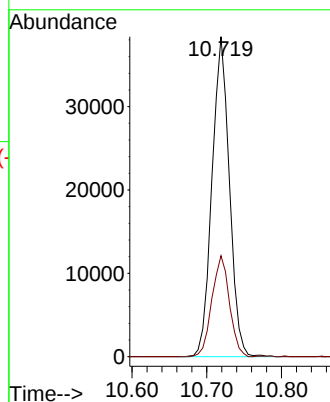
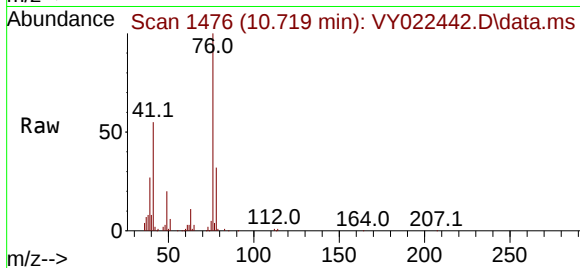
VY0528SBS01

Tgt Ion: 76 Resp: 62032

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 90.831 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022442.D

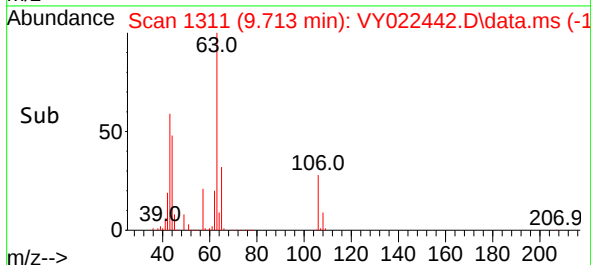
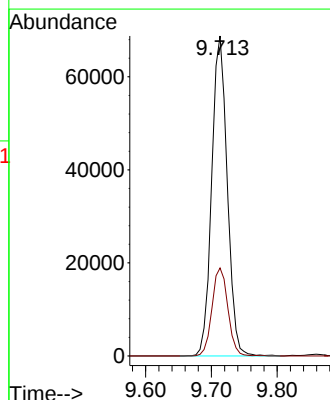
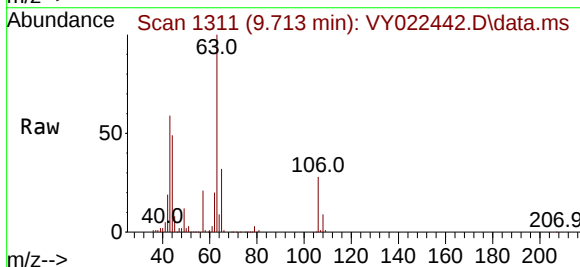
Acq: 28 May 2025 10:26

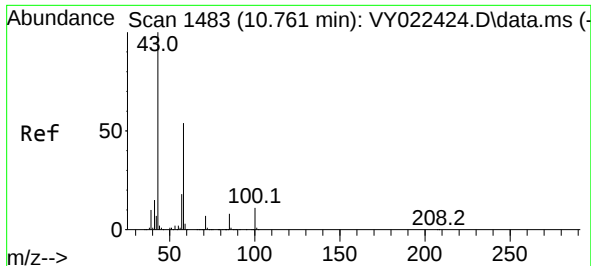
Tgt Ion: 63 Resp: 113229

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.2

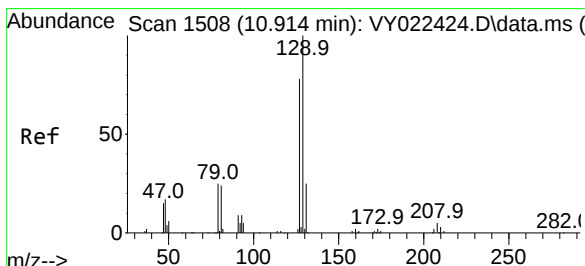
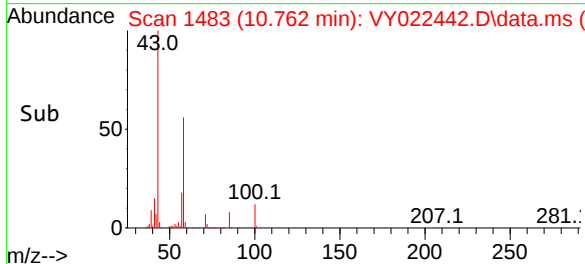
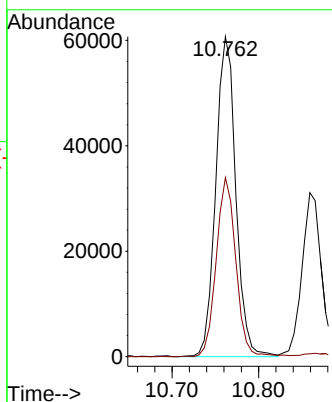
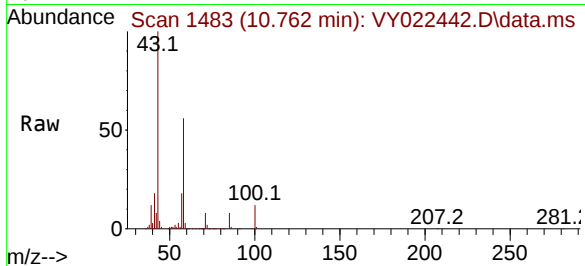




#59
2-Hexanone
Concen: 91.997 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

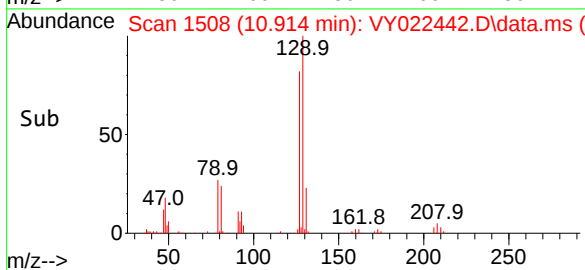
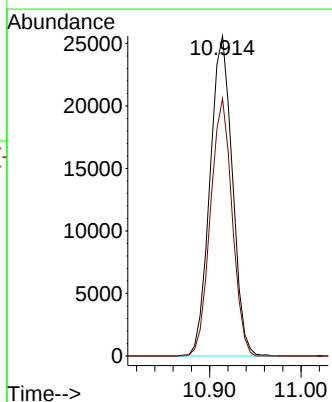
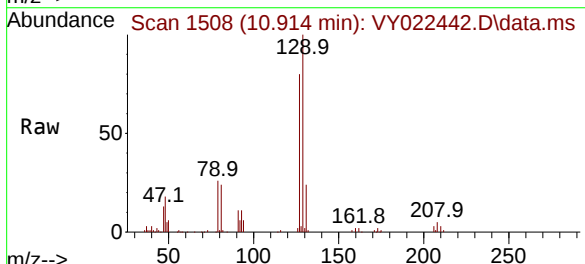
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

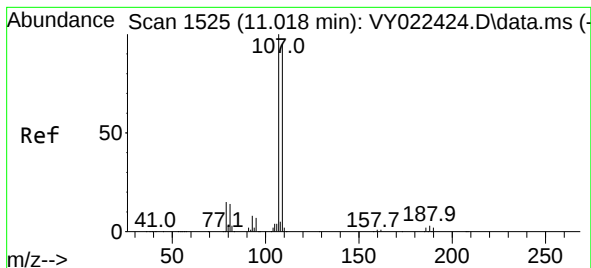
Tgt Ion: 43 Resp: 97515
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.2



#60
Dibromochloromethane
Concen: 19.534 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 129 Resp: 43493
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.225 ug/l

RT: 11.018 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

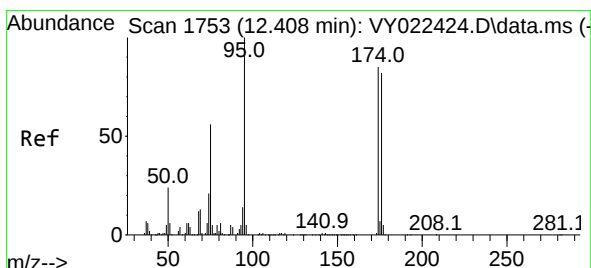
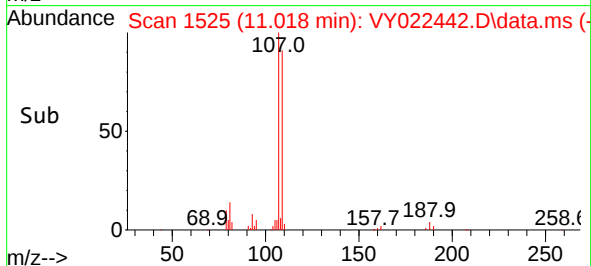
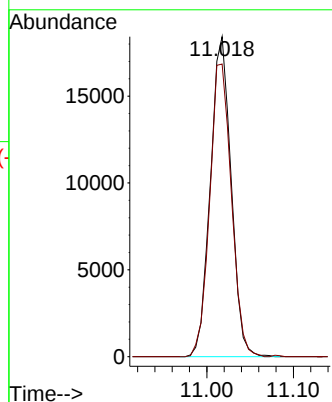
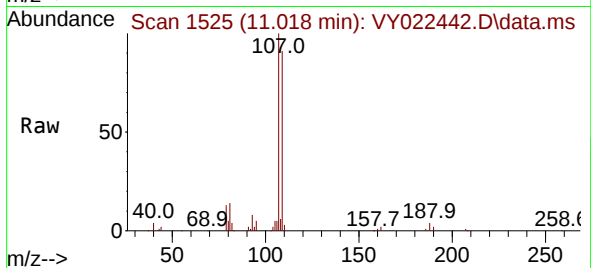
VY0528SBS01

Tgt Ion:107 Resp: 30648

Ion Ratio Lower Upper

107 100

109 95.5 74.0 111.0



#62

4-Bromofluorobenzene

Concen: 49.106 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

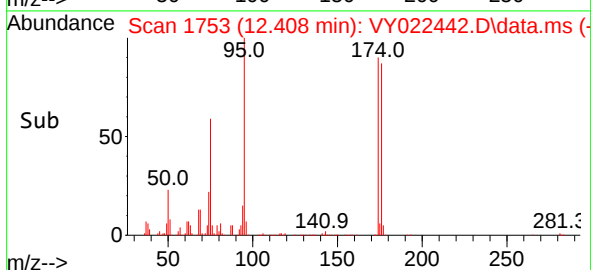
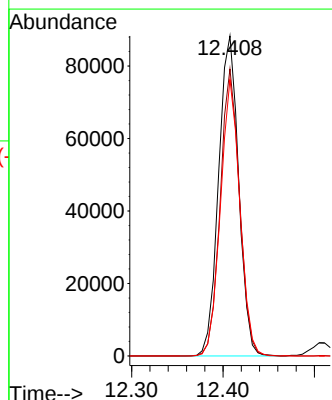
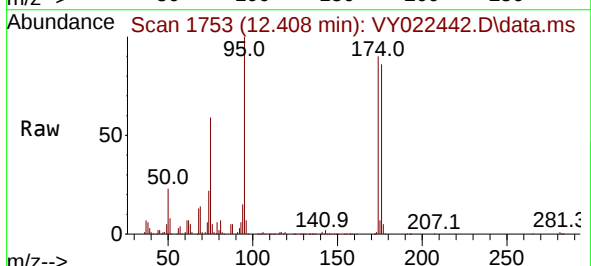
Tgt Ion: 95 Resp: 134698

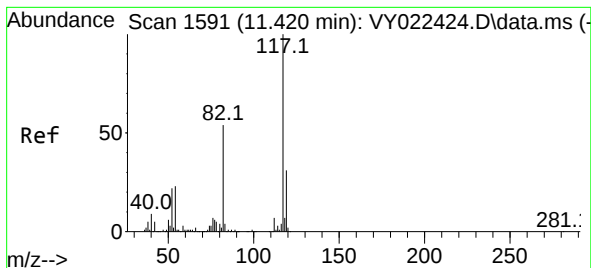
Ion Ratio Lower Upper

95 100

174 86.5 0.0 171.6

176 83.6 0.0 164.6

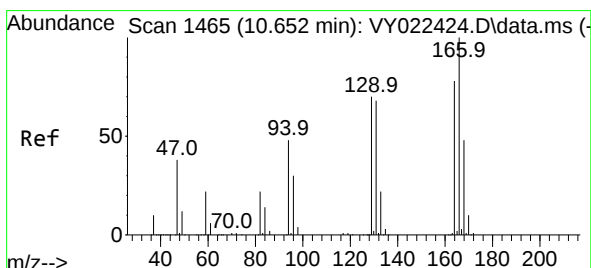
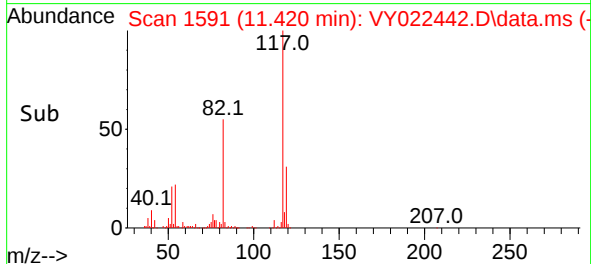
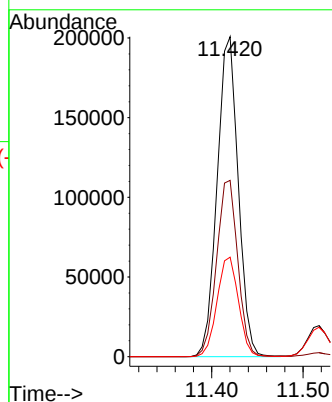
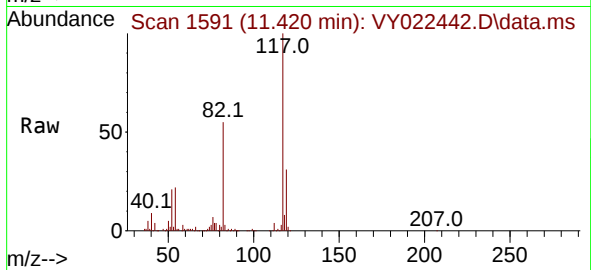




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

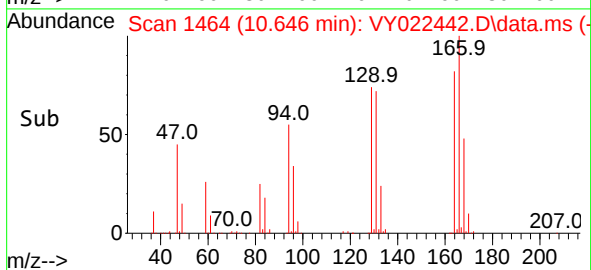
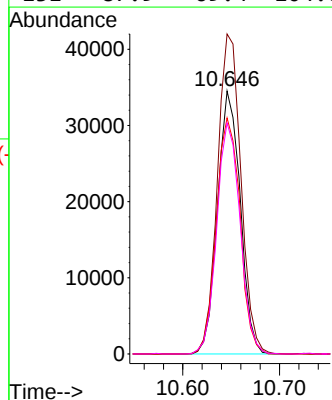
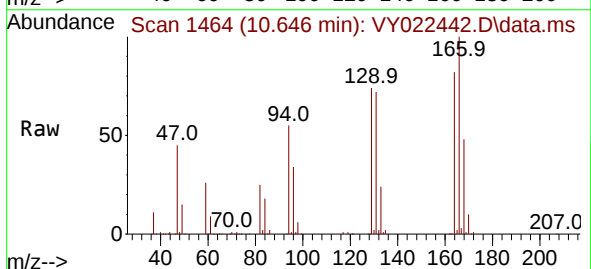
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

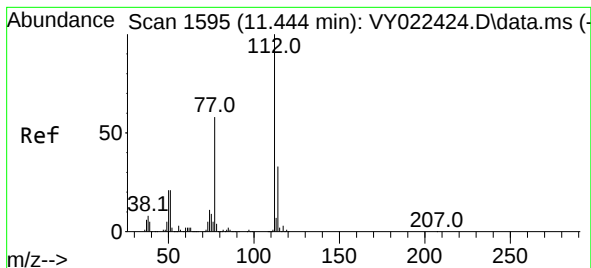
Tgt Ion:117 Resp: 322081
Ion Ratio Lower Upper
117 100
82 55.1 43.3 64.9
119 31.1 24.5 36.7



#64
Tetrachloroethene
Concen: 20.596 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion:164 Resp: 56496
Ion Ratio Lower Upper
164 100
166 121.7 102.0 153.0
129 89.8 71.3 106.9
131 87.9 69.4 104.0





#65

Chlorobenzene

Concen: 20.104 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

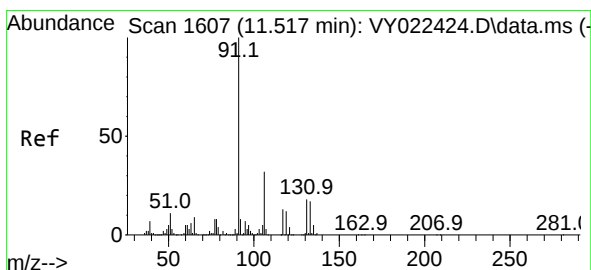
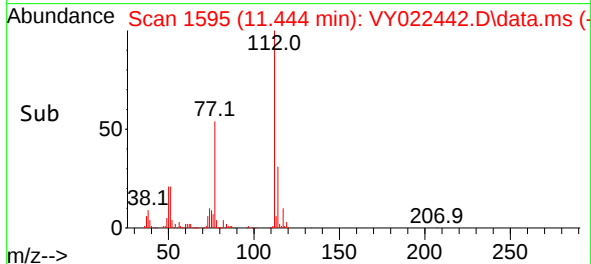
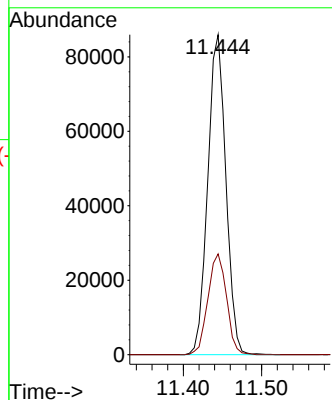
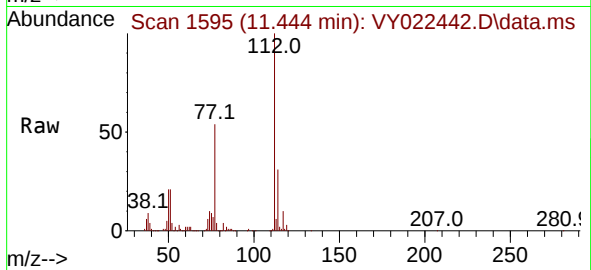
VY0528SBS01

Tgt Ion:112 Resp: 138069

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.055 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

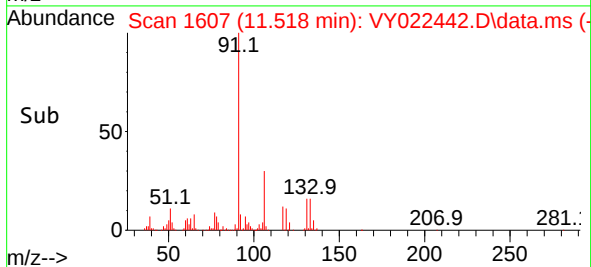
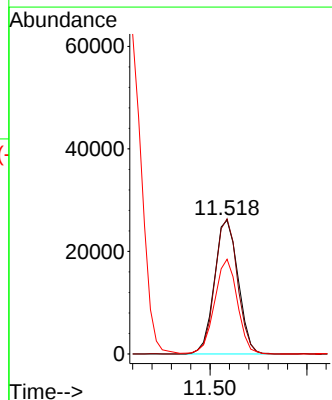
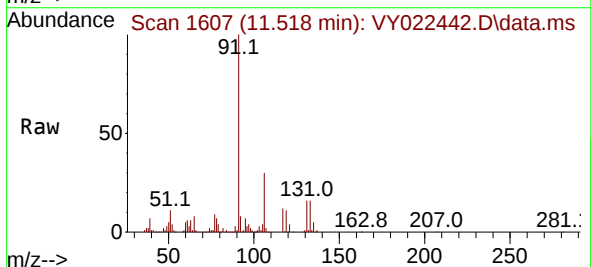
Tgt Ion:131 Resp: 44338

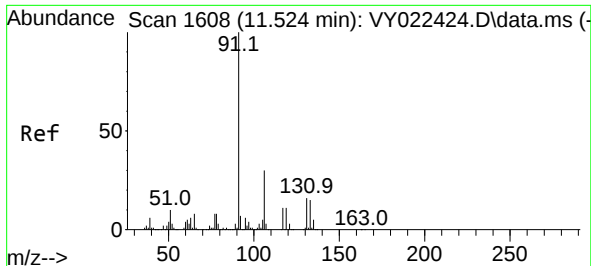
Ion Ratio Lower Upper

131 100

133 96.9 46.6 139.8

119 68.3 33.3 99.8





#67

Ethyl Benzene

Concen: 19.946 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

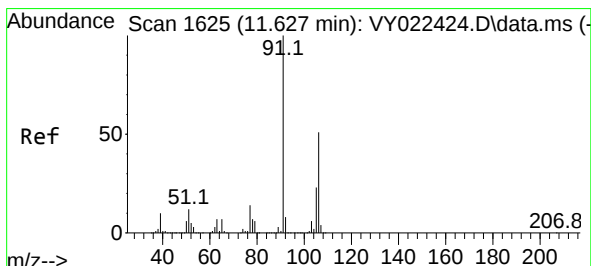
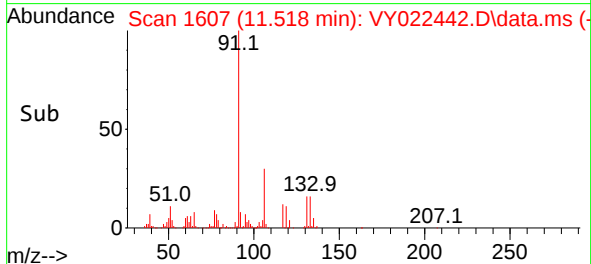
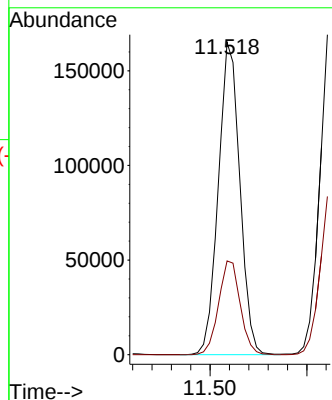
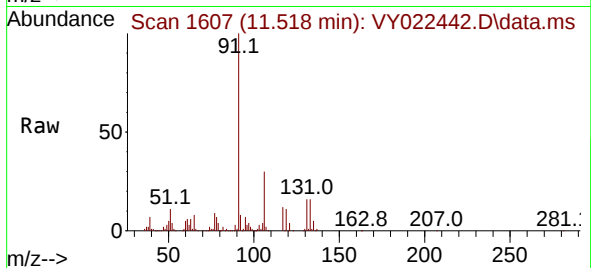
VY0528SBS01

Tgt Ion: 91 Resp: 254353

Ion Ratio Lower Upper

91 100

106 30.0 24.4 36.6



#68

m/p-Xylenes

Concen: 39.158 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022442.D

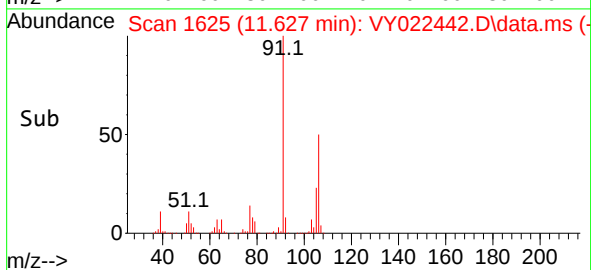
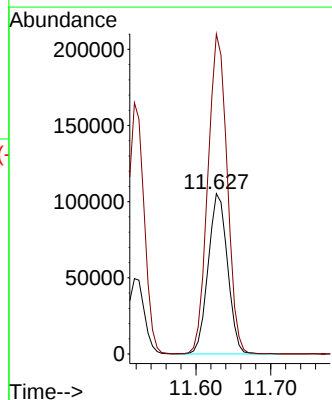
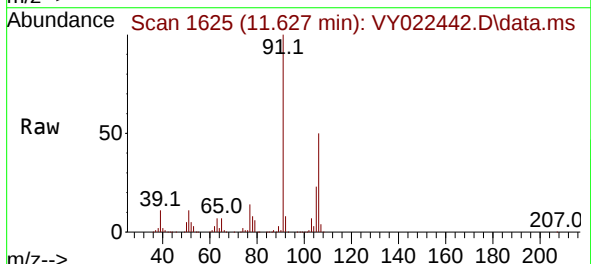
Acq: 28 May 2025 10:26

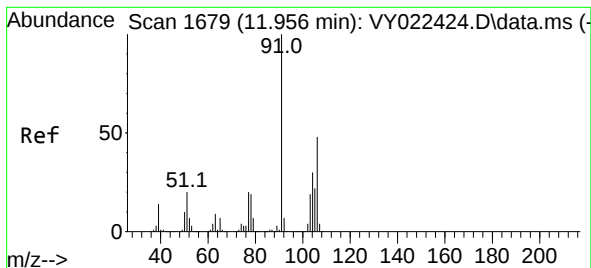
Tgt Ion:106 Resp: 189320

Ion Ratio Lower Upper

106 100

91 198.4 159.8 239.8





#69

o-Xylene

Concen: 19.842 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

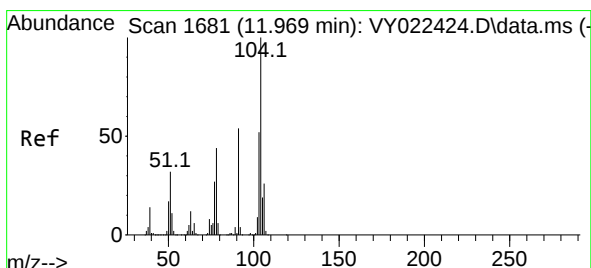
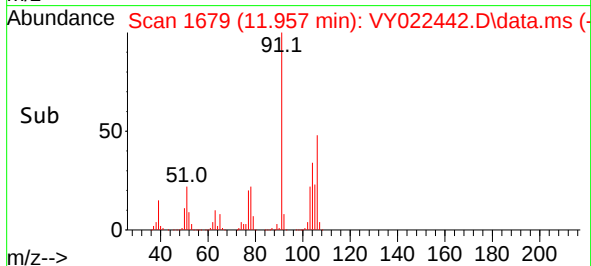
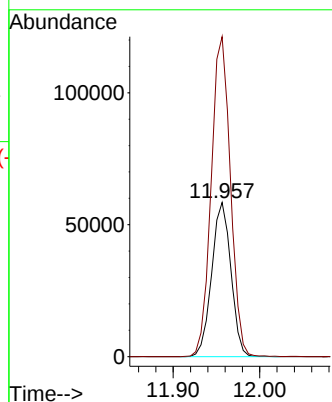
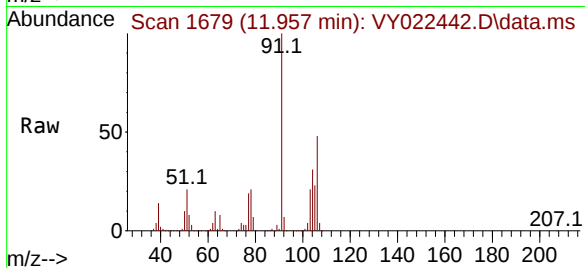
VY0528SBS01

Tgt Ion:106 Resp: 90159

Ion Ratio Lower Upper

106 100

91 207.6 106.3 318.9



#70

Styrene

Concen: 19.526 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

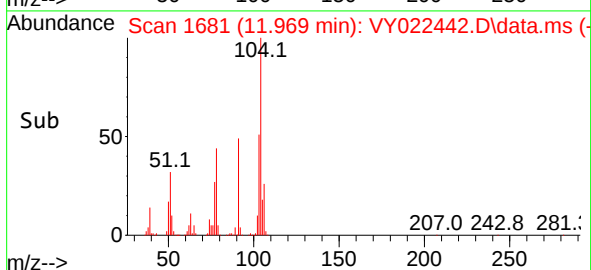
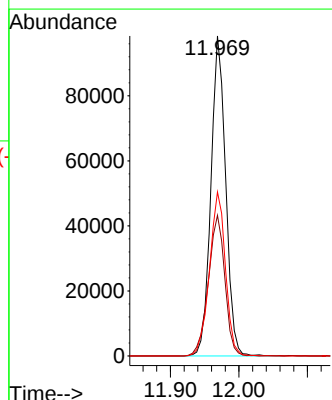
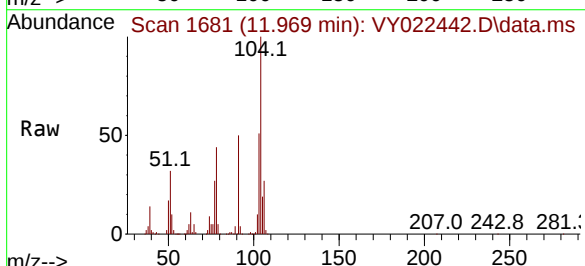
Tgt Ion:104 Resp: 147733

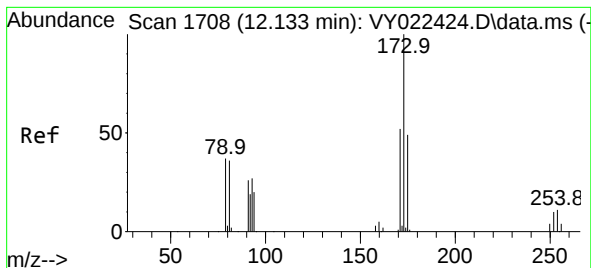
Ion Ratio Lower Upper

104 100

78 49.0 38.8 58.2

103 55.5 43.4 65.2





#71

Bromoform

Concen: 18.473 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

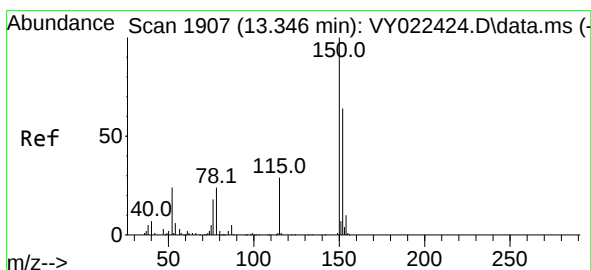
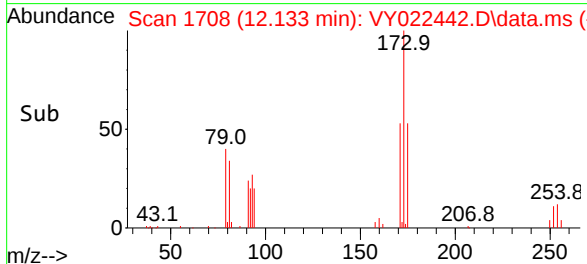
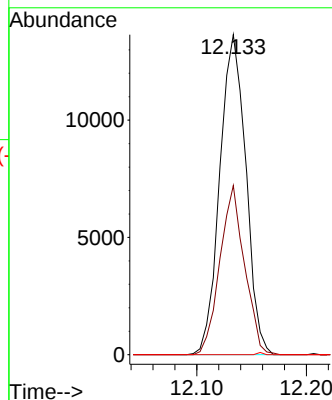
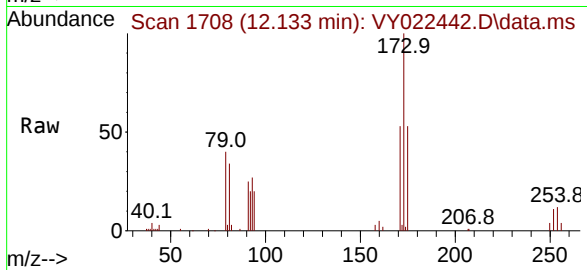
Tgt Ion:173 Resp: 22515

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

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. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

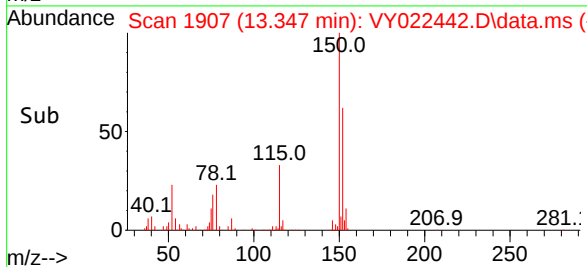
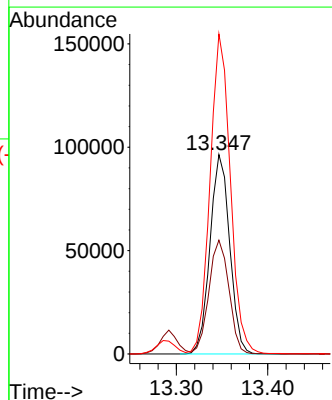
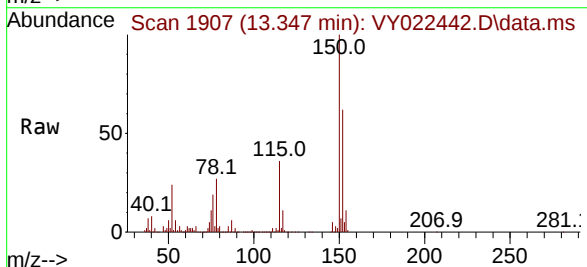
Tgt Ion:152 Resp: 144212

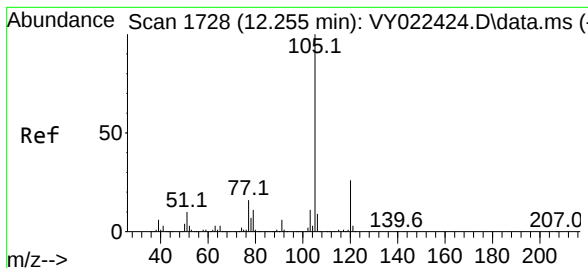
Ion Ratio Lower Upper

152 100

115 58.2 28.4 85.3

150 165.2 0.0 345.8





#73

Isopropylbenzene

Concen: 20.728 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

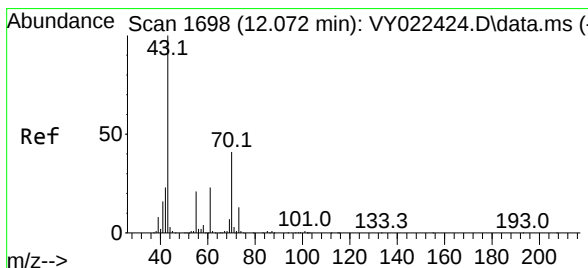
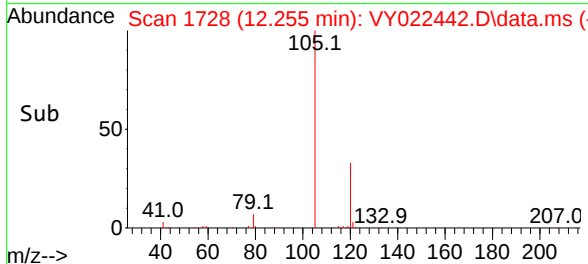
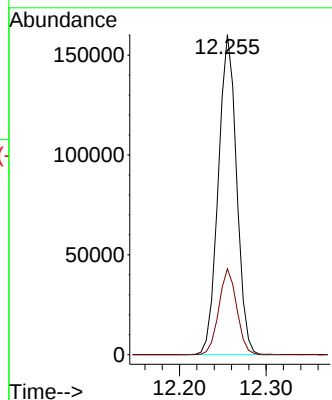
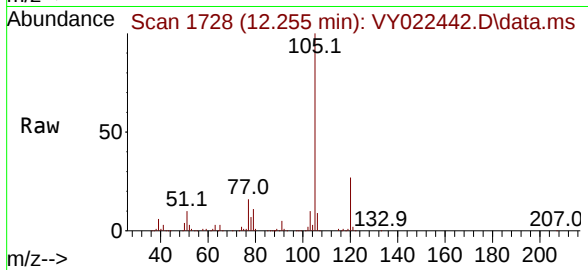
VY0528SBS01

Tgt Ion:105 Resp: 235267

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 19.011 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Tgt Ion: 43 Resp: 52798

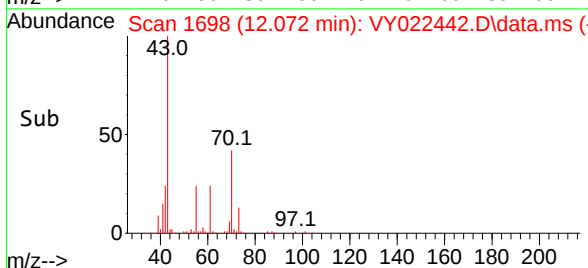
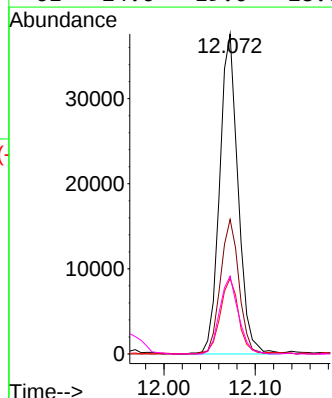
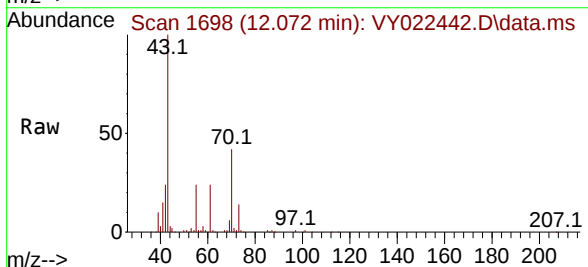
Ion Ratio Lower Upper

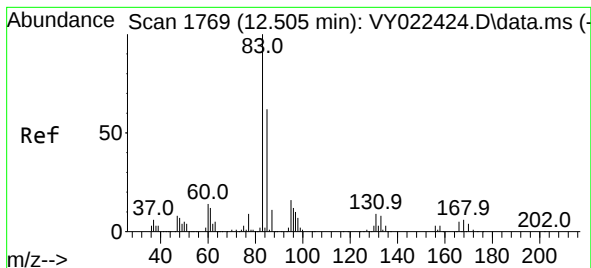
43 100

70 42.1 33.0 49.4

55 23.6 17.5 26.3

61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.802 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

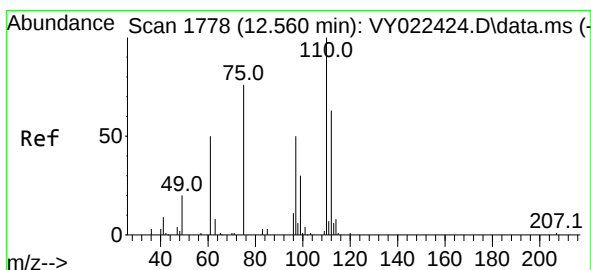
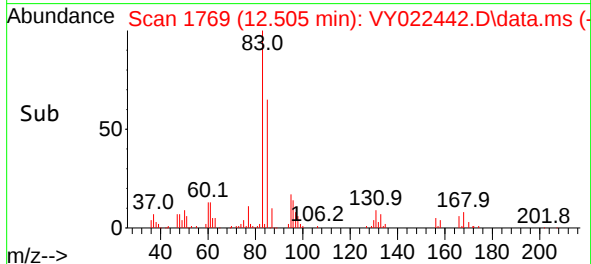
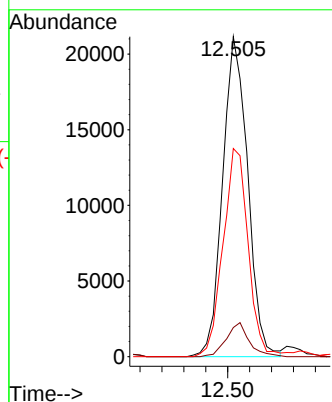
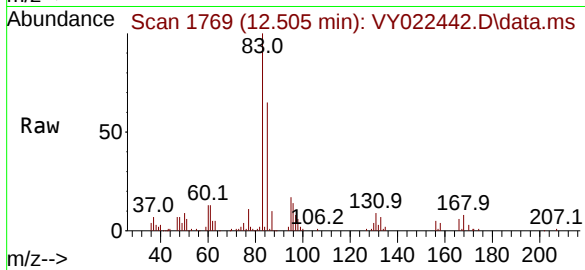
Tgt Ion: 83 Resp: 33622

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

85 64.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 33.543 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY022442.D

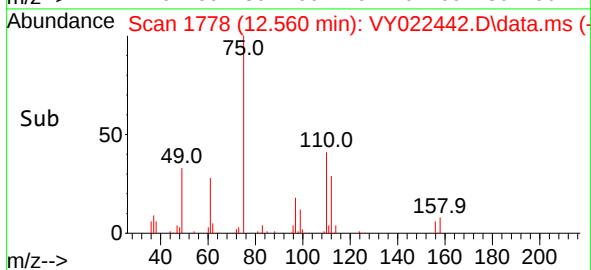
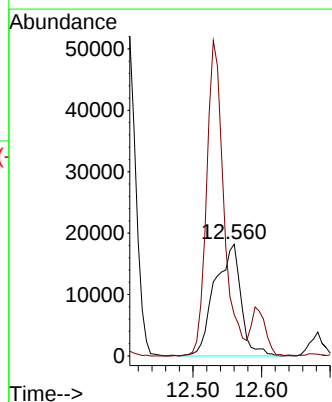
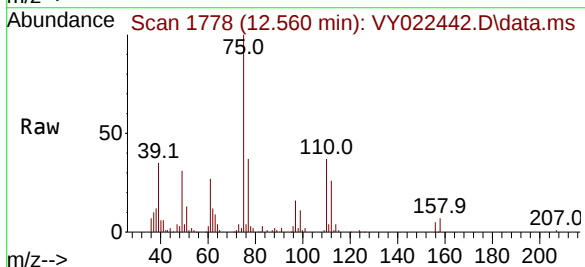
Acq: 28 May 2025 10:26

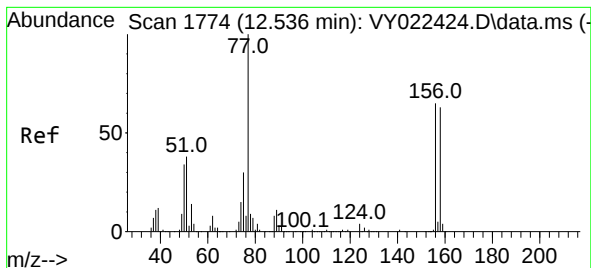
Tgt Ion: 75 Resp: 48454

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.034 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

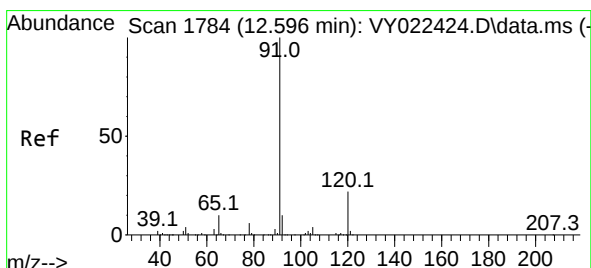
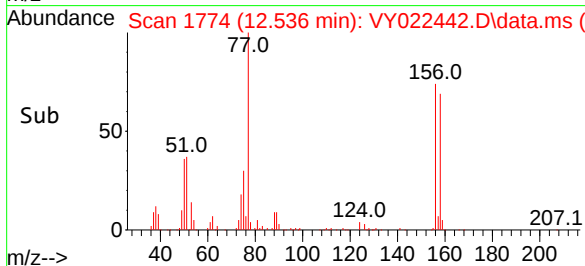
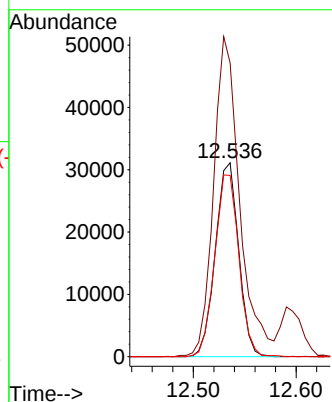
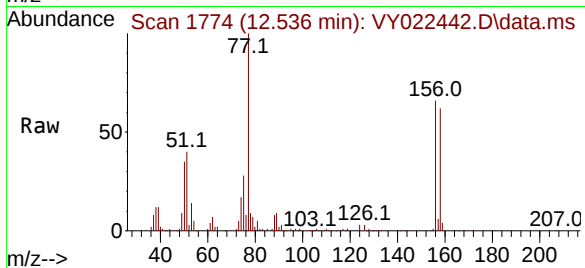
Tgt Ion:156 Resp: 48932

Ion Ratio Lower Upper

156 100

77 184.9 91.4 274.2

158 97.2 48.1 144.3



#78

n-propylbenzene

Concen: 20.598 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022442.D

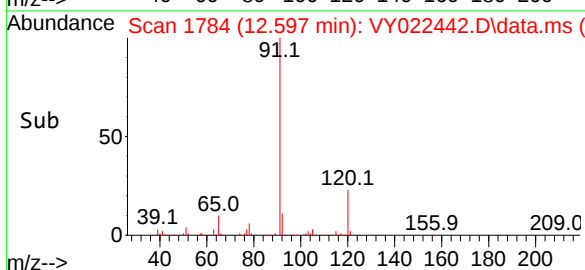
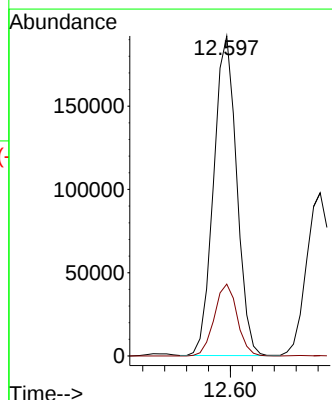
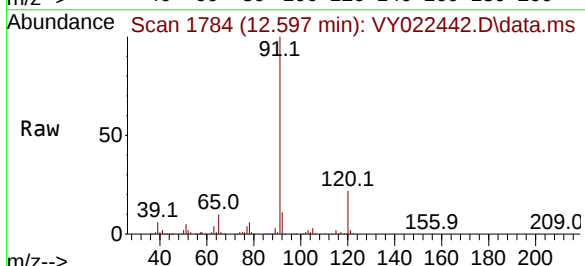
Acq: 28 May 2025 10:26

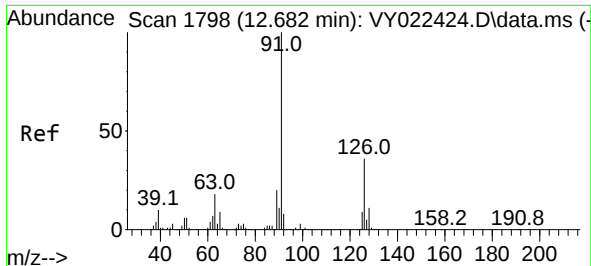
Tgt Ion: 91 Resp: 280561

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5

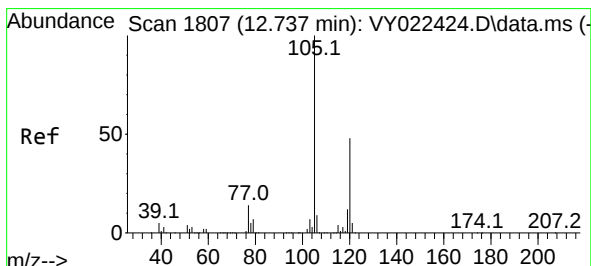
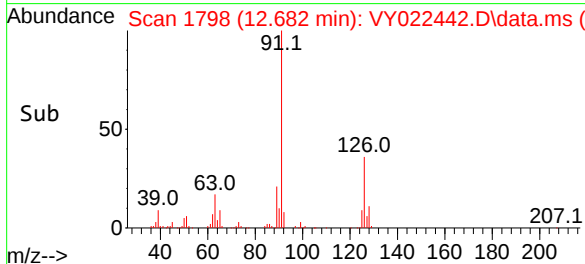
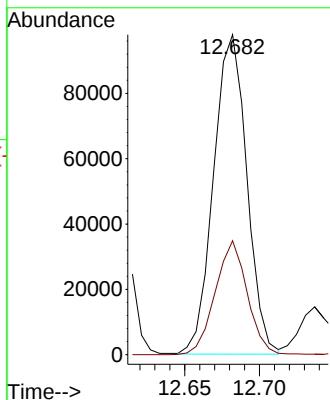
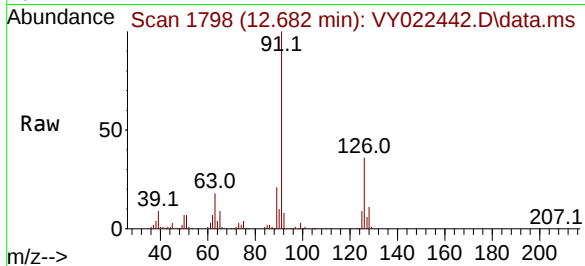




#79
2-Chlorotoluene
Concen: 20.503 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

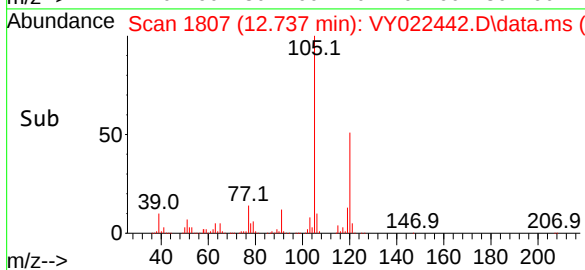
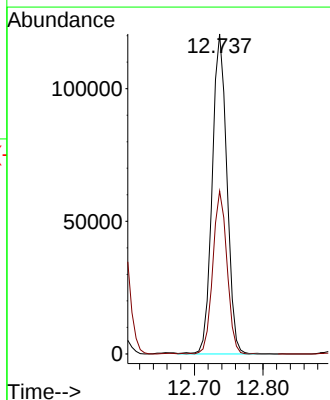
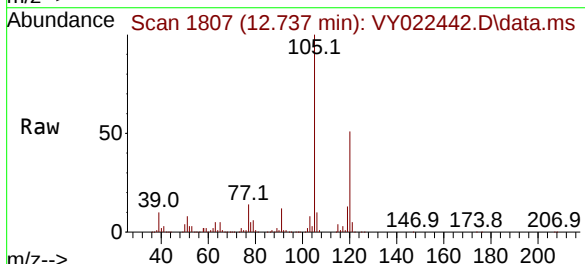
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

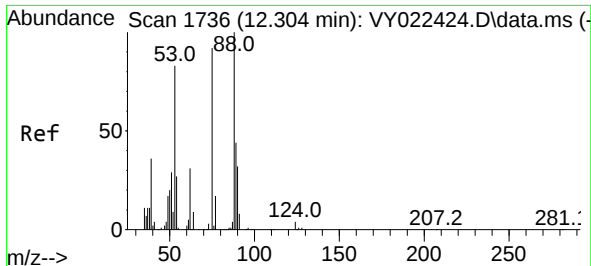
Tgt Ion: 91 Resp: 151175
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.204 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion:105 Resp: 179170
Ion Ratio Lower Upper
105 100
120 49.1 24.3 73.0

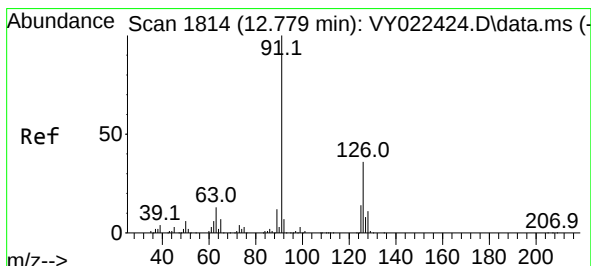
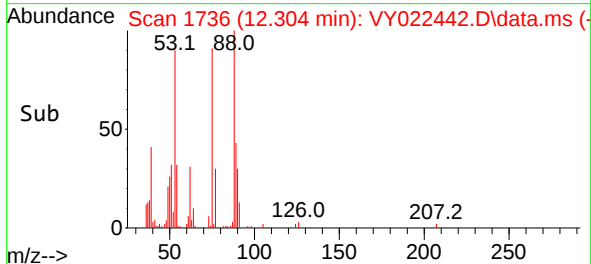
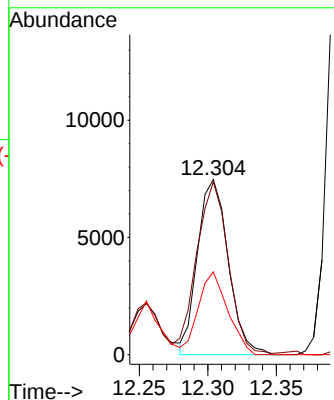
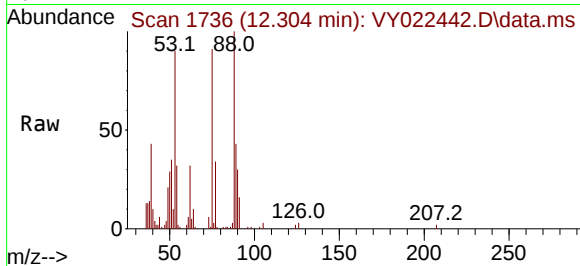




#81
trans-1,4-Dichloro-2-butene
Concen: 18.231 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

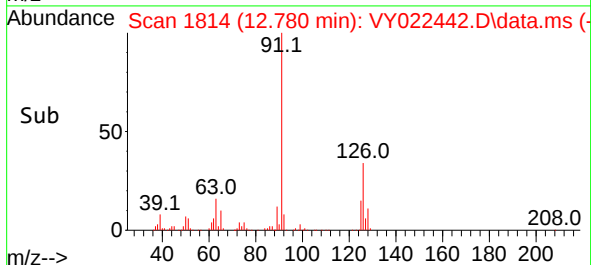
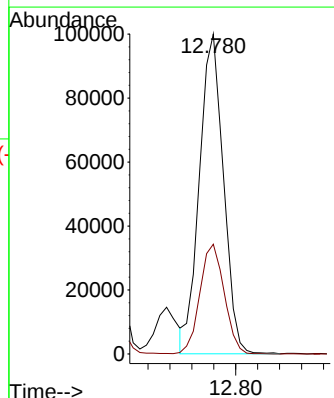
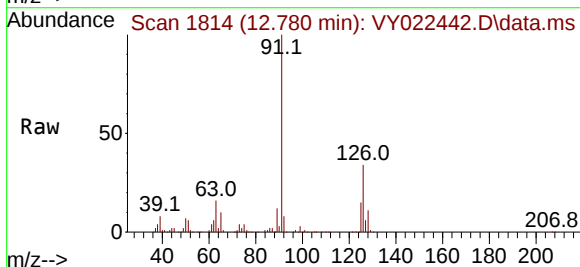
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

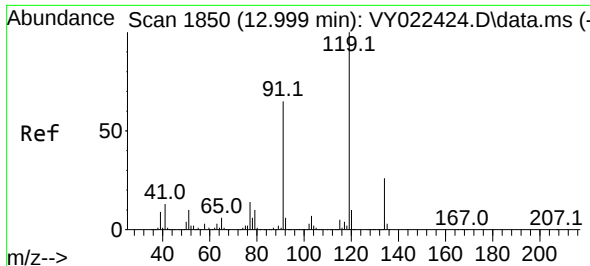
Tgt Ion: 75 Resp: 11645
Ion Ratio Lower Upper
75 100
53 100.5 75.1 112.7
89 45.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.013 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022442.D
Acq: 28 May 2025 10:26

Tgt Ion: 91 Resp: 151976
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6

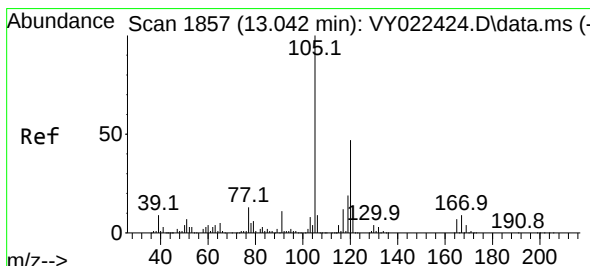
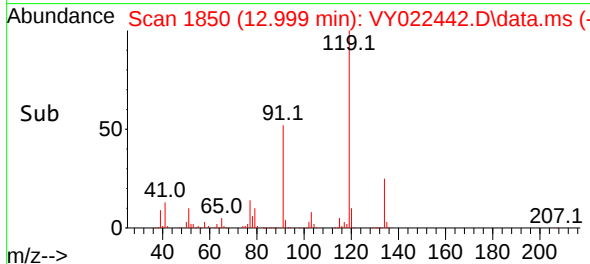
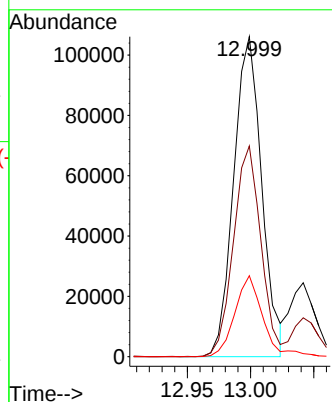
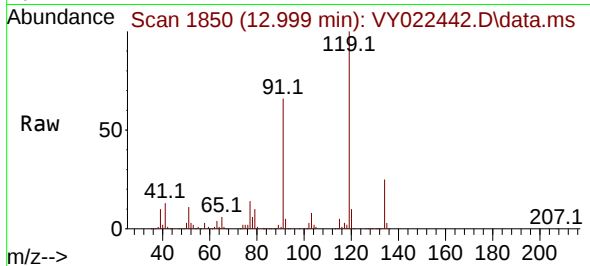




#83
 tert-Butylbenzene
 Concen: 20.459 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022442.D
 Acq: 28 May 2025 10:26

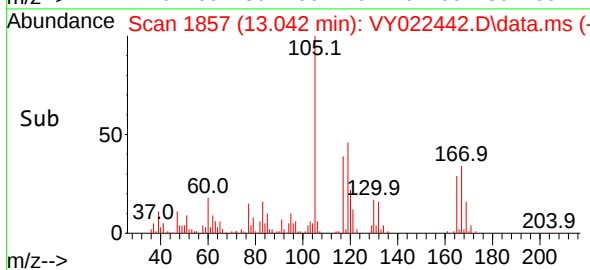
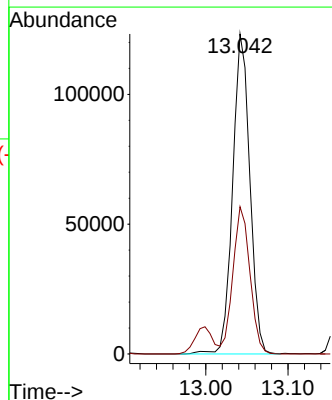
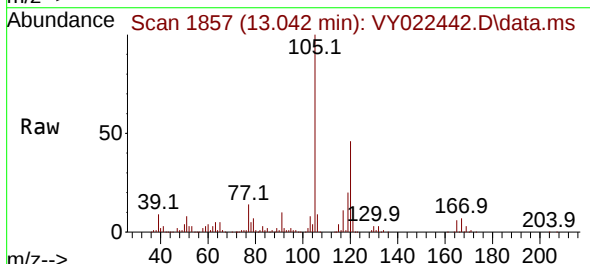
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

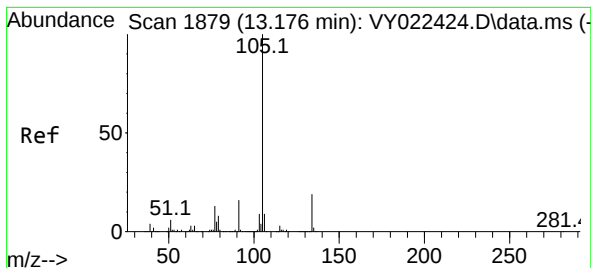
Tgt Ion:119 Resp: 163928
 Ion Ratio Lower Upper
 119 100
 91 64.3 31.8 95.3
 134 25.3 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.054 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022442.D
 Acq: 28 May 2025 10:26

Tgt Ion:105 Resp: 178972
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.732 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

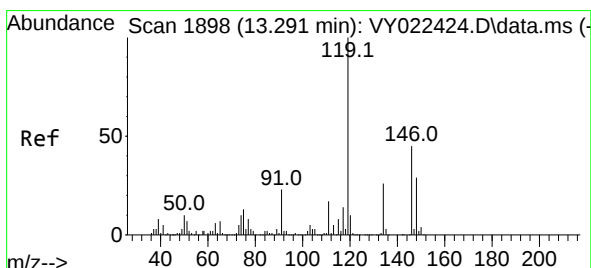
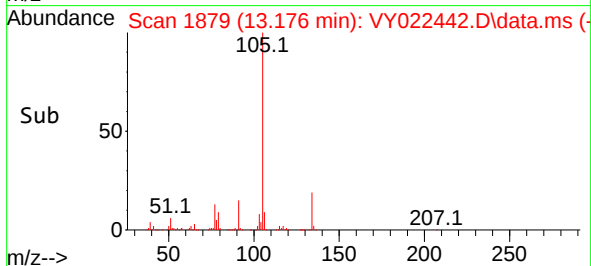
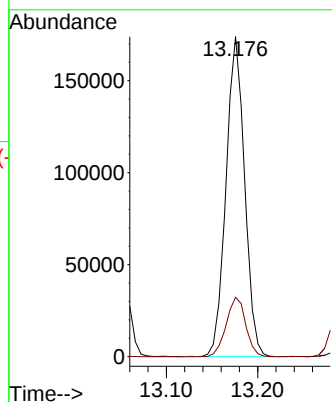
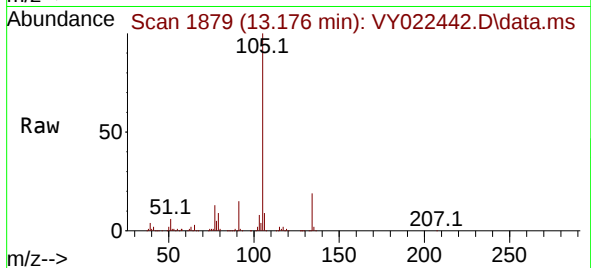
VY0528SBS01

Tgt Ion:105 Resp: 246347

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



#86

p-Isopropyltoluene

Concen: 20.106 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

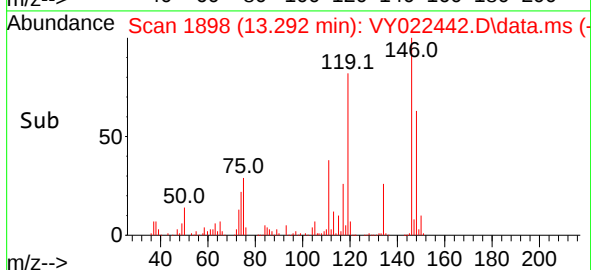
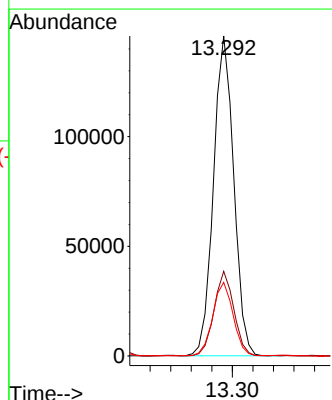
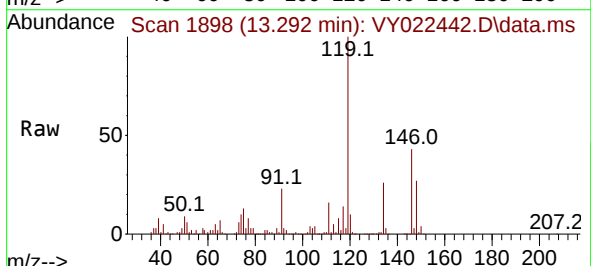
Tgt Ion:119 Resp: 199508

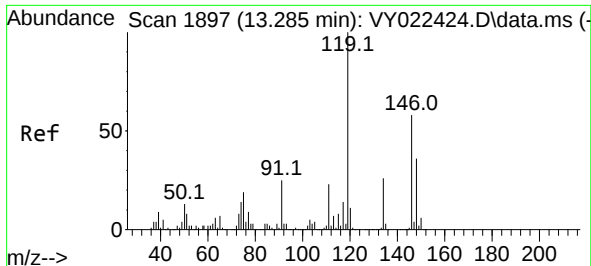
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.0 11.6 34.8

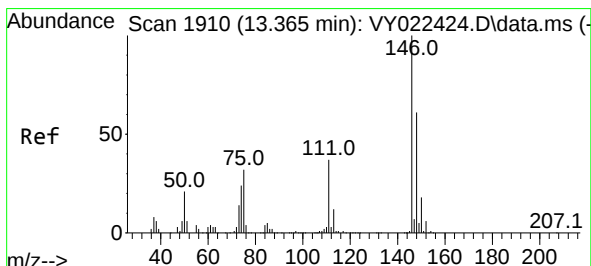
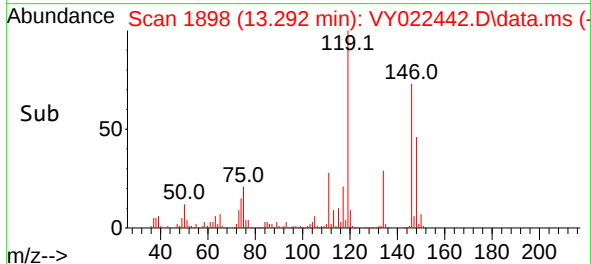
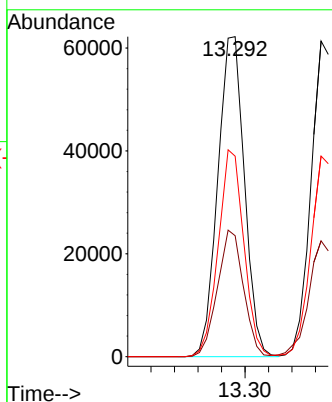
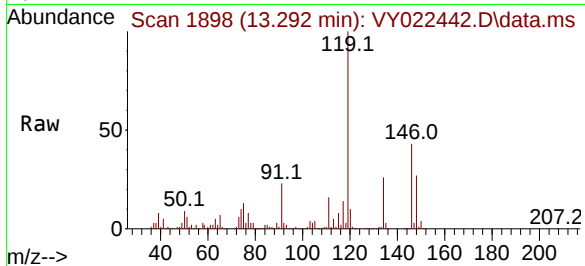




#87
 1,3-Dichlorobenzene
 Concen: 19.964 ug/l
 RT: 13.292 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY022442.D
 Acq: 28 May 2025 10:26

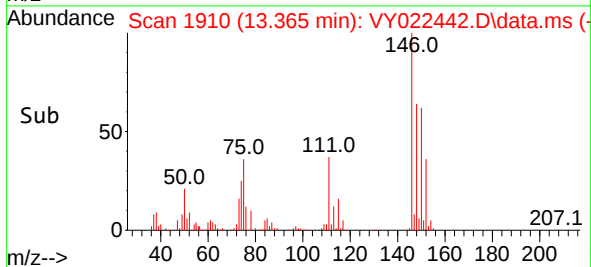
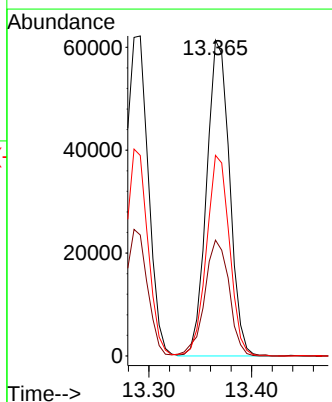
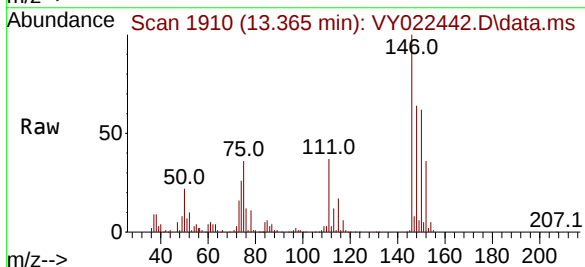
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

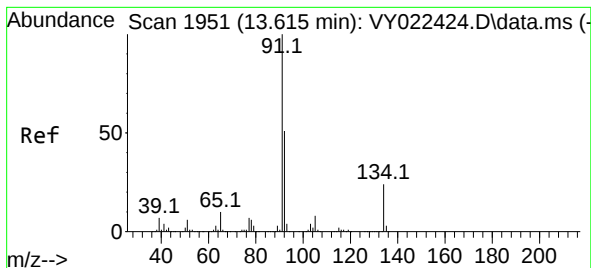
Tgt Ion:146 Resp: 98113
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.6 58.8
 148 62.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.223 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022442.D
 Acq: 28 May 2025 10:26

Tgt Ion:146 Resp: 95030
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.7 56.1
 148 63.9 31.4 94.3





#89

n-Butylbenzene

Concen: 20.366 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

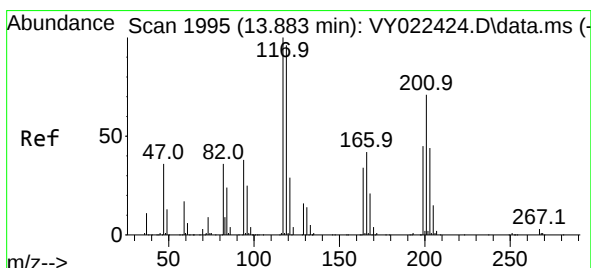
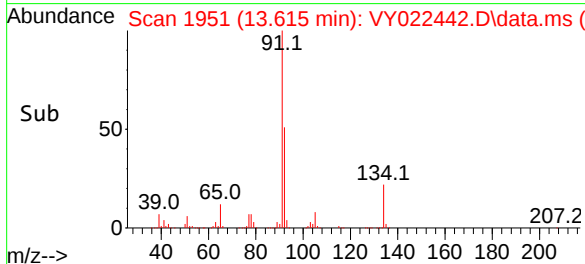
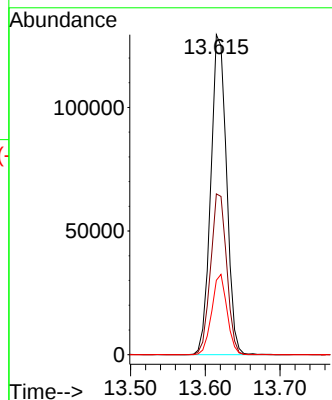
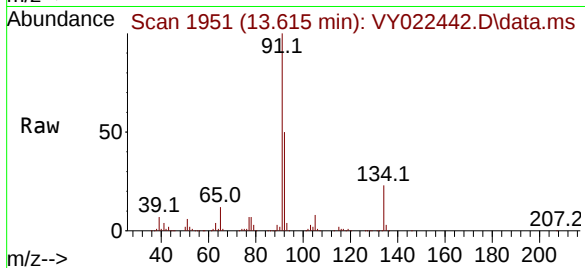
Tgt Ion: 91 Resp: 189473

Ion Ratio Lower Upper

91 100

92 51.3 25.9 77.6

134 24.3 12.4 37.0



#90

Hexachloroethane

Concen: 20.699 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022442.D

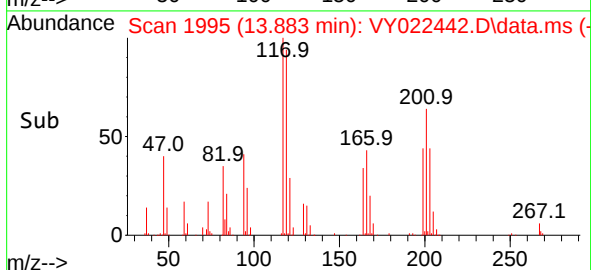
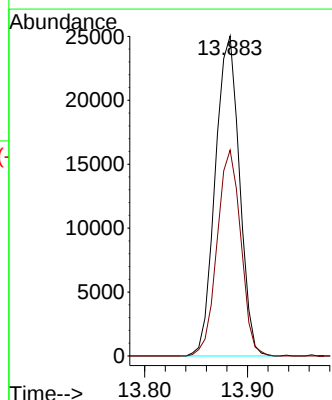
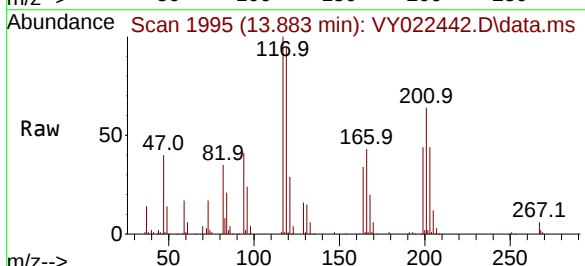
Acq: 28 May 2025 10:26

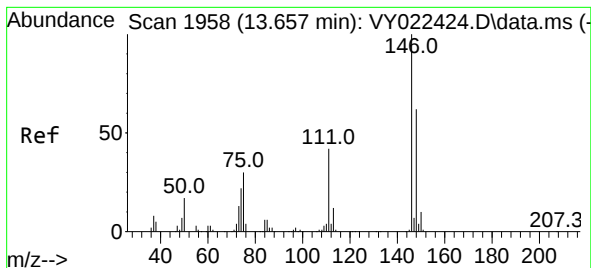
Tgt Ion: 117 Resp: 40872

Ion Ratio Lower Upper

117 100

201 63.0 35.0 105.0





#91

1,2-Dichlorobenzene

Concen: 19.921 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

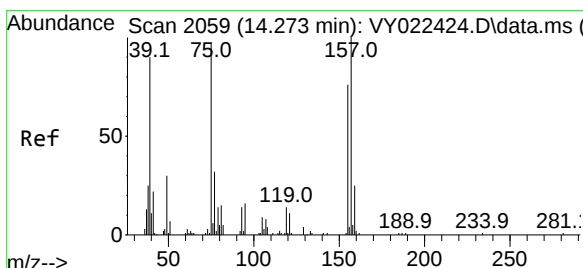
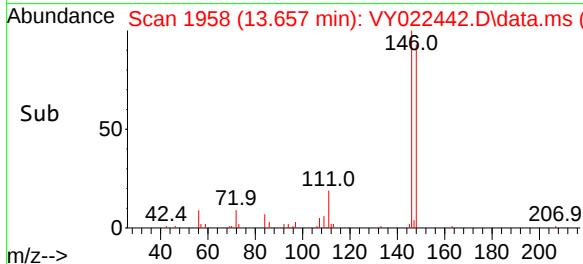
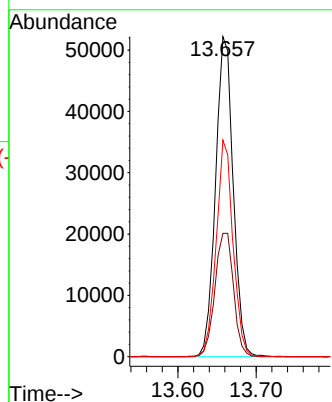
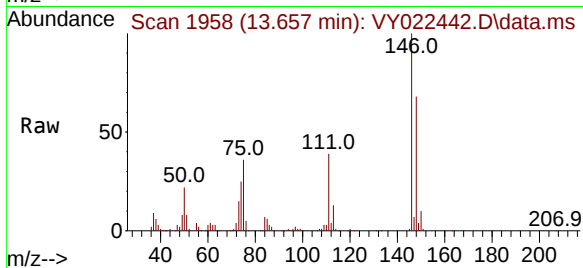
Tgt Ion:146 Resp: 81774

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.6

148 64.5 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.426 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

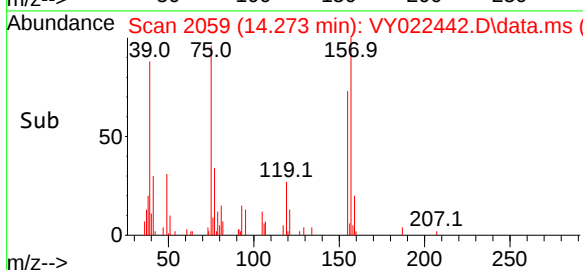
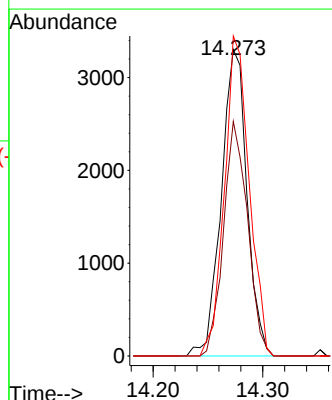
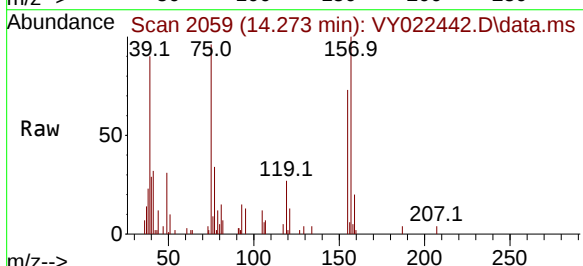
Tgt Ion: 75 Resp: 5368

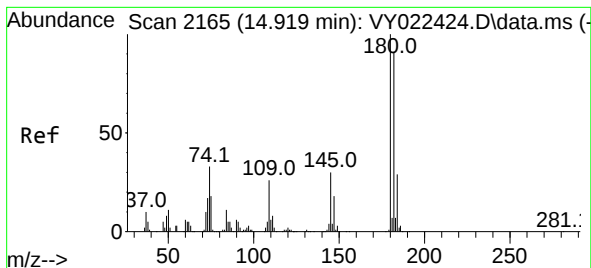
Ion Ratio Lower Upper

75 100

155 71.8 42.3 126.8

157 100.7 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 18.796 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

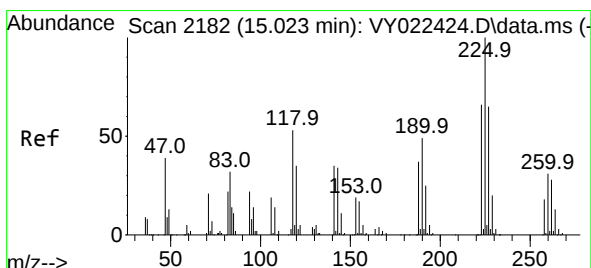
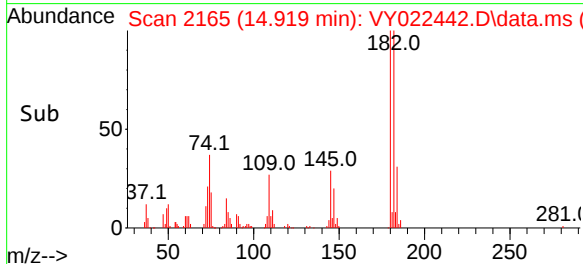
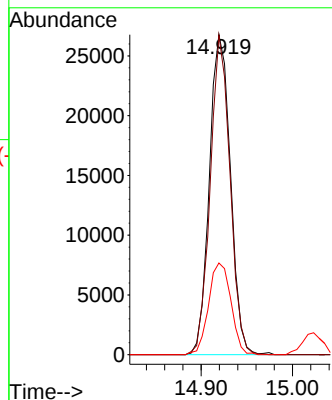
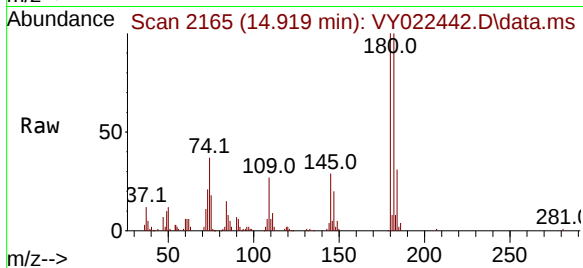
Tgt Ion:180 Resp: 42773

Ion Ratio Lower Upper

180 100

182 93.9 46.2 138.6

145 30.4 14.2 42.8



#94

Hexachlorobutadiene

Concen: 20.631 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

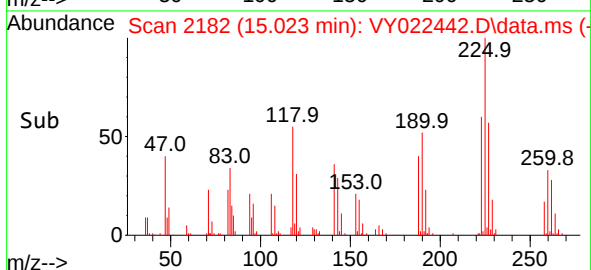
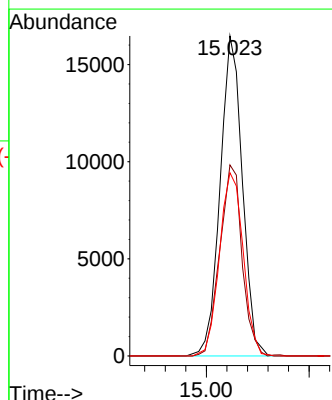
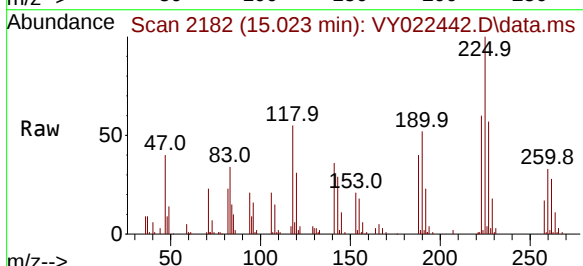
Tgt Ion:225 Resp: 24639

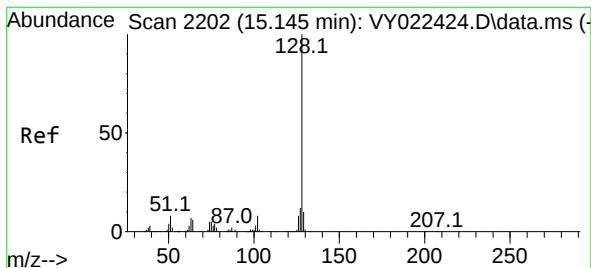
Ion Ratio Lower Upper

225 100

223 60.1 32.6 97.7

227 61.2 33.0 99.0





#95

Naphthalene

Concen: 18.431 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

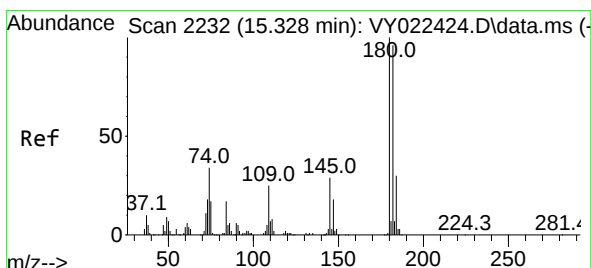
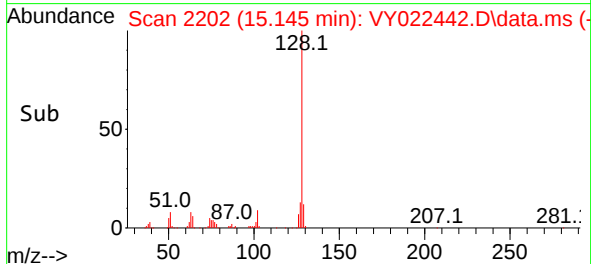
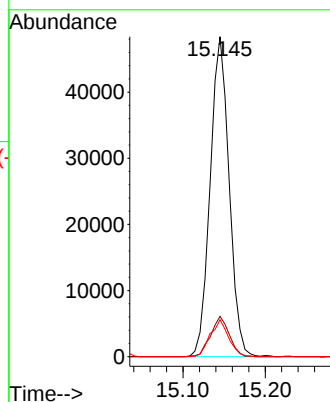
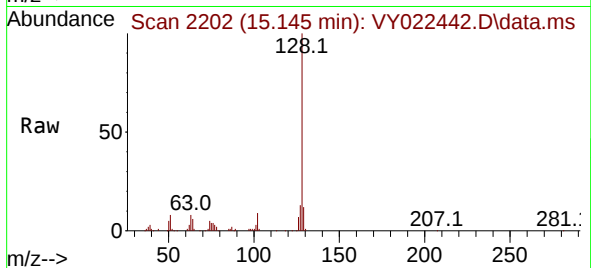
Tgt Ion:128 Resp: 77539

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.398 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022442.D

Acq: 28 May 2025 10:26

Tgt Ion:180 Resp: 36202

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.3

145 30.1 14.9 44.5

