

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022455.D
 Acq On : 29 May 2025 09:27
 Operator : SY/MD
 Sample : VY0529SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Quant Time: May 30 05:29:27 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	7.719	168	217849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	376540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	319754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	148991	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	122757	53.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.646	113	109319	49.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.140%	
50) Toluene-d8	10.115	98	446049	49.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	12.414	95	131041	48.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	46688	22.463	ug/l	98
3) Chloromethane	2.074	50	134444	26.297	ug/l	98
4) Vinyl Chloride	2.208	62	147122	23.688	ug/l	98
5) Bromomethane	2.598	94	157906	27.978	ug/l	96
6) Chloroethane	2.738	64	107679	26.532	ug/l	99
7) Trichlorofluoromethane	3.055	101	125536	23.956	ug/l	96
8) Diethyl Ether	3.464	74	27444	22.714	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.817	101	49269	21.431	ug/l	99
10) Methyl Iodide	4.019	142	50019	19.285	ug/l	99
11) Tert butyl alcohol	4.897	59	19308	119.376	ug/l	97
12) 1,1-Dichloroethene	3.799	96	48631	21.307	ug/l	96
13) Acrolein	3.665	56	24794	102.308	ug/l	99
14) Allyl chloride	4.391	41	75557	22.007	ug/l	99
15) Acrylonitrile	5.073	53	56731	116.484	ug/l	99
16) Acetone	3.885	43	42974	113.971	ug/l	94
17) Carbon Disulfide	4.116	76	152446	20.930	ug/l	99
18) Methyl Acetate	4.397	43	32296	22.865	ug/l	98
19) Methyl tert-butyl Ether	5.134	73	135345	22.336	ug/l	97
20) Methylene Chloride	4.628	84	55665	20.906	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	52156	20.931	ug/l	95
22) Diisopropyl ether	6.031	45	165331	21.818	ug/l	98
23) Vinyl Acetate	5.976	43	484839	111.434	ug/l	98
24) 1,1-Dichloroethane	5.921	63	96506	21.553	ug/l	98
25) 2-Butanone	6.908	43	71529	113.906	ug/l	100
26) 2,2-Dichloropropane	6.890	77	83691	20.642	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	61114	21.186	ug/l	98
28) Bromochloromethane	7.256	49	41852	22.384	ug/l	99
29) Tetrahydrofuran	7.280	42	49922	119.201	ug/l	98
30) Chloroform	7.433	83	96292	21.825	ug/l	96
31) Cyclohexane	7.713	56	91969	20.837	ug/l #	91
32) 1,1,1-Trichloroethane	7.628	97	85584	21.373	ug/l	99
36) 1,1-Dichloropropene	7.847	75	71878	20.541	ug/l	99
37) Ethyl Acetate	7.000	43	34104	22.933	ug/l	99
38) Carbon Tetrachloride	7.823	117	73360	20.125	ug/l	97
39) Methylcyclohexane	9.115	83	94592	20.336	ug/l	94
40) Benzene	8.091	78	216938	20.835	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	19377	21.468	ug/l	88
42) 1,2-Dichloroethane	8.164	62	59459	21.622	ug/l	98
43) Isopropyl Acetate	8.207	43	72871	22.425	ug/l #	87
44) Trichloroethene	8.871	130	52748	20.493	ug/l	89
45) 1,2-Dichloropropane	9.146	63	51691	21.130	ug/l	94
46) Dibromomethane	9.243	93	28793	21.069	ug/l	99
47) Bromodichloromethane	9.432	83	73499	20.914	ug/l	95
48) Methyl methacrylate	9.231	41	34348	22.770	ug/l	99
49) 1,4-Dioxane	9.237	88	6938	459.638	ug/l	94
51) 4-Methyl-2-Pentanone	10.005	43	180359	112.489	ug/l	99
52) Toluene	10.176	92	130911	20.130	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	69246	21.154	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	79429	20.650	ug/l	96
55) 1,1,2-Trichloroethane	10.578	97	36436	21.088	ug/l	98
56) Ethyl methacrylate	10.444	69	52736	21.269	ug/l	98
57) 1,3-Dichloropropane	10.725	76	66794	21.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	124474	100.727	ug/l	98
59) 2-Hexanone	10.767	43	119129	113.375	ug/l	99
60) Dibromochloromethane	10.920	129	46556	21.093	ug/l	98
61) 1,2-Dibromoethane	11.024	107	33658	21.298	ug/l	98
64) Tetrachloroethene	10.652	164	56988	20.927	ug/l	96
65) Chlorobenzene	11.450	112	137324	20.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	45717	19.790	ug/l	98
67) Ethyl Benzene	11.523	91	248860	19.657	ug/l	97
68) m/p-Xylenes	11.633	106	186984	38.956	ug/l	97
69) o-Xylene	11.962	106	89547	19.850	ug/l	99
70) Styrene	11.975	104	150631	20.053	ug/l	100
71) Bromoform	12.139	173	25838	21.354	ug/l #	97
73) Isopropylbenzene	12.261	105	231788	19.767	ug/l	99
74) N-amyl acetate	12.078	43	62329	21.723	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	38907	21.059	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	56312	37.733	ug/l #	100
77) Bromobenzene	12.535	156	50007	19.817	ug/l	97
78) n-propylbenzene	12.603	91	280089	19.904	ug/l	100
79) 2-Chlorotoluene	12.682	91	149938	19.683	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	183061	19.980	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	13668	20.711	ug/l	96
82) 4-Chlorotoluene	12.785	91	154200	19.655	ug/l	99
83) tert-Butylbenzene	13.005	119	166325	20.093	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	179206	19.437	ug/l	100
85) sec-Butylbenzene	13.182	105	247028	20.122	ug/l	99
86) p-Isopropyltoluene	13.297	119	201014	19.608	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	98707	19.441	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	95858	19.745	ug/l	96
89) n-Butylbenzene	13.621	91	193195	20.100	ug/l	100
90) Hexachloroethane	13.883	117	41291	20.240	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	86130	20.310	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6529	22.870	ug/l	88
93) 1,2,4-Trichlorobenzene	14.925	180	46466	19.764	ug/l	96
94) Hexachlorobutadiene	15.029	225	25447	20.624	ug/l	96
95) Naphthalene	15.151	128	90867	20.906	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	39732	20.606	ug/l	97

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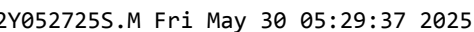
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

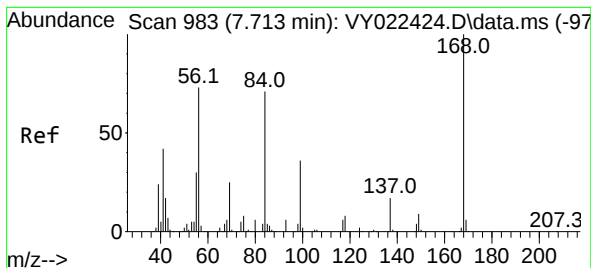
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Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY022455.D

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Instrument :

MSVOA_Y

ClientSampleId :

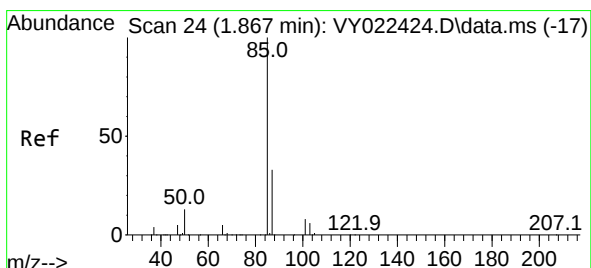
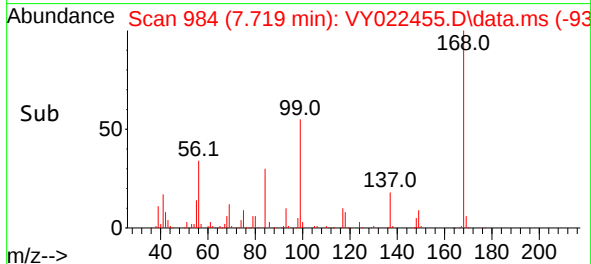
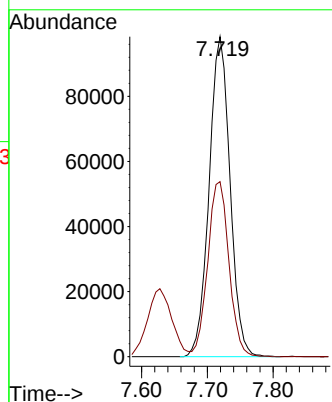
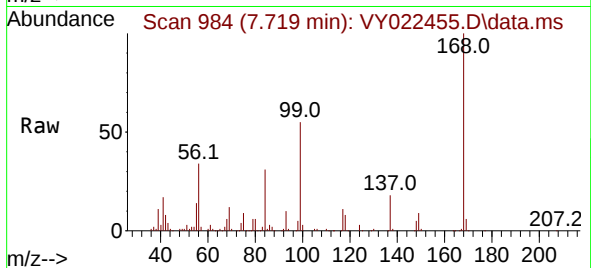
VY0529SBS01

Tgt Ion:168 Resp: 217849

Ion Ratio Lower Upper

168 100

99 54.7 44.7 67.1



#2

Dichlorodifluoromethane

Concen: 22.463 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.006 min

Lab File: VY022455.D

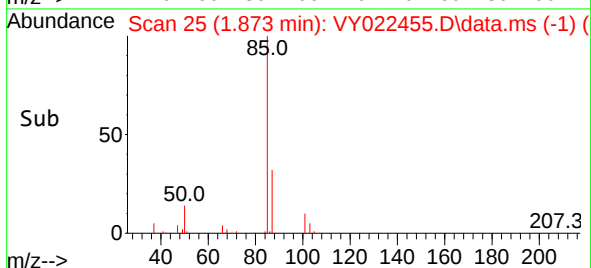
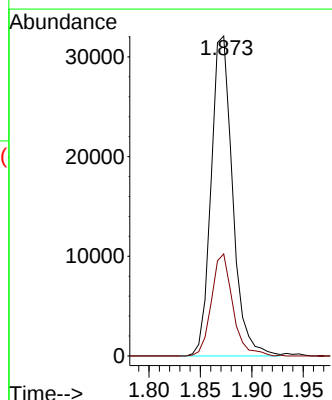
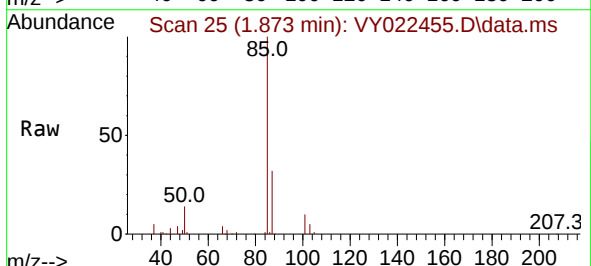
Acq: 29 May 2025 09:27

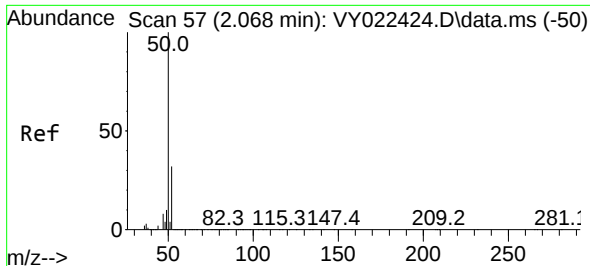
Tgt Ion: 85 Resp: 46688

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2

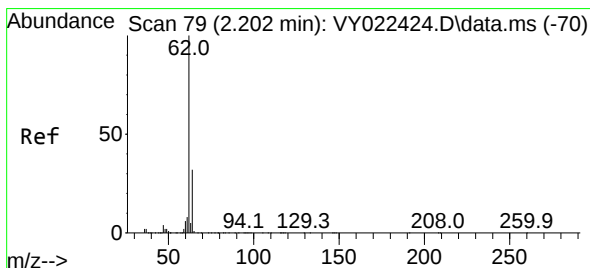
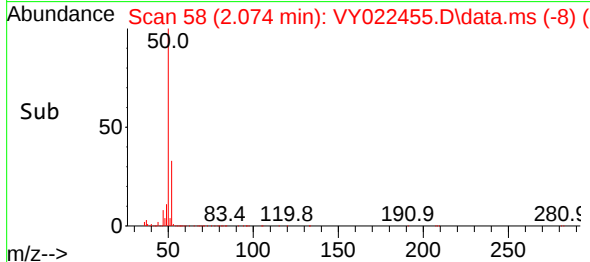
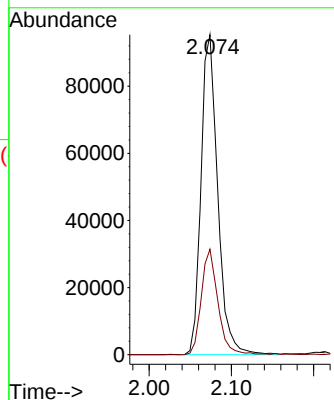
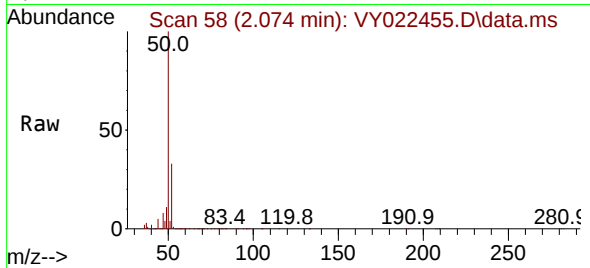




#3
Chloromethane
Concen: 26.297 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

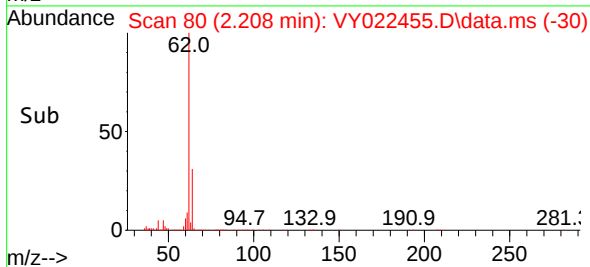
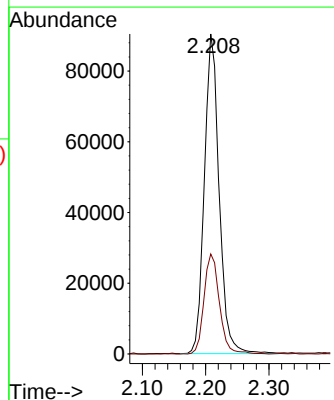
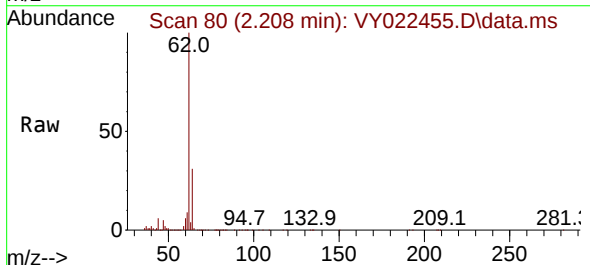
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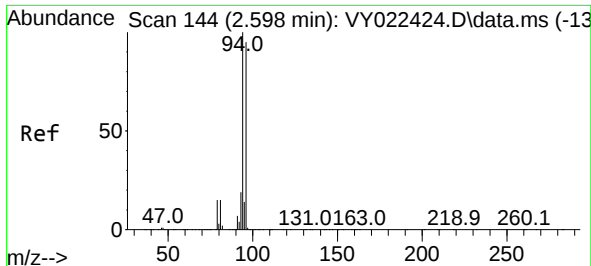
Tgt Ion: 50 Resp: 134444
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3



#4
Vinyl Chloride
Concen: 23.688 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 62 Resp: 147122
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0

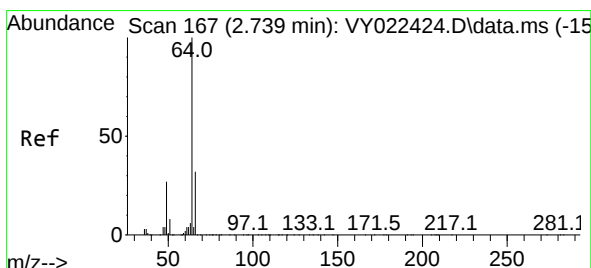
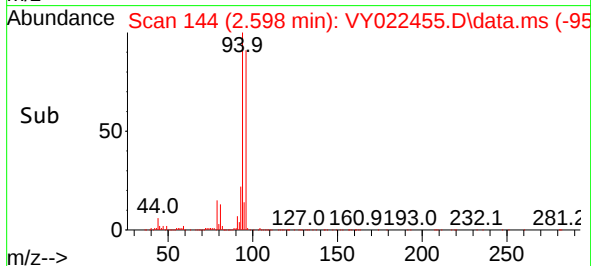
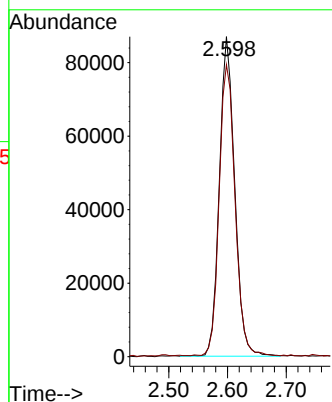
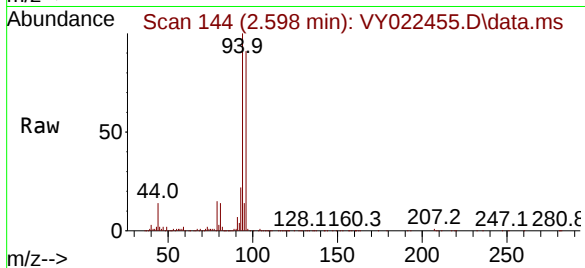




#5
Bromomethane
Concen: 27.978 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

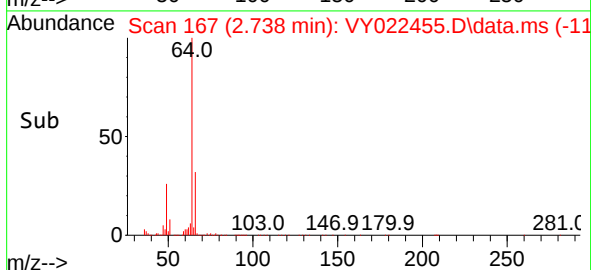
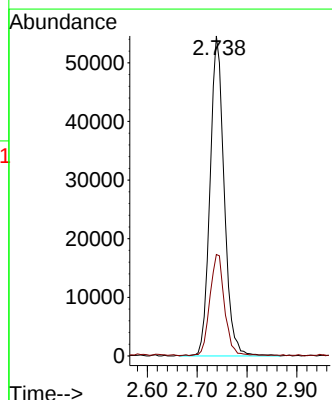
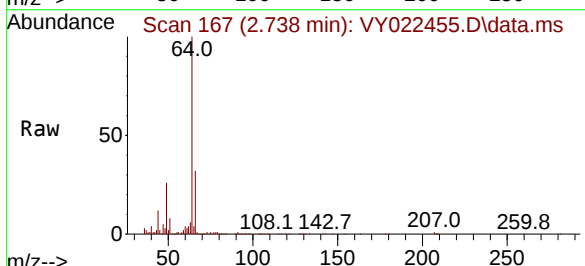
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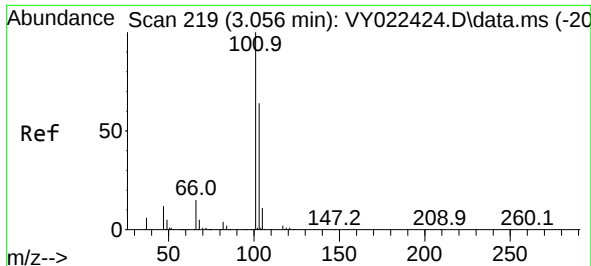
Tgt Ion: 94 Resp: 157906
Ion Ratio Lower Upper
94 100
96 91.1 76.0 114.0



#6
Chloroethane
Concen: 26.532 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 64 Resp: 107679
Ion Ratio Lower Upper
64 100
66 31.6 25.9 38.9

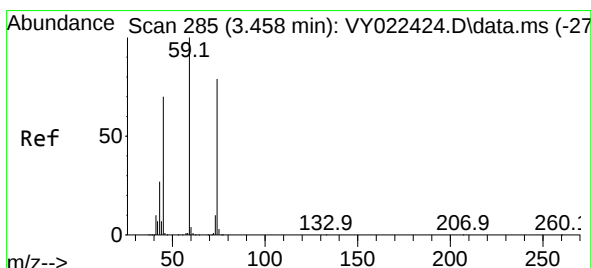
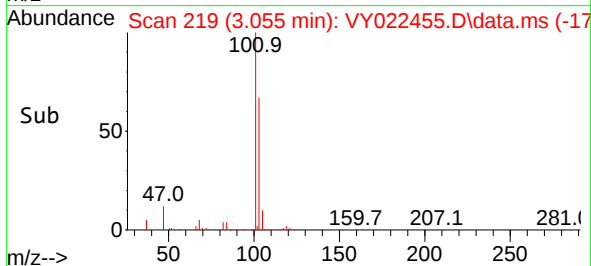
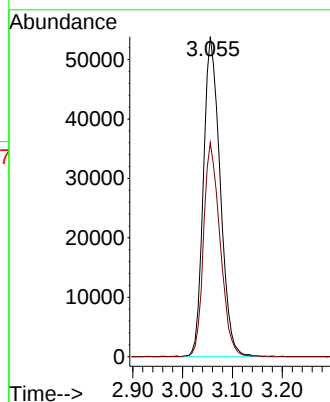
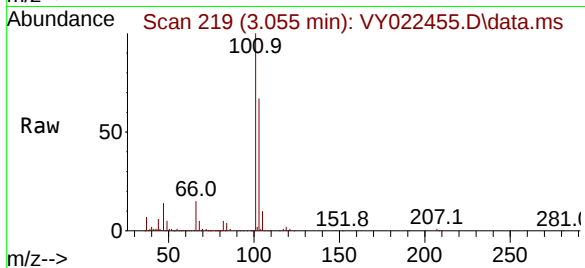




#7
 Trichlorofluoromethane
 Concen: 23.956 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY022455.D
 Acq: 29 May 2025 09:27

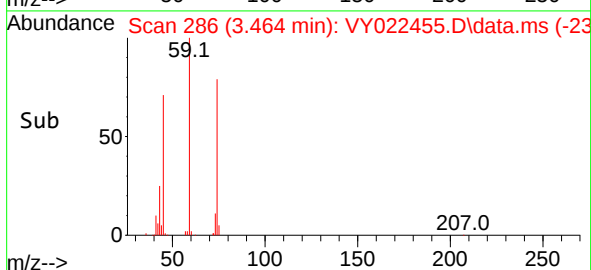
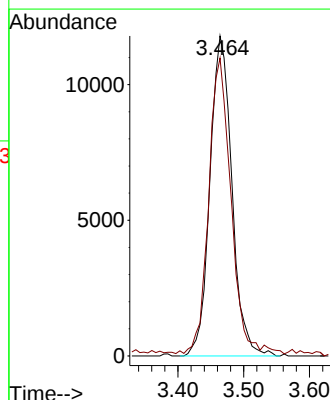
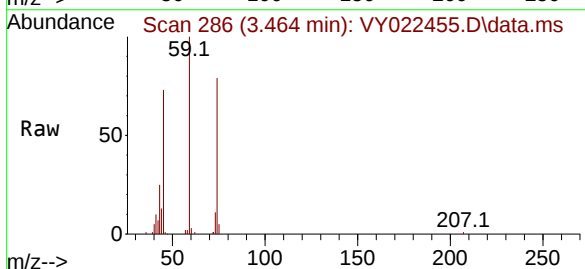
Instrument :
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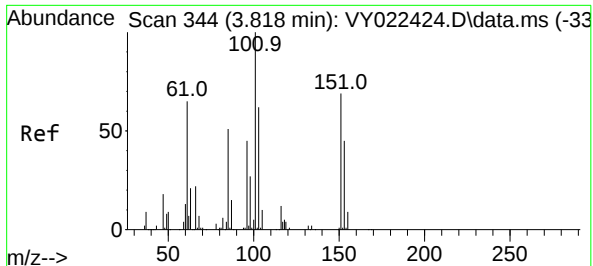
Tgt Ion:101 Resp: 125536
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.9 76.3



#8
 Diethyl Ether
 Concen: 22.714 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY022455.D
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Tgt Ion: 74 Resp: 27444
 Ion Ratio Lower Upper
 74 100
 45 93.5 44.9 134.5

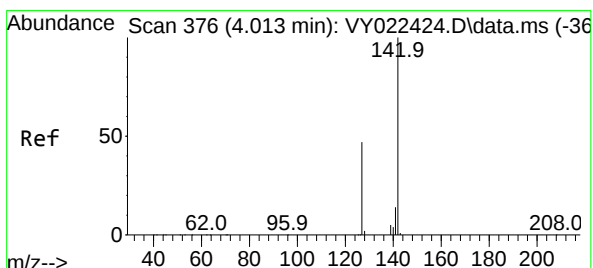
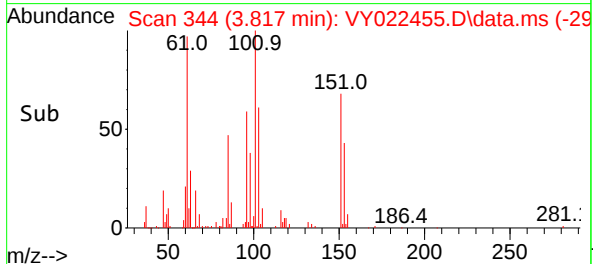
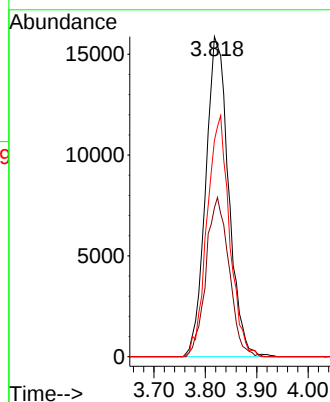
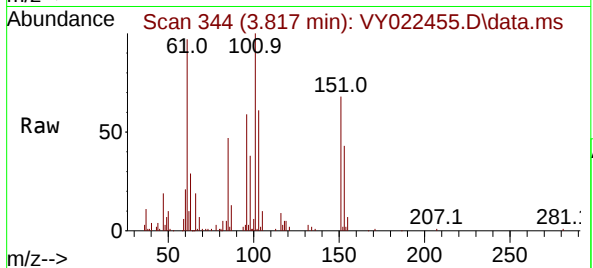




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.431 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

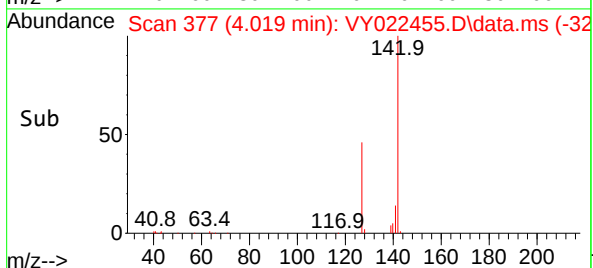
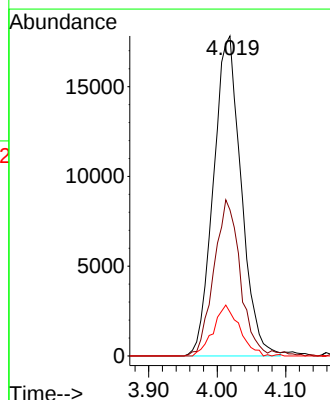
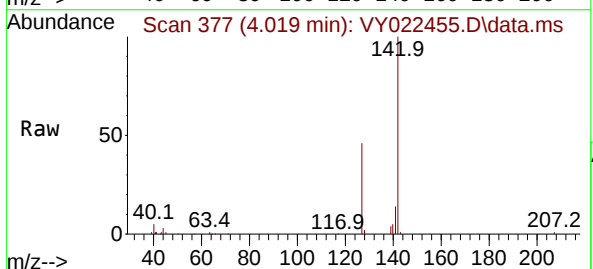
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

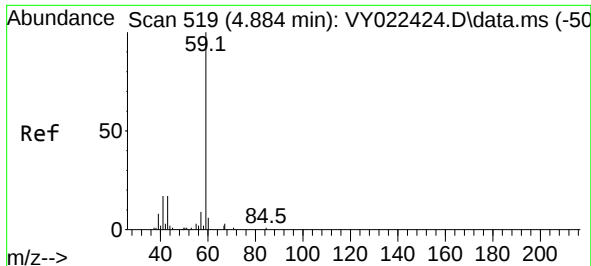
Tgt Ion:101 Resp: 49269
Ion Ratio Lower Upper
101 100
85 49.9 39.2 58.8
151 73.9 58.8 88.2



#10
Methyl Iodide
Concen: 19.285 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion:142 Resp: 50019
Ion Ratio Lower Upper
142 100
127 46.2 36.2 54.4
141 15.0 11.6 17.4

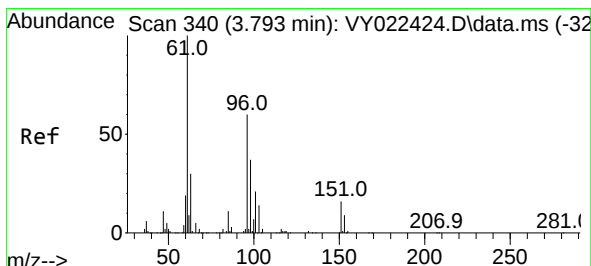
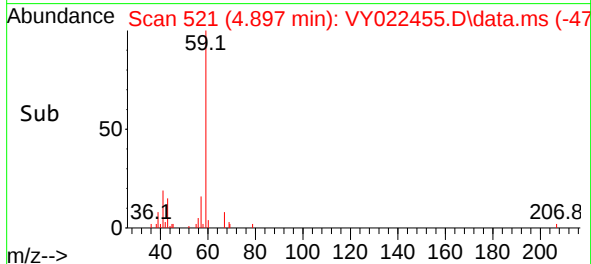
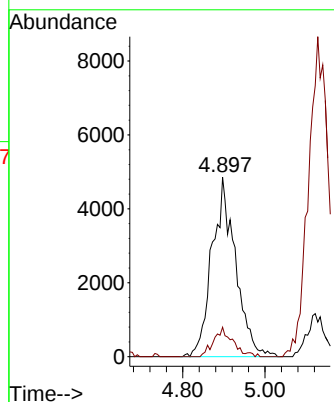
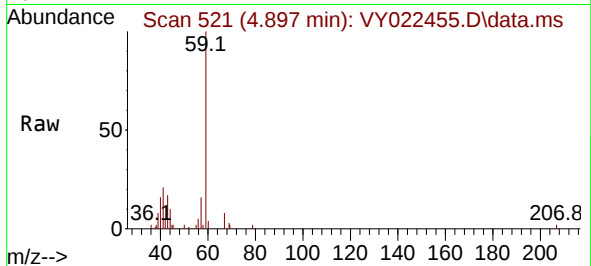




#11
Tert butyl alcohol
Concen: 119.376 ug/l
RT: 4.897 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

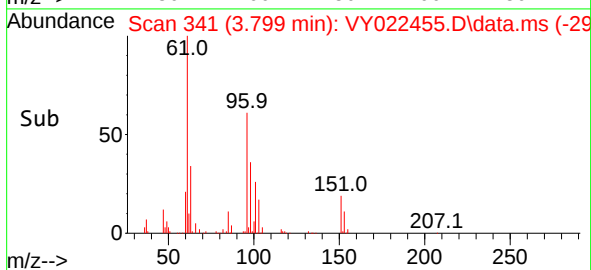
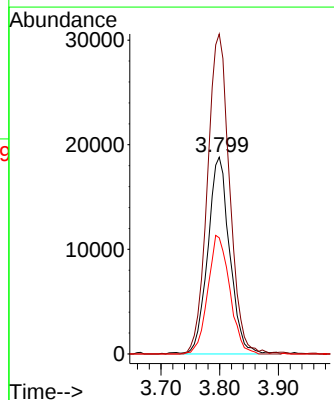
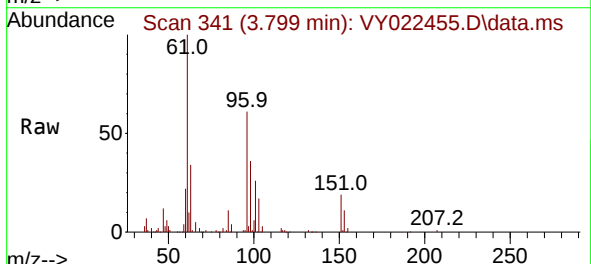
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

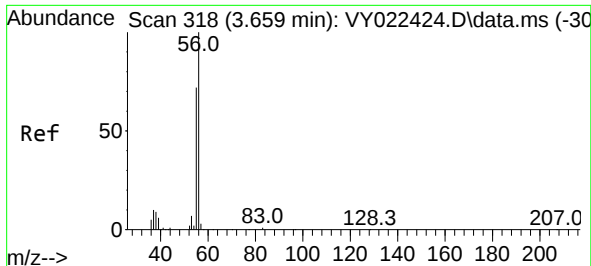
Tgt Ion: 59 Resp: 19308
Ion Ratio Lower Upper
59 100
57 12.5 9.1 13.7



#12
1,1-Dichloroethene
Concen: 21.307 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 96 Resp: 48631
Ion Ratio Lower Upper
96 100
61 162.7 134.1 201.1
98 59.1 50.2 75.2





#13

Acrolein

Concen: 102.308 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

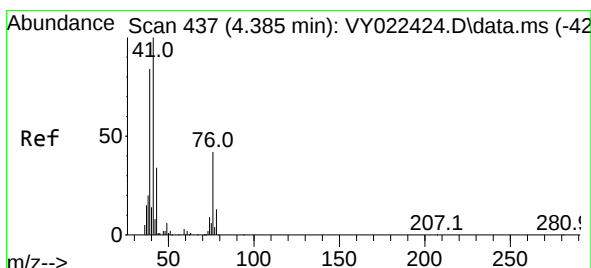
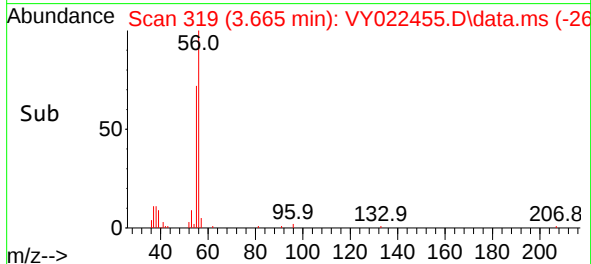
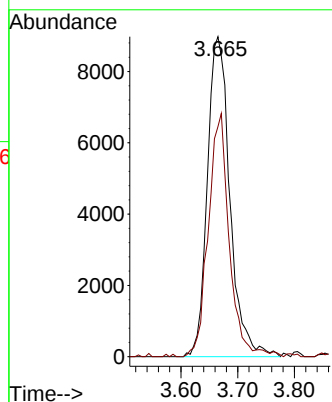
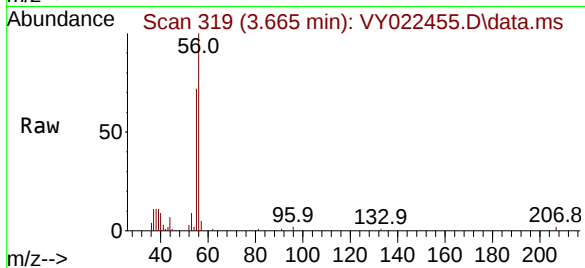
VY0529SBS01

Tgt Ion: 56 Resp: 24794

Ion Ratio Lower Upper

56 100

55 70.0 56.5 84.7



#14

Allyl chloride

Concen: 22.007 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

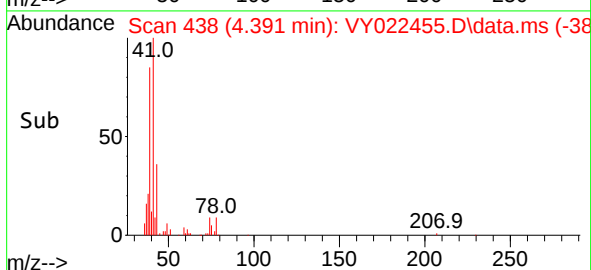
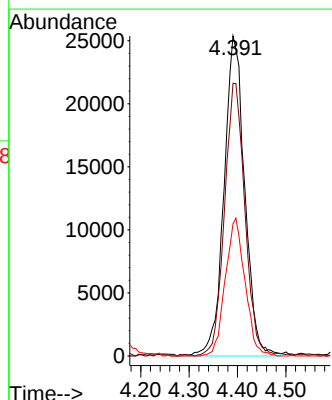
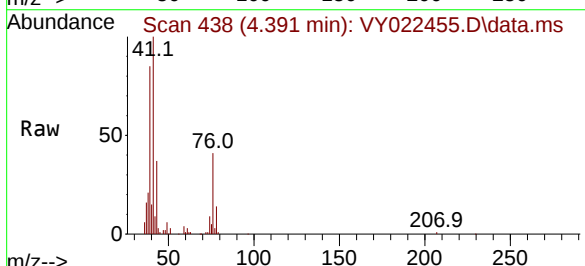
Tgt Ion: 41 Resp: 75557

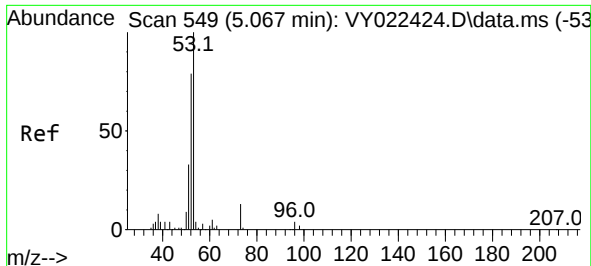
Ion Ratio Lower Upper

41 100

39 84.4 66.6 100.0

76 41.0 33.7 50.5

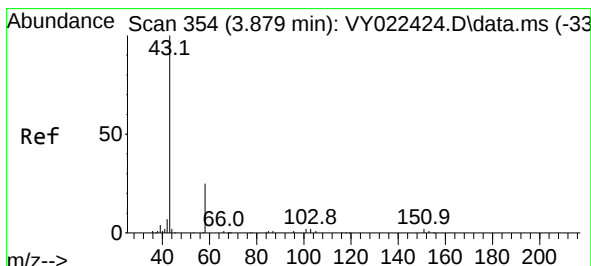
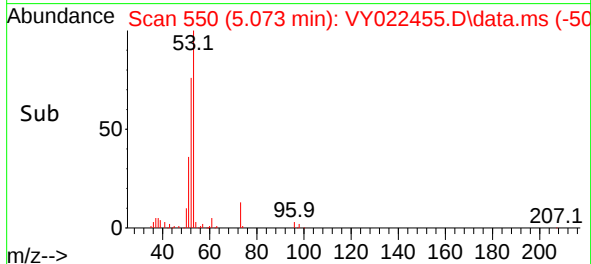
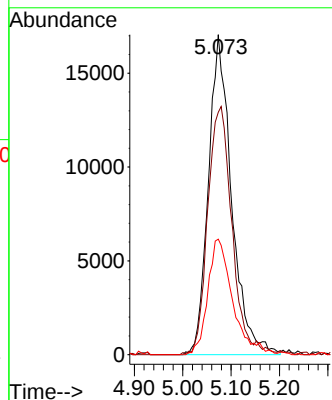
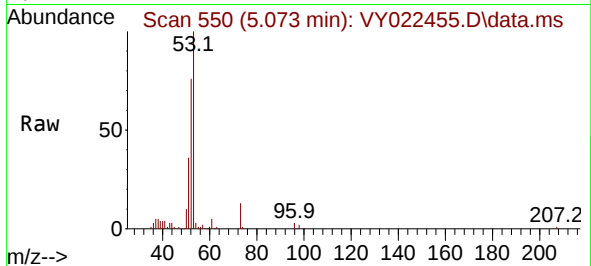




#15
Acrylonitrile
Concen: 116.484 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

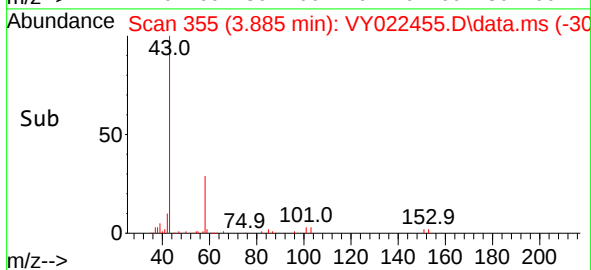
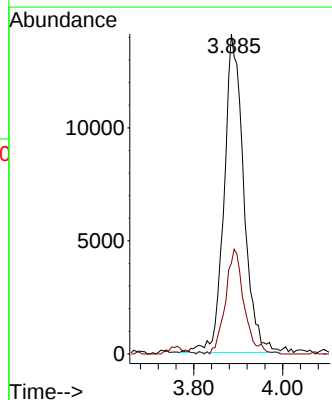
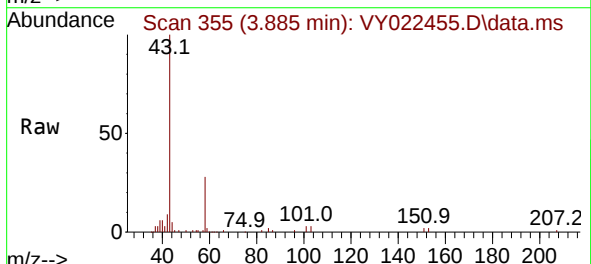
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

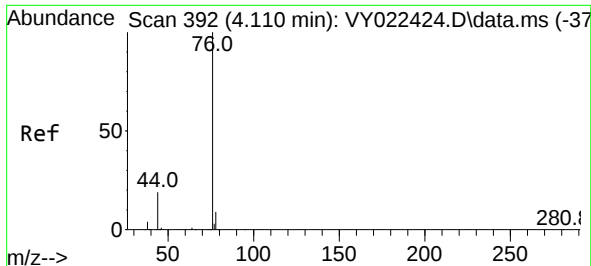
Tgt Ion: 53 Resp: 56731
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 38.6 30.0 45.0



#16
Acetone
Concen: 113.971 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 43 Resp: 42974
Ion Ratio Lower Upper
43 100
58 28.5 20.6 30.8

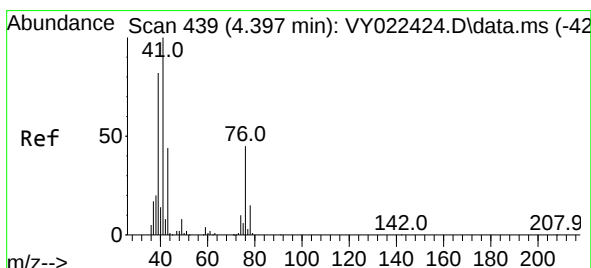
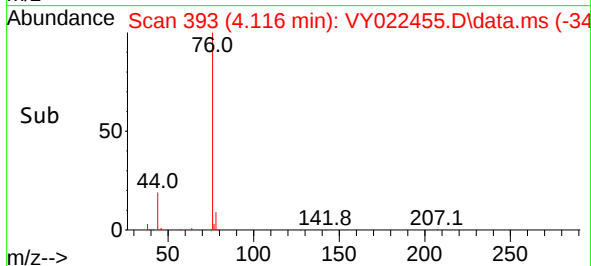
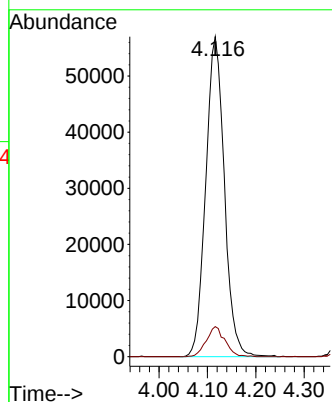
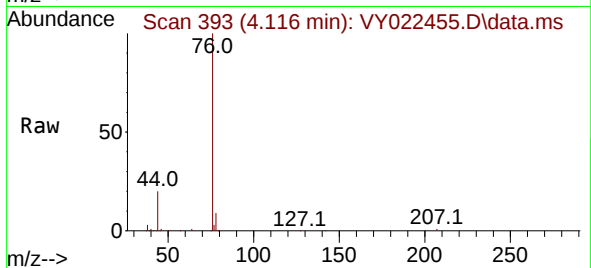




#17
Carbon Disulfide
Concen: 20.930 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

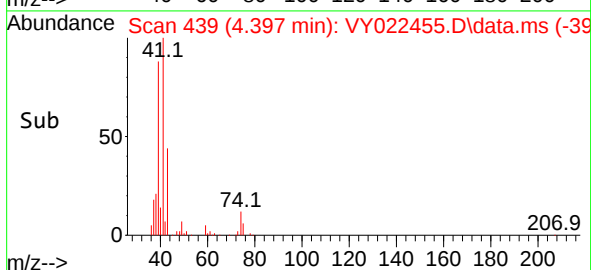
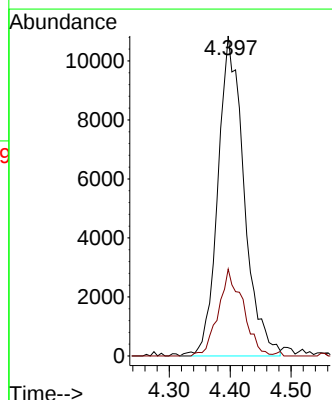
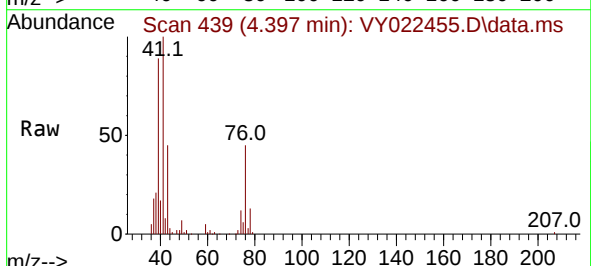
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

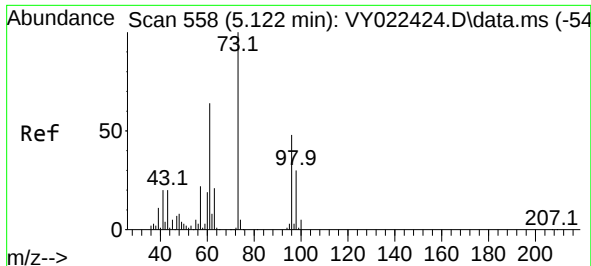
Tgt Ion: 76 Resp: 152446
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 22.865 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 43 Resp: 32296
Ion Ratio Lower Upper
43 100
74 25.7 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 22.336 ug/l

RT: 5.134 min Scan# 5

Delta R.T. 0.012 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

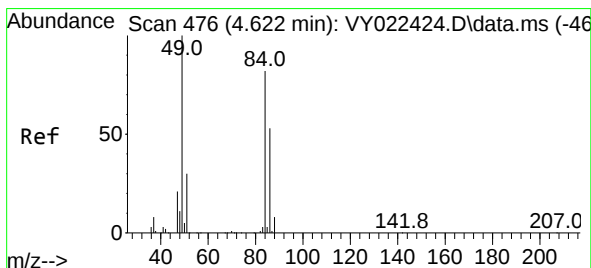
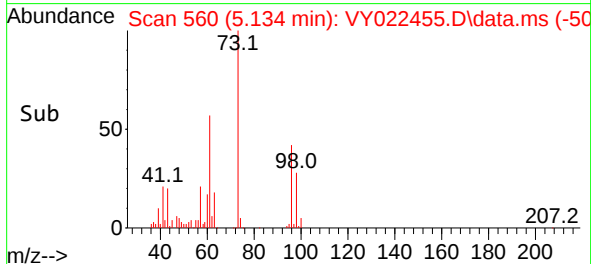
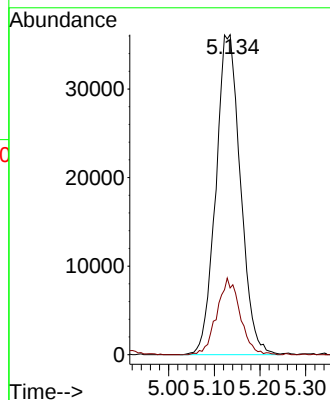
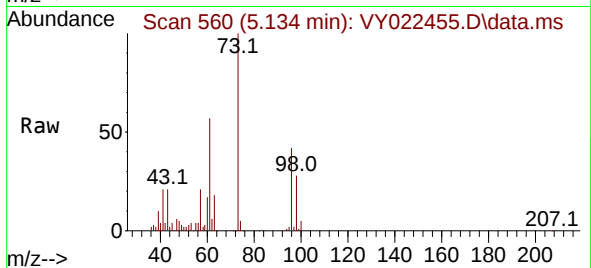
VY0529SBS01

Tgt Ion: 73 Resp: 135345

Ion Ratio Lower Upper

73 100

57 20.9 17.7 26.5



#20

Methylene Chloride

Concen: 20.906 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Tgt Ion: 84 Resp: 55665

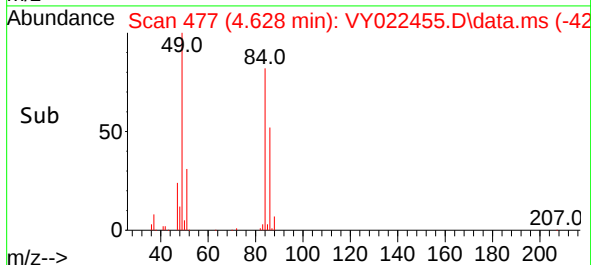
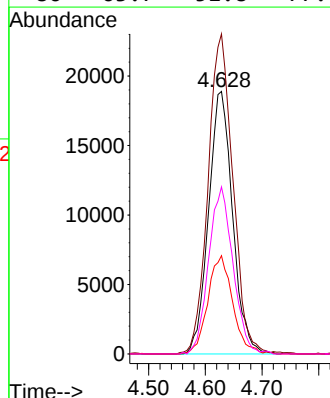
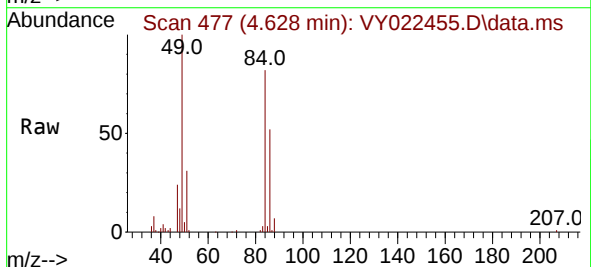
Ion Ratio Lower Upper

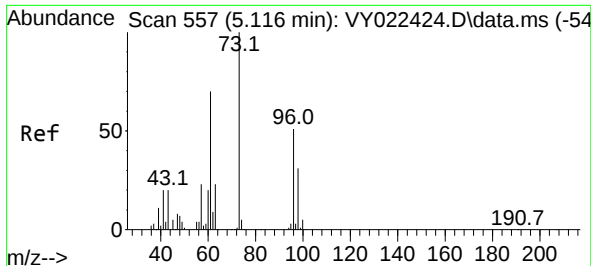
84 100

49 121.3 97.8 146.8

51 37.4 29.5 44.3

86 63.7 51.8 77.6

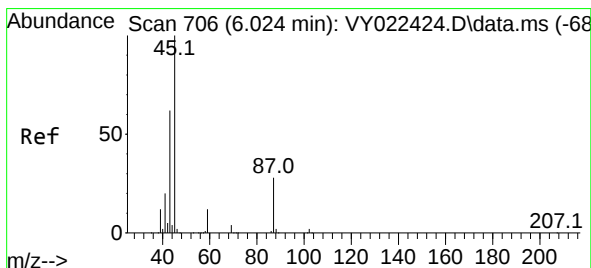
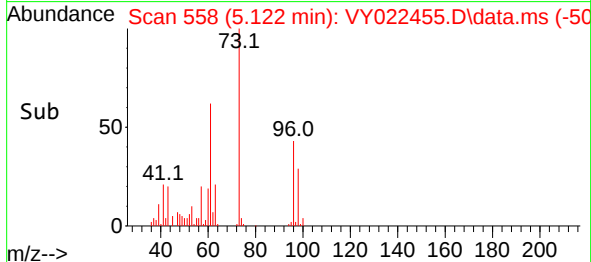
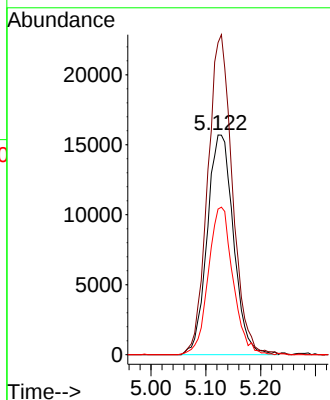
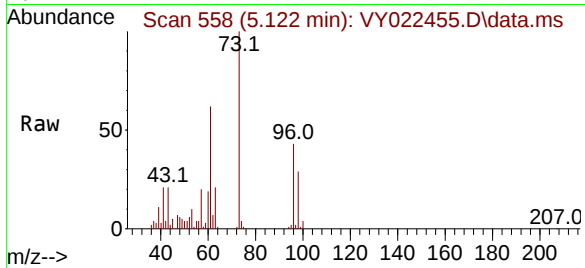




#21
trans-1,2-Dichloroethene
Concen: 20.931 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

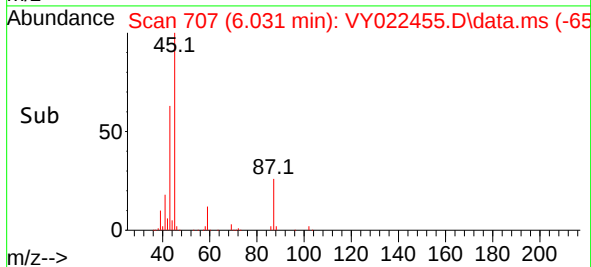
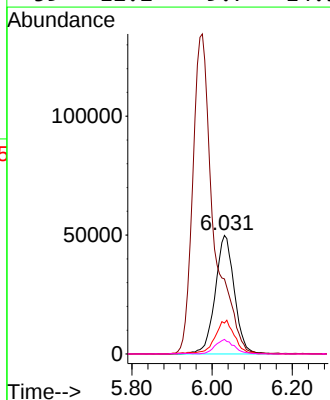
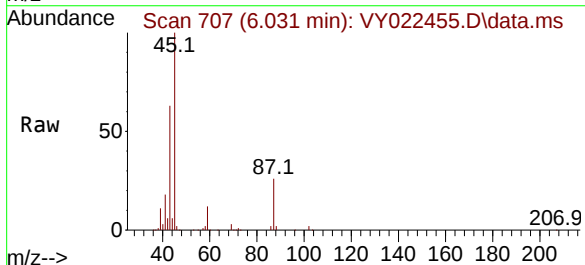
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

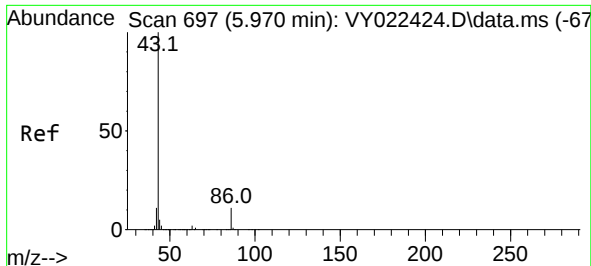
Tgt Ion: 96 Resp: 52156
Ion Ratio Lower Upper
96 100
61 142.0 110.4 165.6
98 66.3 48.6 73.0



#22
Diisopropyl ether
Concen: 21.818 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 45 Resp: 165331
Ion Ratio Lower Upper
45 100
43 62.5 49.8 74.8
87 26.1 23.0 34.6
59 12.2 9.7 14.5

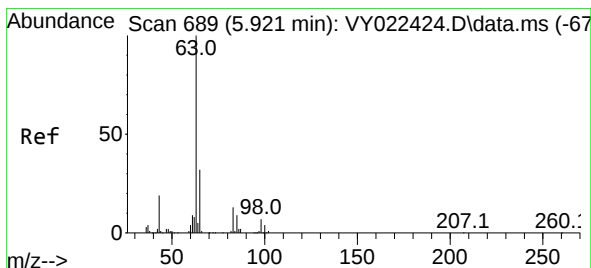
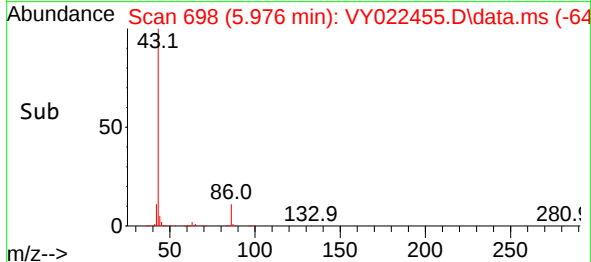
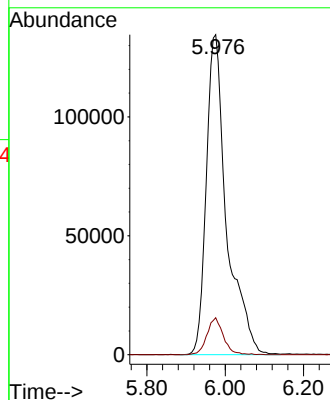
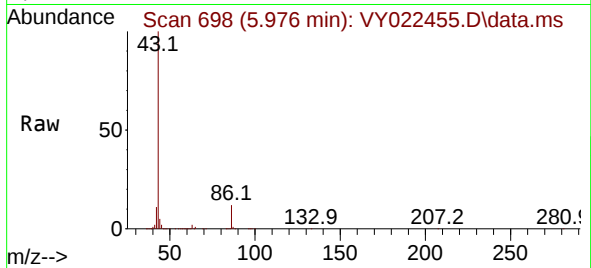




#23
 Vinyl Acetate
 Concen: 111.434 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY022455.D
 Acq: 29 May 2025 09:27

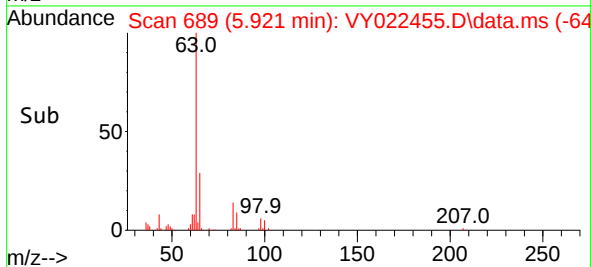
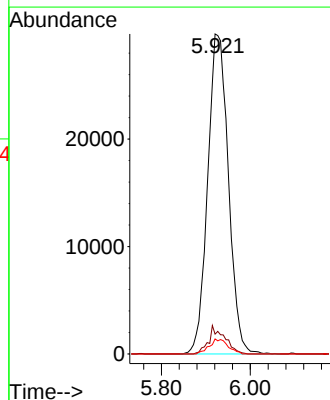
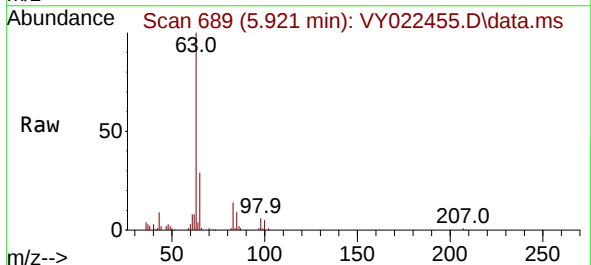
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

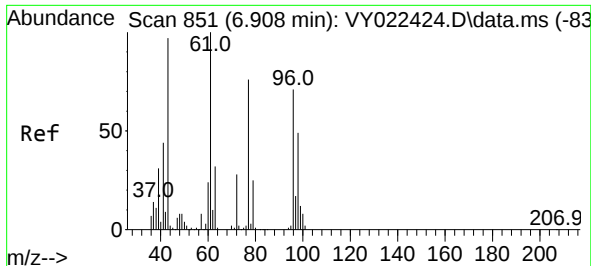
Tgt Ion: 43 Resp: 484839
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 21.553 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022455.D
 Acq: 29 May 2025 09:27

Tgt Ion: 63 Resp: 96506
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.5
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 113.906 ug/l

RT: 6.908 min Scan# 851

Delta R.T. -0.000 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

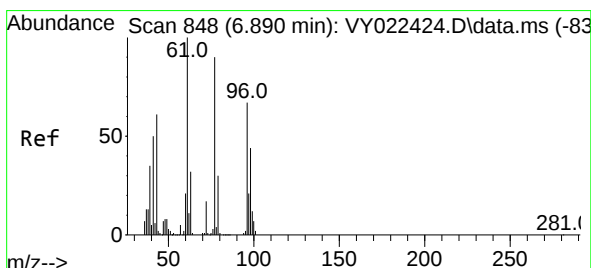
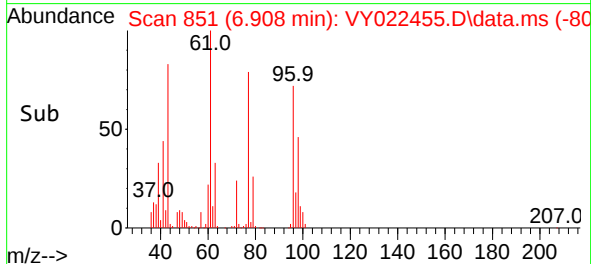
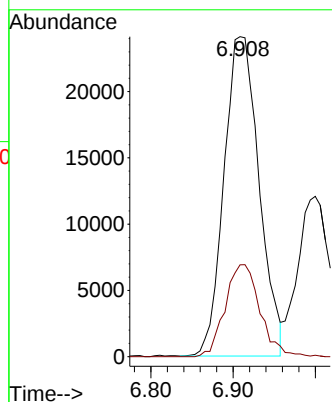
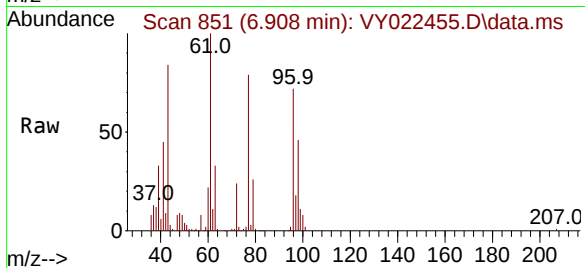
VY0529SBS01

Tgt Ion: 43 Resp: 71529

Ion Ratio Lower Upper

43 100

72 28.7 22.8 34.2



#26

2,2-Dichloropropane

Concen: 20.642 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022455.D

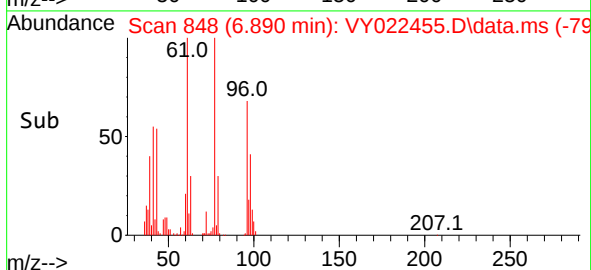
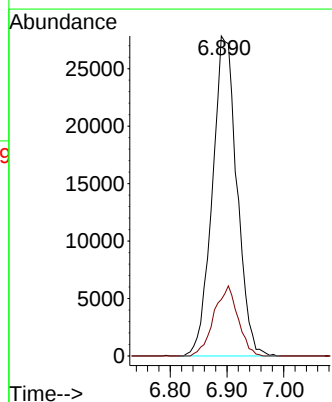
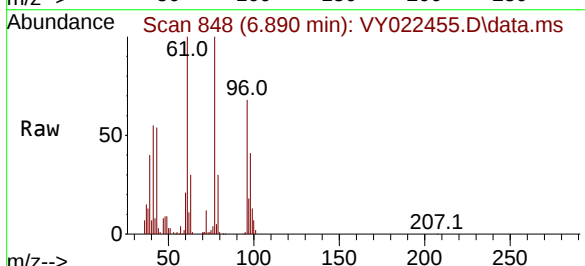
Acq: 29 May 2025 09:27

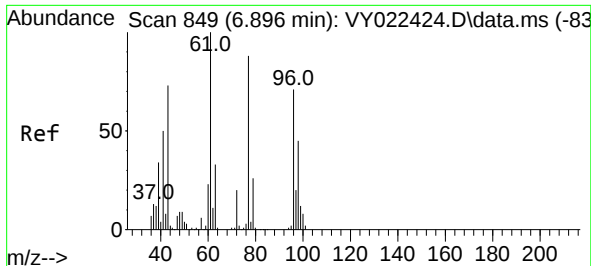
Tgt Ion: 77 Resp: 83691

Ion Ratio Lower Upper

77 100

97 21.5 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 21.186 ug/l

RT: 6.902 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

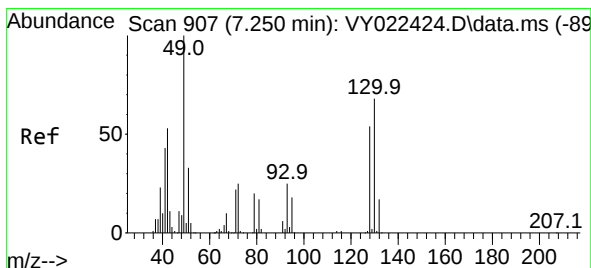
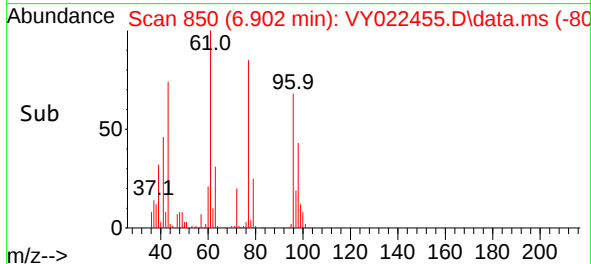
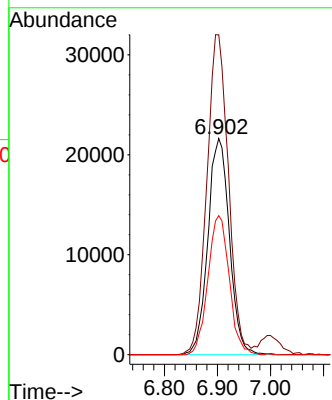
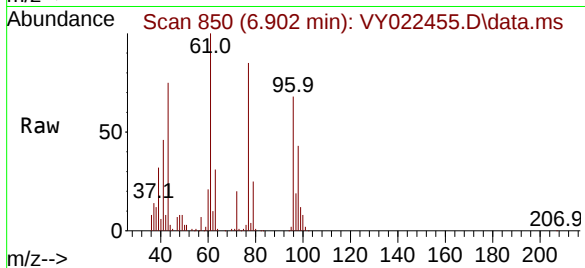
Tgt Ion: 96 Resp: 61114

Ion Ratio Lower Upper

96 100

61 148.1 0.0 292.0

98 63.5 0.0 131.0



#28

Bromochloromethane

Concen: 22.384 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

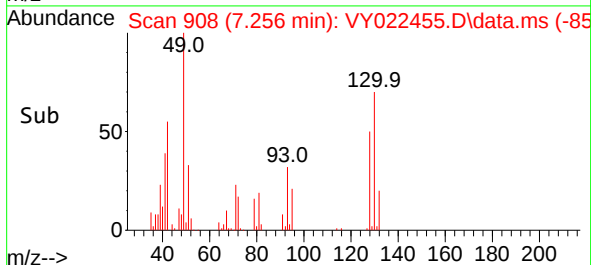
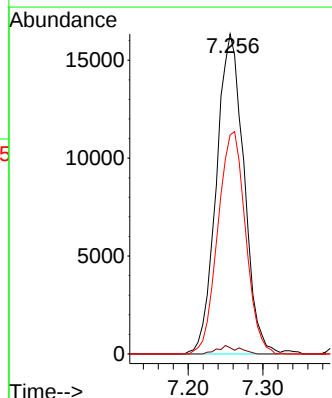
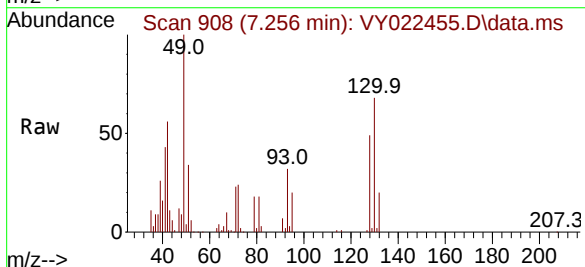
Tgt Ion: 49 Resp: 41852

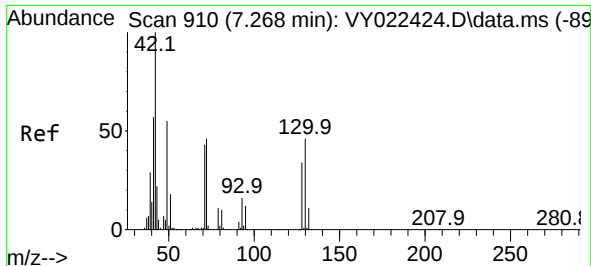
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 70.0 56.9 85.3





#29

Tetrahydrofuran

Concen: 119.201 ug/l

RT: 7.280 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

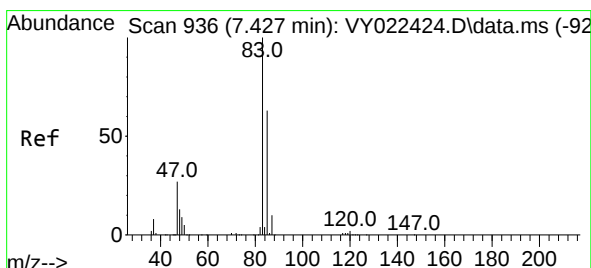
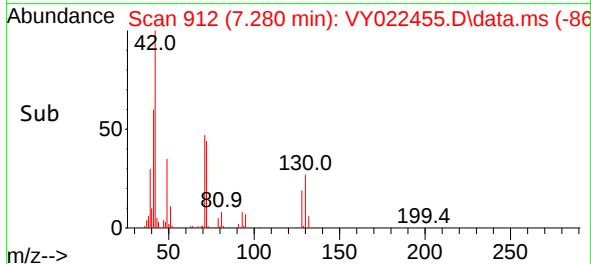
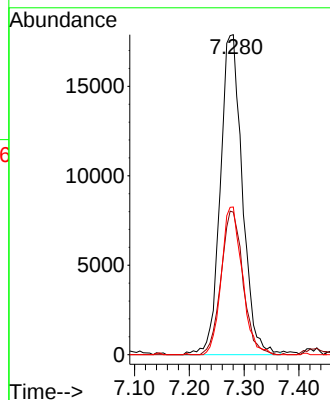
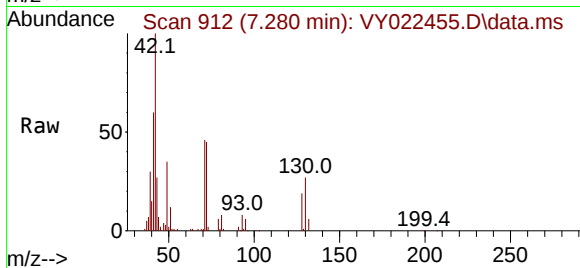
Tgt Ion: 42 Resp: 49922

Ion Ratio Lower Upper

42 100

72 44.7 37.7 56.5

71 43.8 34.7 52.1



#30

Chloroform

Concen: 21.825 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY022455.D

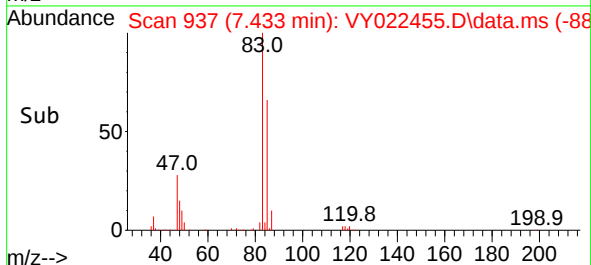
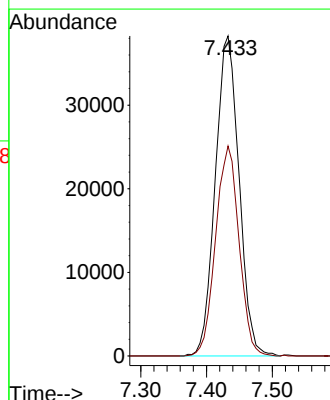
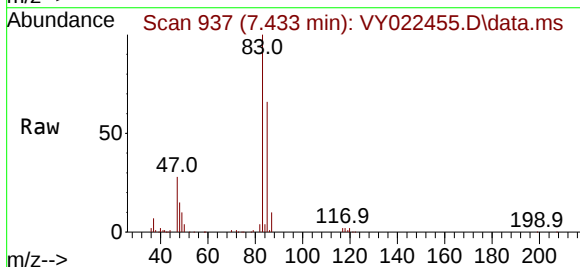
Acq: 29 May 2025 09:27

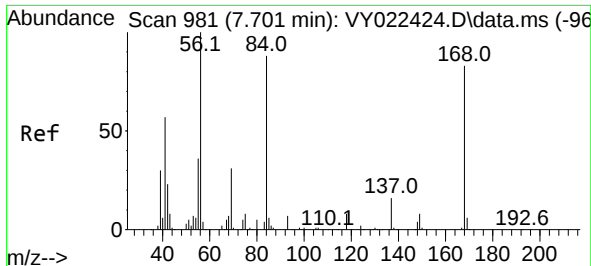
Tgt Ion: 83 Resp: 96292

Ion Ratio Lower Upper

83 100

85 65.6 50.1 75.1

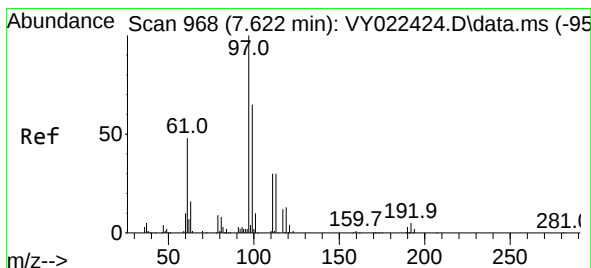
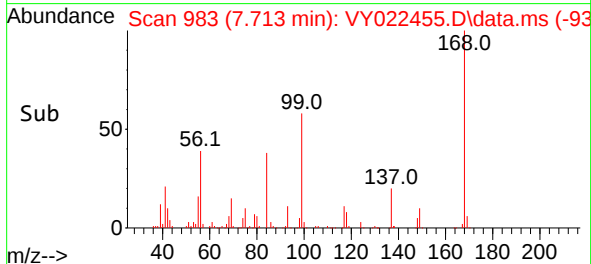
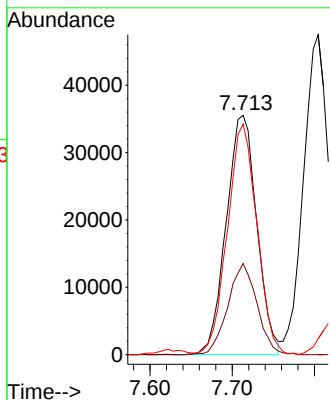
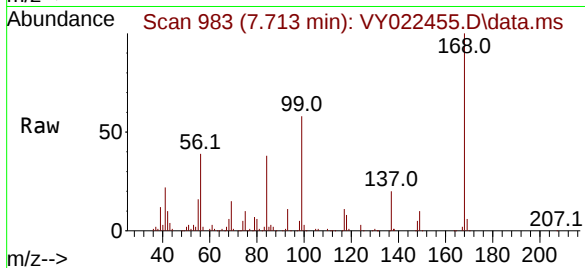




#31
Cyclohexane
Concen: 20.837 ug/l
RT: 7.713 min Scan# 919
Delta R.T. 0.012 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

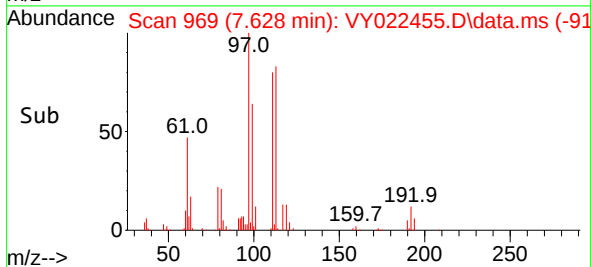
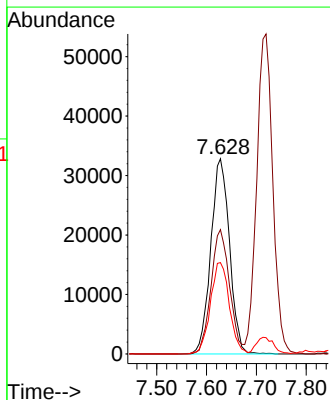
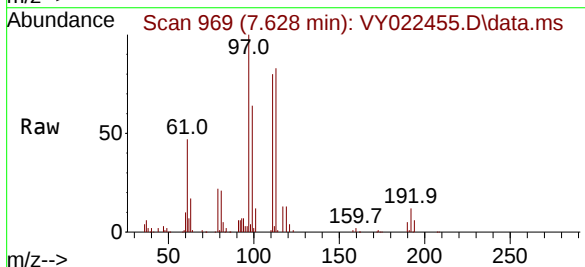
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

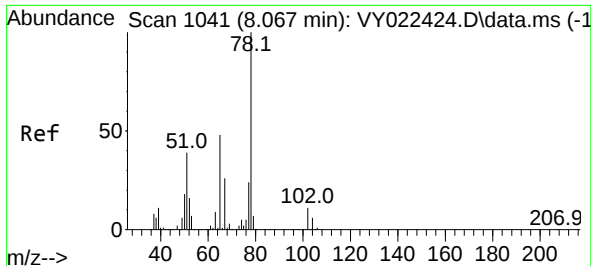
Tgt Ion: 56 Resp: 91969
Ion Ratio Lower Upper
56 100
69 38.1 24.6 36.8#
84 94.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 21.373 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 97 Resp: 85584
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 47.5 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 53.498 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

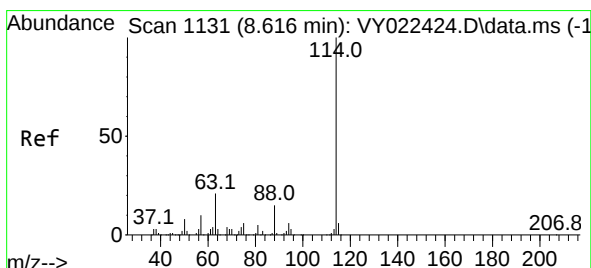
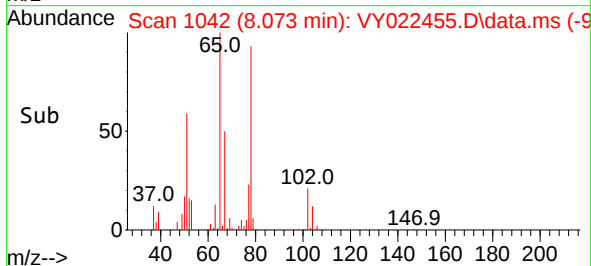
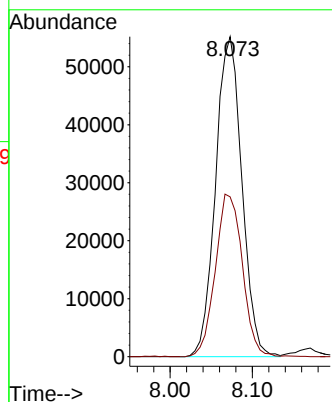
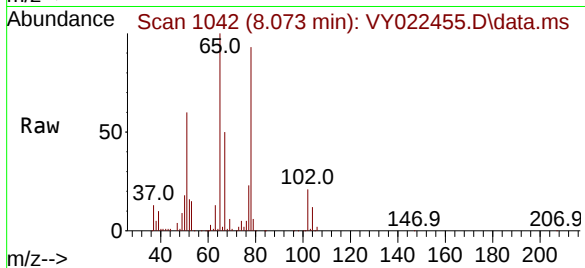
VY0529SBS01

Tgt Ion: 65 Resp: 122757

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

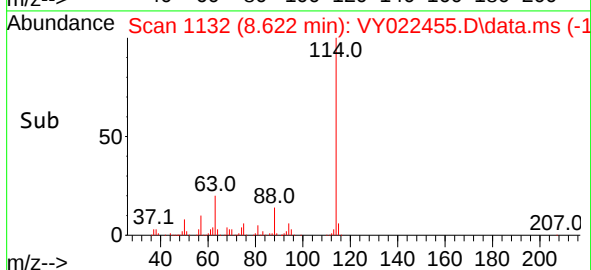
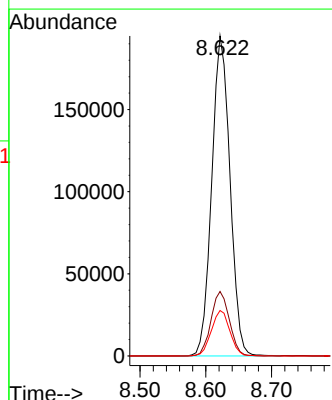
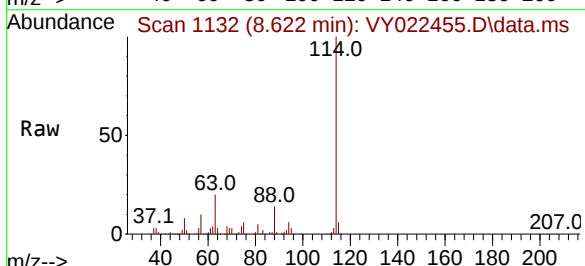
Tgt Ion: 114 Resp: 376540

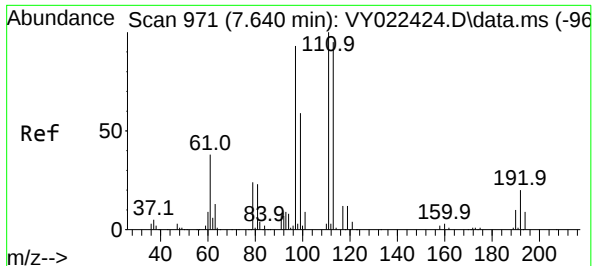
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

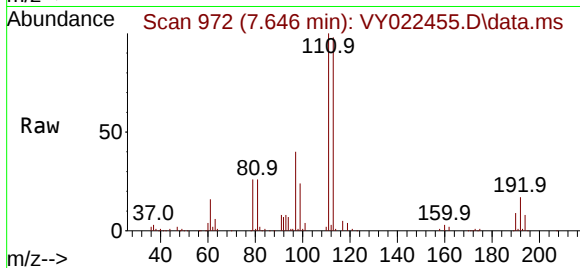
88 14.2 0.0 29.4



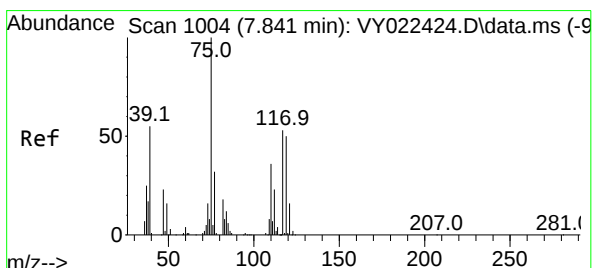
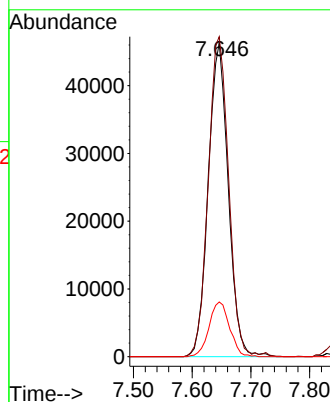
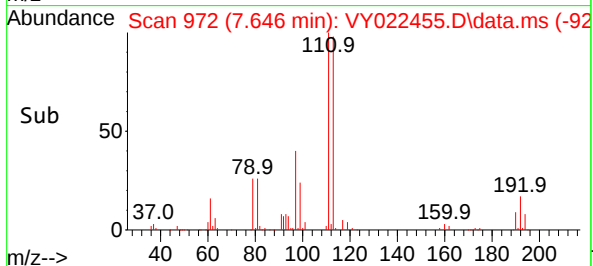


#35
Dibromofluoromethane
Concen: 49.575 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

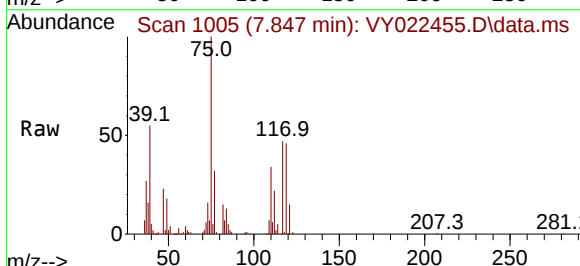
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01



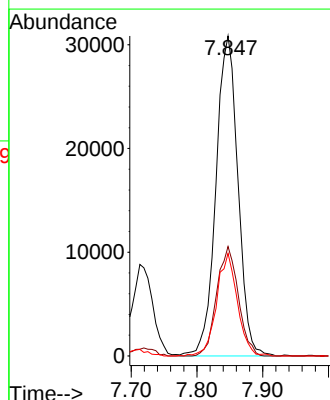
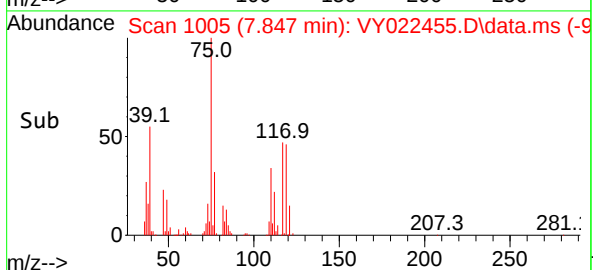
Tgt Ion:113 Resp: 109319
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 17.9 15.2 22.8

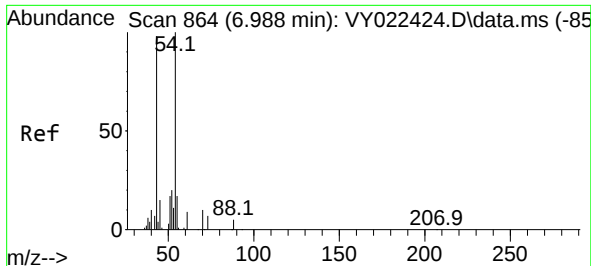


#36
1,1-Dichloropropene
Concen: 20.541 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27



Tgt Ion: 75 Resp: 71878
Ion Ratio Lower Upper
75 100
110 33.6 17.1 51.2
77 30.3 25.1 37.7





#37

Ethyl Acetate

Concen: 22.933 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

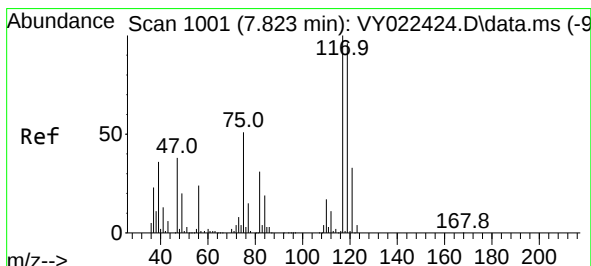
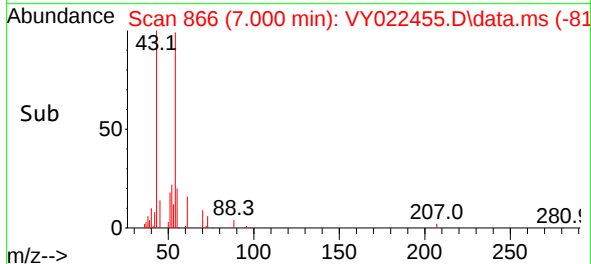
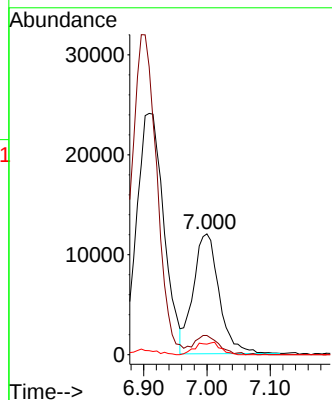
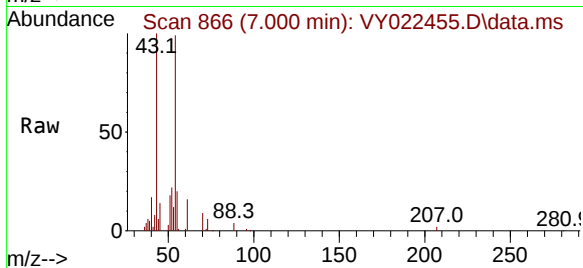
Tgt Ion: 43 Resp: 34104

Ion Ratio Lower Upper

43 100

61 15.0 11.7 17.5

70 9.7 7.8 11.6



#38

Carbon Tetrachloride

Concen: 20.125 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

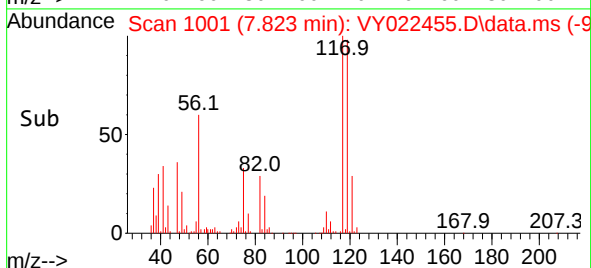
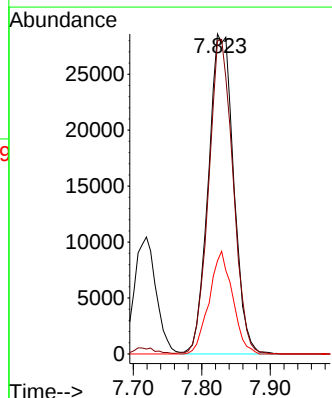
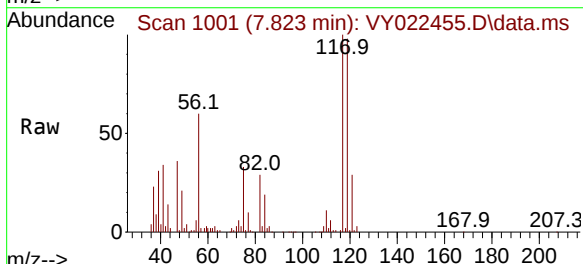
Tgt Ion: 117 Resp: 73360

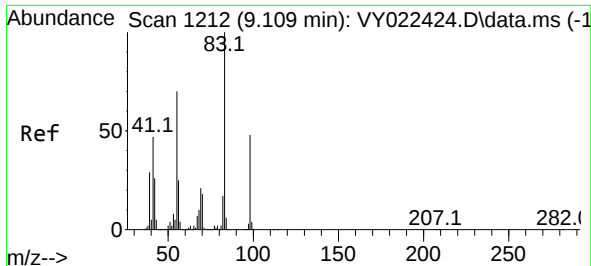
Ion Ratio Lower Upper

117 100

119 97.8 76.3 114.5

121 29.1 26.1 39.1





#39

Methylcyclohexane

Concen: 20.336 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

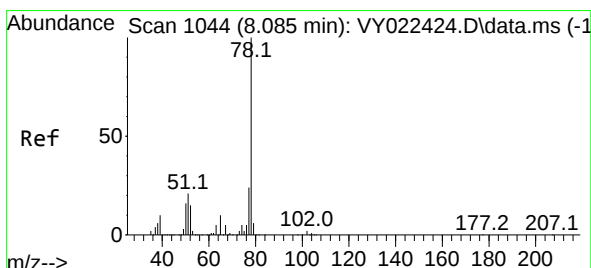
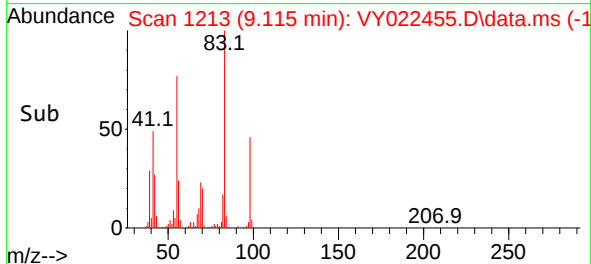
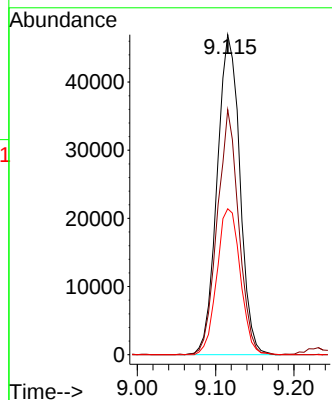
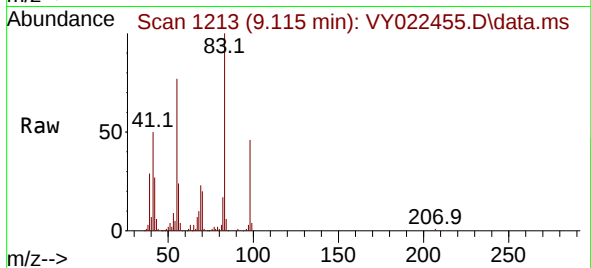
Tgt Ion: 83 Resp: 94592

Ion Ratio Lower Upper

83 100

55 76.6 56.2 84.2

98 45.6 38.4 57.6



#40

Benzene

Concen: 20.835 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY022455.D

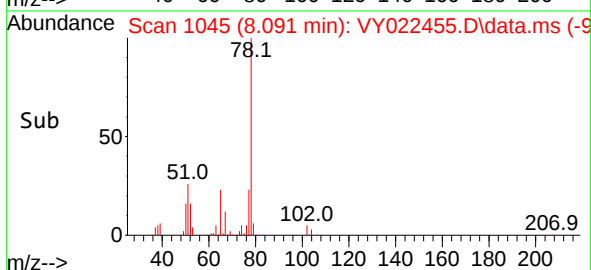
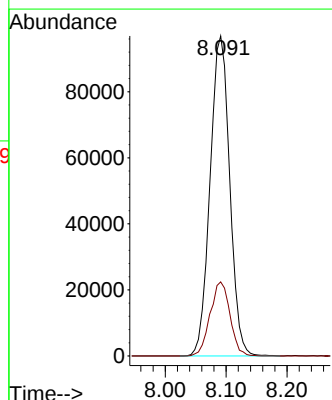
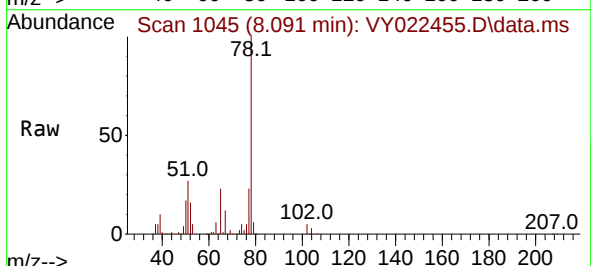
Acq: 29 May 2025 09:27

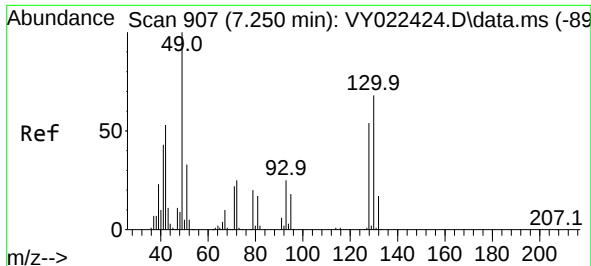
Tgt Ion: 78 Resp: 216938

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.2

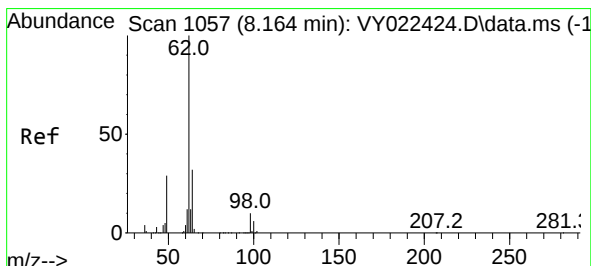
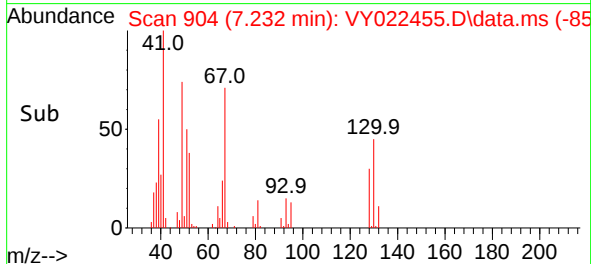
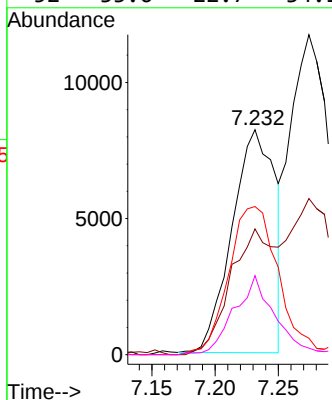
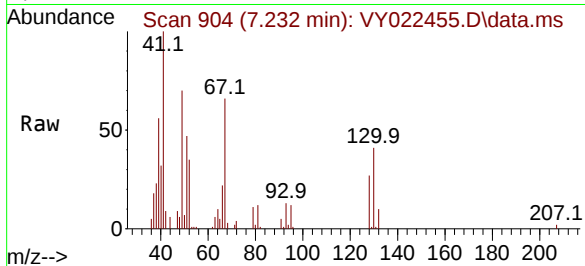




#41
Methacrylonitrile
Concen: 21.468 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

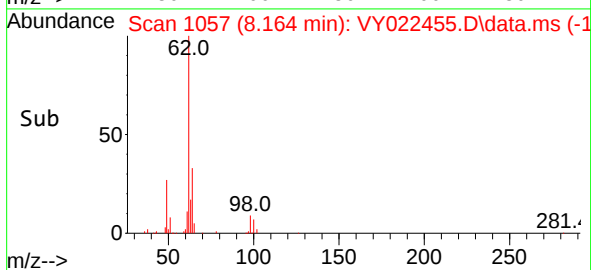
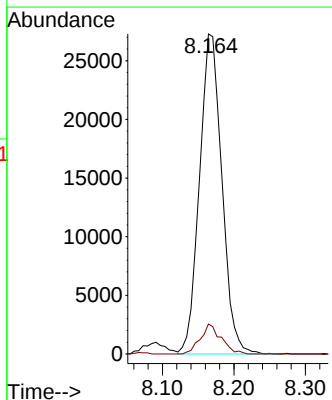
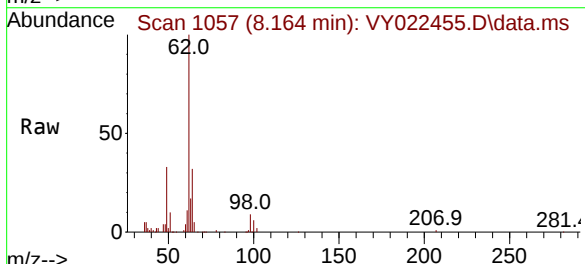
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

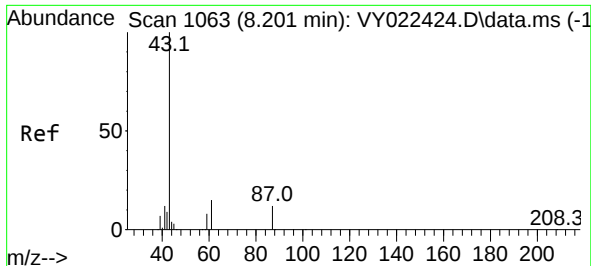
Tgt Ion:	41	Resp:	19377
Ion	Ratio	Lower	Upper
41	100		
39	59.1	40.4	60.6
67	76.6	53.0	79.4
52	33.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 21.622 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion:	62	Resp:	59459
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.4

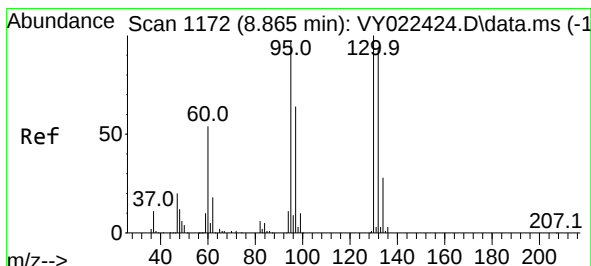
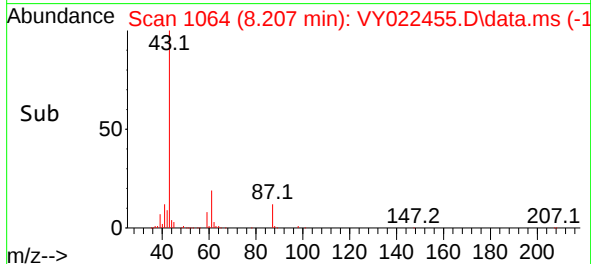
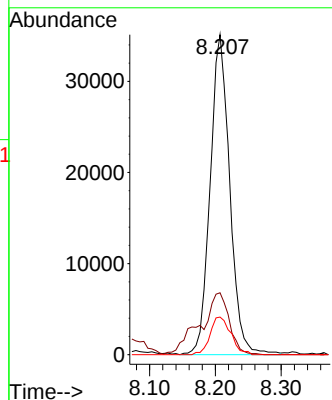
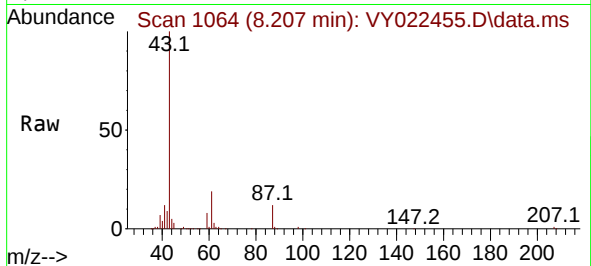




#43
Isopropyl Acetate
Concen: 22.425 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

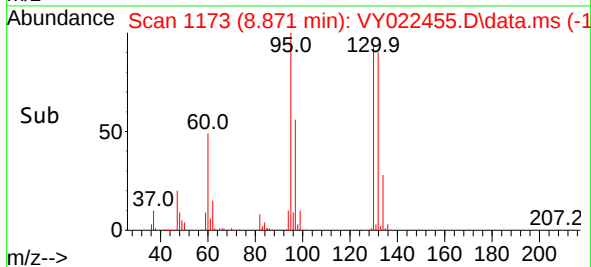
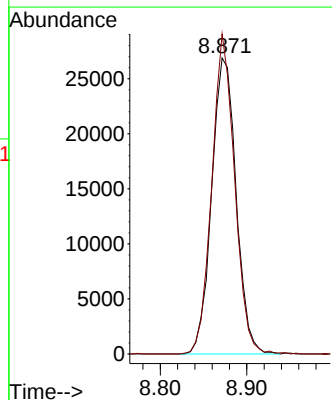
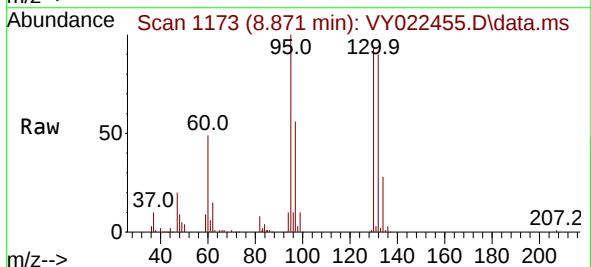
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

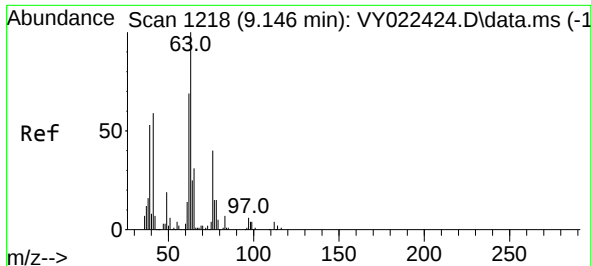
Tgt Ion: 43 Resp: 72871
Ion Ratio Lower Upper
43 100
61 28.7 15.4 23.0#
87 12.4 10.6 15.8



#44
Trichloroethene
Concen: 20.493 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion:130 Resp: 52748
Ion Ratio Lower Upper
130 100
95 108.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 21.130 ug/l

RT: 9.146 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

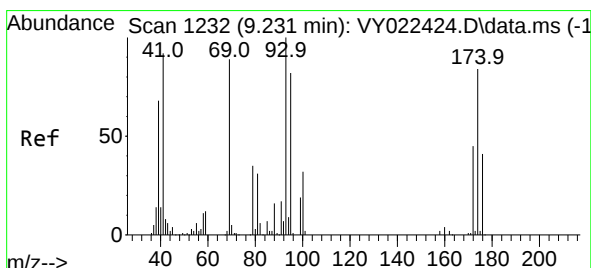
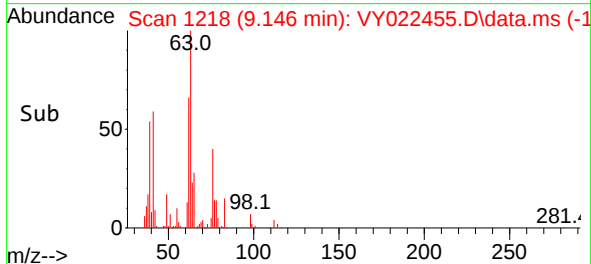
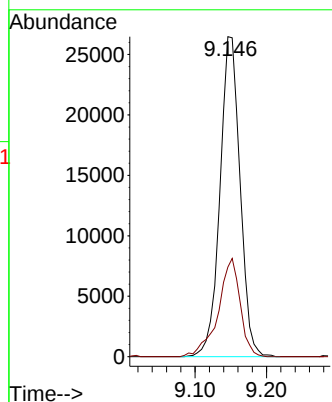
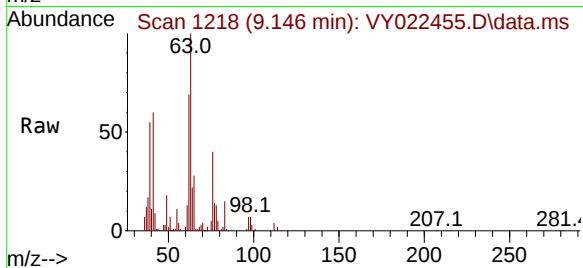
VY0529SBS01

Tgt Ion: 63 Resp: 51691

Ion Ratio Lower Upper

63 100

65 28.0 25.1 37.7



#46

Dibromomethane

Concen: 21.069 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

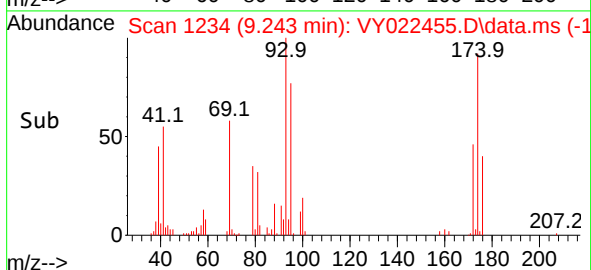
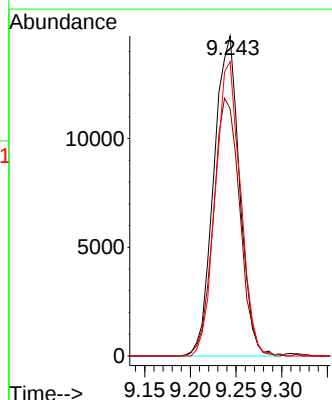
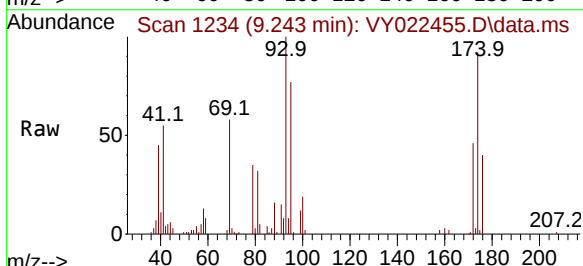
Tgt Ion: 93 Resp: 28793

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

174 89.8 71.1 106.7





#47

Bromodichloromethane

Concen: 20.914 ug/l

RT: 9.432 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

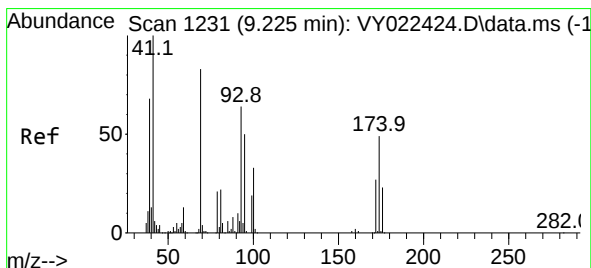
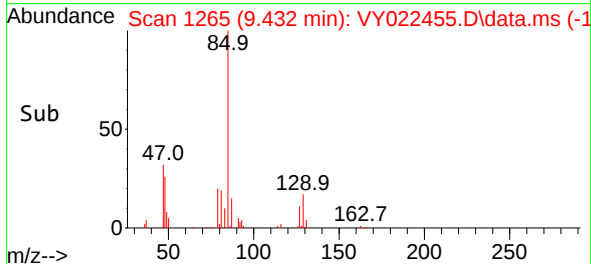
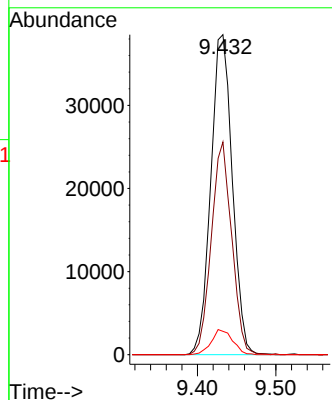
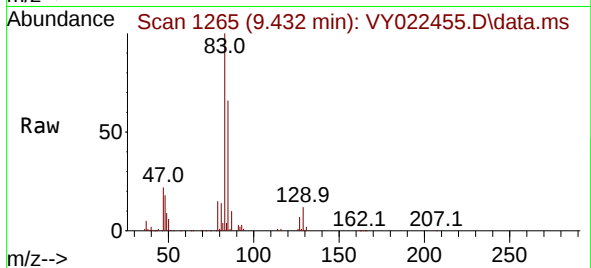
Tgt Ion: 83 Resp: 73499

Ion Ratio Lower Upper

83 100

85 66.5 49.8 74.6

127 7.3 6.6 9.8



#48

Methyl methacrylate

Concen: 22.770 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

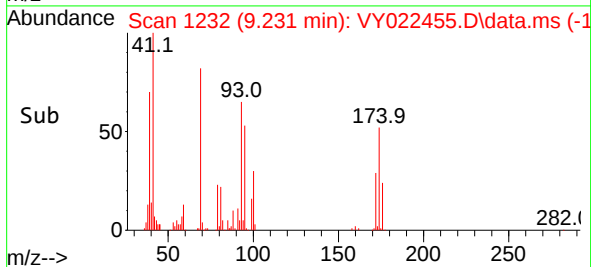
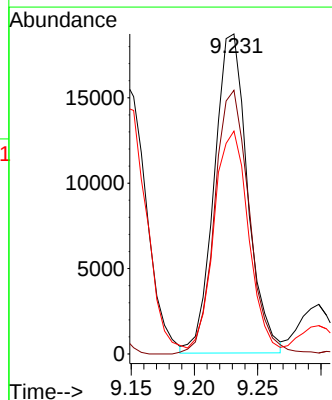
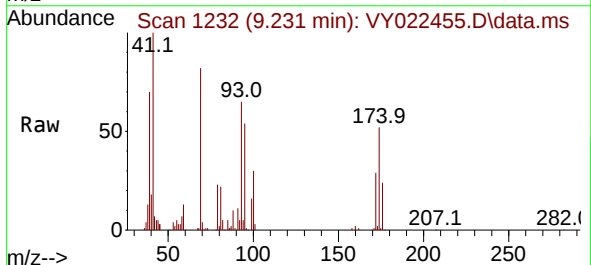
Tgt Ion: 41 Resp: 34348

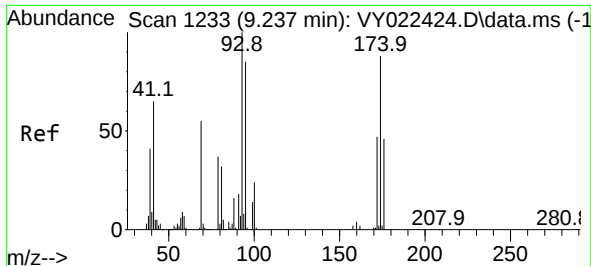
Ion Ratio Lower Upper

41 100

69 85.6 70.3 105.5

39 69.3 55.4 83.0





#49

1,4-Dioxane

Concen: 459.638 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

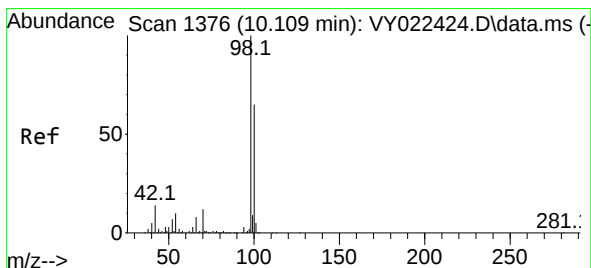
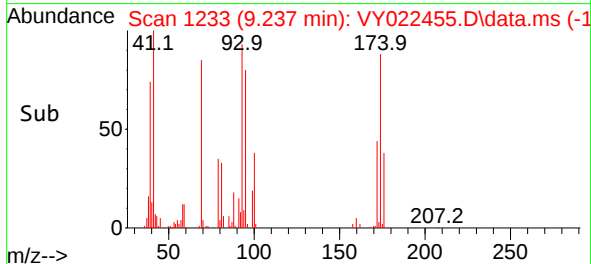
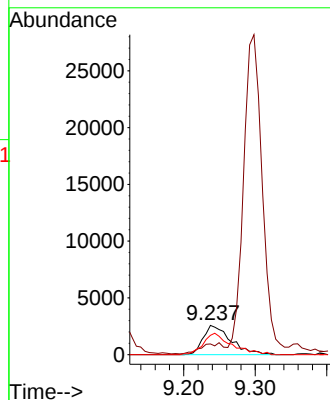
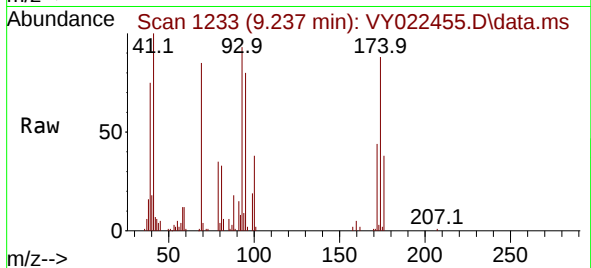
Tgt Ion: 88 Resp: 6938

Ion Ratio Lower Upper

88 100

43 31.0 26.9 40.3

58 74.8 55.8 83.6



#50

Toluene-d8

Concen: 49.620 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY022455.D

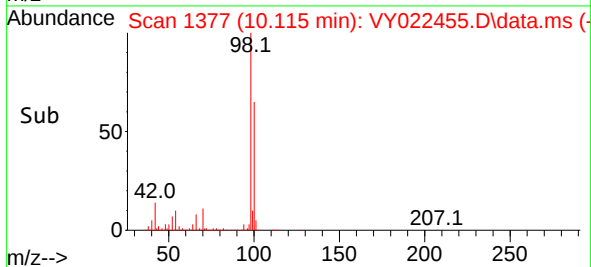
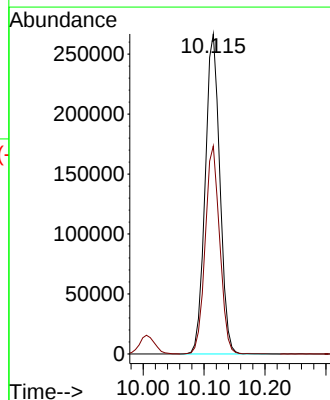
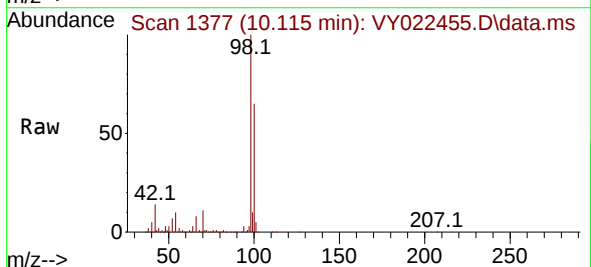
Acq: 29 May 2025 09:27

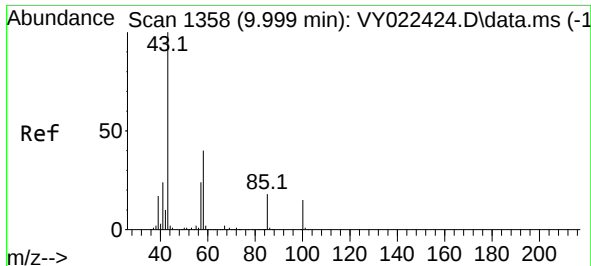
Tgt Ion: 98 Resp: 446049

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 112.489 ug/l

RT: 10.005 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

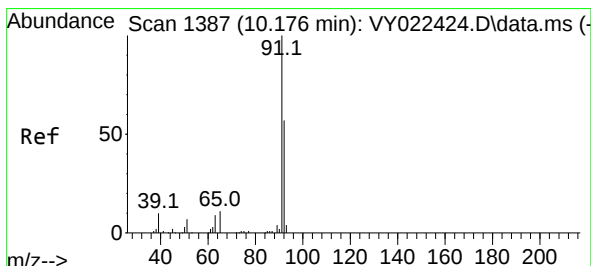
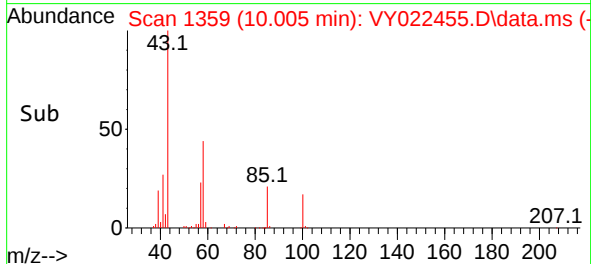
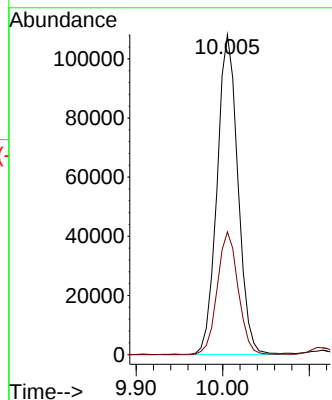
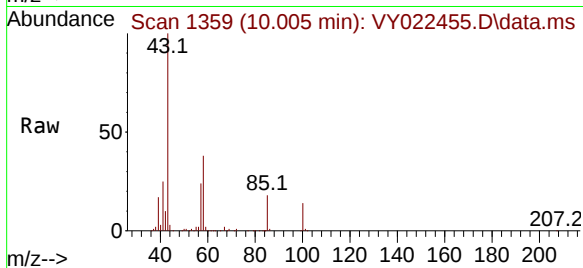
VY0529SBS01

Tgt Ion: 43 Resp: 180359

Ion Ratio Lower Upper

43 100

58 38.7 31.2 46.8



#52

Toluene

Concen: 20.130 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VY022455.D

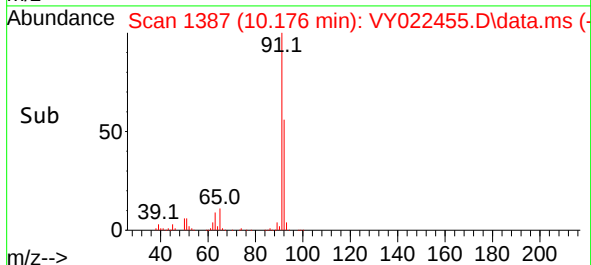
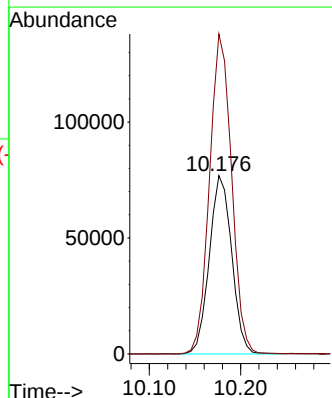
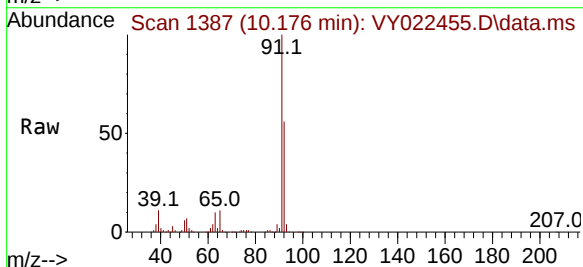
Acq: 29 May 2025 09:27

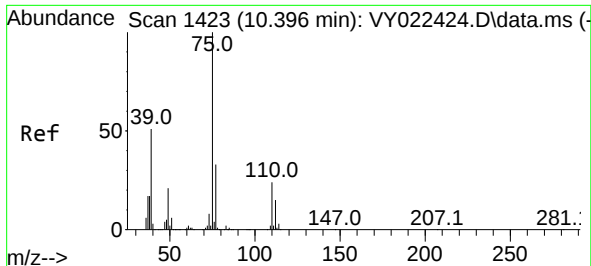
Tgt Ion: 92 Resp: 130911

Ion Ratio Lower Upper

92 100

91 177.0 139.8 209.6

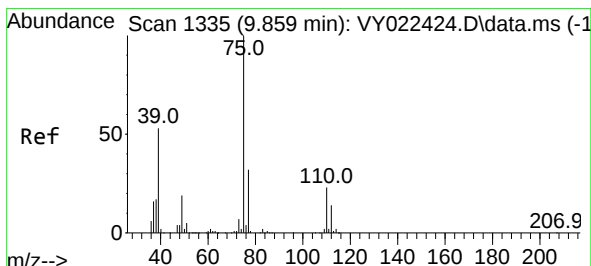
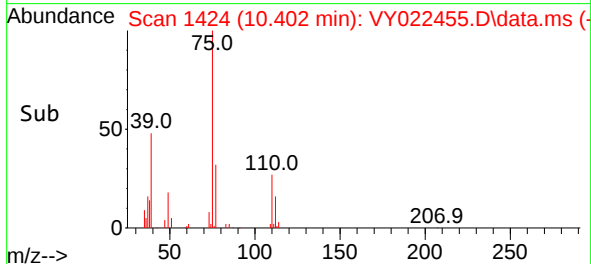
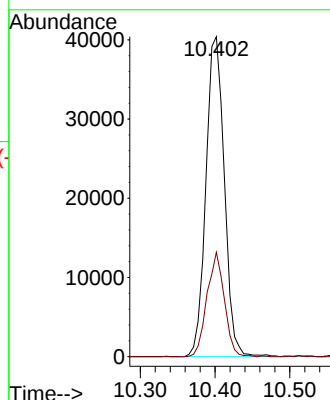
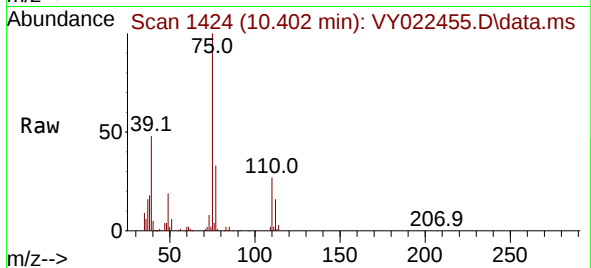




#53
t-1,3-Dichloropropene
Concen: 21.154 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

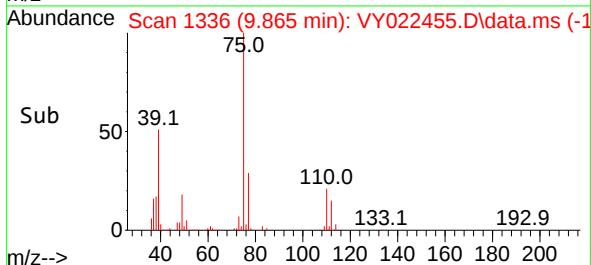
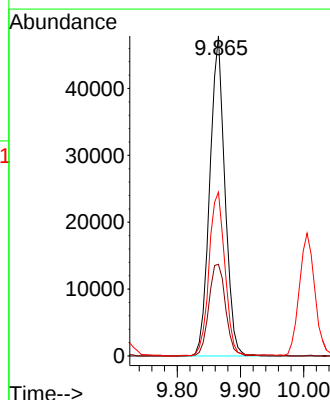
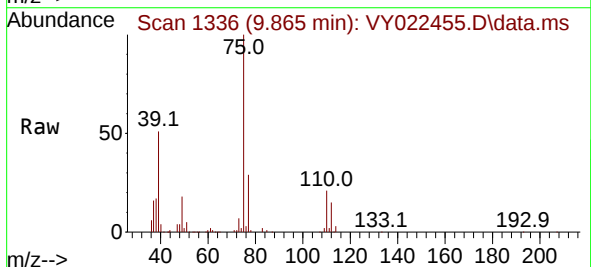
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

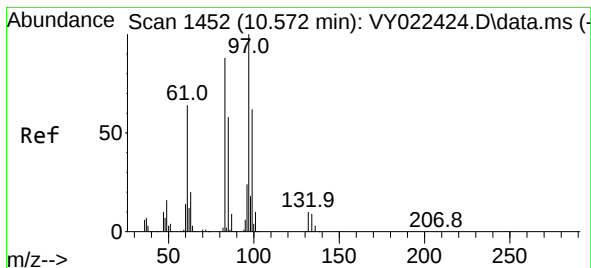
Tgt Ion: 75 Resp: 69246
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 20.650 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 75 Resp: 79429
Ion Ratio Lower Upper
75 100
77 28.7 25.4 38.2
39 51.1 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 21.088 ug/l

RT: 10.578 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

Tgt Ion: 97 Resp: 36436

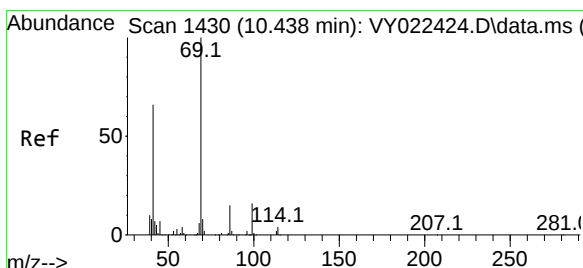
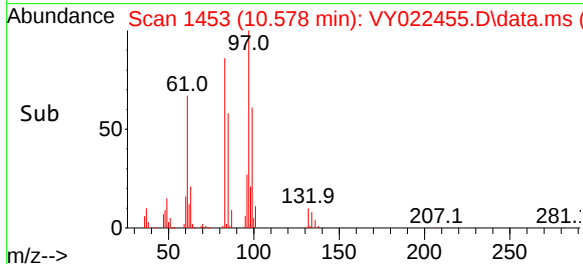
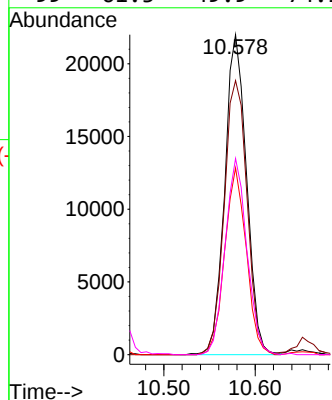
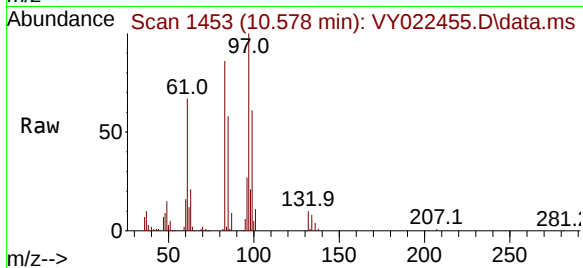
Ion Ratio Lower Upper

97 100

83 85.7 70.2 105.4

85 58.3 46.1 69.1

99 61.3 49.9 74.9



#56

Ethyl methacrylate

Concen: 21.269 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

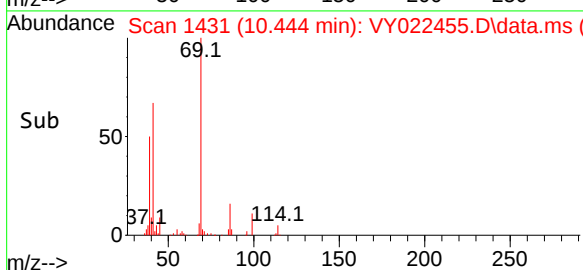
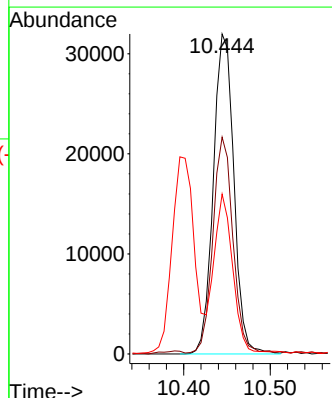
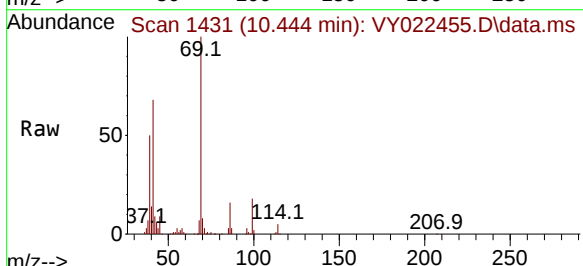
Tgt Ion: 69 Resp: 52736

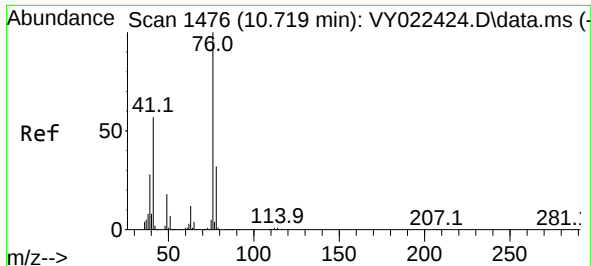
Ion Ratio Lower Upper

69 100

41 65.6 51.2 76.8

39 43.4 35.2 52.8





#57

1,3-Dichloropropane

Concen: 21.937 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

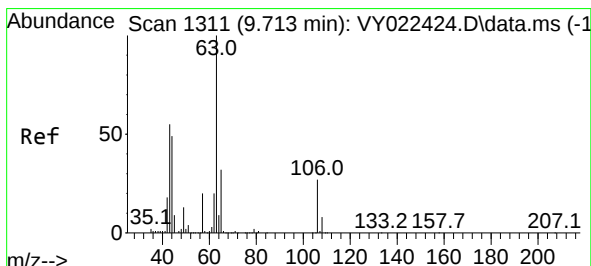
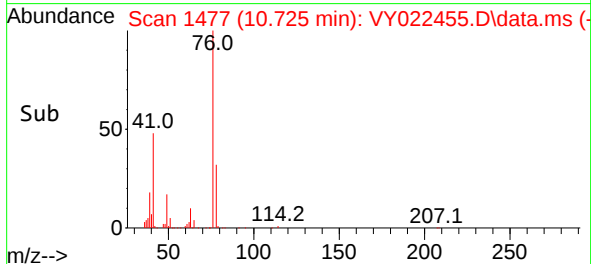
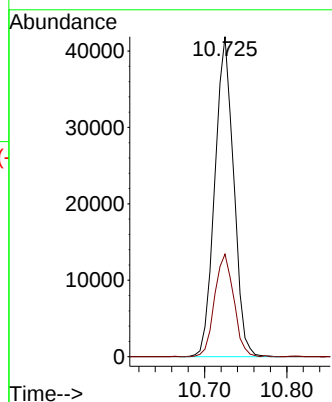
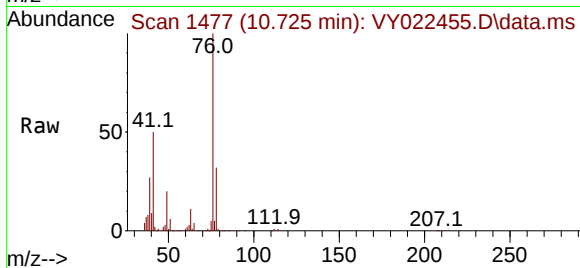
VY0529SBS01

Tgt Ion: 76 Resp: 66794

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.727 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY022455.D

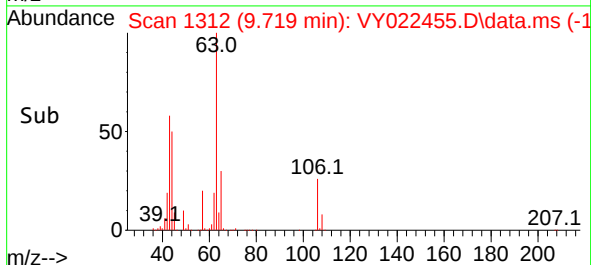
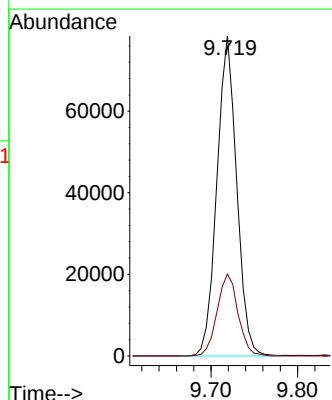
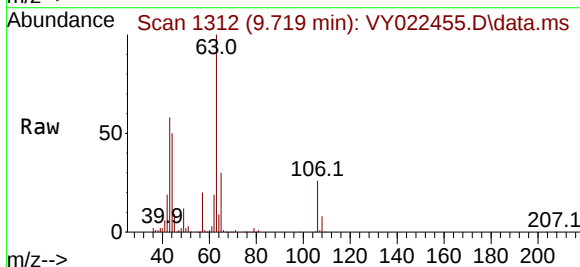
Acq: 29 May 2025 09:27

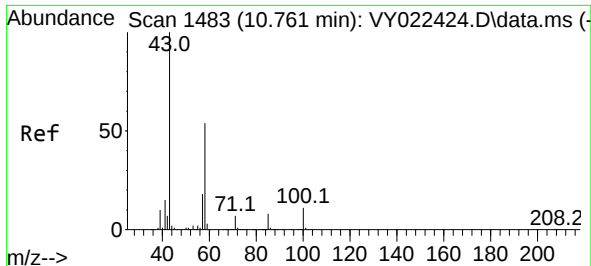
Tgt Ion: 63 Resp: 124474

Ion Ratio Lower Upper

63 100

106 26.9 22.2 33.2

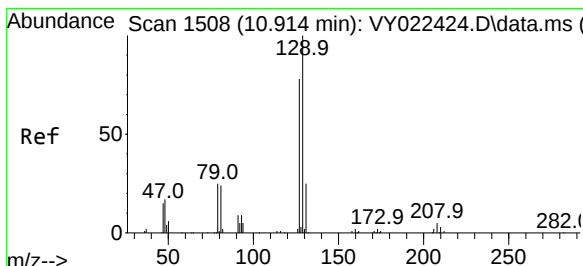
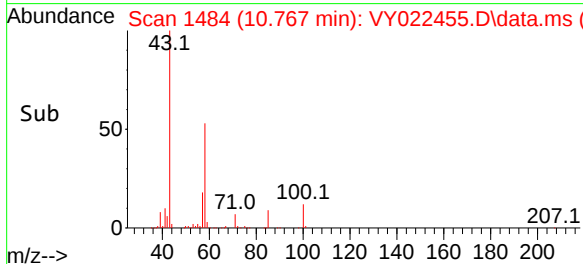
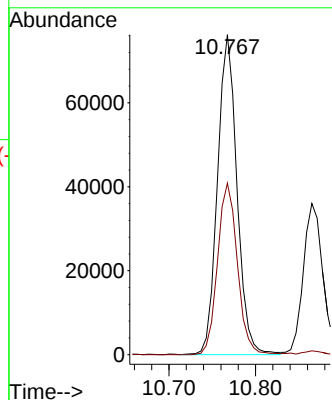
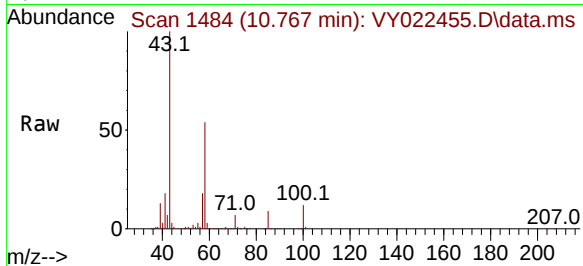




#59
2-Hexanone
Concen: 113.375 ug/l
RT: 10.767 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

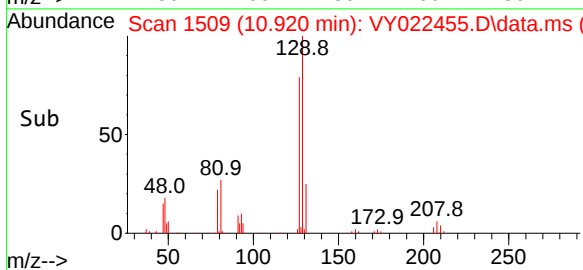
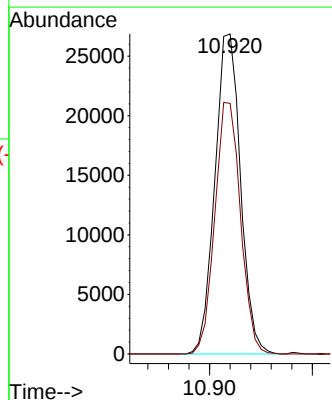
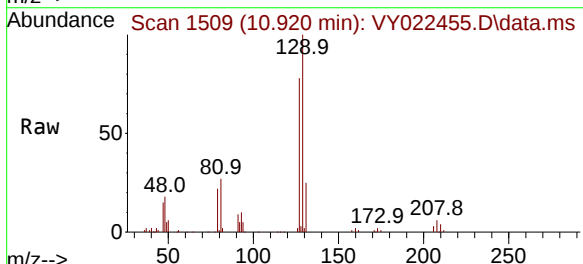
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

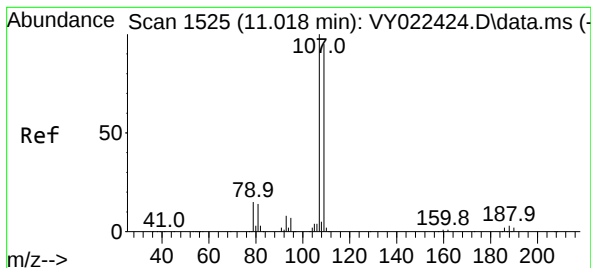
Tgt Ion: 43 Resp: 119129
Ion Ratio Lower Upper
43 100
58 54.6 27.1 81.2



#60
Dibromochloromethane
Concen: 21.093 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 129 Resp: 46556
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 21.298 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

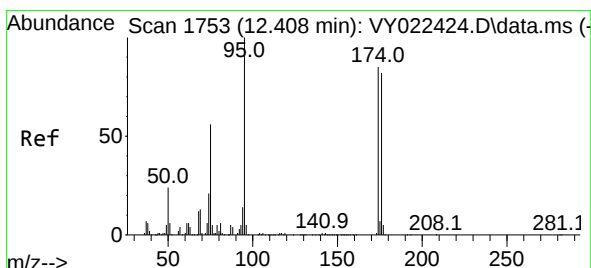
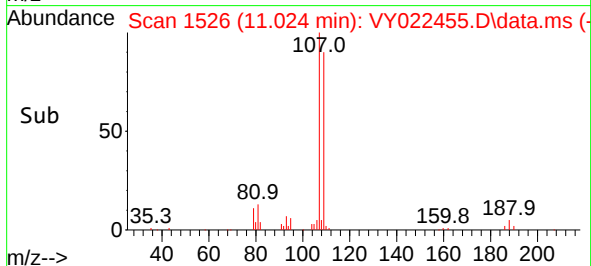
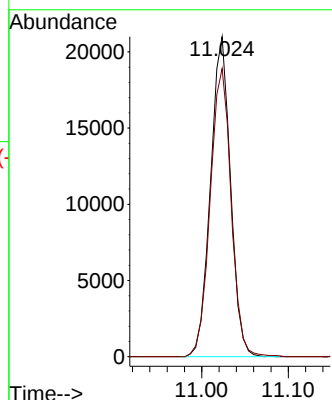
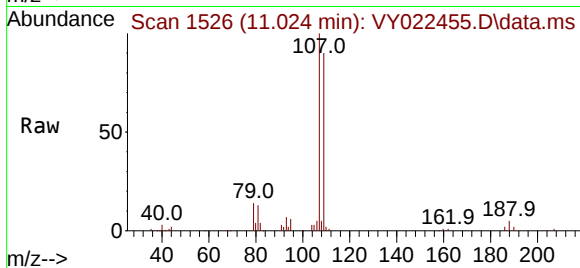
VY0529SBS01

Tgt Ion:107 Resp: 33658

Ion Ratio Lower Upper

107 100

109 94.2 74.0 111.0



#62

4-Bromofluorobenzene

Concen: 48.192 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

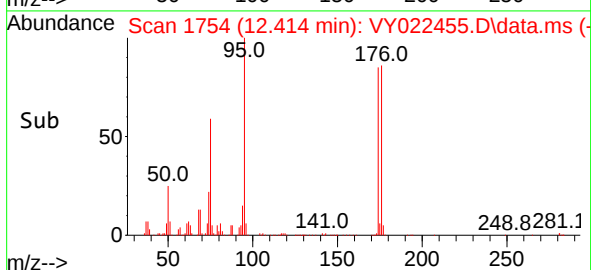
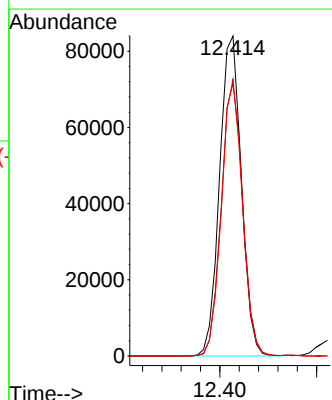
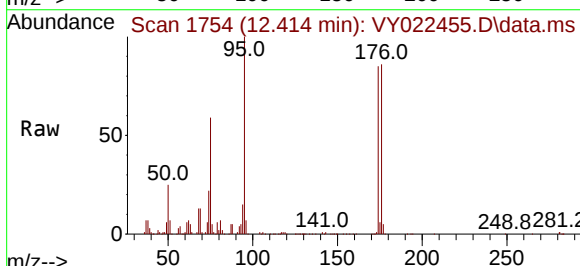
Tgt Ion: 95 Resp: 131041

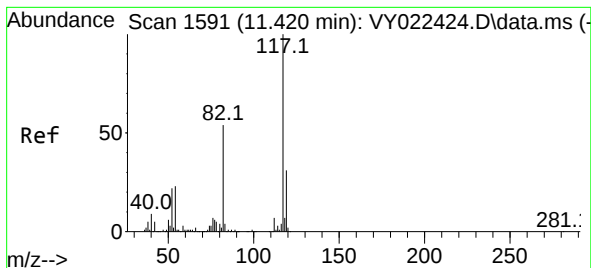
Ion Ratio Lower Upper

95 100

174 84.6 0.0 171.6

176 82.8 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: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

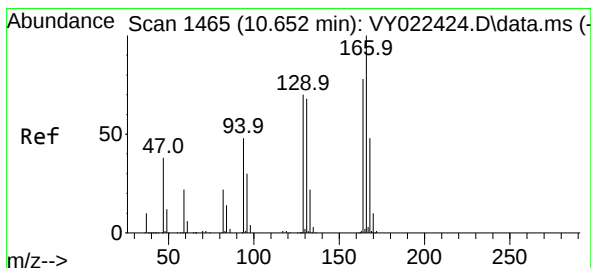
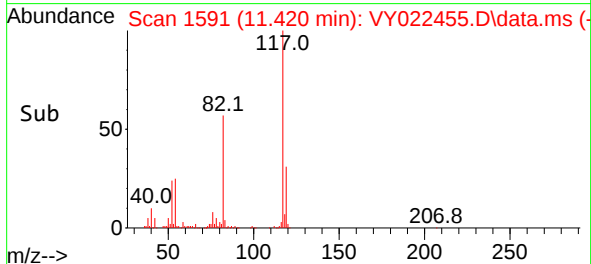
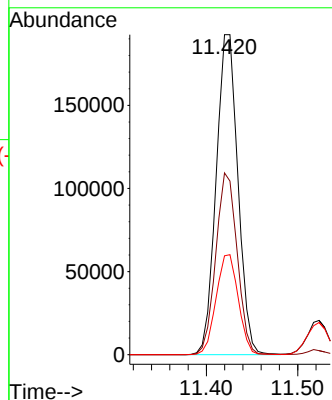
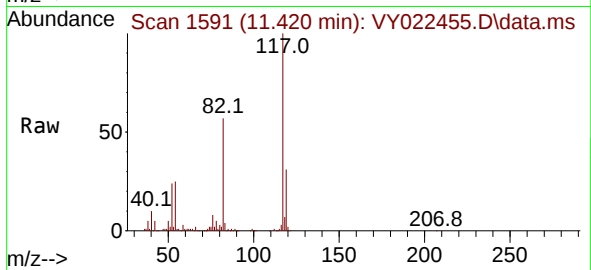
Tgt Ion:117 Resp: 319754

Ion Ratio Lower Upper

117 100

82 56.8 43.3 64.9

119 30.9 24.5 36.7



#64

Tetrachloroethene

Concen: 20.927 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Tgt Ion:164 Resp: 56988

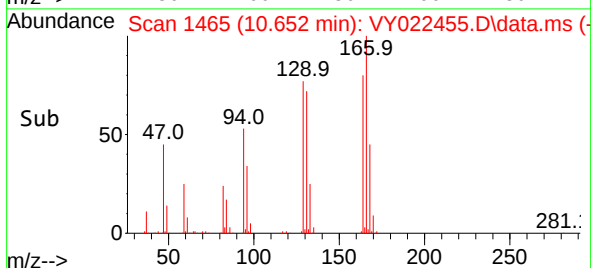
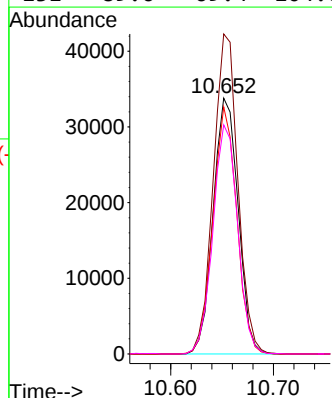
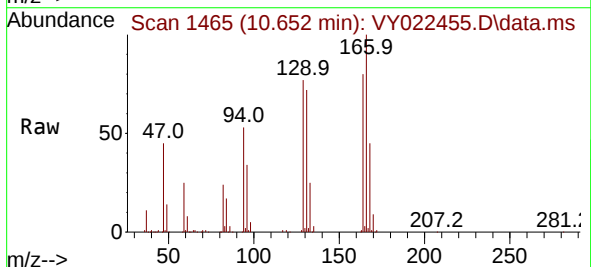
Ion Ratio Lower Upper

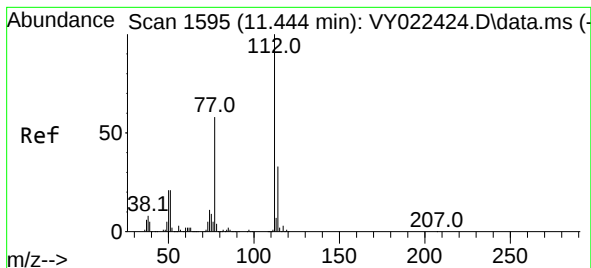
164 100

166 125.1 102.0 153.0

129 96.6 71.3 106.9

131 89.6 69.4 104.0





#65

Chlorobenzene

Concen: 20.141 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

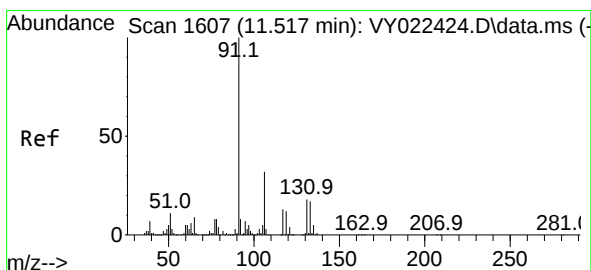
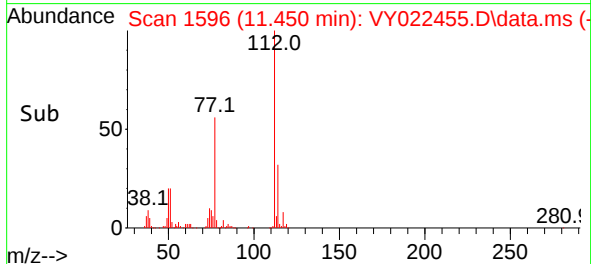
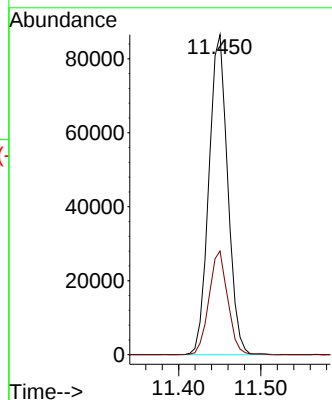
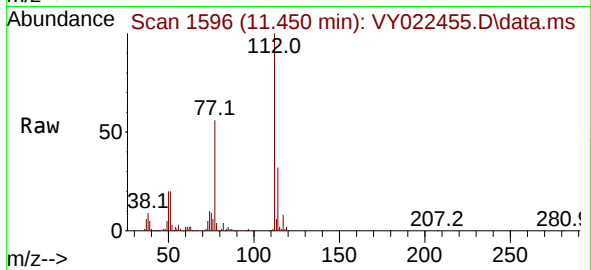
VY0529SBS01

Tgt Ion:112 Resp: 137324

Ion Ratio Lower Upper

112 100

114 32.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.790 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

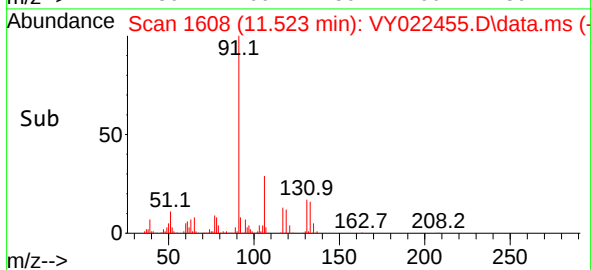
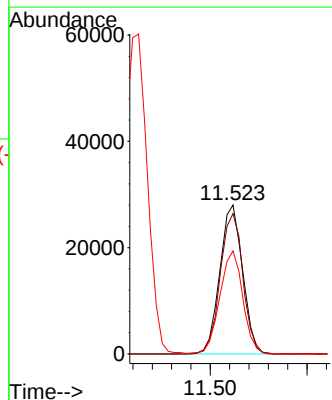
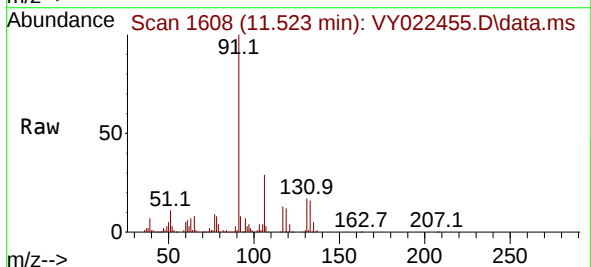
Tgt Ion:131 Resp: 45717

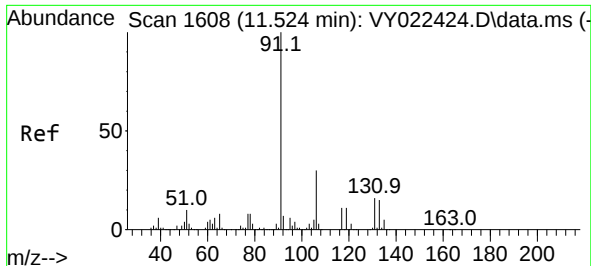
Ion Ratio Lower Upper

131 100

133 94.0 46.6 139.8

119 69.6 33.3 99.8

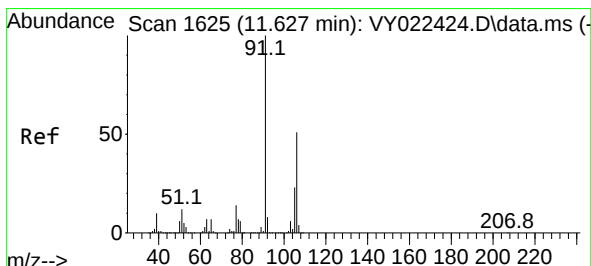
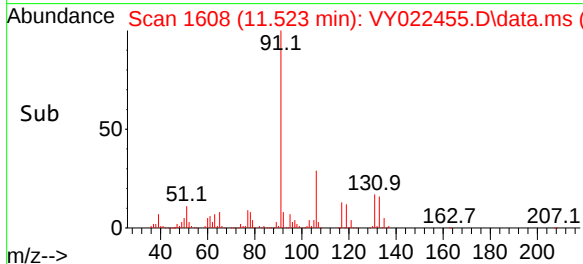
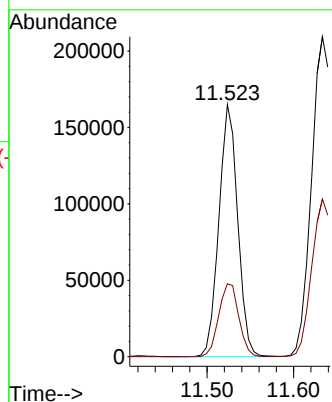
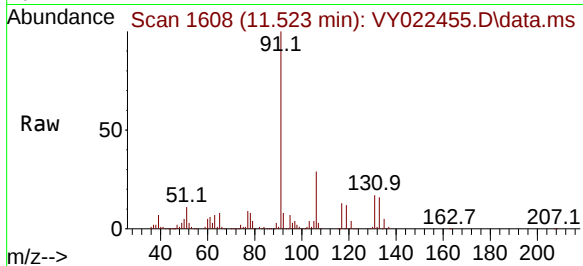




#67
Ethyl Benzene
Concen: 19.657 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

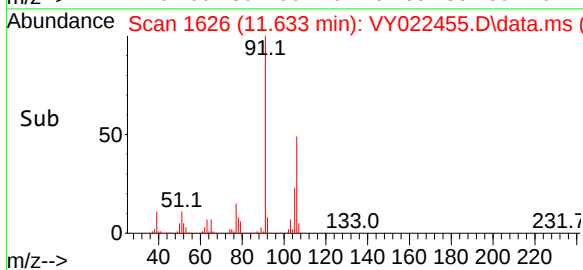
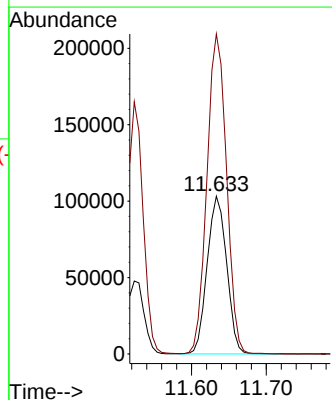
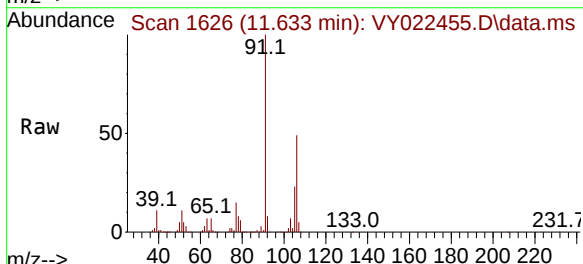
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

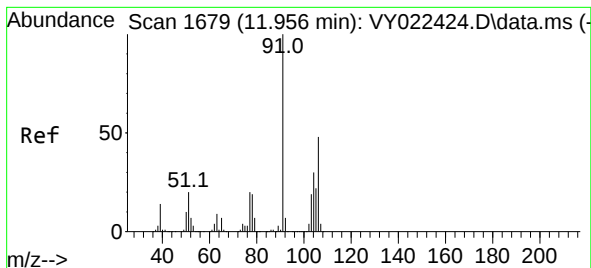
Tgt Ion: 91 Resp: 248860
Ion Ratio Lower Upper
91 100
106 28.9 24.4 36.6



#68
m/p-Xylenes
Concen: 38.956 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 106 Resp: 186984
Ion Ratio Lower Upper
106 100
91 203.6 159.8 239.8





#69

o-Xylene

Concen: 19.850 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

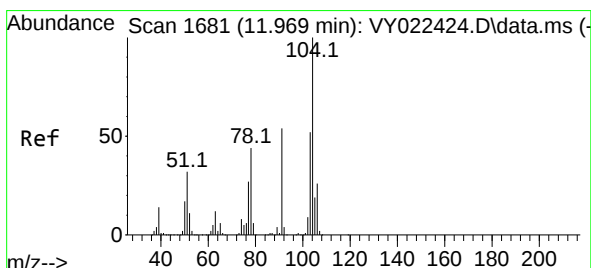
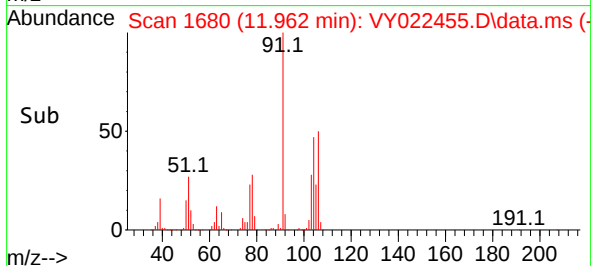
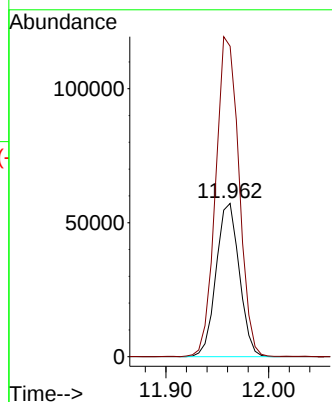
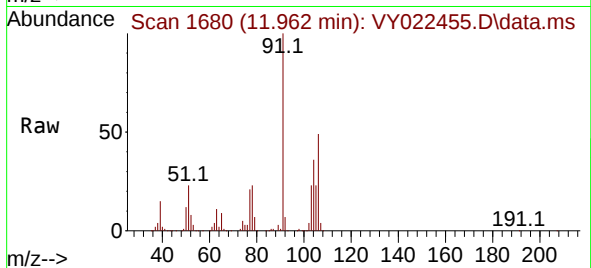
VY0529SBS01

Tgt Ion:106 Resp: 89547

Ion Ratio Lower Upper

106 100

91 210.6 106.3 318.9



#70

Styrene

Concen: 20.053 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

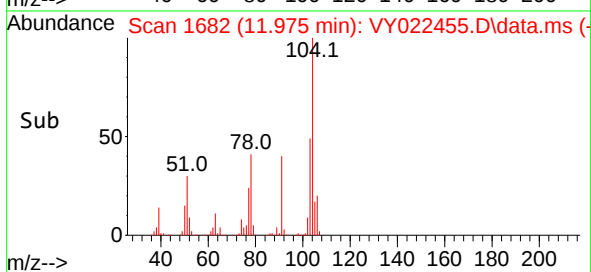
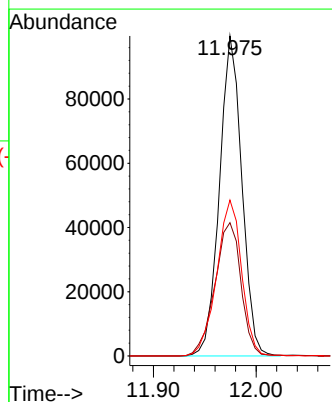
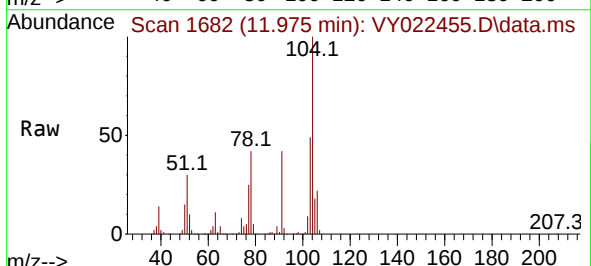
Tgt Ion:104 Resp: 150631

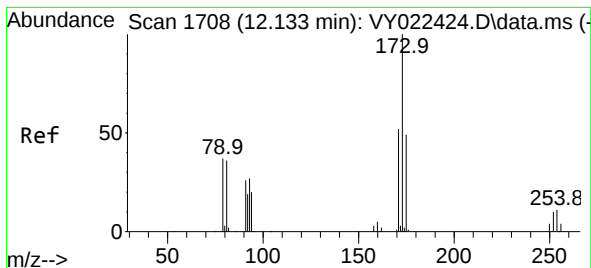
Ion Ratio Lower Upper

104 100

78 48.7 38.8 58.2

103 54.2 43.4 65.2





#71

Bromoform

Concen: 21.354 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

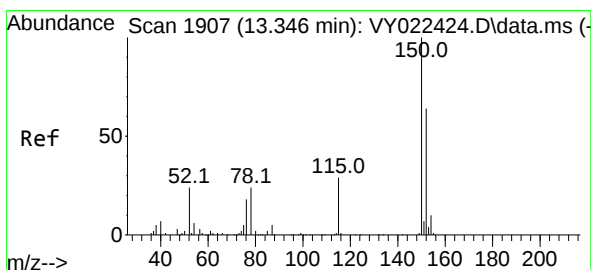
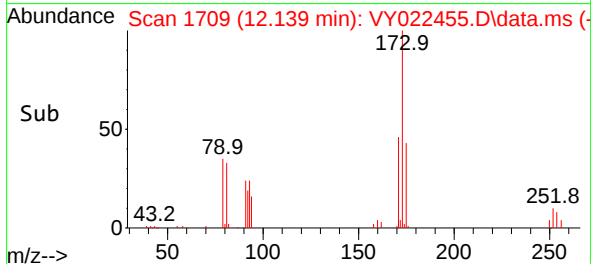
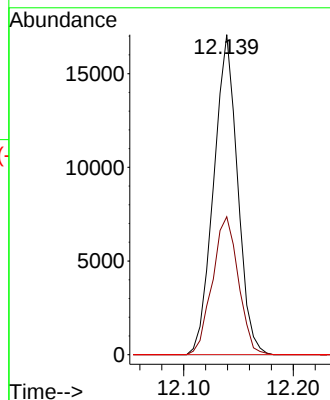
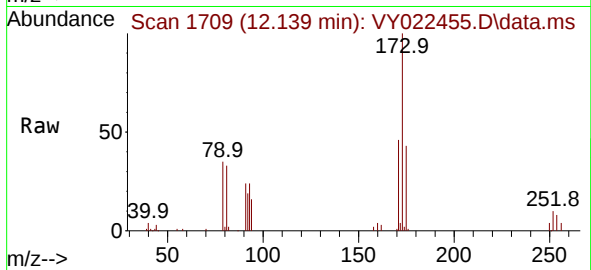
Tgt Ion:173 Resp: 25838

Ion Ratio Lower Upper

173 100

175 46.8 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

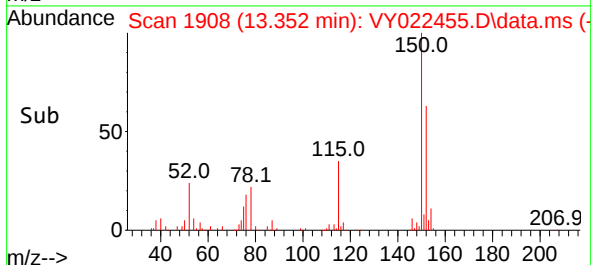
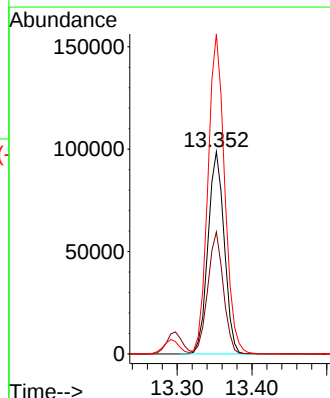
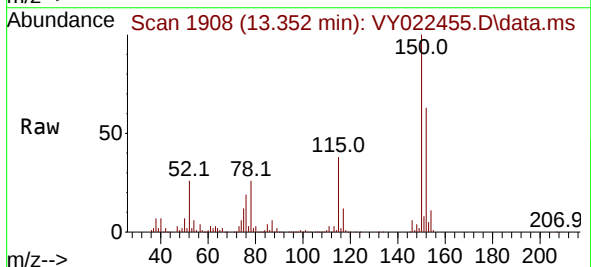
Tgt Ion:152 Resp: 148991

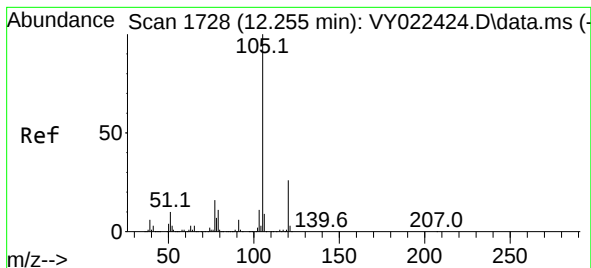
Ion Ratio Lower Upper

152 100

115 57.8 28.4 85.3

150 162.9 0.0 345.8





#73

Isopropylbenzene

Concen: 19.767 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

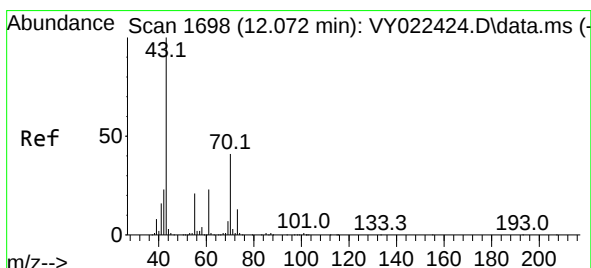
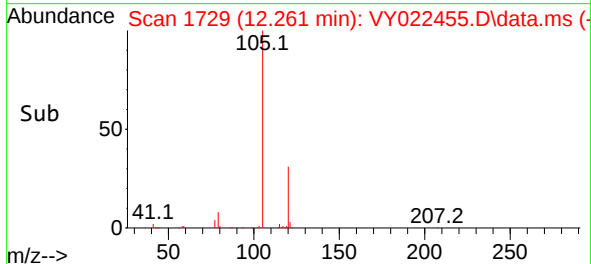
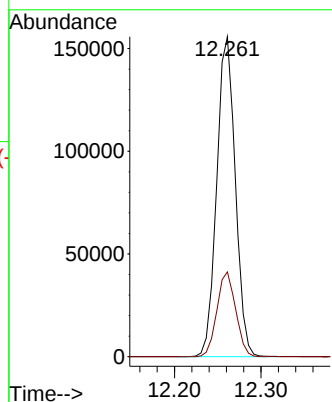
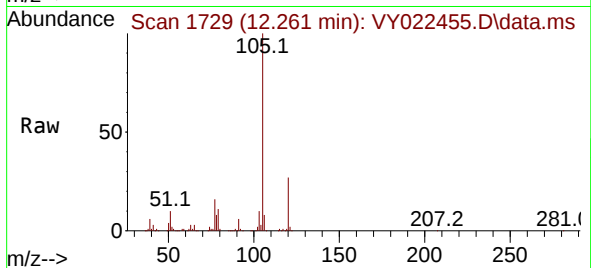
VY0529SBS01

Tgt Ion:105 Resp: 231788

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 21.723 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Tgt Ion: 43 Resp: 62329

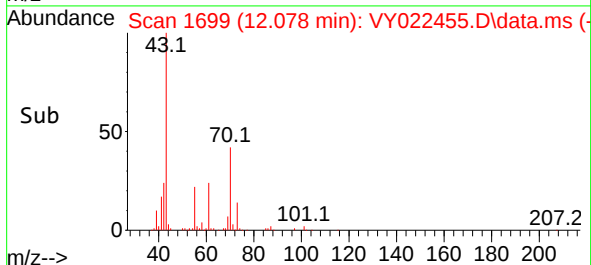
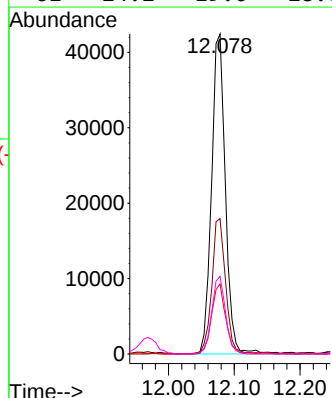
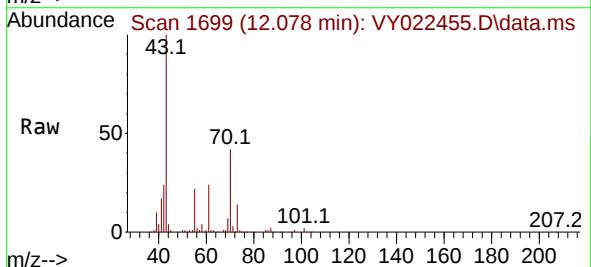
Ion Ratio Lower Upper

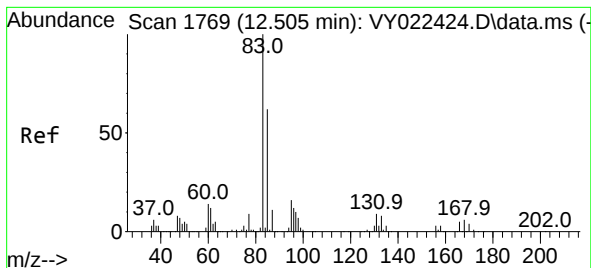
43 100

70 41.9 33.0 49.4

55 22.0 17.5 26.3

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.059 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

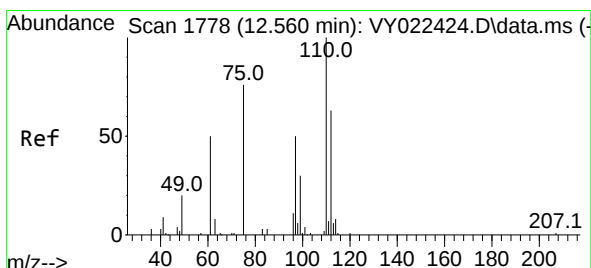
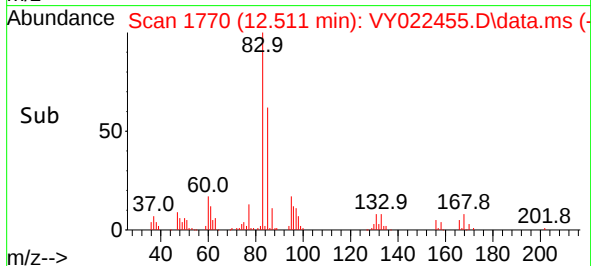
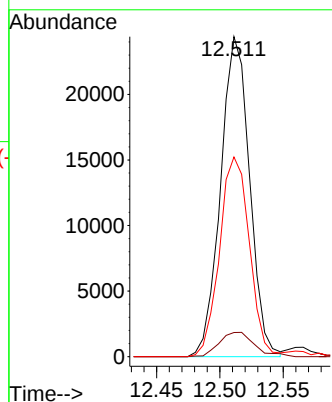
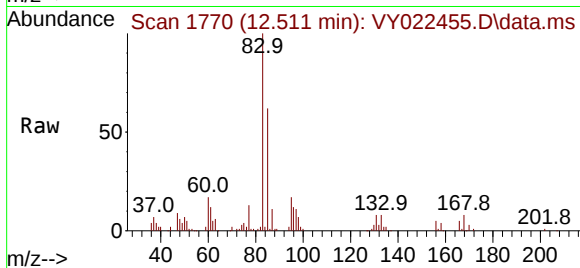
Tgt Ion: 83 Resp: 38907

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.4

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 37.733 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY022455.D

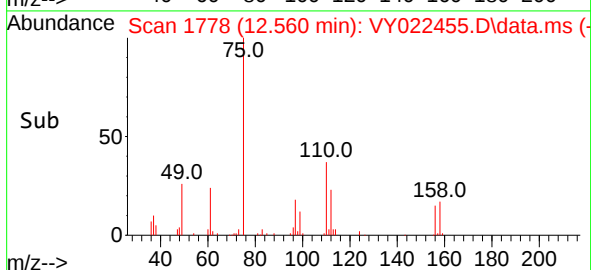
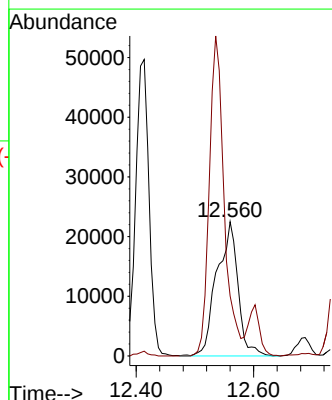
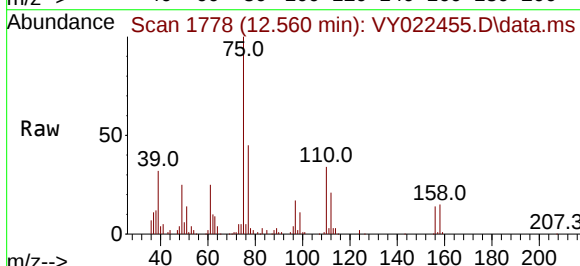
Acq: 29 May 2025 09:27

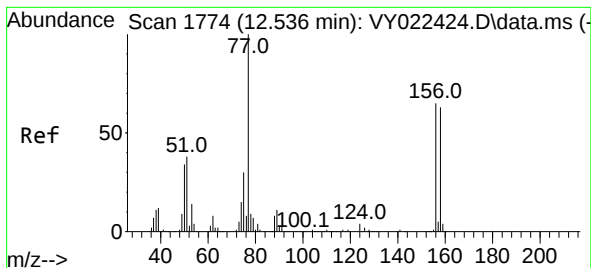
Tgt Ion: 75 Resp: 56312

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.817 ug/l

RT: 12.535 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

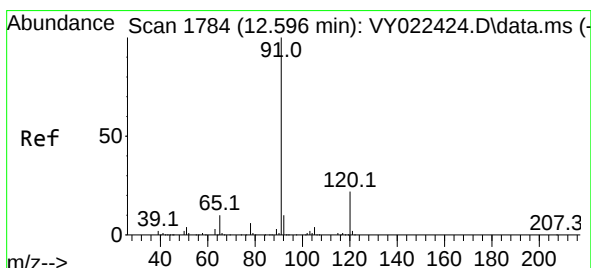
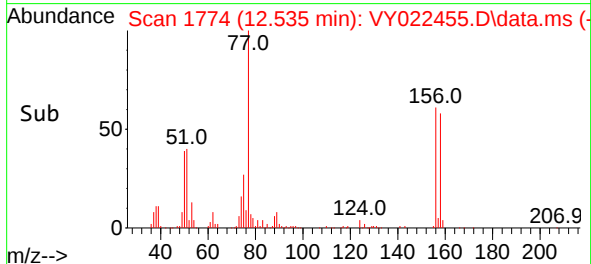
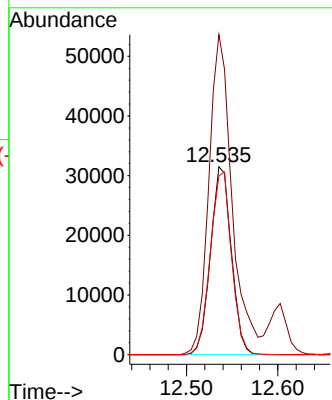
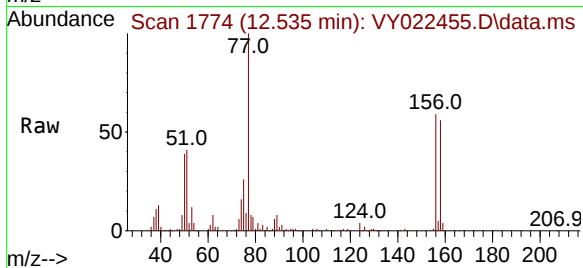
Tgt Ion:156 Resp: 50007

Ion Ratio Lower Upper

156 100

77 188.3 91.4 274.2

158 98.8 48.1 144.3



#78

n-propylbenzene

Concen: 19.904 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY022455.D

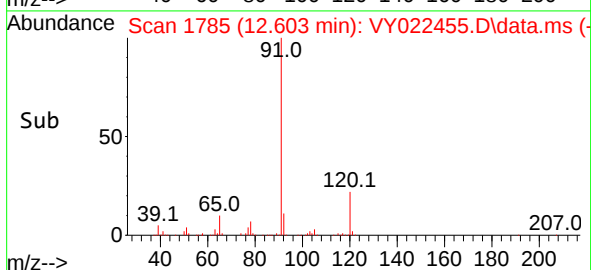
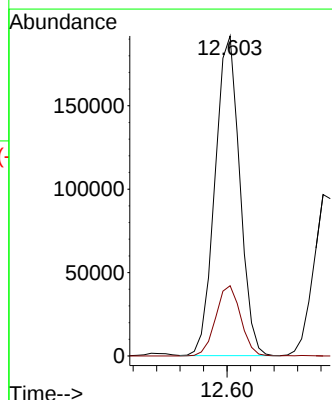
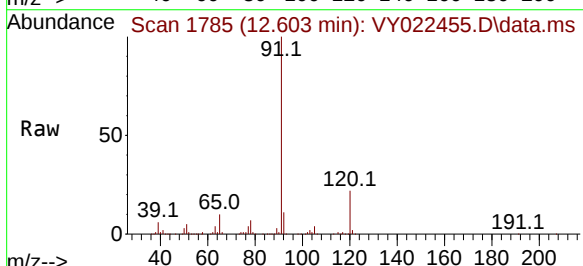
Acq: 29 May 2025 09:27

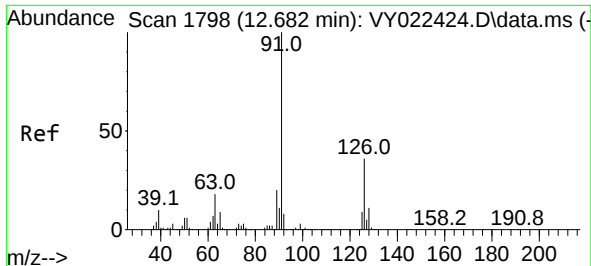
Tgt Ion: 91 Resp: 280089

Ion Ratio Lower Upper

91 100

120 22.1 11.2 33.5

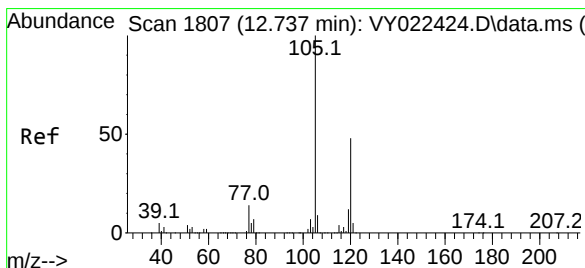
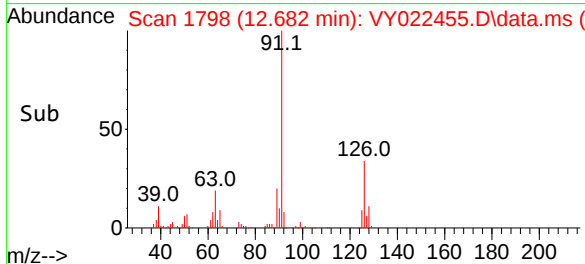
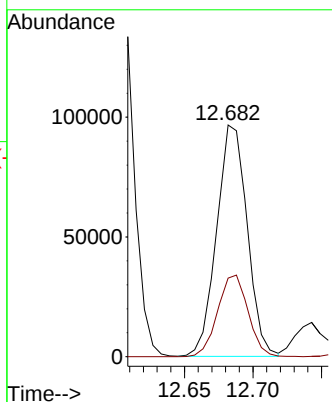
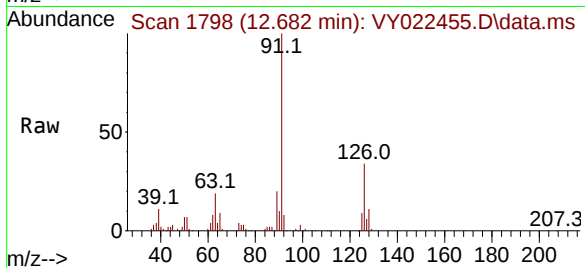




#79
2-Chlorotoluene
Concen: 19.683 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

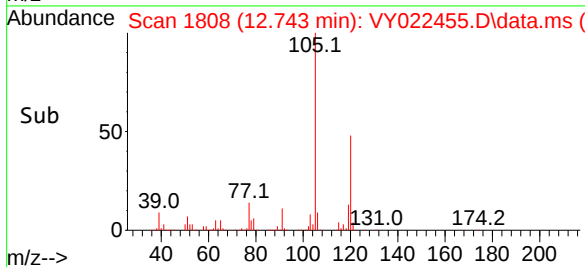
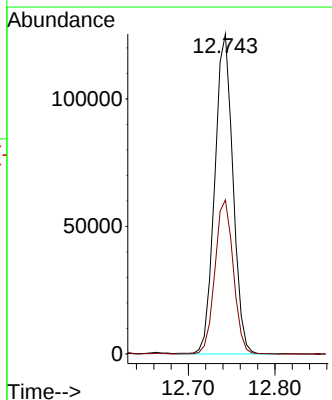
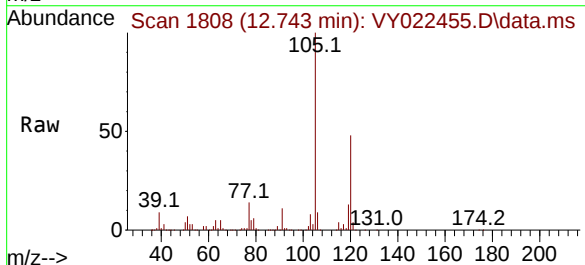
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

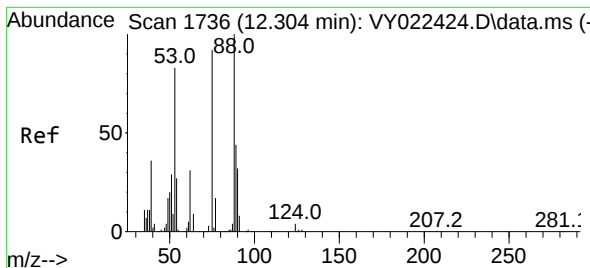
Tgt Ion: 91 Resp: 149938
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.980 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion:105 Resp: 183061
Ion Ratio Lower Upper
105 100
120 48.6 24.3 73.0

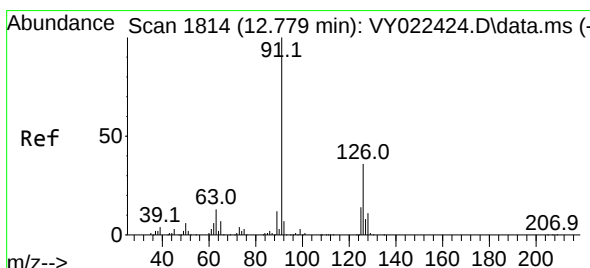
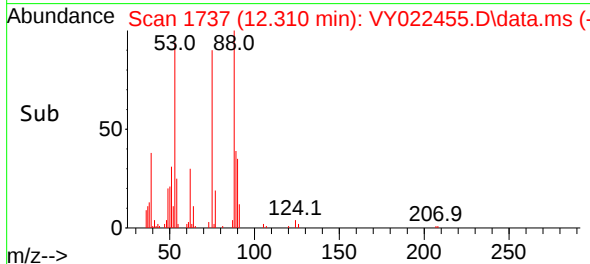
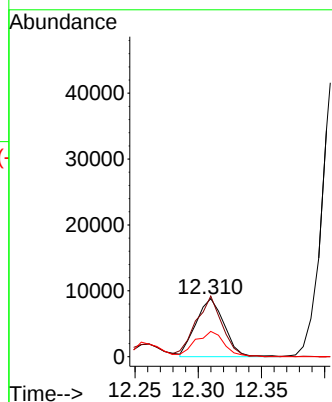
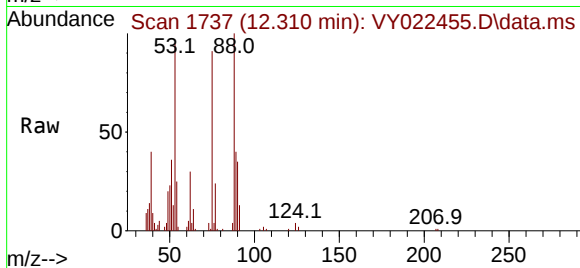




#81
trans-1,4-Dichloro-2-butene
Concen: 20.711 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

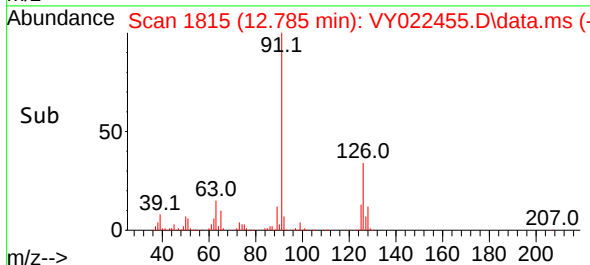
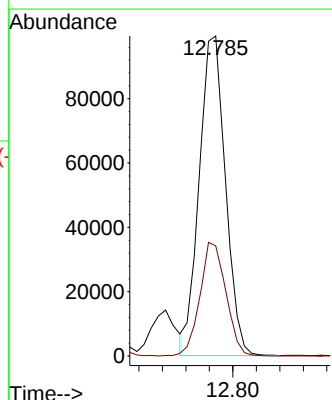
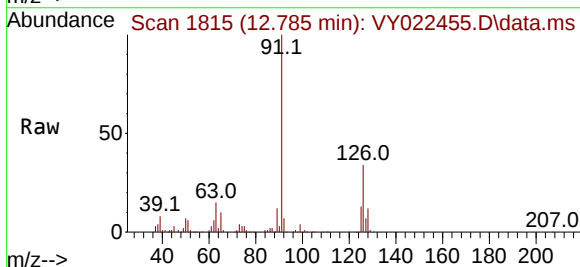
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

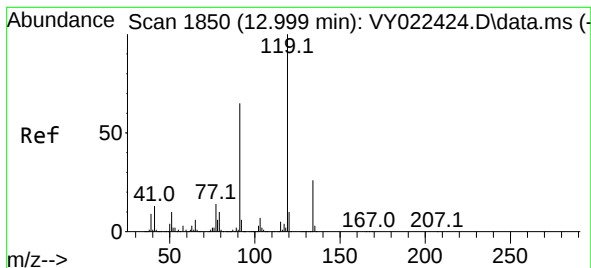
Tgt Ion: 75 Resp: 13668
Ion Ratio Lower Upper
75 100
53 97.5 75.1 112.7
89 44.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.655 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 91 Resp: 154200
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.093 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

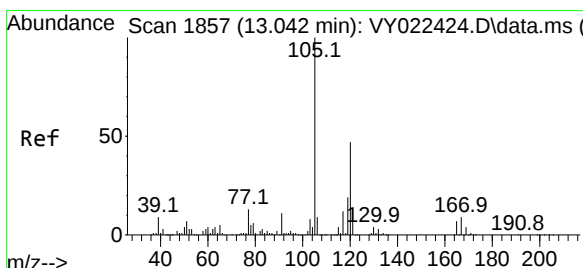
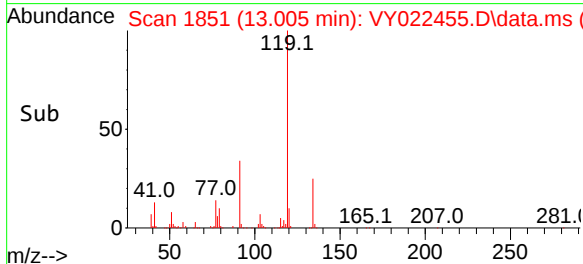
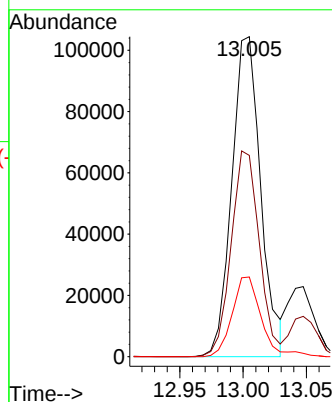
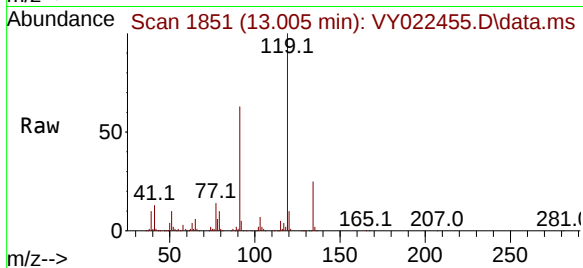
Tgt Ion:119 Resp: 166325

Ion Ratio Lower Upper

119 100

91 62.7 31.8 95.3

134 25.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.437 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022455.D

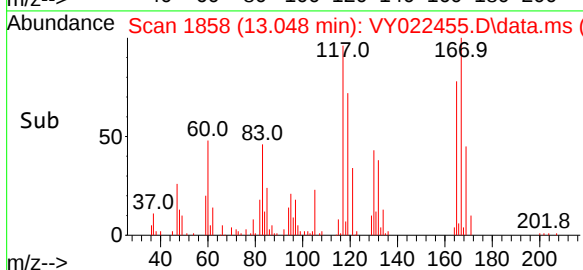
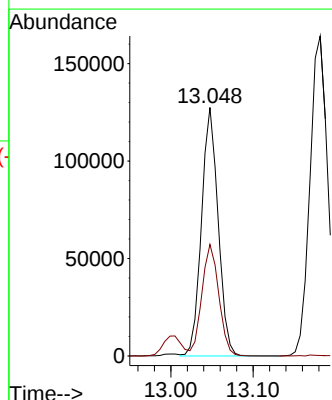
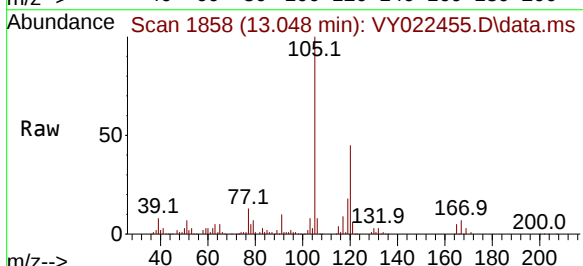
Acq: 29 May 2025 09:27

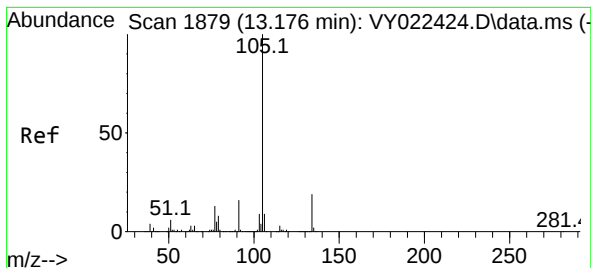
Tgt Ion:105 Resp: 179206

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.122 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

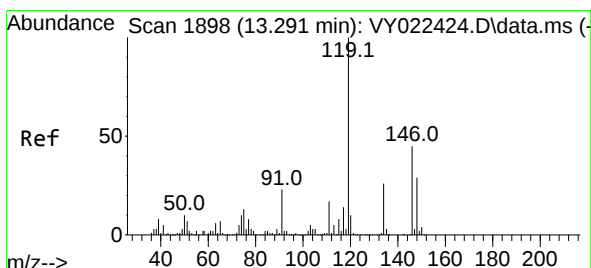
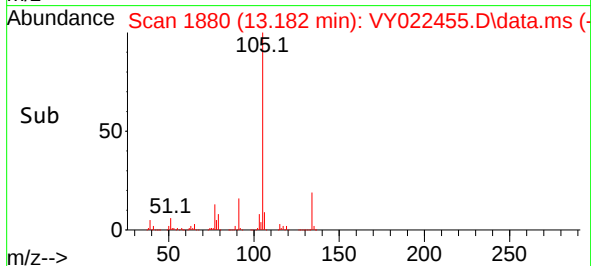
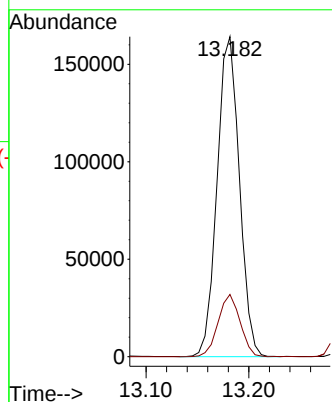
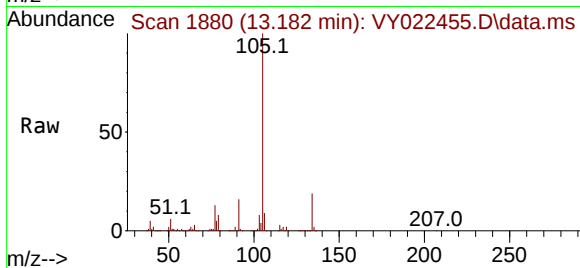
VY0529SBS01

Tgt Ion:105 Resp: 247028

Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 19.608 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

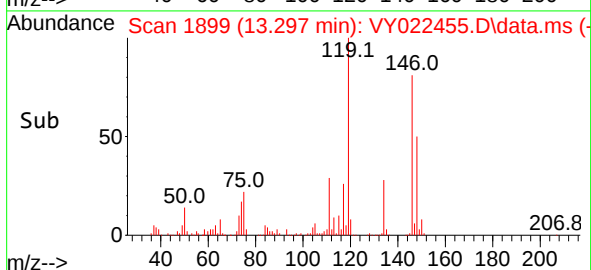
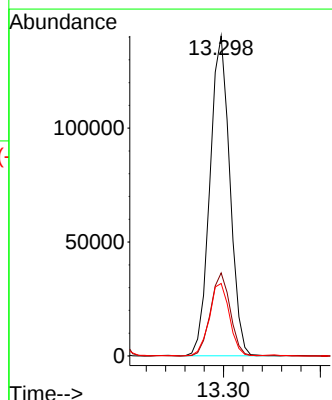
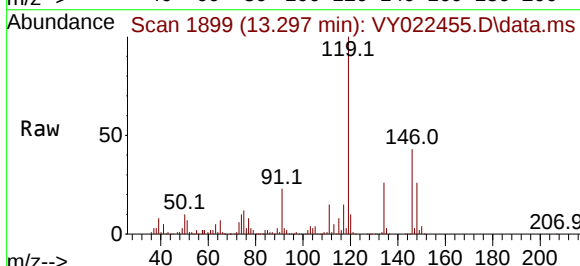
Tgt Ion:119 Resp: 201014

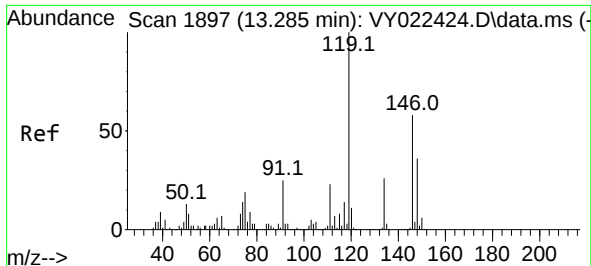
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 23.0 11.6 34.8

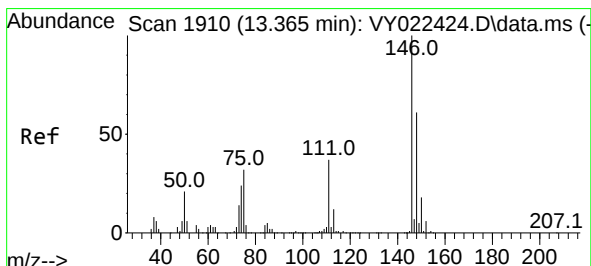
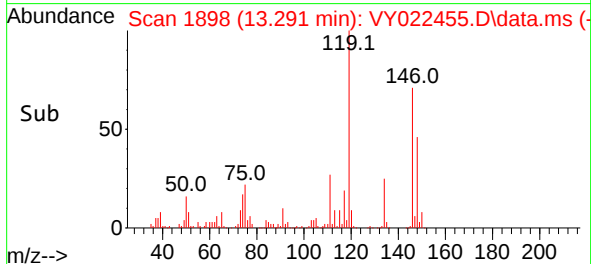
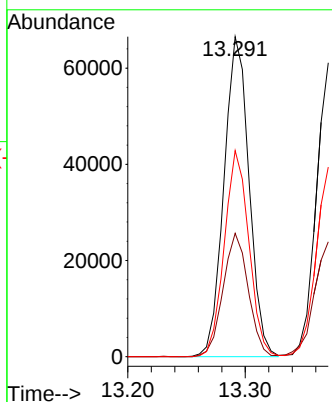
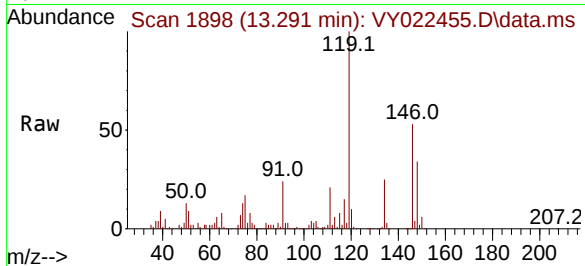




#87
1,3-Dichlorobenzene
Concen: 19.441 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

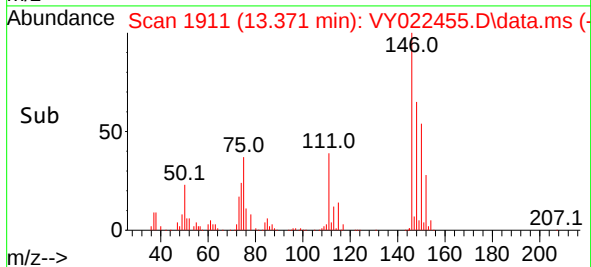
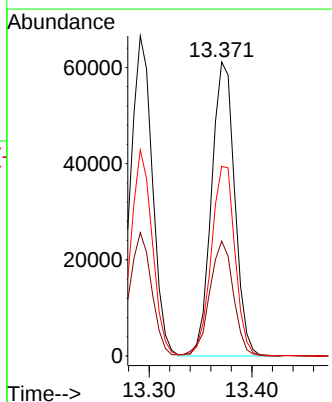
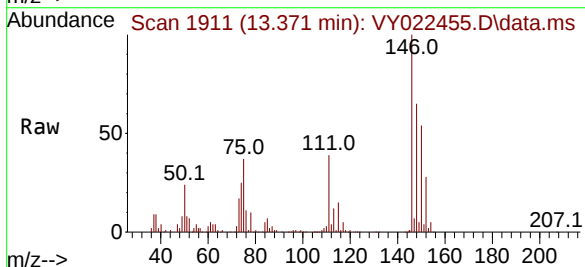
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

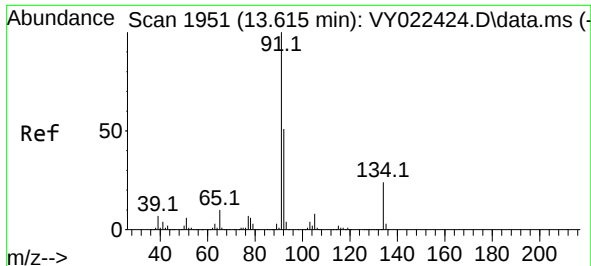
Tgt Ion:146 Resp: 98707
Ion Ratio Lower Upper
146 100
111 38.7 19.6 58.8
148 63.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.745 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion:146 Resp: 95858
Ion Ratio Lower Upper
146 100
111 39.9 18.7 56.1
148 65.7 31.4 94.3

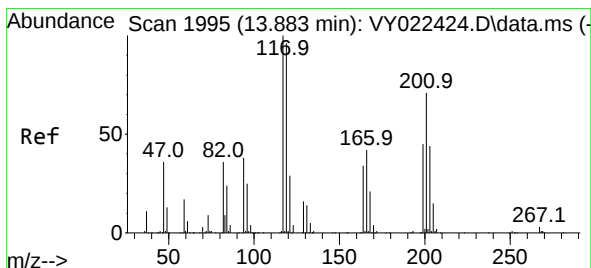
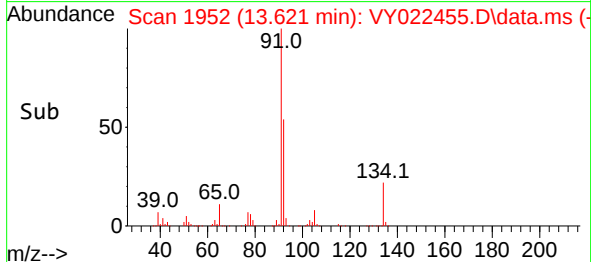
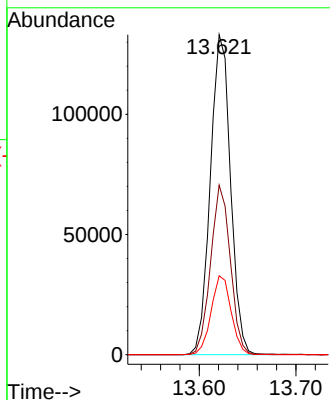
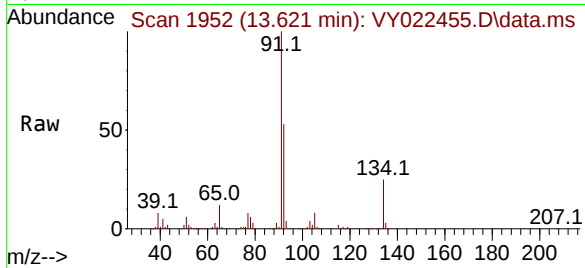




#89
n-Butylbenzene
Concen: 20.100 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

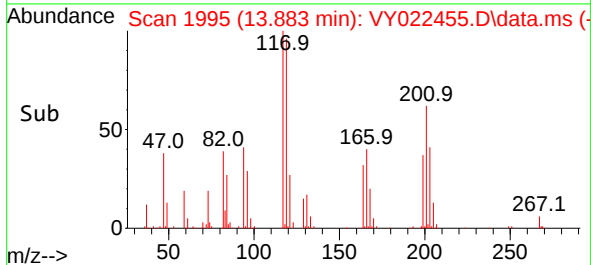
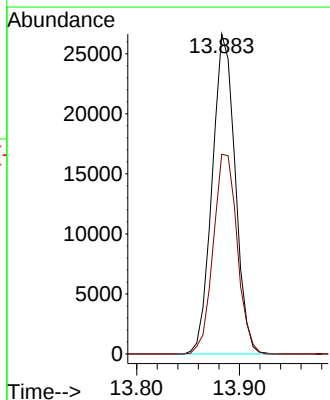
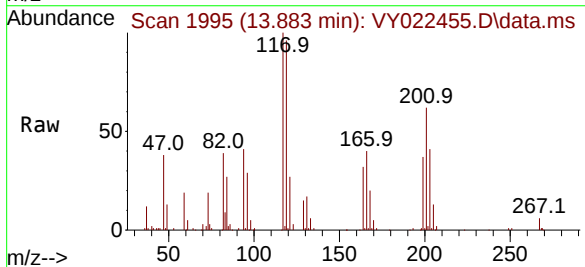
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

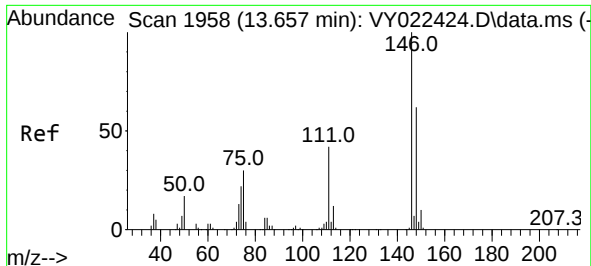
Tgt Ion: 91 Resp: 193195
Ion Ratio Lower Upper
91 100
92 51.7 25.9 77.6
134 24.5 12.4 37.0



#90
Hexachloroethane
Concen: 20.240 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022455.D
Acq: 29 May 2025 09:27

Tgt Ion: 117 Resp: 41291
Ion Ratio Lower Upper
117 100
201 65.2 35.0 105.0





#91

1,2-Dichlorobenzene

Concen: 20.310 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

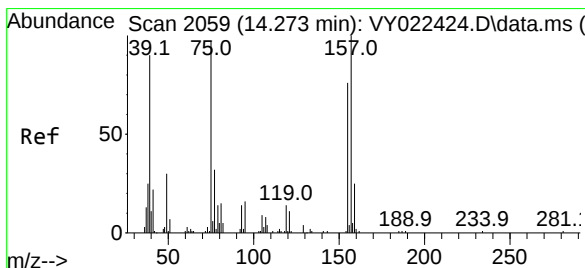
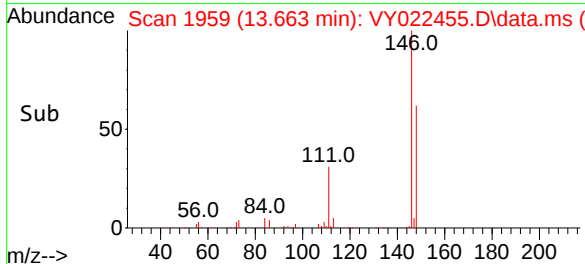
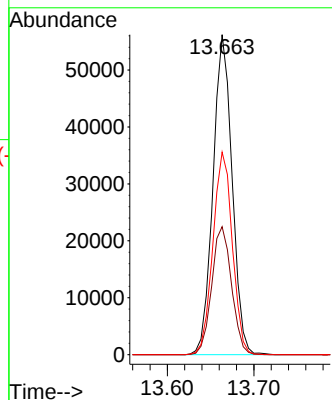
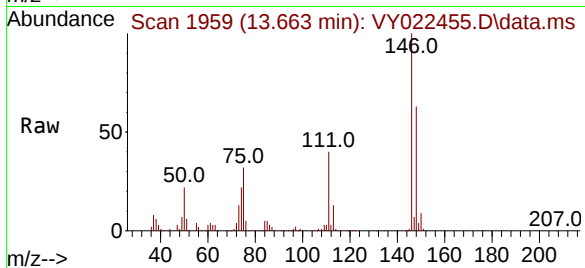
Tgt Ion:146 Resp: 86130

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.6

148 64.3 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.870 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

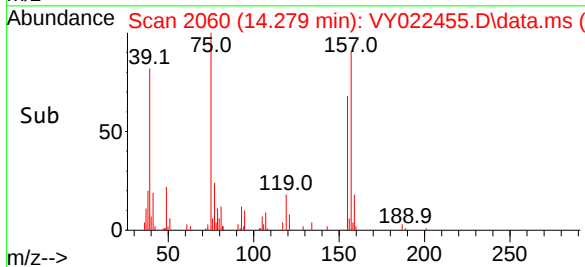
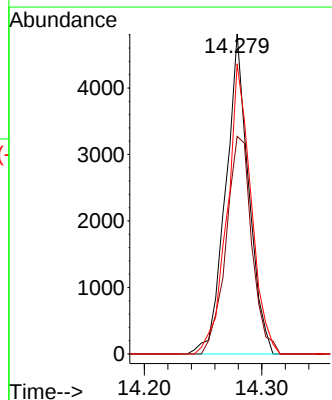
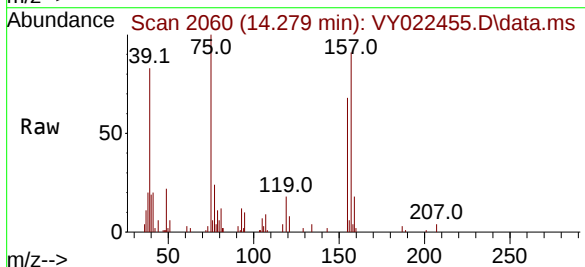
Tgt Ion: 75 Resp: 6529

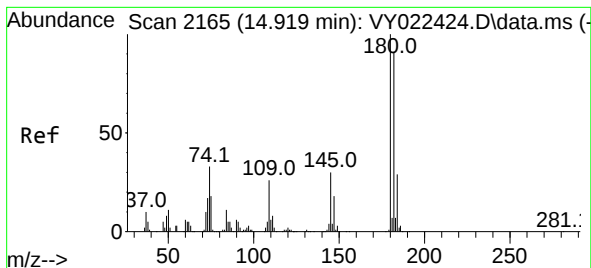
Ion Ratio Lower Upper

75 100

155 76.5 42.3 126.8

157 94.0 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 19.764 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

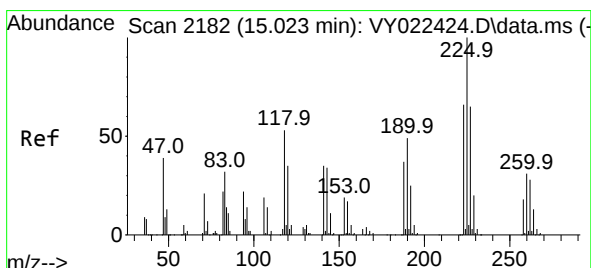
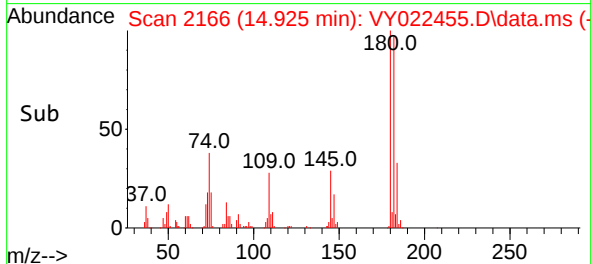
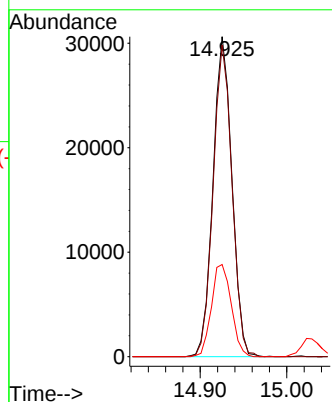
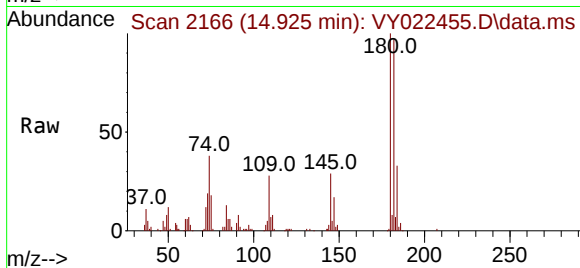
Tgt Ion:180 Resp: 46466

Ion Ratio Lower Upper

180 100

182 97.0 46.2 138.6

145 30.2 14.2 42.8



#94

Hexachlorobutadiene

Concen: 20.624 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

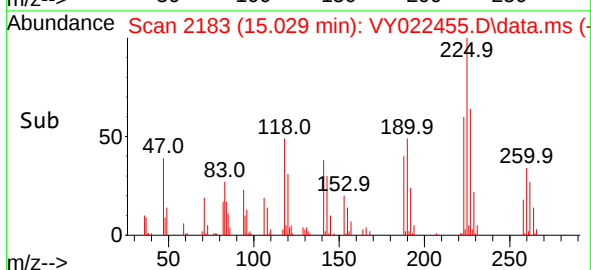
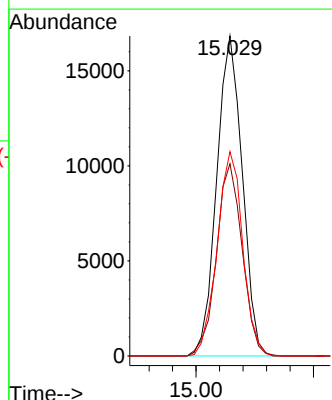
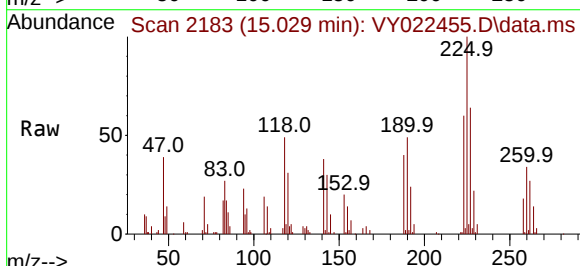
Tgt Ion:225 Resp: 25447

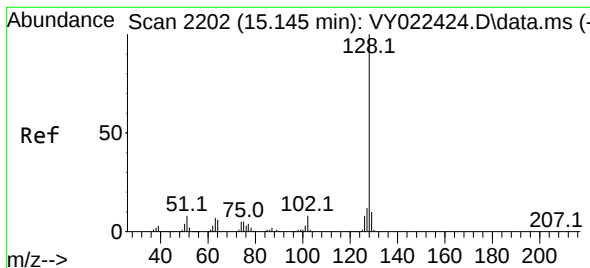
Ion Ratio Lower Upper

225 100

223 60.5 32.6 97.7

227 63.9 33.0 99.0





#95

Naphthalene

Concen: 20.906 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

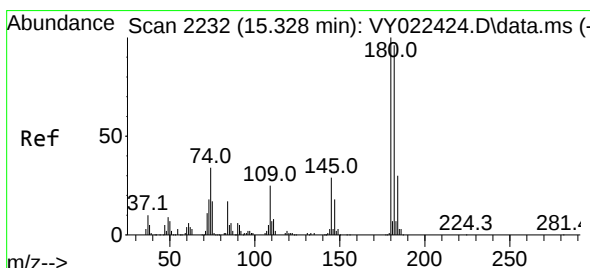
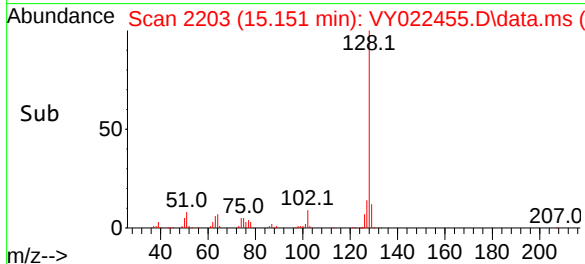
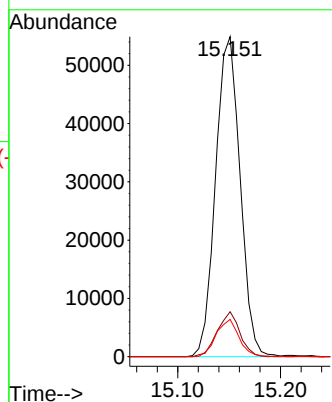
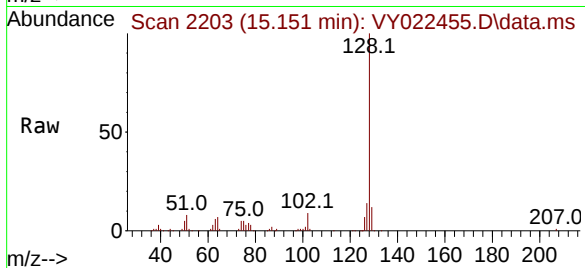
Tgt Ion:128 Resp: 90867

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 20.606 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022455.D

Acq: 29 May 2025 09:27

Tgt Ion:180 Resp: 39732

Ion Ratio Lower Upper

180 100

182 94.0 48.1 144.3

145 31.7 14.9 44.5

