

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022306.D
 Acq On : 19 May 2025 09:59
 Operator : SY/MD
 Sample : VY0519SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

Quant Time: May 20 01:09:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	194565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	331521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	276940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	128146	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107354	50.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.980%	
35) Dibromofluoromethane	7.634	113	100429	50.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.500%	
50) Toluene-d8	10.103	98	414823	51.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.408	95	121910	47.460	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	43055	21.207	ug/l	96
3) Chloromethane	2.068	50	113821	26.652	ug/l	99
4) Vinyl Chloride	2.202	62	128803	26.995	ug/l	99
5) Bromomethane	2.592	94	124608	32.081	ug/l	98
6) Chloroethane	2.733	64	87807	29.581	ug/l	98
7) Trichlorofluoromethane	3.050	101	122549	25.368	ug/l	95
8) Diethyl Ether	3.452	74	24175	20.853	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	45542	21.716	ug/l	99
10) Methyl Iodide	4.001	142	50436	20.779	ug/l	100
11) Tert butyl alcohol	4.879	59	15476	95.307	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	45072	21.657	ug/l	95
13) Acrolein	3.653	56	19543	82.326	ug/l	99
14) Allyl chloride	4.385	41	70168	19.228	ug/l	95
15) Acrylonitrile	5.061	53	48359	101.234	ug/l	99
16) Acetone	3.879	43	33255	83.405	ug/l	99
17) Carbon Disulfide	4.104	76	143565	21.154	ug/l	99
18) Methyl Acetate	4.385	43	24721	19.665	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	119462	20.818	ug/l	96
20) Methylene Chloride	4.610	84	50462	19.587	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	48842	21.262	ug/l	99
22) Diisopropyl ether	6.019	45	152437	19.781	ug/l	97
23) Vinyl Acetate	5.958	43	449453	96.539	ug/l	100
24) 1,1-Dichloroethane	5.909	63	89079	20.690	ug/l	98
25) 2-Butanone	6.896	43	61413	92.082	ug/l	99
26) 2,2-Dichloropropane	6.884	77	78841	20.589	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	55830	21.061	ug/l	99
28) Bromochloromethane	7.244	49	38029	20.708	ug/l	99
29) Tetrahydrofuran	7.262	42	42869	99.910	ug/l	98
30) Chloroform	7.421	83	88657	21.469	ug/l	99
31) Cyclohexane	7.701	56	87956	20.447	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	79733	21.045	ug/l	100
36) 1,1-Dichloropropene	7.835	75	67371	20.671	ug/l	99
37) Ethyl Acetate	6.988	43	29722	18.954	ug/l	98
38) Carbon Tetrachloride	7.817	117	69525	20.608	ug/l	97
39) Methylcyclohexane	9.110	83	87625	20.012	ug/l	97
40) Benzene	8.079	78	200424	20.744	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	16084	15.462	ug/l #	80
42) 1,2-Dichloroethane	8.158	62	52712	20.174	ug/l	100
43) Isopropyl Acetate	8.195	43	64516	18.865	ug/l	98
44) Trichloroethene	8.866	130	49650	20.667	ug/l	96
45) 1,2-Dichloropropane	9.140	63	47015	20.183	ug/l	100
46) Dibromomethane	9.231	93	26192	20.847	ug/l	97
47) Bromodichloromethane	9.420	83	66833	20.505	ug/l	98
48) Methyl methacrylate	9.219	41	29452	18.415	ug/l	93
49) 1,4-Dioxane	9.231	88	5547	390.819	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	158163	94.253	ug/l	98
52) Toluene	10.170	92	123710	20.220	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	62382	19.612	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	74146	20.346	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	33457	20.796	ug/l	97
56) Ethyl methacrylate	10.439	69	48821	19.481	ug/l	98
57) 1,3-Dichloropropane	10.719	76	57054	19.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	99928	88.837	ug/l	98
59) 2-Hexanone	10.762	43	103950	92.391	ug/l	96
60) Dibromochloromethane	10.914	129	41635	19.938	ug/l	99
61) 1,2-Dibromoethane	11.012	107	29997	20.005	ug/l	98
64) Tetrachloroethene	10.646	164	52068	20.341	ug/l	94
65) Chlorobenzene	11.444	112	128350	20.542	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	43068	20.051	ug/l	99
67) Ethyl Benzene	11.518	91	232654	19.883	ug/l	98
68) m/p-Xylenes	11.627	106	176339	39.993	ug/l	100
69) o-Xylene	11.957	106	83255	19.957	ug/l	99
70) Styrene	11.969	104	140022	19.898	ug/l	99
71) Bromoform	12.133	173	22935	19.782	ug/l #	100
73) Isopropylbenzene	12.255	105	219562	20.682	ug/l	99
74) N-amyl acetate	12.072	43	57158	18.825	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	34577	21.178	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	26521m	20.428	ug/l	
77) Bromobenzene	12.536	156	46327	20.432	ug/l	100
78) n-propylbenzene	12.597	91	265840	20.760	ug/l	99
79) 2-Chlorotoluene	12.682	91	142473	20.246	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	172377	20.114	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12146	18.952	ug/l	94
82) 4-Chlorotoluene	12.780	91	142463	19.682	ug/l	99
83) tert-Butylbenzene	12.999	119	155407	20.403	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	171885	20.205	ug/l	98
85) sec-Butylbenzene	13.176	105	235679	20.844	ug/l	100
86) p-Isopropyltoluene	13.292	119	191308	20.117	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	91946	19.864	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	90855	20.406	ug/l	99
89) n-Butylbenzene	13.615	91	185056	20.570	ug/l	98
90) Hexachloroethane	13.877	117	38879	20.253	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	77516	19.937	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5591	21.236	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	44362	19.753	ug/l	99
94) Hexachlorobutadiene	15.023	225	25145	20.076	ug/l	96
95) Naphthalene	15.145	128	82889	19.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	36544	19.181	ug/l	98

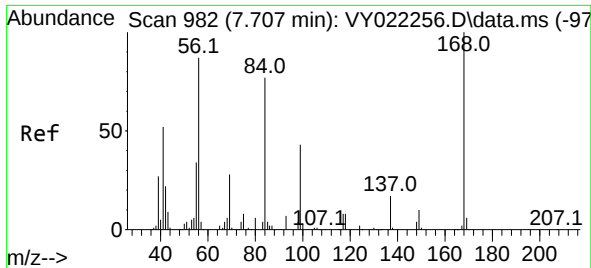
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
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Response via : Initial Calibration

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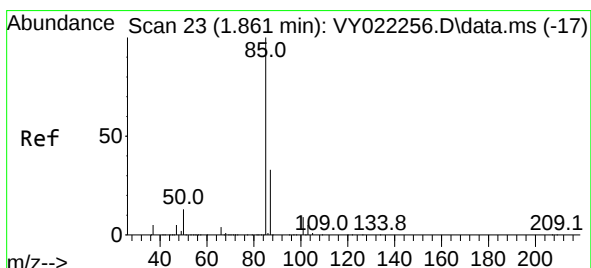
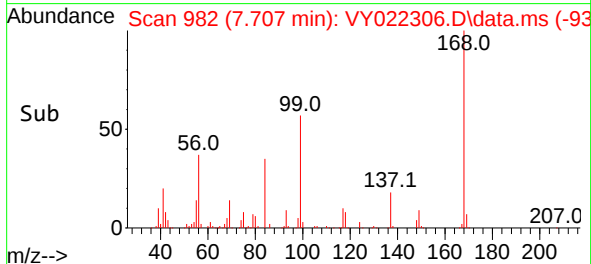
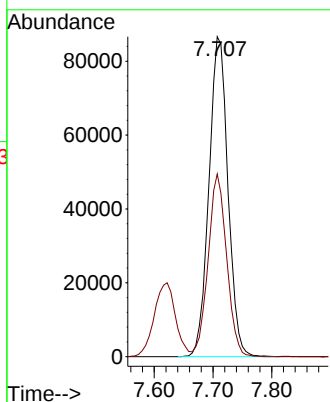
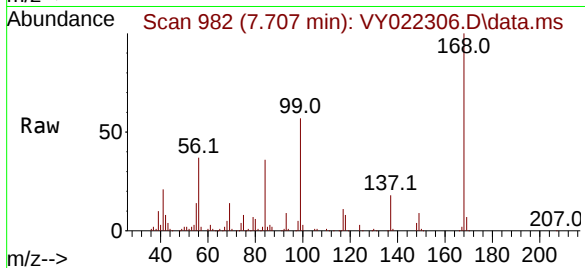
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022306.D
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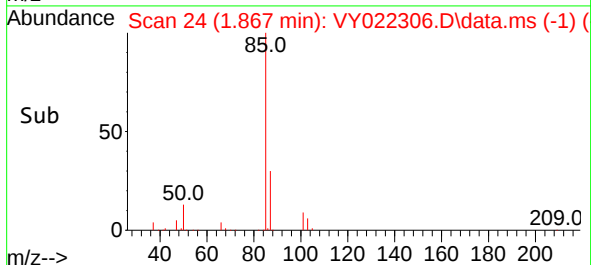
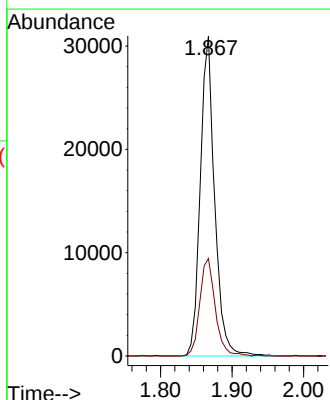
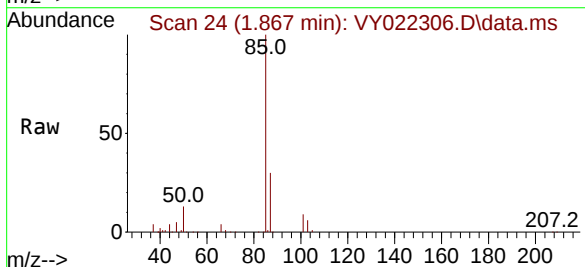
Instrument :
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ClientSampleId :
VY0519SBSD01

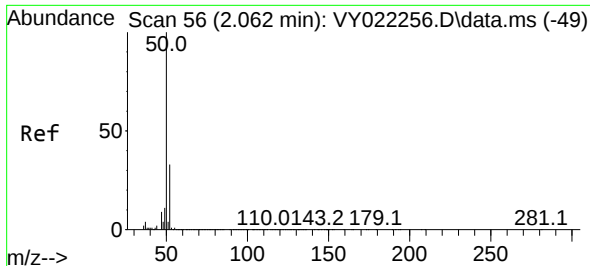
Tgt Ion:168 Resp: 194565
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.207 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 85 Resp: 43055
Ion Ratio Lower Upper
85 100
87 30.5 16.5 49.5

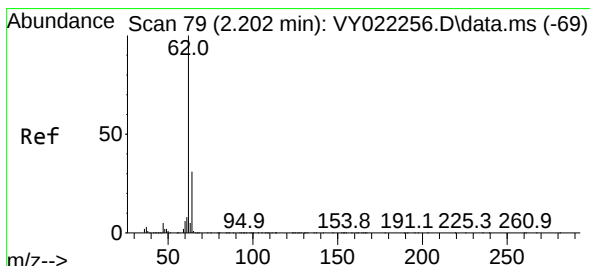
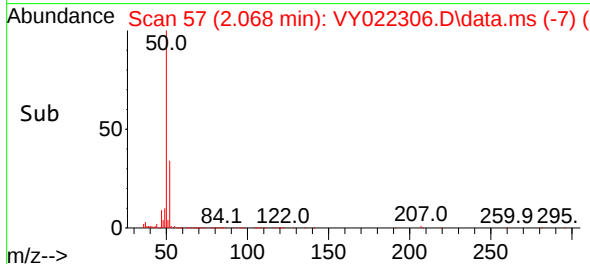
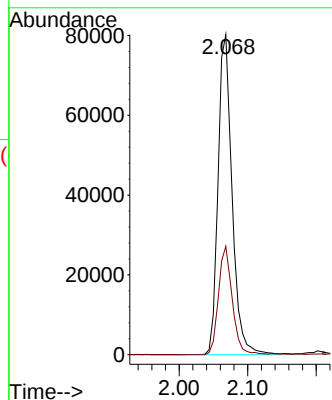
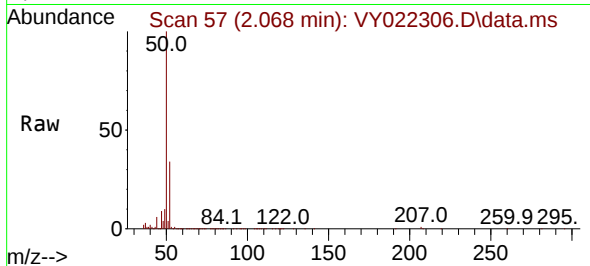




#3
Chloromethane
Concen: 26.652 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

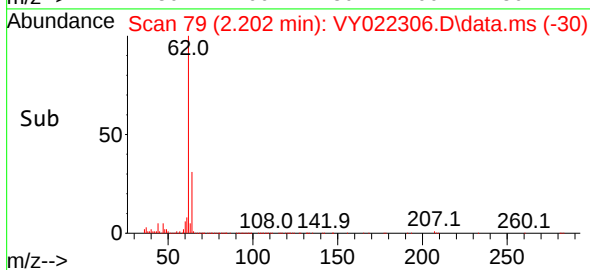
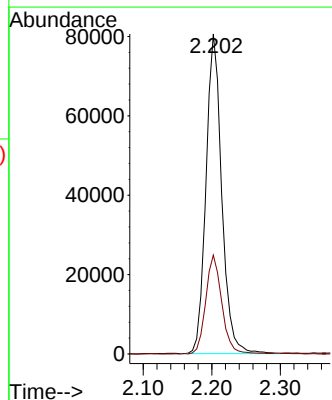
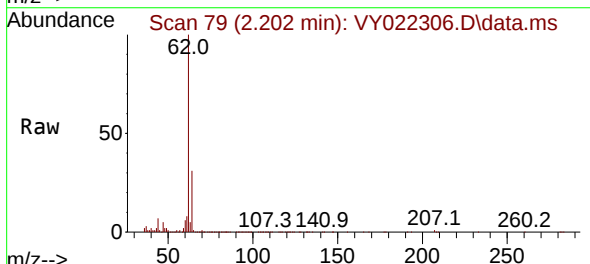
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

Tgt Ion: 50 Resp: 113821
Ion Ratio Lower Upper
50 100
52 33.9 26.5 39.7



#4
Vinyl Chloride
Concen: 26.995 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 62 Resp: 128803
Ion Ratio Lower Upper
62 100
64 30.9 24.5 36.7

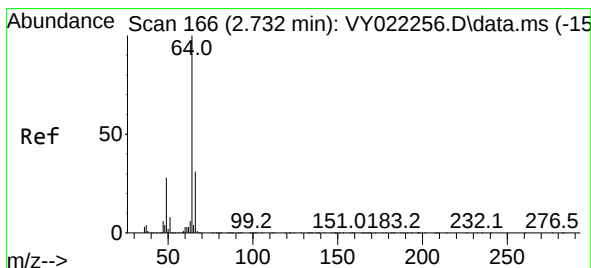
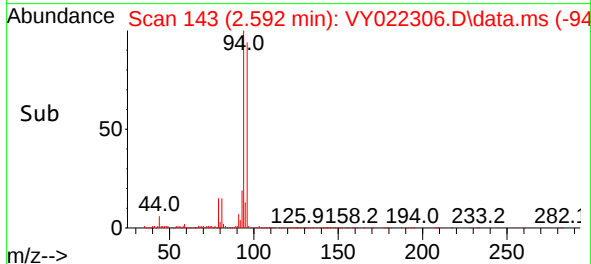
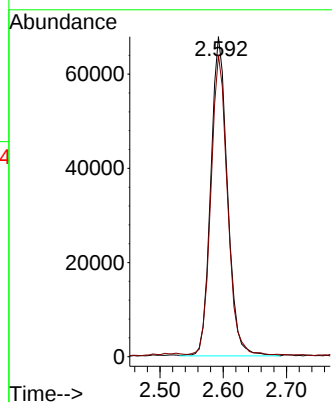
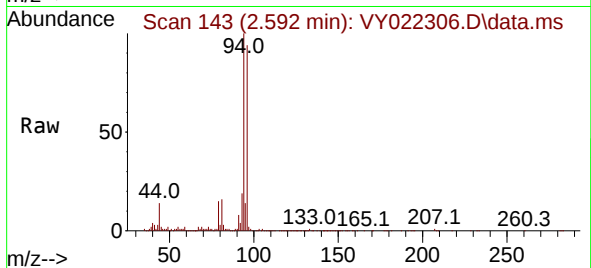




#5
Bromomethane
Concen: 32.081 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

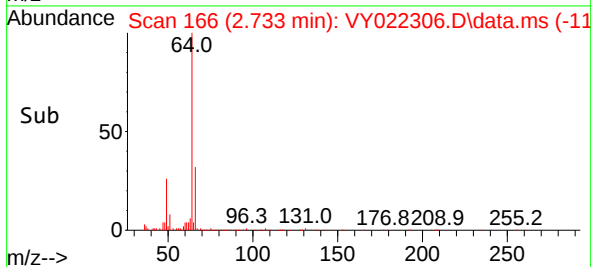
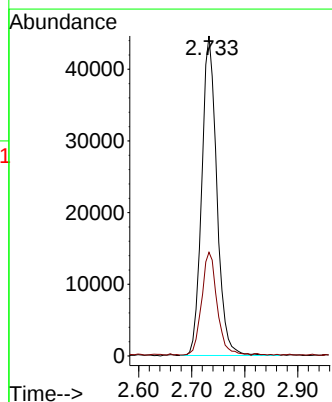
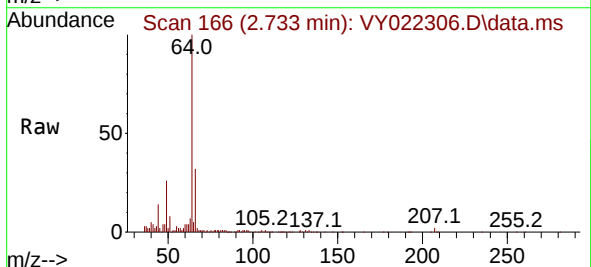
Instrument :
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ClientSampleId :
VY0519SBSD01

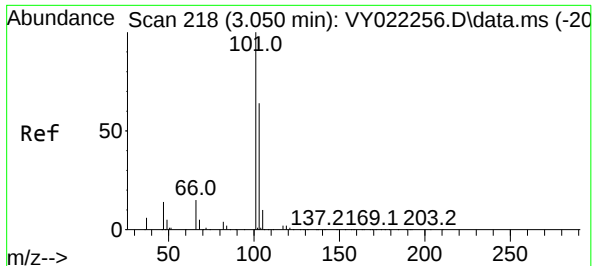
Tgt Ion: 94 Resp: 124608
Ion Ratio Lower Upper
94 100
96 93.8 73.4 110.0



#6
Chloroethane
Concen: 29.581 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 64 Resp: 87807
Ion Ratio Lower Upper
64 100
66 32.1 24.8 37.2

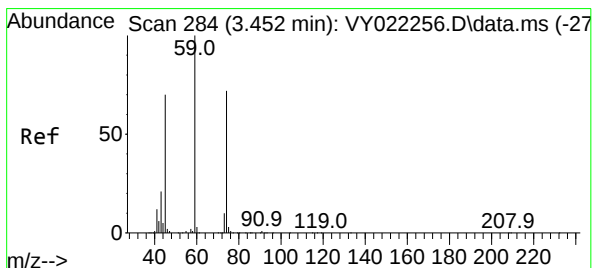
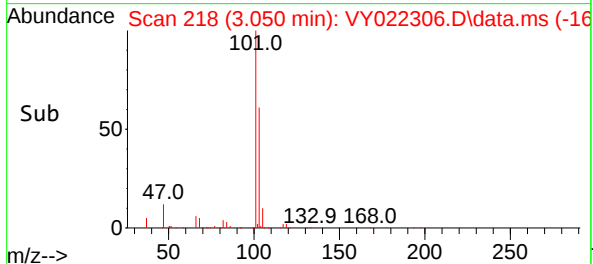
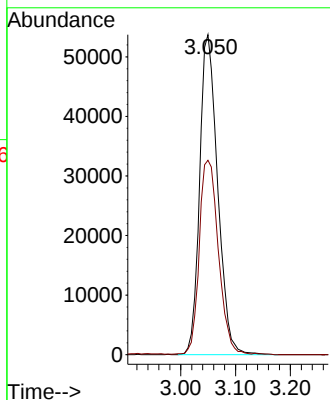
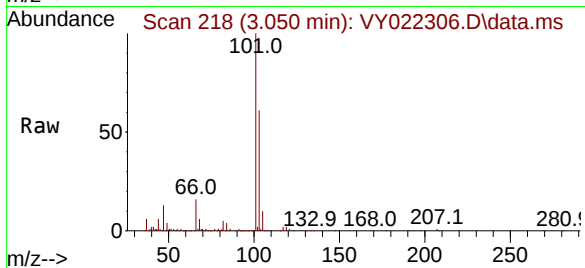




#7
Trichlorofluoromethane
Concen: 25.368 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022306.D
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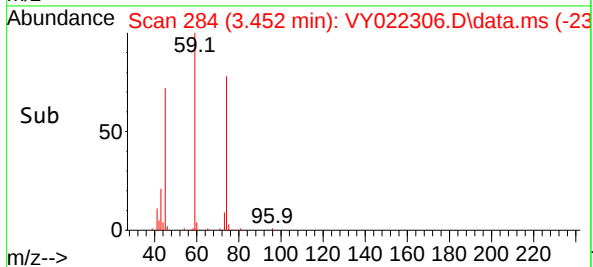
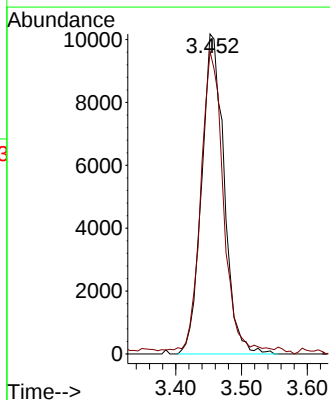
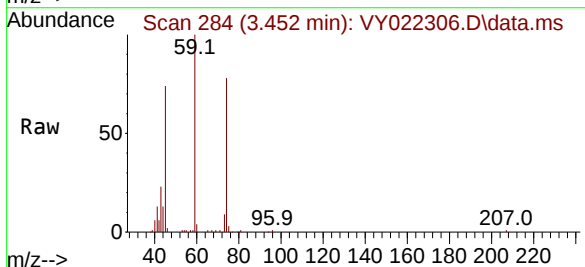
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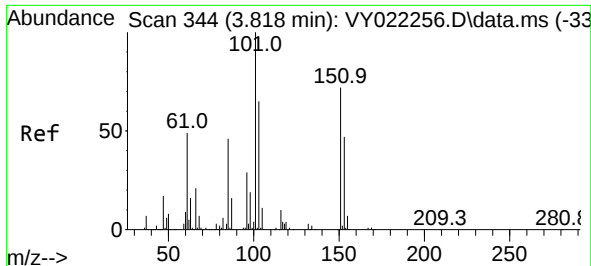
Tgt Ion:101 Resp: 122549
Ion Ratio Lower Upper
101 100
103 60.8 51.7 77.5



#8
Diethyl Ether
Concen: 20.853 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 74 Resp: 24175
Ion Ratio Lower Upper
74 100
45 91.6 48.6 145.8

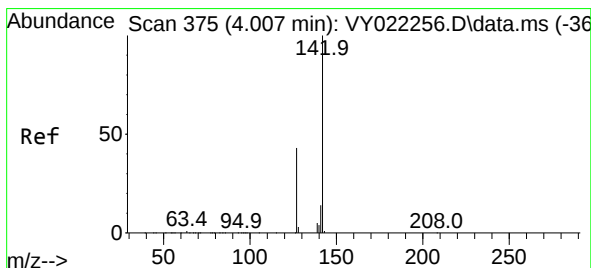
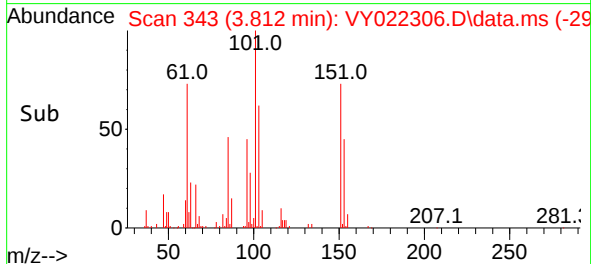
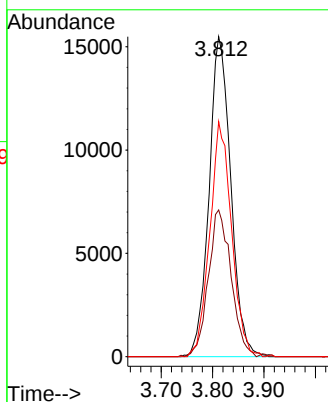
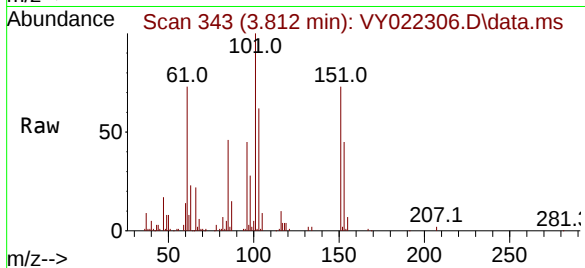




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.716 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022306.D
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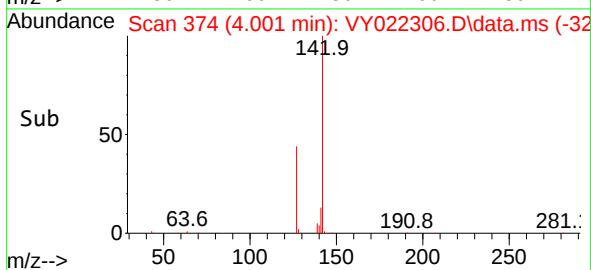
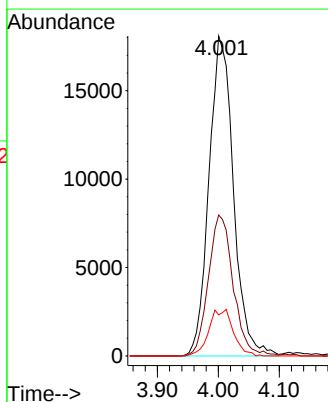
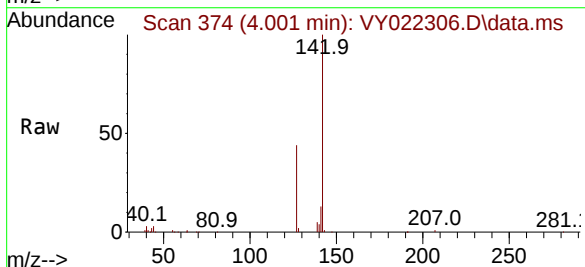
Instrument :
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ClientSampleId :
VY0519SBS01

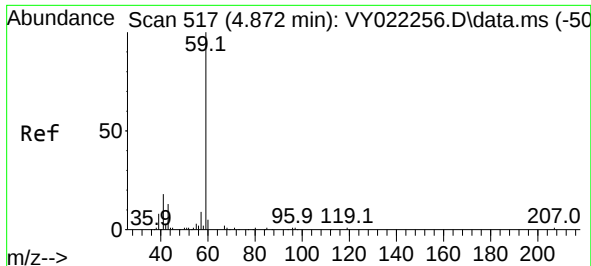
Tgt Ion:101 Resp: 45542
Ion Ratio Lower Upper
101 100
85 48.0 38.6 58.0
151 73.4 59.7 89.5



#10
Methyl Iodide
Concen: 20.779 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion:142 Resp: 50436
Ion Ratio Lower Upper
142 100
127 44.6 35.7 53.5
141 14.6 11.1 16.7

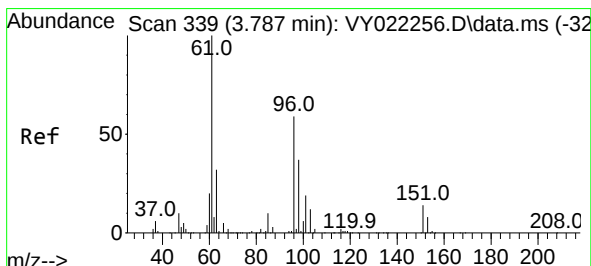
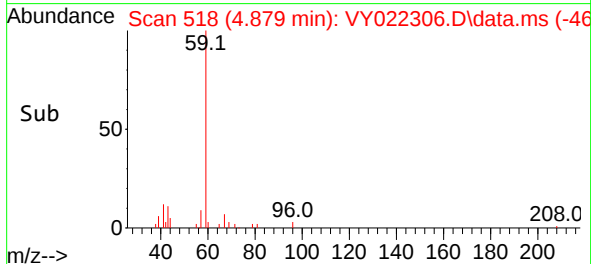
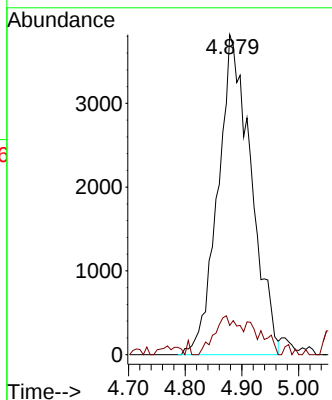
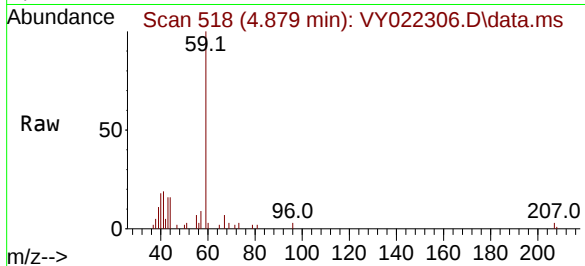




#11
Tert butyl alcohol
Concen: 95.307 ug/l
RT: 4.879 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

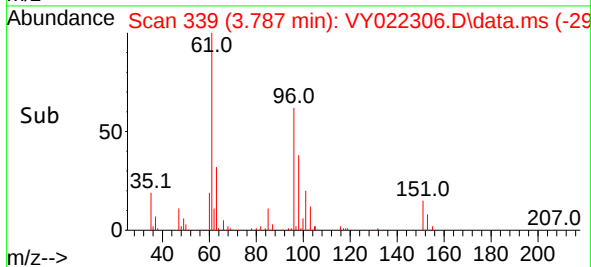
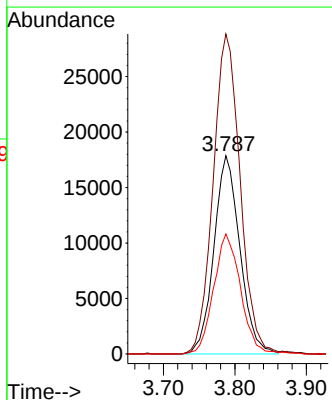
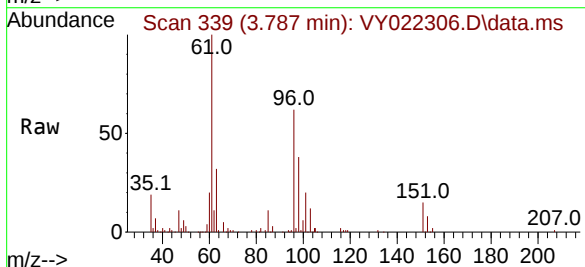
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

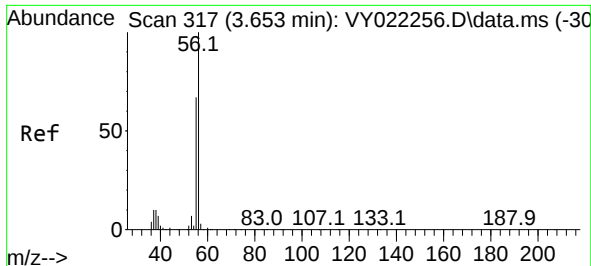
Tgt Ion: 59 Resp: 15476
Ion Ratio Lower Upper
59 100
57 9.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 21.657 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 96 Resp: 45072
Ion Ratio Lower Upper
96 100
61 161.4 134.9 202.3
98 60.5 49.9 74.9





#13

Acrolein

Concen: 82.326 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

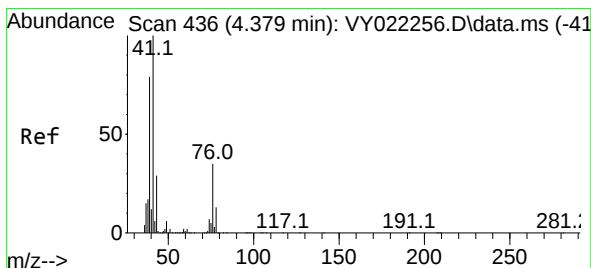
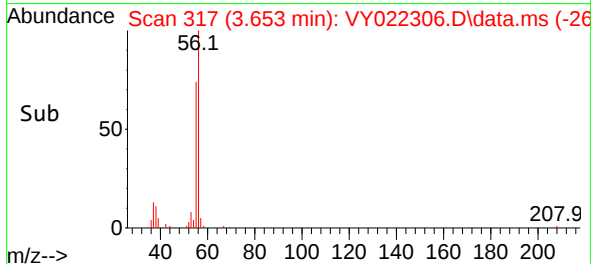
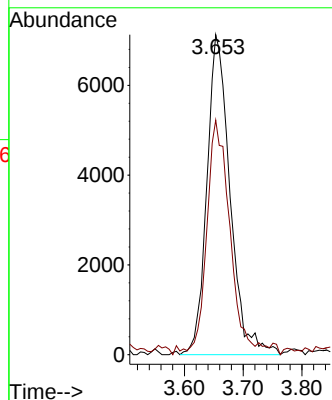
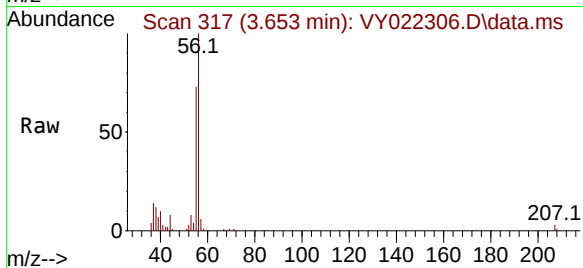
VY0519SBS01

Tgt Ion: 56 Resp: 19543

Ion Ratio Lower Upper

56 100

55 68.8 55.6 83.4



#14

Allyl chloride

Concen: 19.228 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

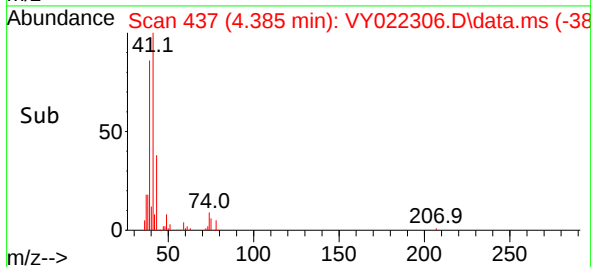
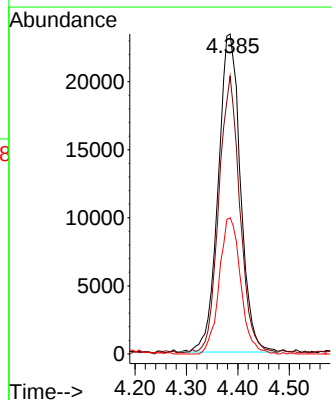
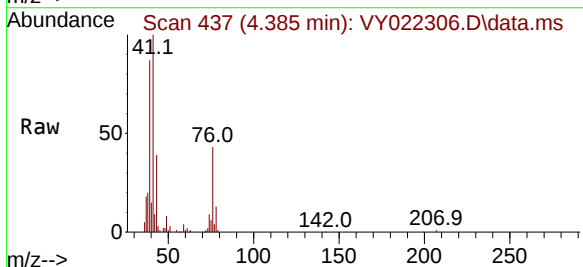
Tgt Ion: 41 Resp: 70168

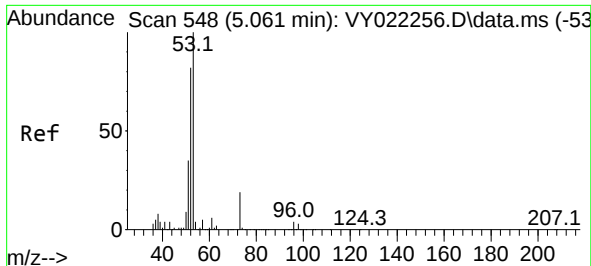
Ion Ratio Lower Upper

41 100

39 82.0 63.4 95.0

76 41.3 29.5 44.3

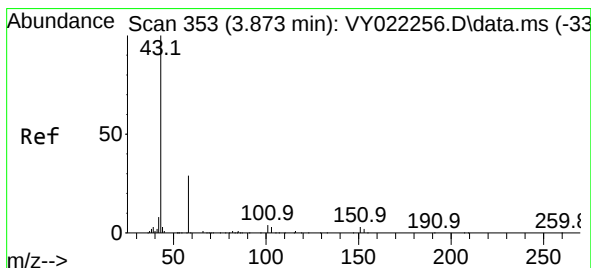
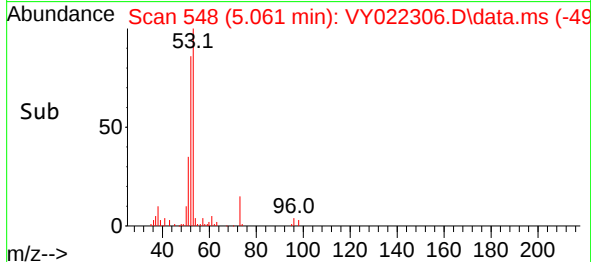
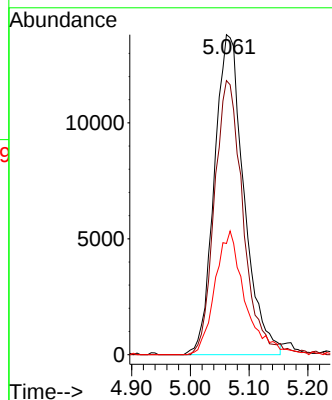
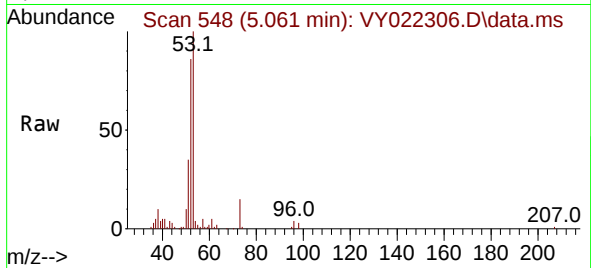




#15
Acrylonitrile
Concen: 101.234 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

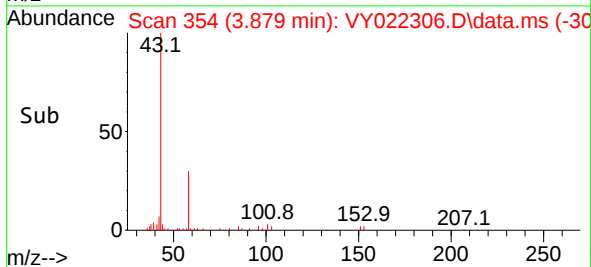
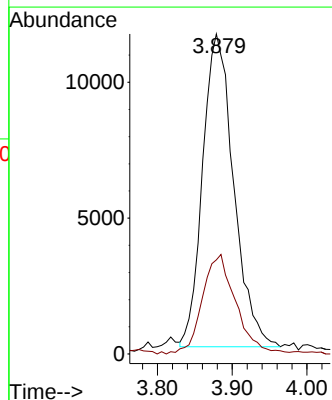
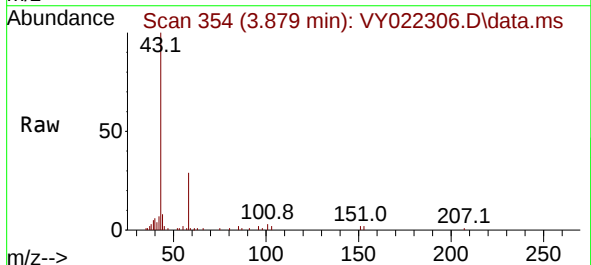
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

Tgt Ion:	53	Resp:	48359
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.1	99.1
51	39.5	30.0	45.0



#16
Acetone
Concen: 83.405 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion:	43	Resp:	33255
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.6	35.4

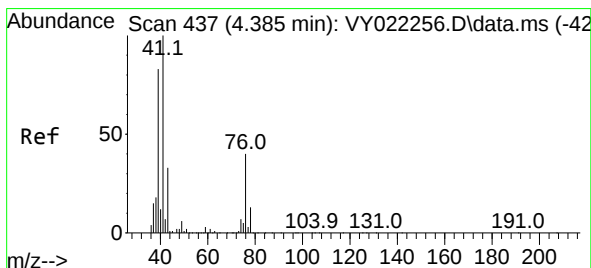
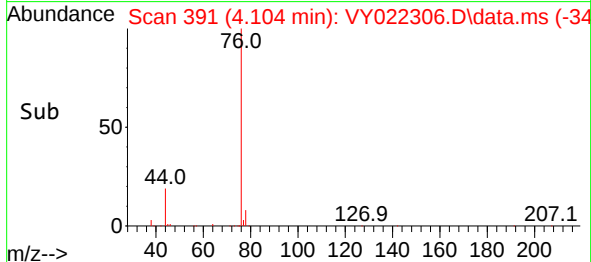
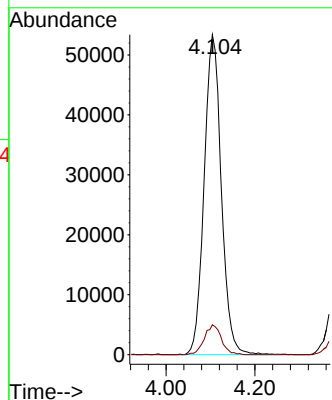
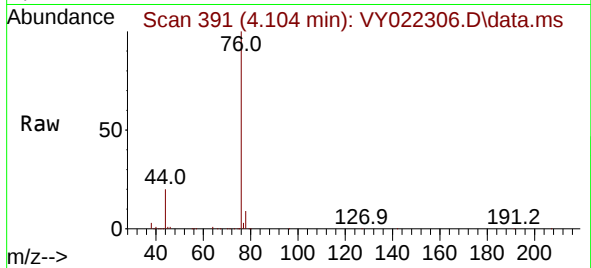




#17
Carbon Disulfide
Concen: 21.154 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

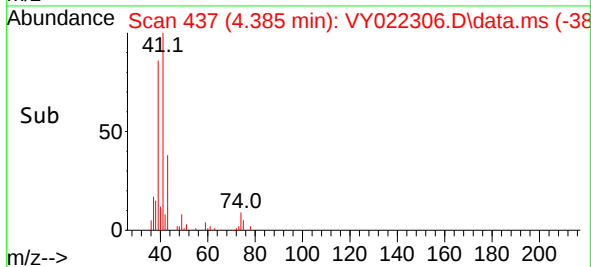
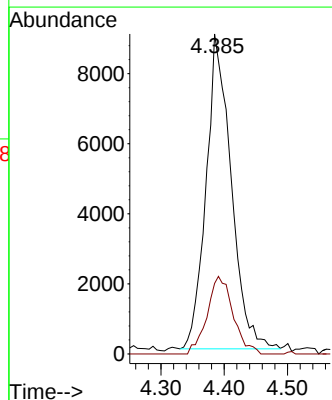
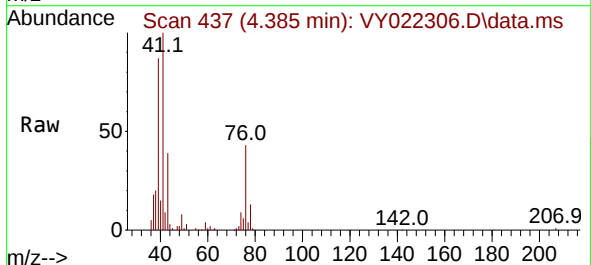
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

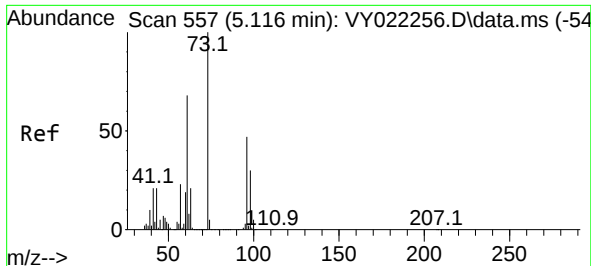
Tgt Ion: 76 Resp: 143565
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 19.665 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 43 Resp: 24721
Ion Ratio Lower Upper
43 100
74 25.4 18.2 27.4

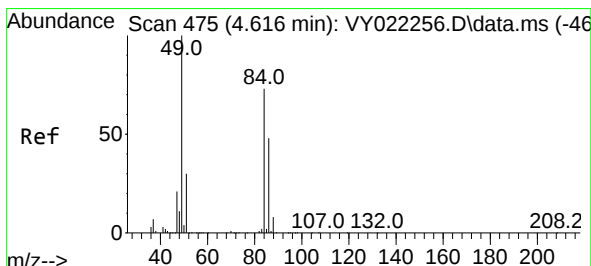
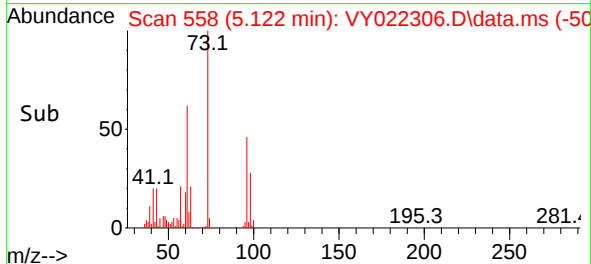
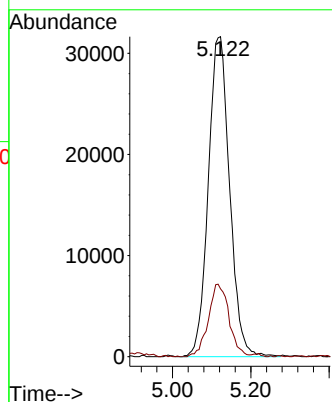
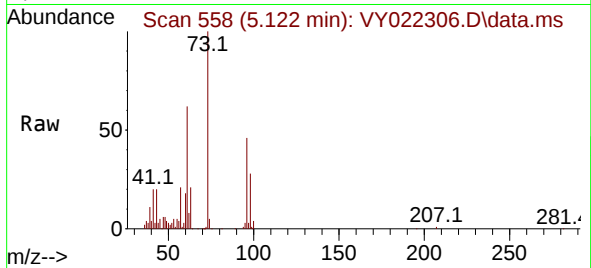




#19
Methyl tert-butyl Ether
Concen: 20.818 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

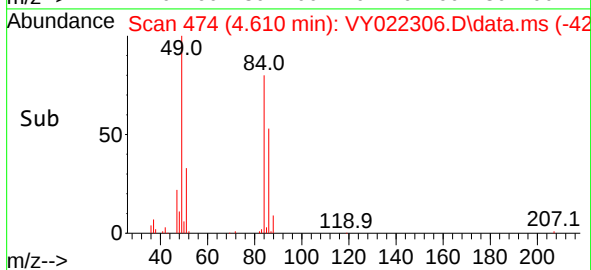
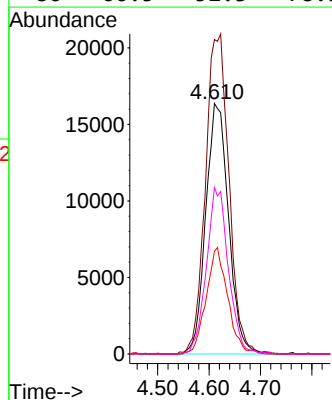
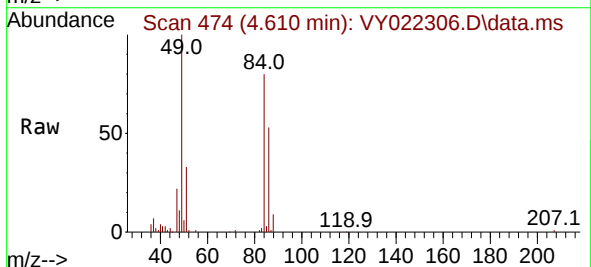
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

Tgt Ion: 73 Resp: 119462
Ion Ratio Lower Upper
73 100
57 21.2 18.6 28.0



#20
Methylene Chloride
Concen: 19.587 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 84 Resp: 50462
Ion Ratio Lower Upper
84 100
49 125.5 109.6 164.4
51 41.0 32.4 48.6
86 66.5 52.3 78.5

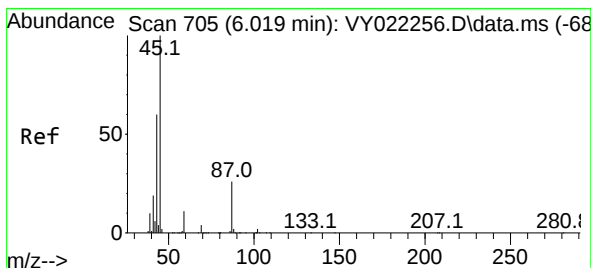
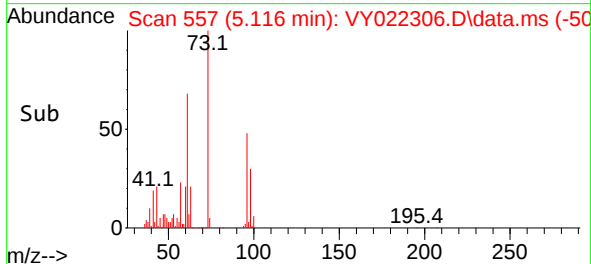
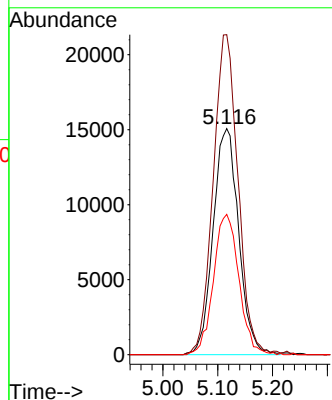
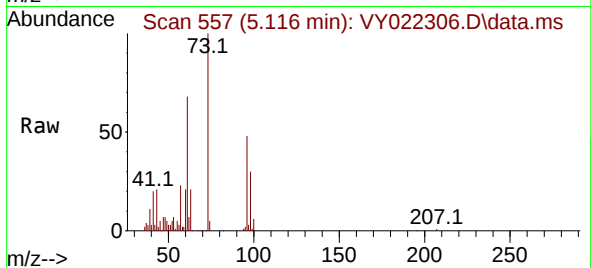




#21
trans-1,2-Dichloroethene
Concen: 21.262 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

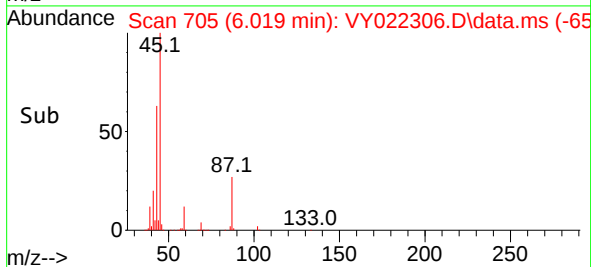
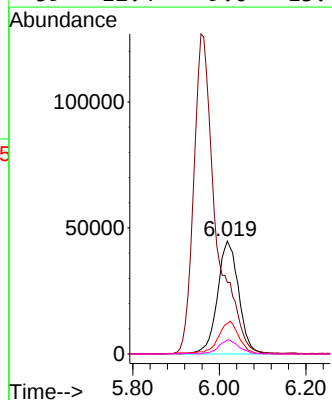
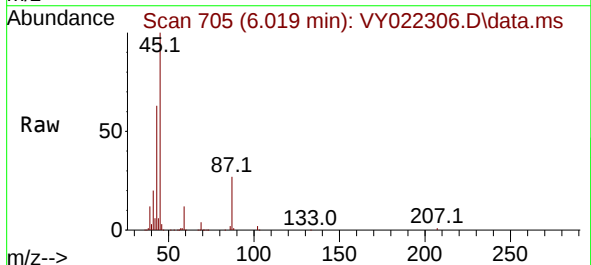
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

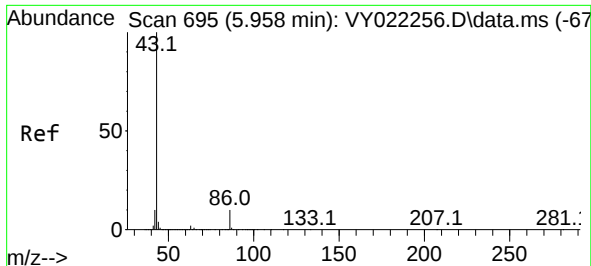
Tgt Ion: 96 Resp: 48842
Ion Ratio Lower Upper
96 100
61 141.6 113.4 170.0
98 62.1 50.9 76.3



#22
Diisopropyl ether
Concen: 19.781 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 45 Resp: 152437
Ion Ratio Lower Upper
45 100
43 62.6 48.2 72.2
87 27.1 21.4 32.0
59 12.4 9.0 13.4

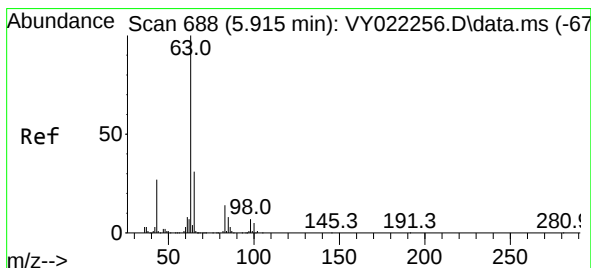
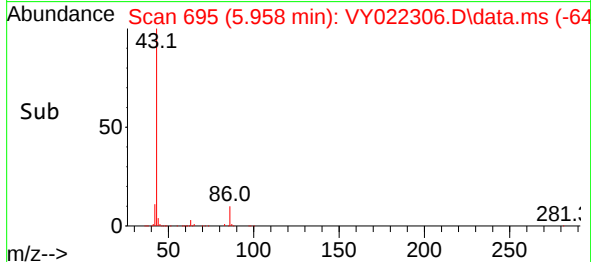
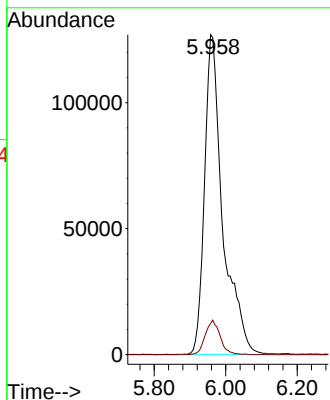
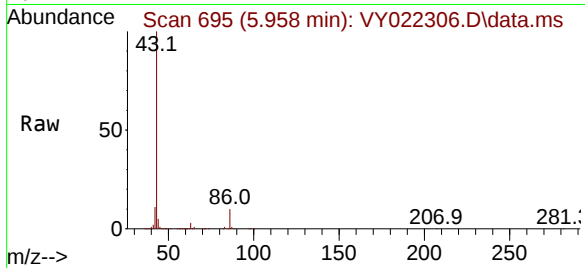




#23
 Vinyl Acetate
 Concen: 96.539 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

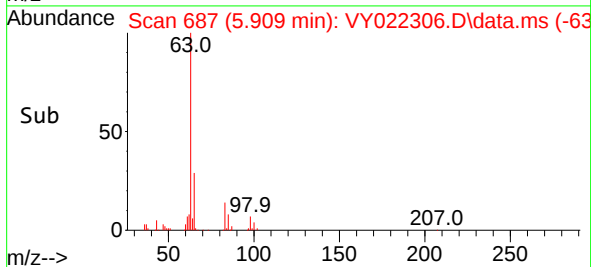
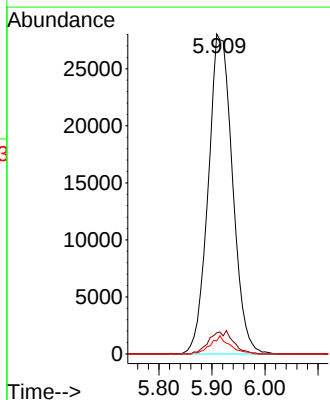
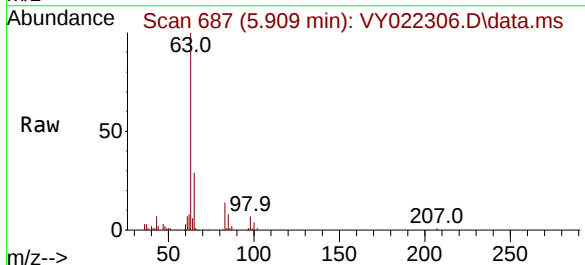
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

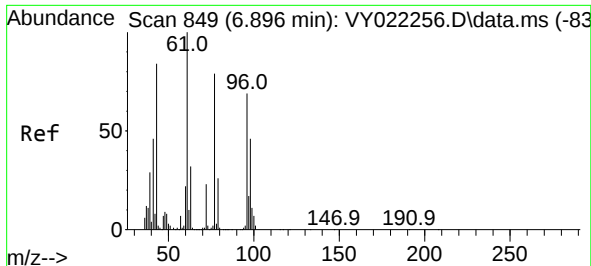
Tgt Ion: 43 Resp: 449453
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.690 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

Tgt Ion: 63 Resp: 89079
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.1 2.4 7.2





#25

2-Butanone

Concen: 92.082 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

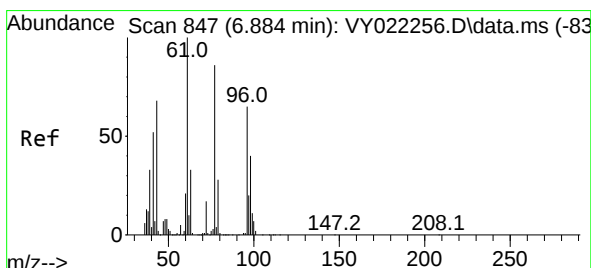
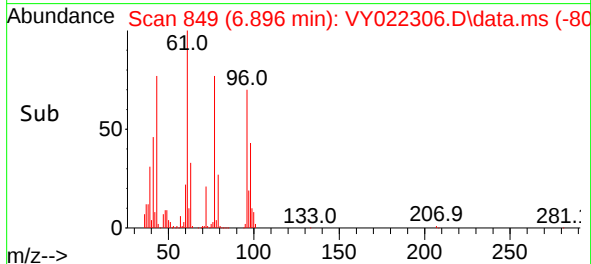
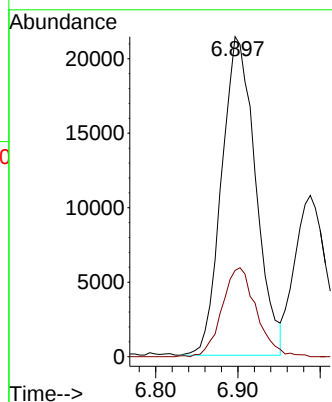
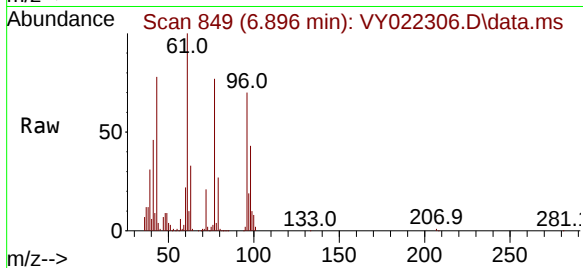
VY0519SBS01

Tgt Ion: 43 Resp: 61413

Ion Ratio Lower Upper

43 100

72 26.8 22.1 33.1



#26

2,2-Dichloropropane

Concen: 20.589 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022306.D

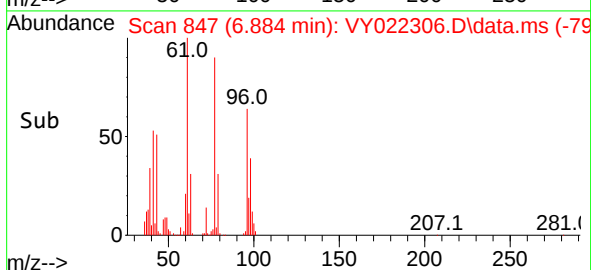
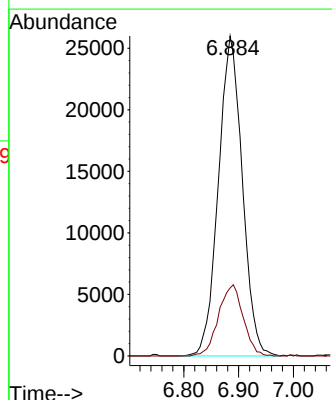
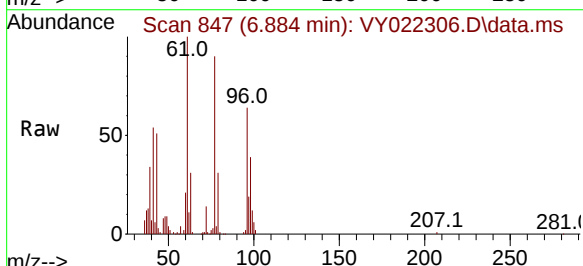
Acq: 19 May 2025 09:59

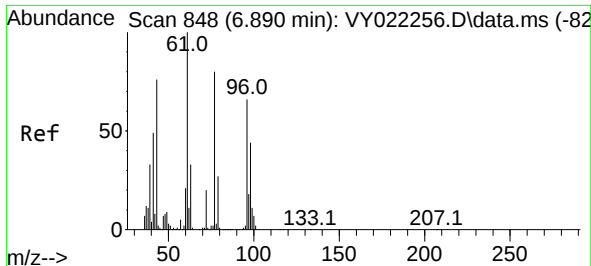
Tgt Ion: 77 Resp: 78841

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 21.061 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

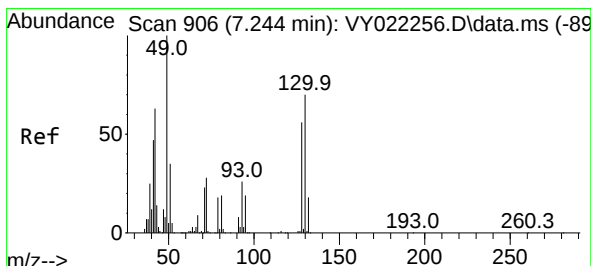
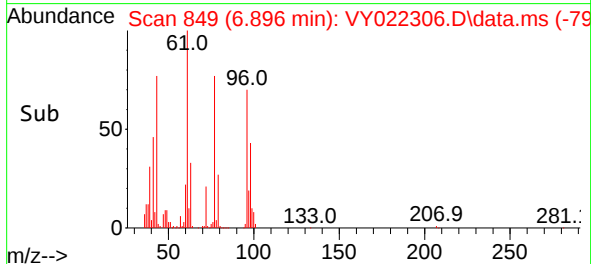
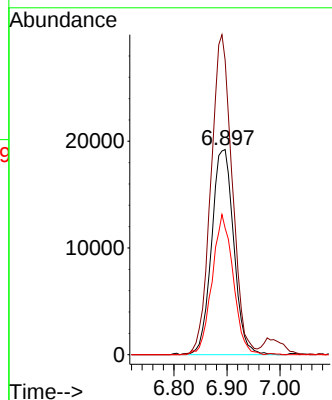
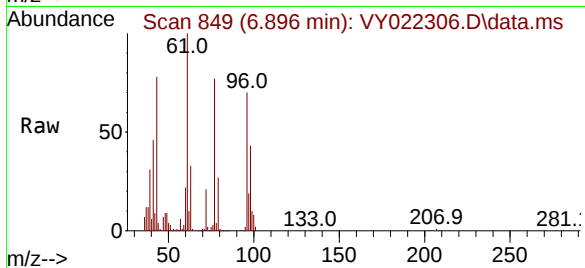
Tgt Ion: 96 Resp: 55830

Ion Ratio Lower Upper

96 100

61 149.8 0.0 302.6

98 64.9 0.0 128.8



#28

Bromochloromethane

Concen: 20.708 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

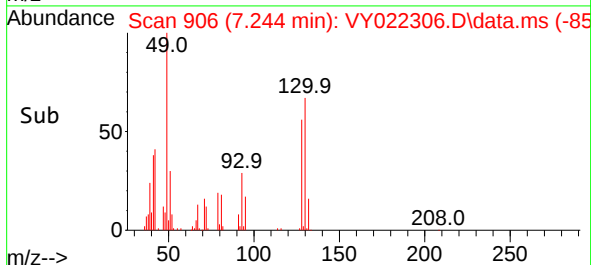
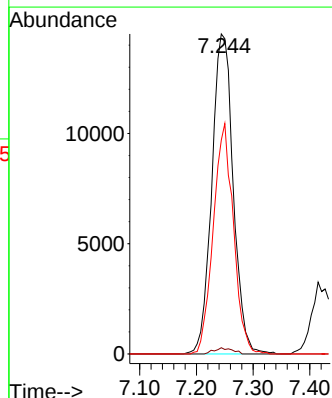
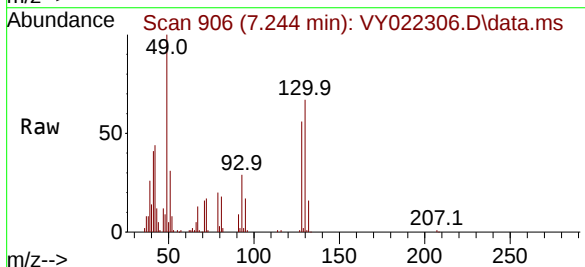
Tgt Ion: 49 Resp: 38029

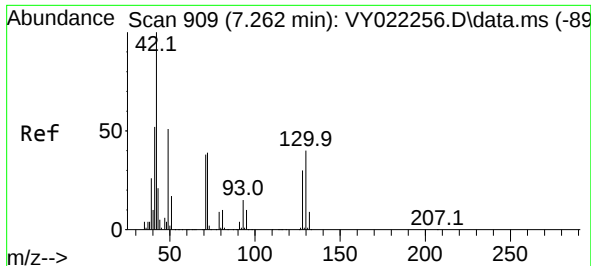
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.6

130 68.0 54.7 82.1





#29

Tetrahydrofuran

Concen: 99.910 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

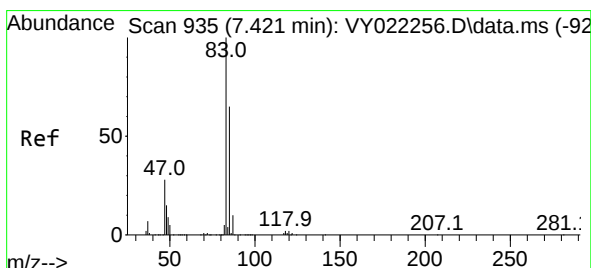
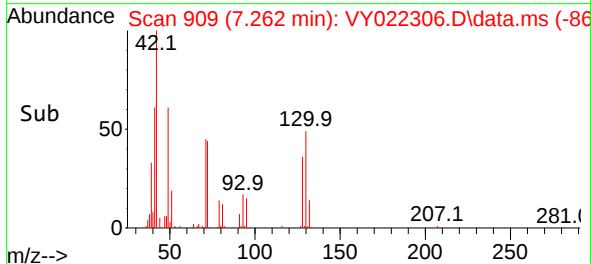
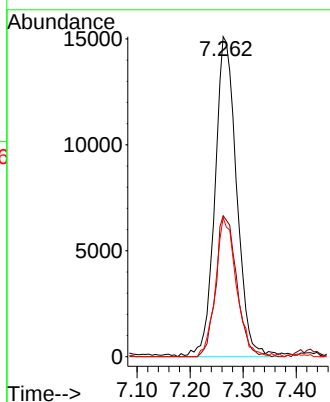
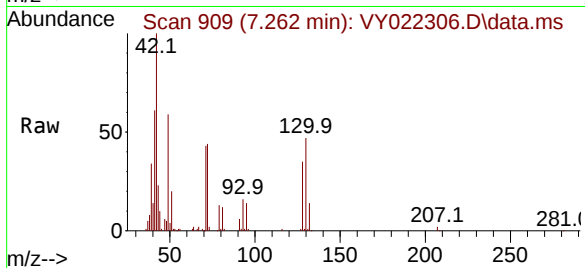
Tgt Ion: 42 Resp: 42869

Ion Ratio Lower Upper

42 100

72 42.7 33.8 50.6

71 41.8 31.5 47.3



#30

Chloroform

Concen: 21.469 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022306.D

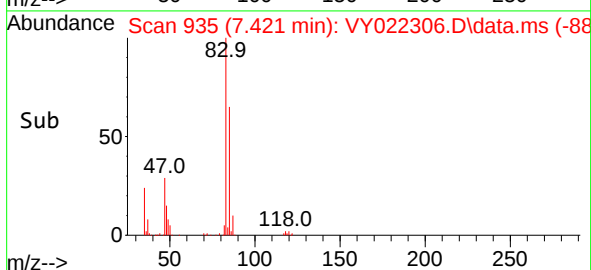
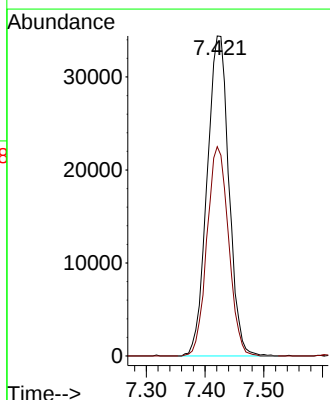
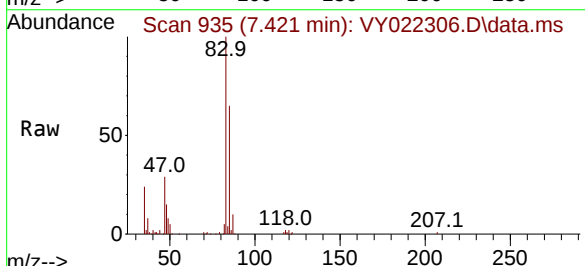
Acq: 19 May 2025 09:59

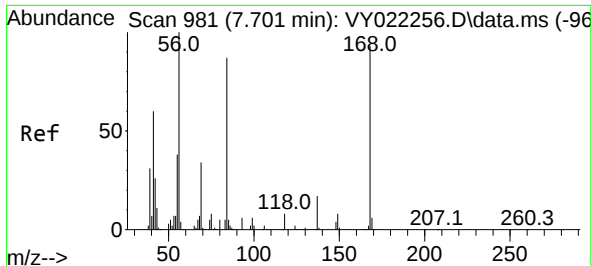
Tgt Ion: 83 Resp: 88657

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.8





#31

Cyclohexane

Concen: 20.447 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

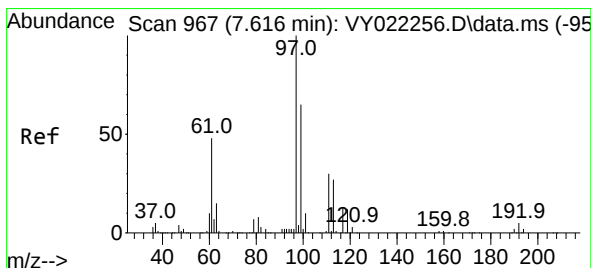
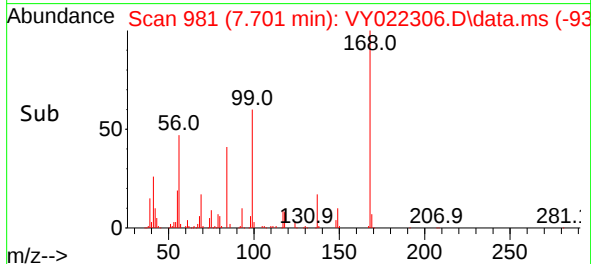
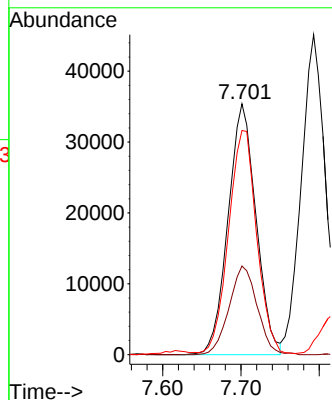
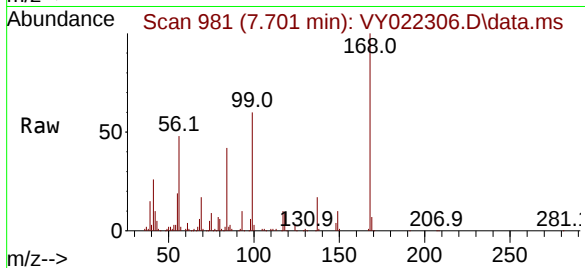
Tgt Ion: 56 Resp: 87956

Ion Ratio Lower Upper

56 100

69 35.3 27.4 41.2

84 87.9 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 21.045 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

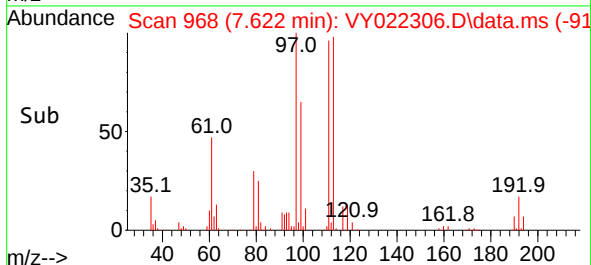
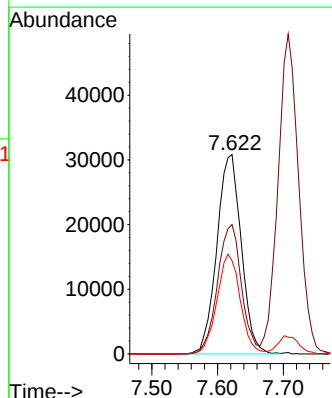
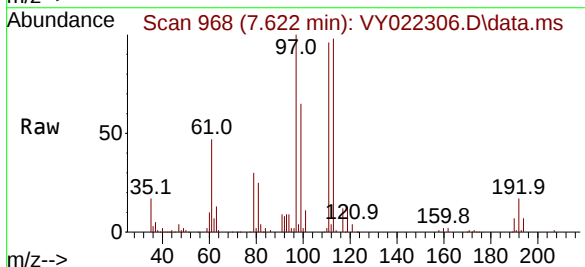
Tgt Ion: 97 Resp: 79733

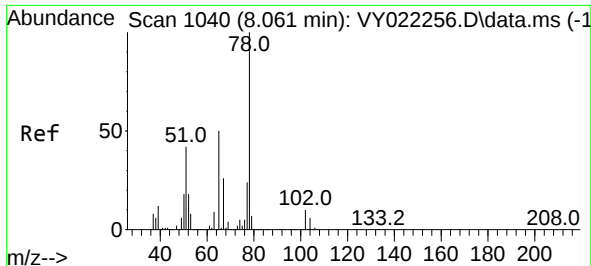
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

61 47.8 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 50.486 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

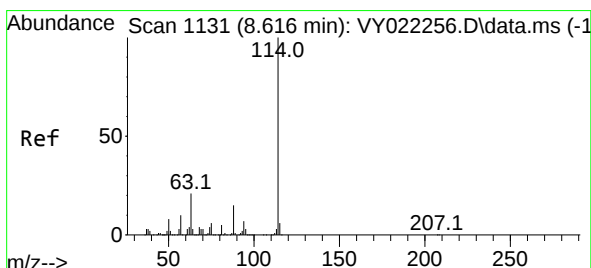
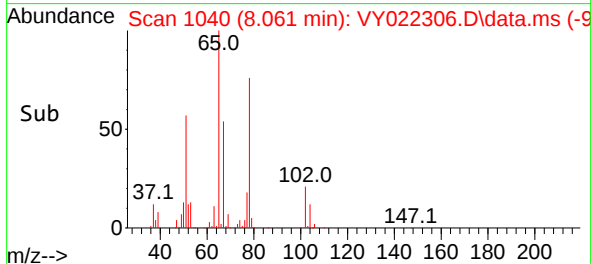
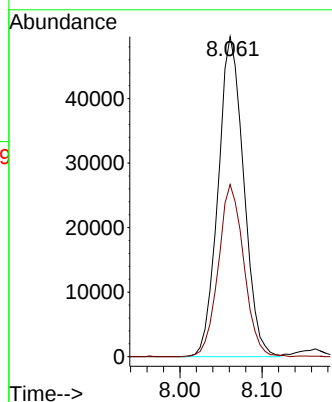
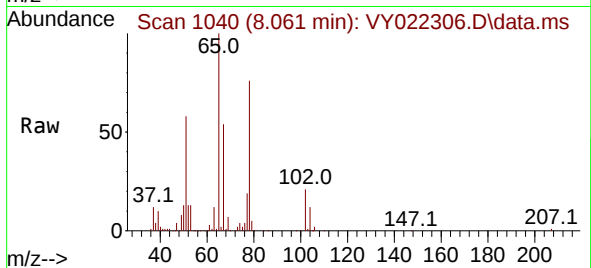
VY0519SBS01

Tgt Ion: 65 Resp: 107354

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

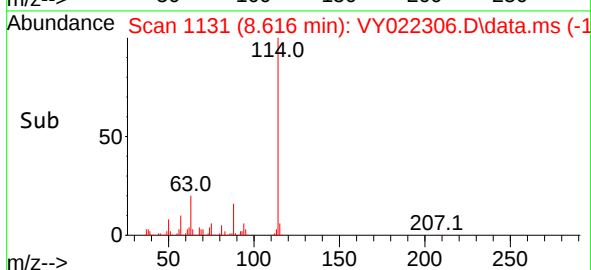
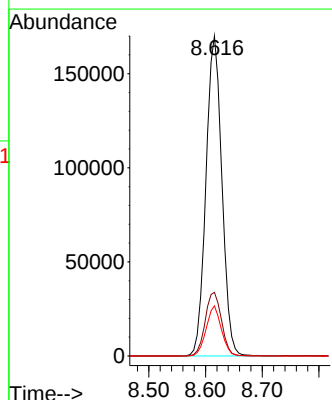
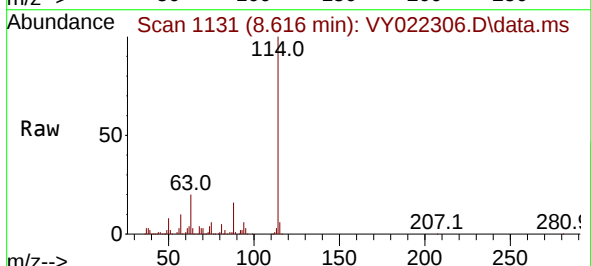
Tgt Ion: 114 Resp: 331521

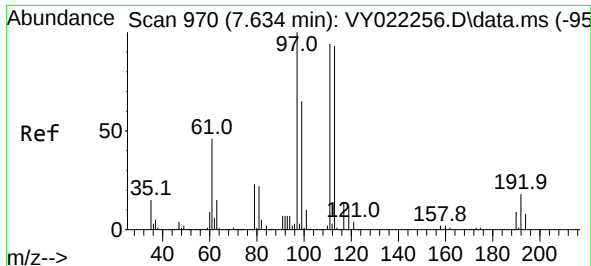
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 15.6 0.0 29.4

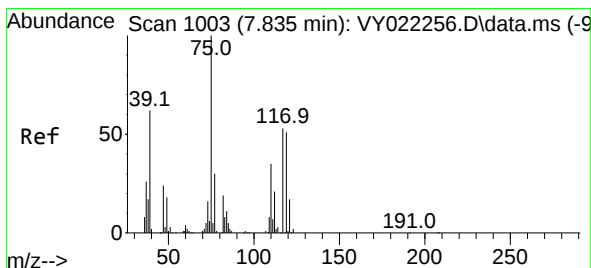
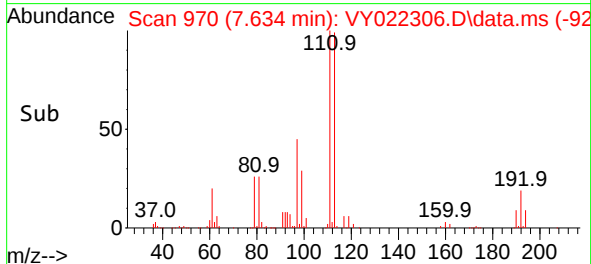
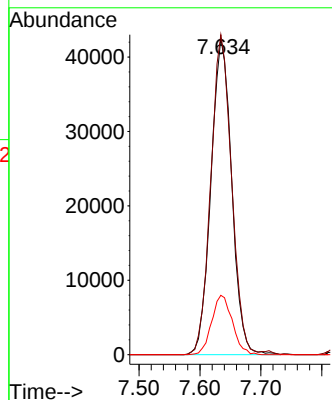
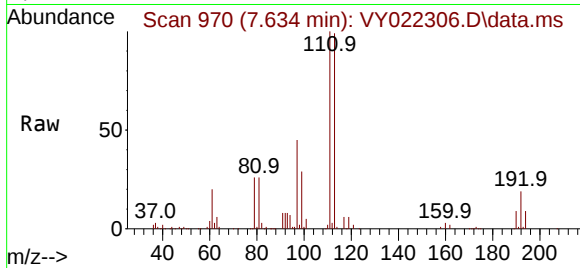




#35
Dibromofluoromethane
Concen: 50.755 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

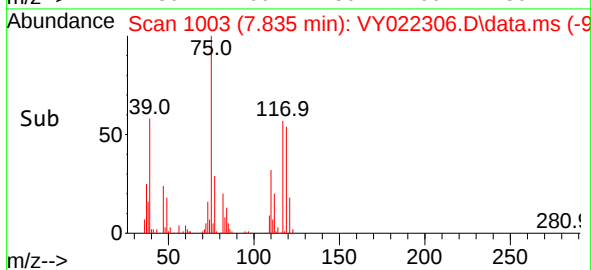
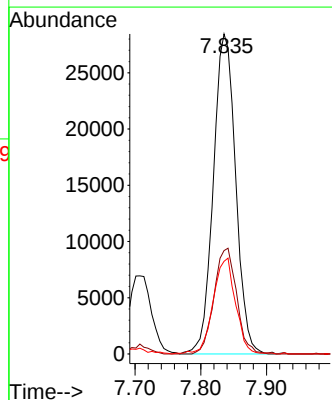
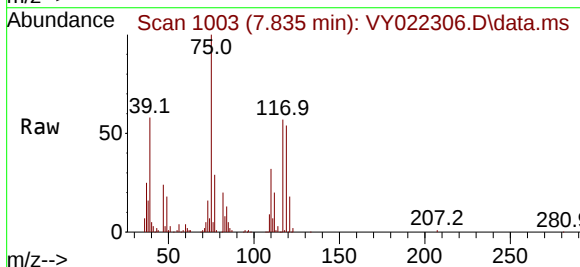
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

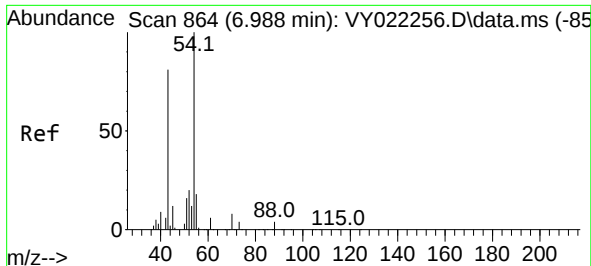
Tgt Ion:113 Resp: 100429
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 18.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.671 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 75 Resp: 67371
Ion Ratio Lower Upper
75 100
110 33.3 16.6 49.8
77 30.0 24.6 37.0





#37

Ethyl Acetate

Concen: 18.954 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

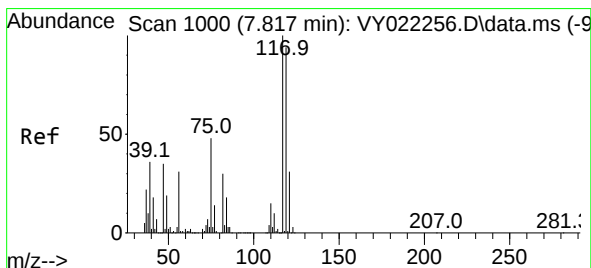
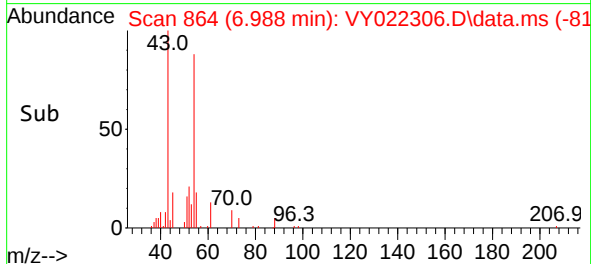
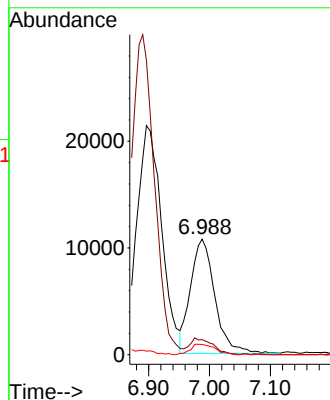
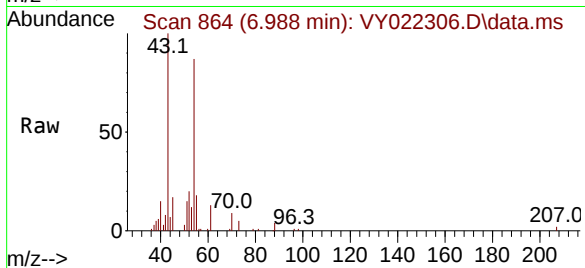
Tgt Ion: 43 Resp: 29722

Ion Ratio Lower Upper

43 100

61 13.6 10.2 15.2

70 9.2 7.6 11.4



#38

Carbon Tetrachloride

Concen: 20.608 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

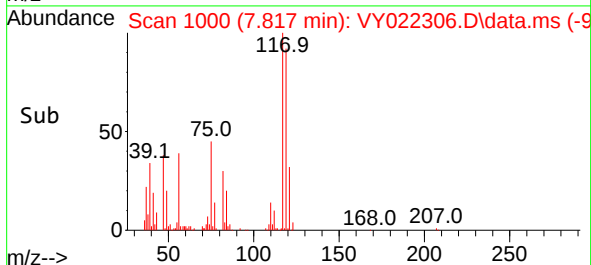
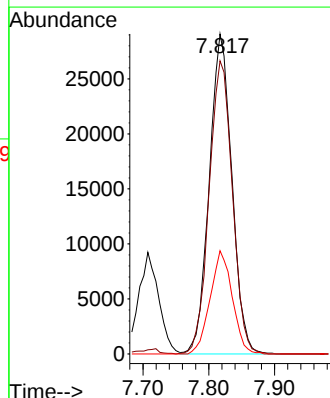
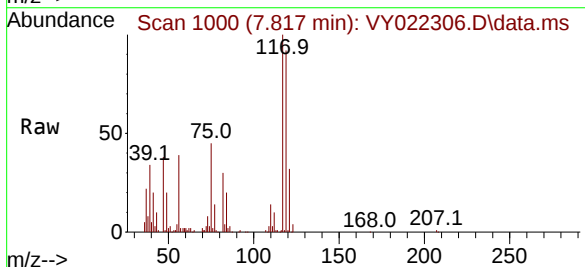
Tgt Ion: 117 Resp: 69525

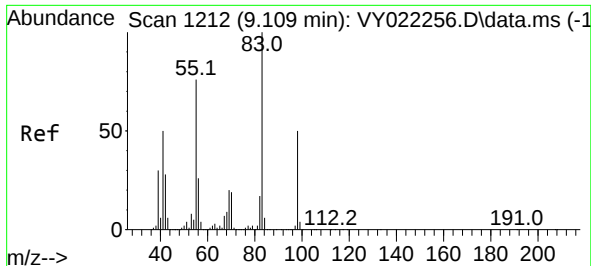
Ion Ratio Lower Upper

117 100

119 91.6 75.3 112.9

121 32.2 24.7 37.1

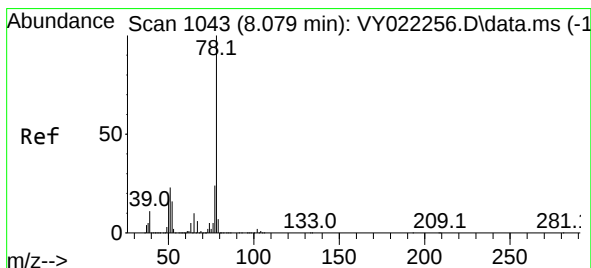
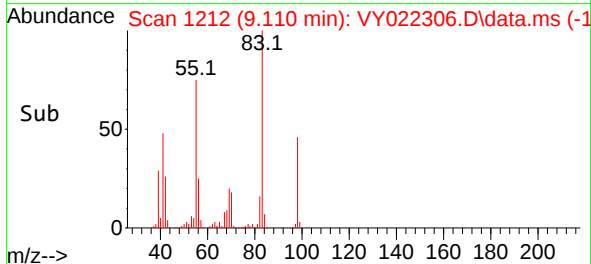
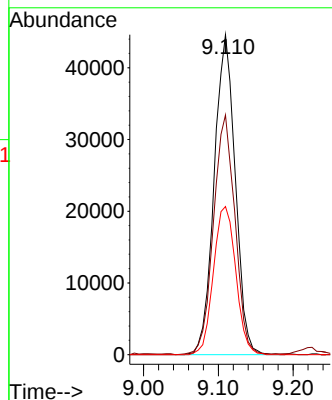
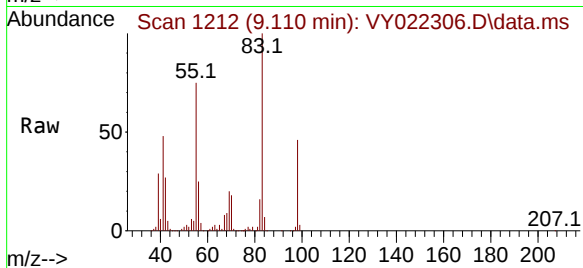




#39
Methylcyclohexane
Concen: 20.012 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

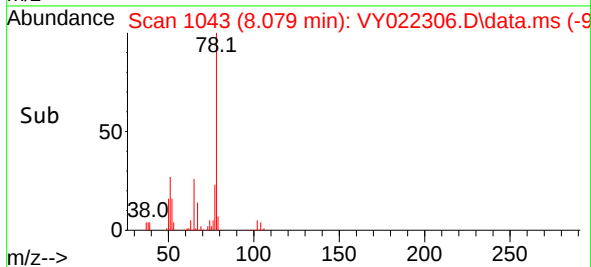
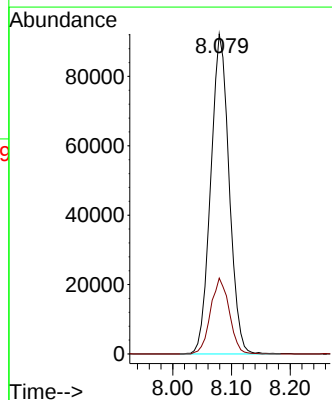
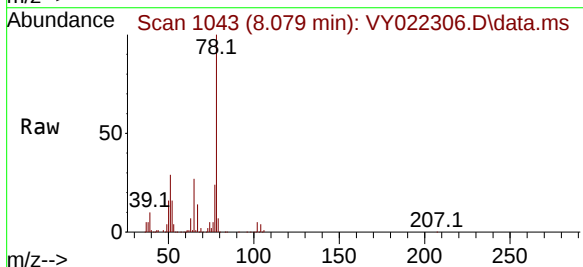
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

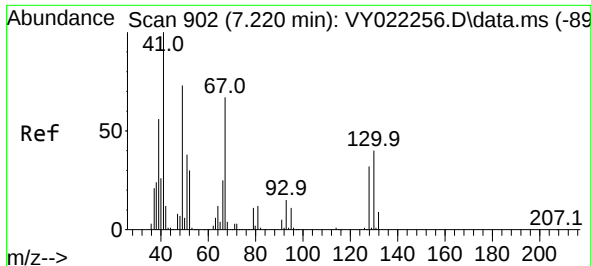
Tgt Ion: 83 Resp: 87625
Ion Ratio Lower Upper
83 100
55 74.8 60.6 90.8
98 46.3 40.0 60.0



#40
Benzene
Concen: 20.744 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 78 Resp: 200424
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

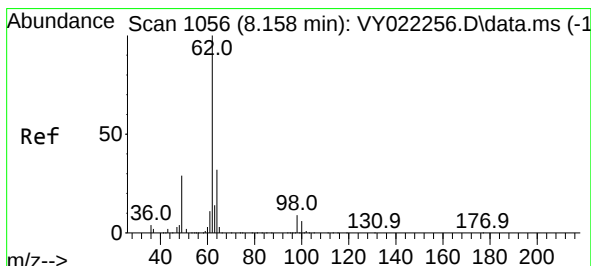
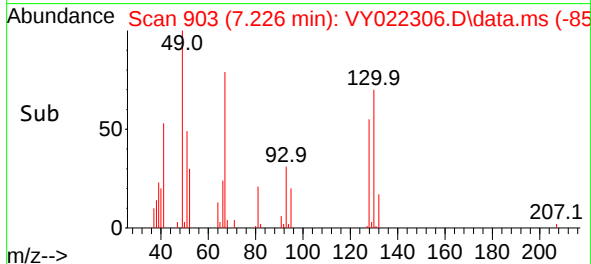
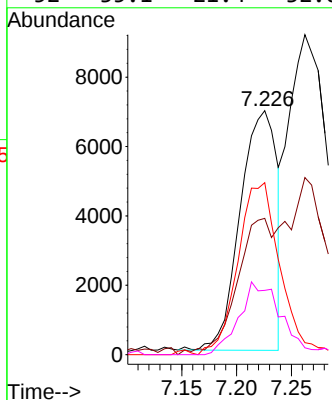
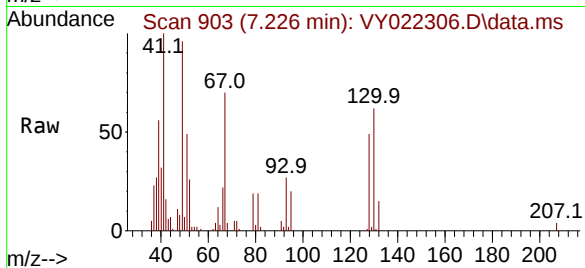




#41
Methacrylonitrile
Concen: 15.462 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

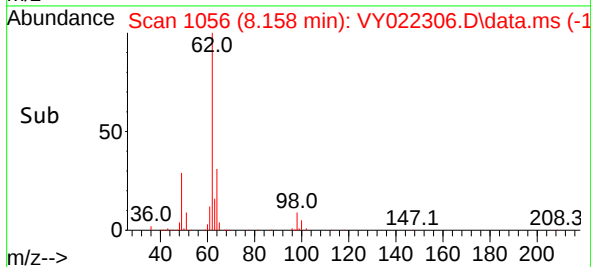
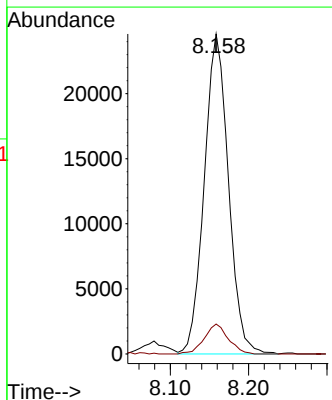
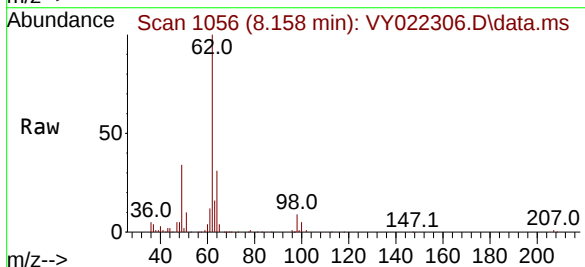
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

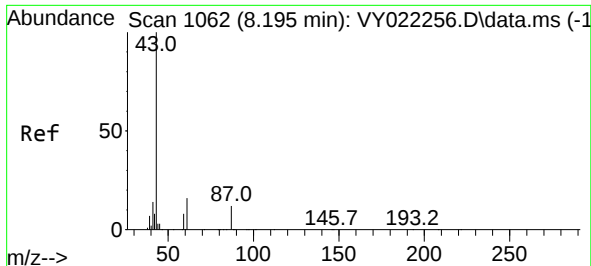
Tgt Ion: 41 Resp: 16084
Ion Ratio Lower Upper
41 100
39 53.9 39.1 58.7
67 82.3 47.1 70.7#
52 35.1 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 20.174 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 62 Resp: 52712
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4

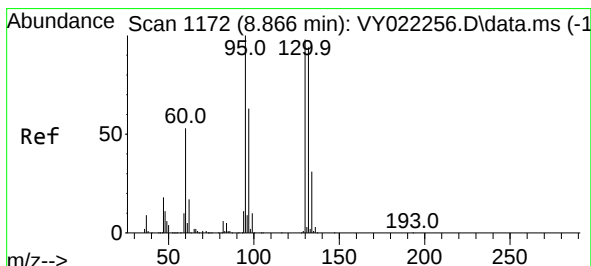
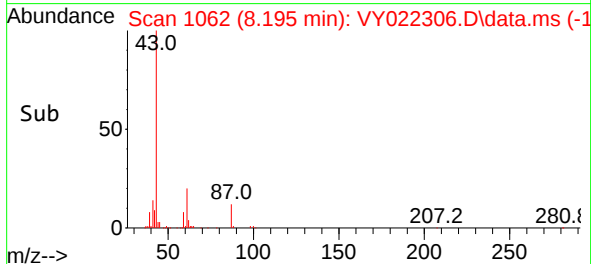
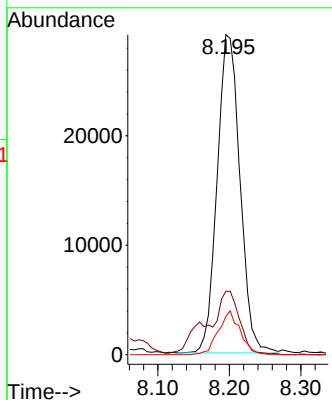
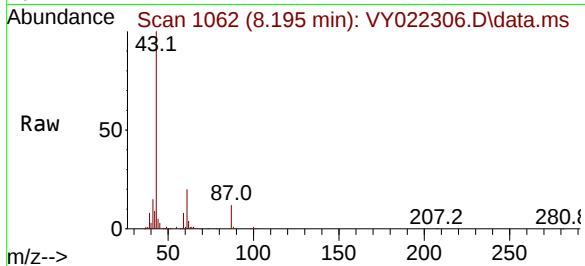




#43
Isopropyl Acetate
Concen: 18.865 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

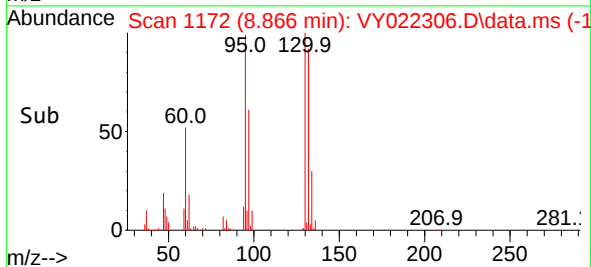
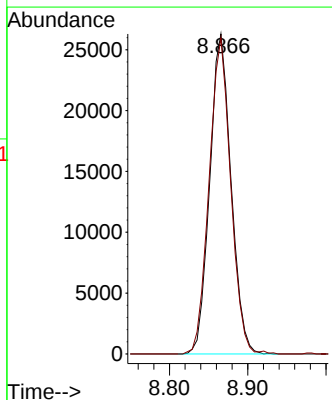
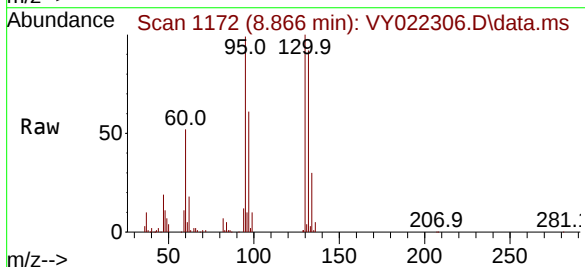
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

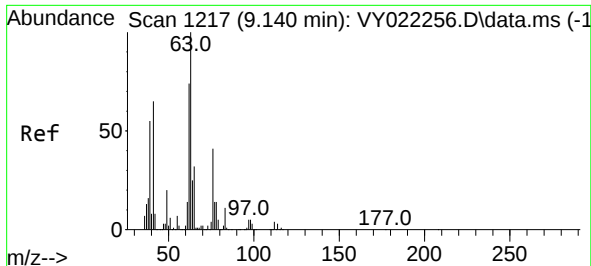
Tgt Ion: 43 Resp: 64516
Ion Ratio Lower Upper
43 100
61 18.4 15.1 22.7
87 13.0 9.7 14.5



#44
Trichloroethene
Concen: 20.667 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion:130 Resp: 49650
Ion Ratio Lower Upper
130 100
95 98.8 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.183 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

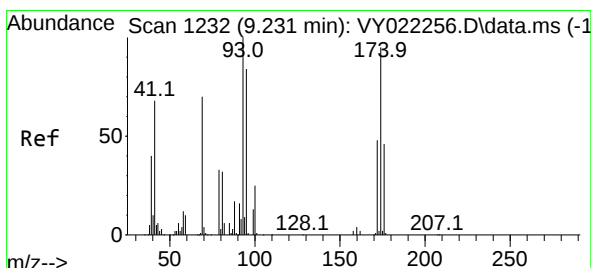
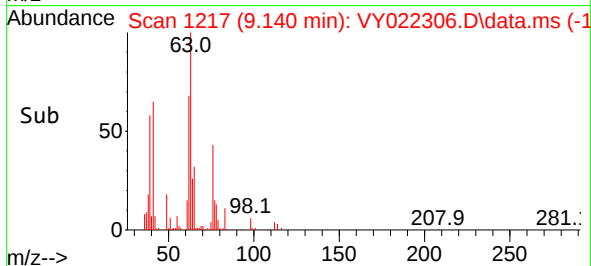
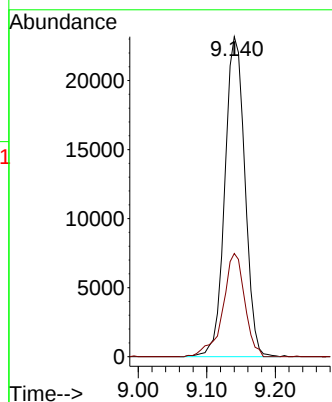
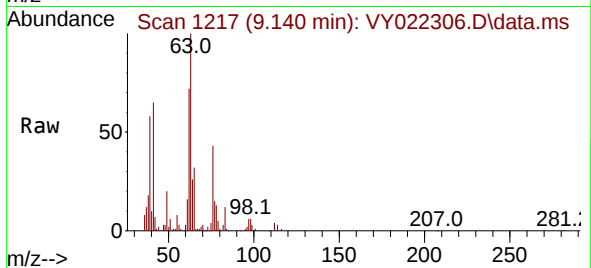
VY0519SBS01

Tgt Ion: 63 Resp: 47015

Ion Ratio Lower Upper

63 100

65 32.3 25.7 38.5



#46

Dibromomethane

Concen: 20.847 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

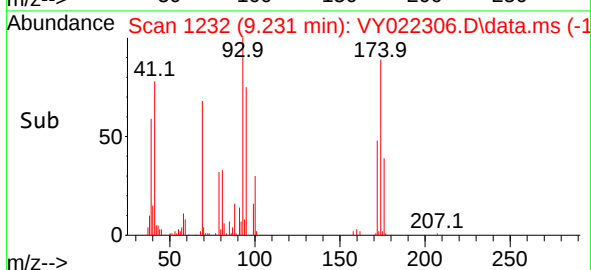
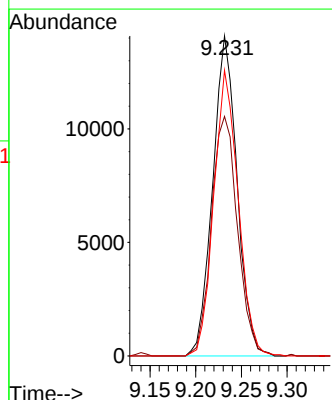
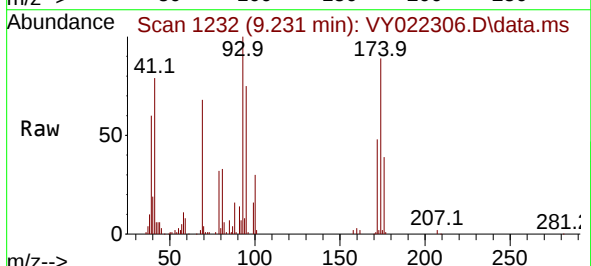
Tgt Ion: 93 Resp: 26192

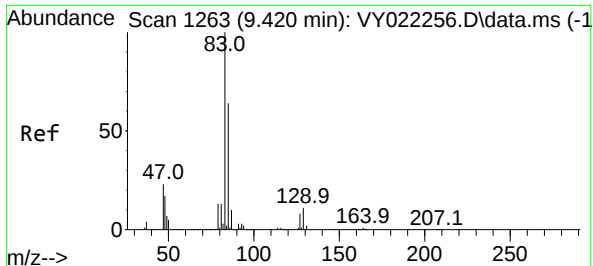
Ion Ratio Lower Upper

93 100

95 79.9 65.2 97.8

174 89.2 74.3 111.5

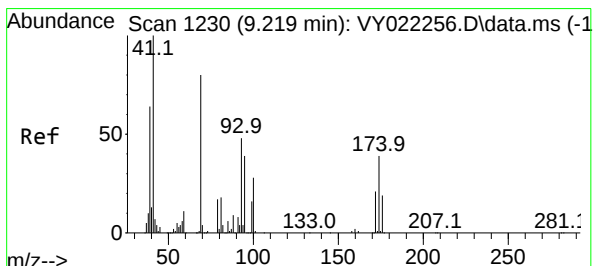
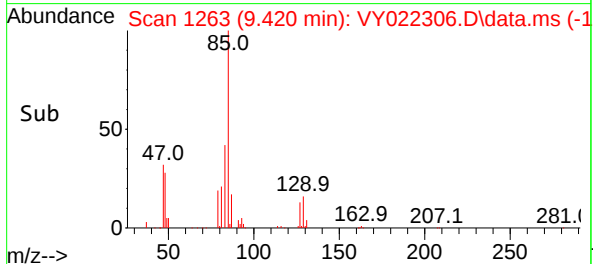
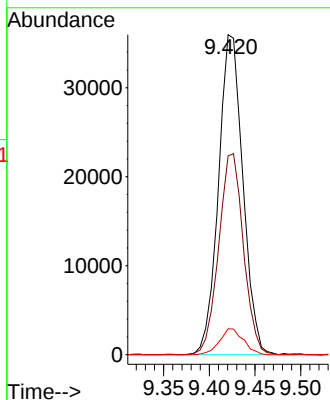
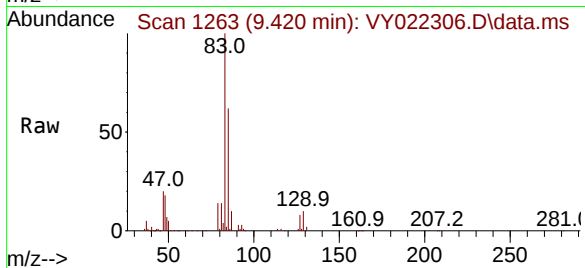




#47
Bromodichloromethane
Concen: 20.505 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

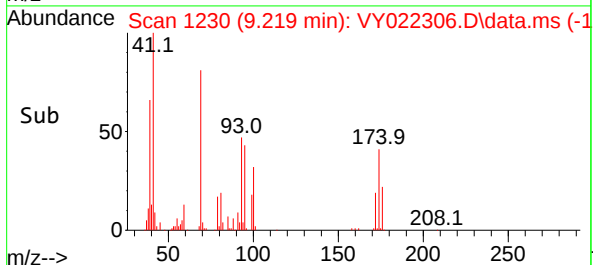
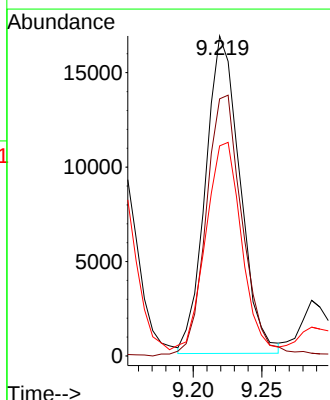
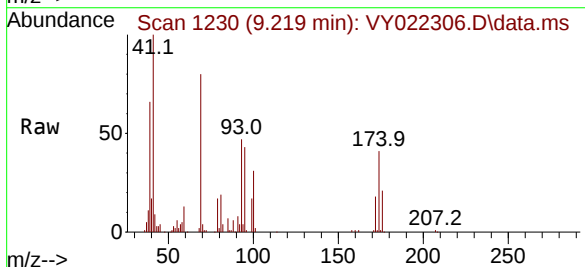
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

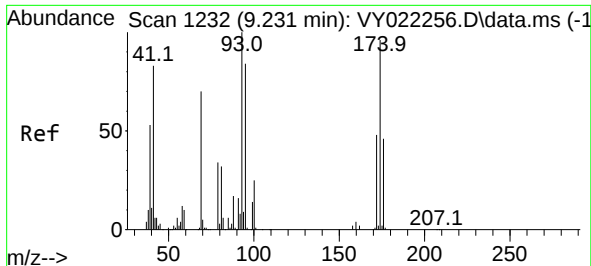
Tgt Ion: 83 Resp: 66833
Ion Ratio Lower Upper
83 100
85 62.2 51.1 76.7
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 18.415 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 41 Resp: 29452
Ion Ratio Lower Upper
41 100
69 86.6 63.5 95.3
39 67.1 50.8 76.2





#49

1,4-Dioxane

Concen: 390.819 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

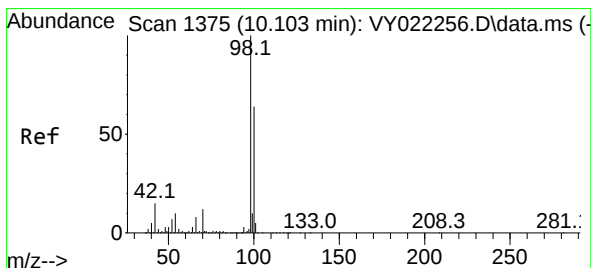
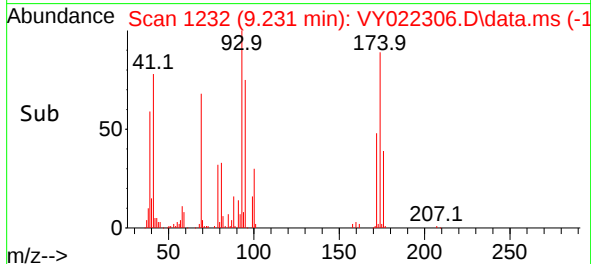
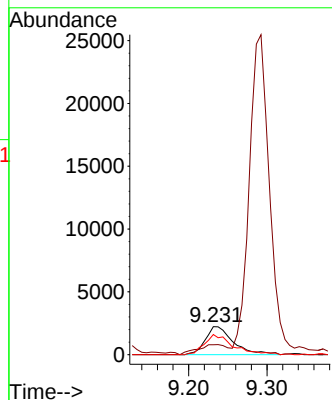
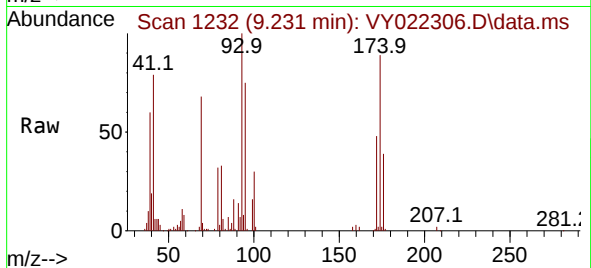
Tgt Ion: 88 Resp: 5547

Ion Ratio Lower Upper

88 100

43 36.7 28.5 42.7

58 74.3 61.4 92.2



#50

Toluene-d8

Concen: 51.188 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022306.D

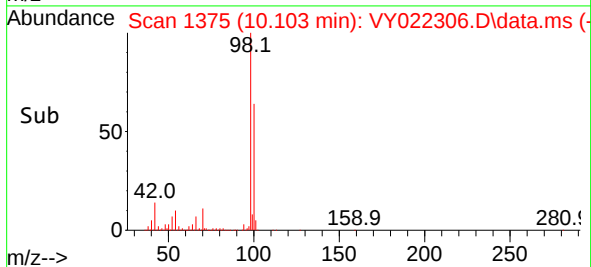
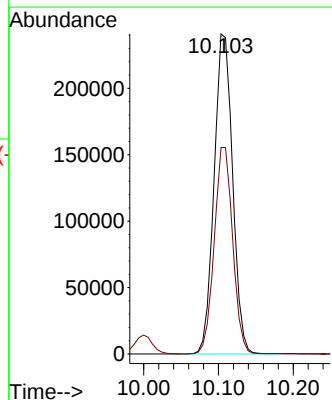
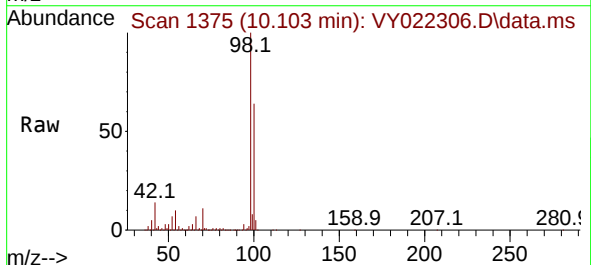
Acq: 19 May 2025 09:59

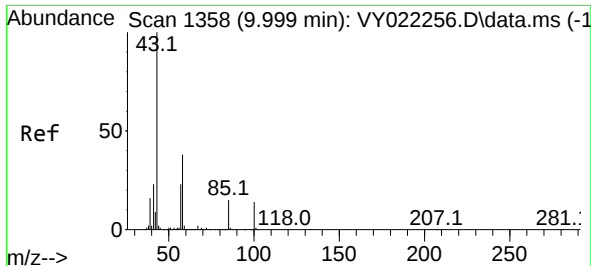
Tgt Ion: 98 Resp: 414823

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 94.253 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

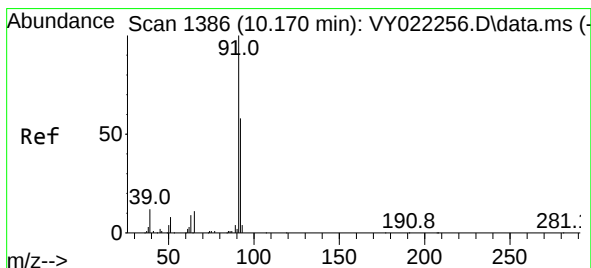
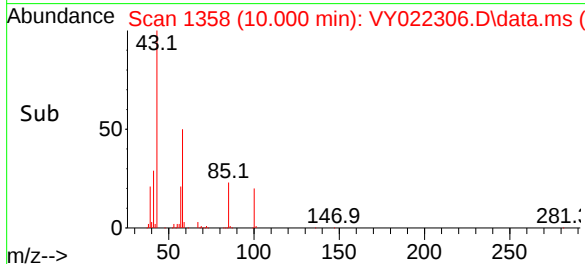
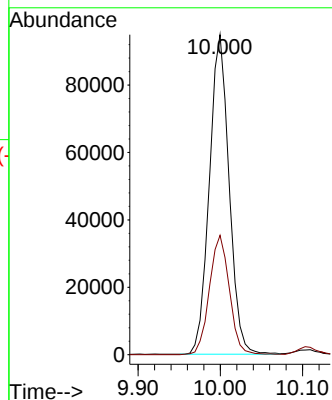
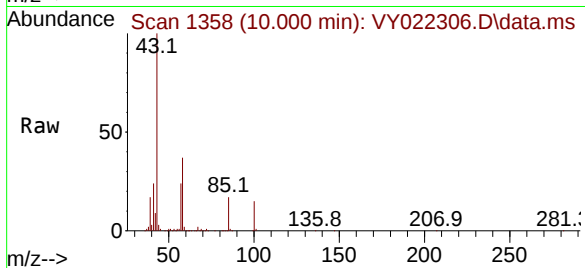
VY0519SBS01

Tgt Ion: 43 Resp: 158163

Ion Ratio Lower Upper

43 100

58 37.8 29.4 44.2



#52

Toluene

Concen: 20.220 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022306.D

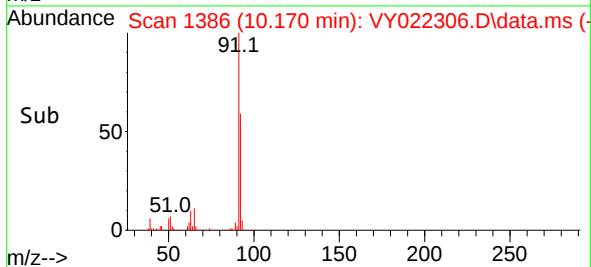
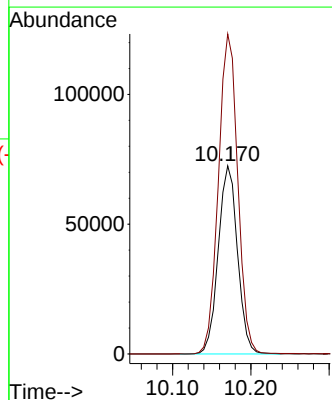
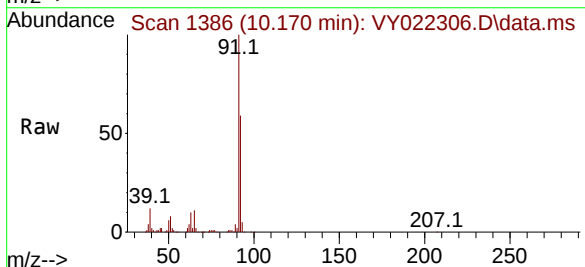
Acq: 19 May 2025 09:59

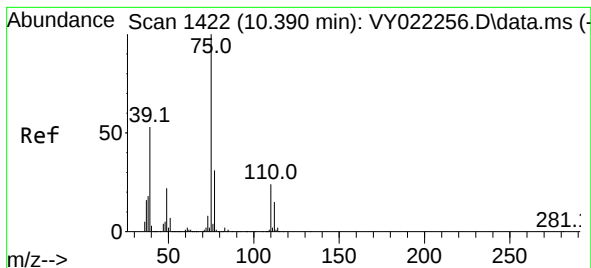
Tgt Ion: 92 Resp: 123710

Ion Ratio Lower Upper

92 100

91 171.4 139.1 208.7

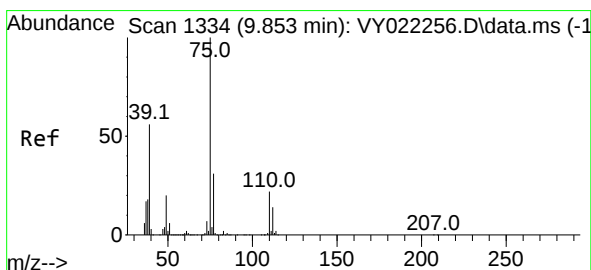
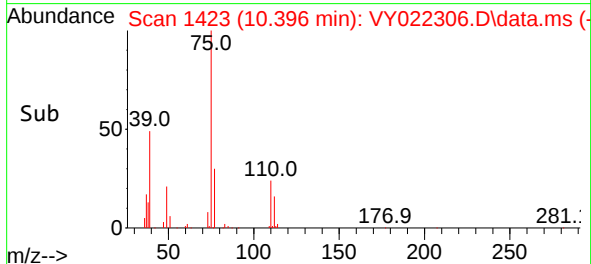
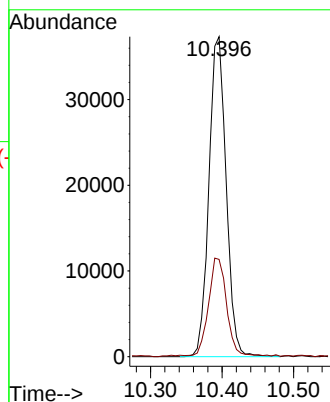
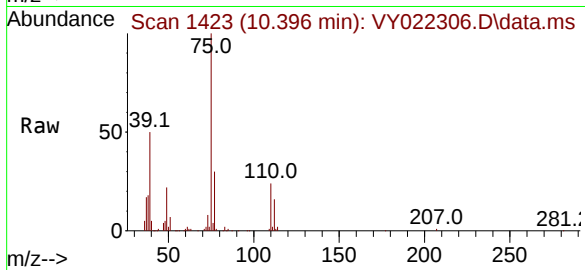




#53
 t-1,3-Dichloropropene
 Concen: 19.612 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

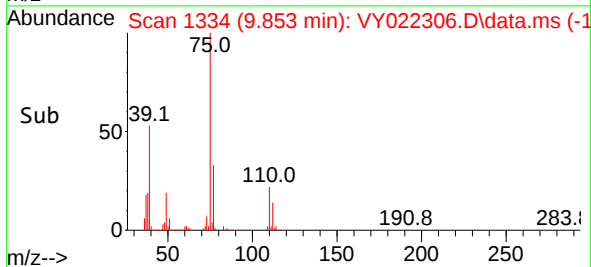
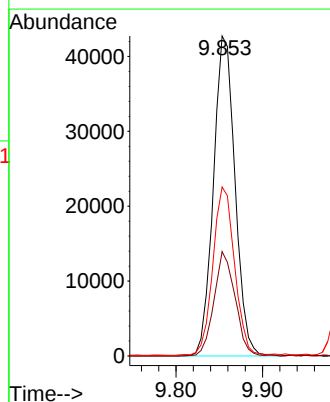
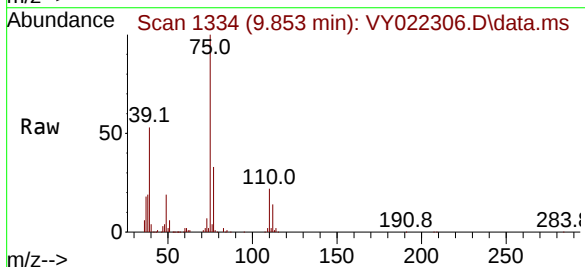
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

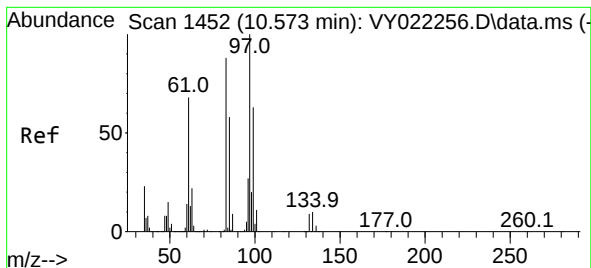
Tgt Ion: 75 Resp: 62382
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.346 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

Tgt Ion: 75 Resp: 74146
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.1 37.7
 39 52.5 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 20.796 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

Tgt Ion: 97 Resp: 33457

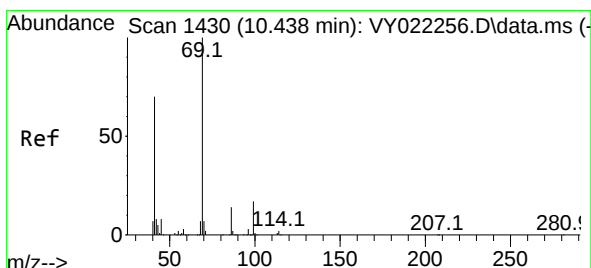
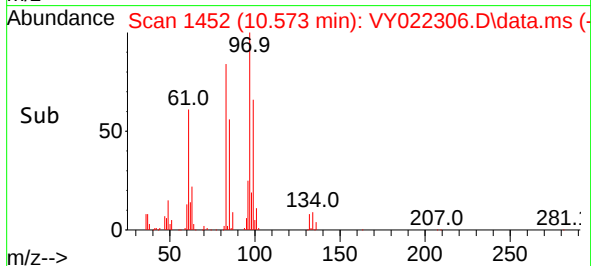
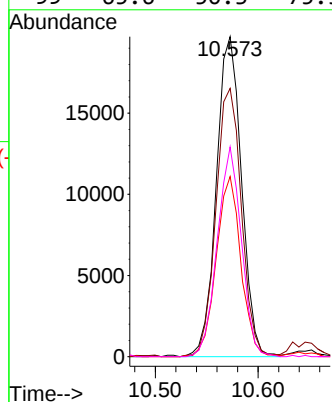
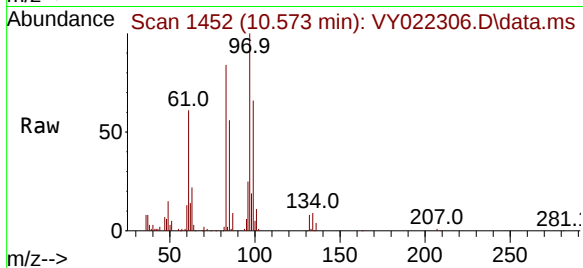
Ion Ratio Lower Upper

97 100

83 83.8 70.3 105.5

85 56.3 46.2 69.4

99 65.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.481 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

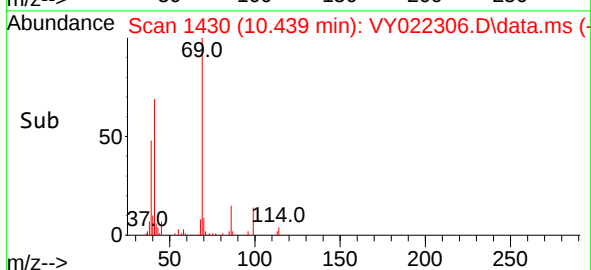
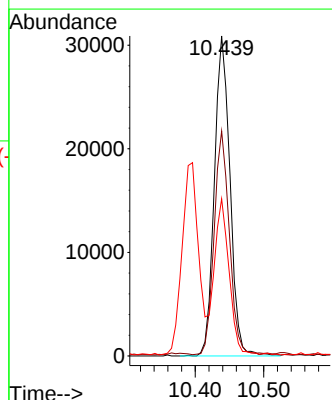
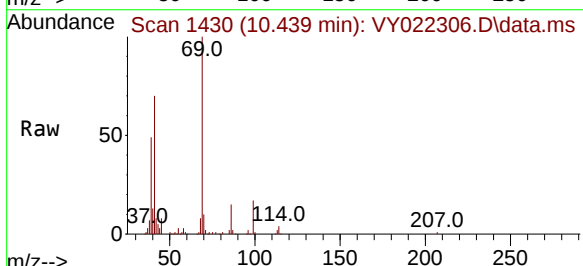
Tgt Ion: 69 Resp: 48821

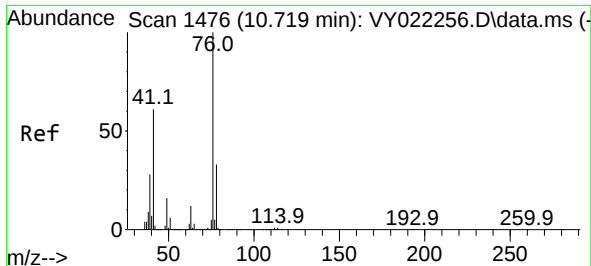
Ion Ratio Lower Upper

69 100

41 68.4 56.5 84.7

39 46.6 37.1 55.7





#57

1,3-Dichloropropane

Concen: 19.960 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

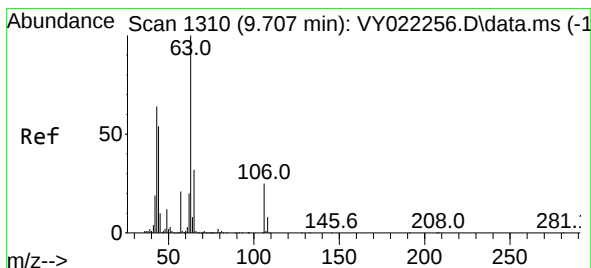
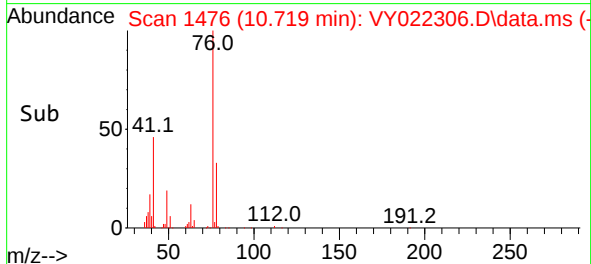
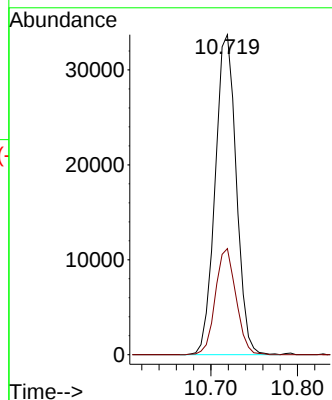
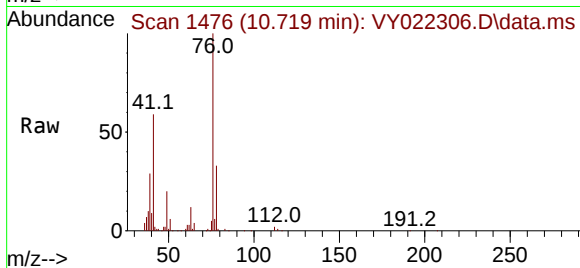
VY0519SBSD01

Tgt Ion: 76 Resp: 57054

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 88.837 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022306.D

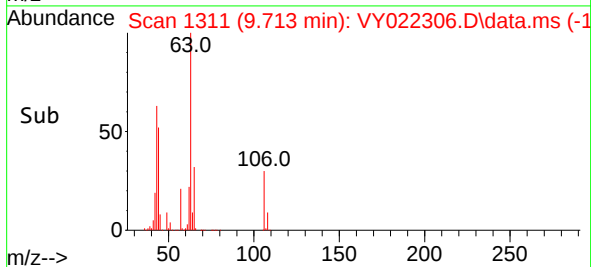
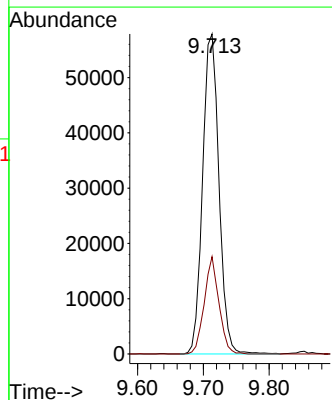
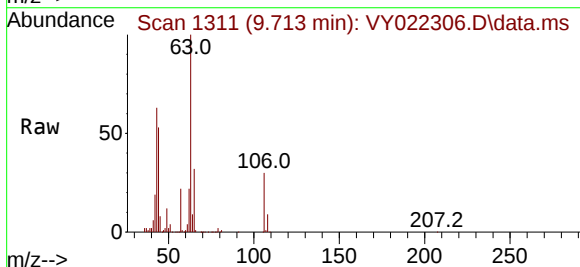
Acq: 19 May 2025 09:59

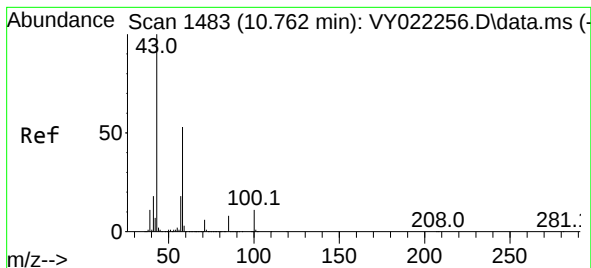
Tgt Ion: 63 Resp: 99928

Ion Ratio Lower Upper

63 100

106 27.3 21.0 31.4

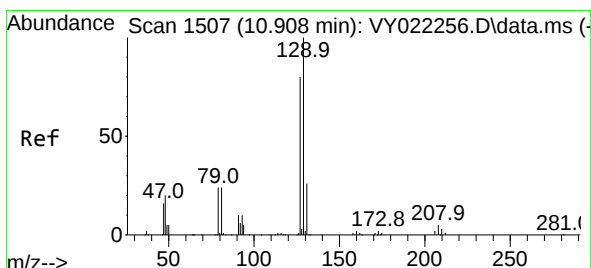
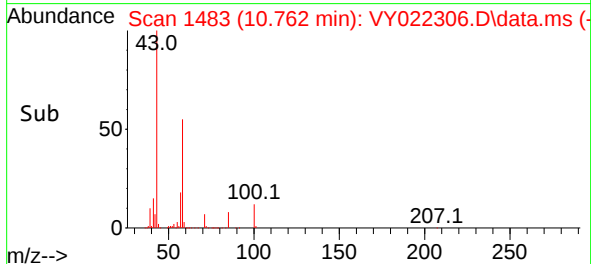
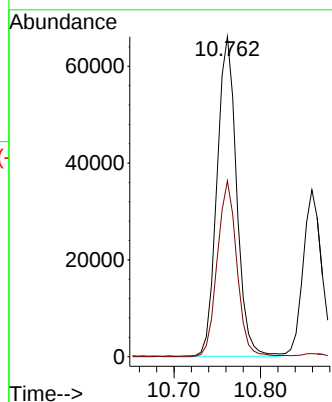
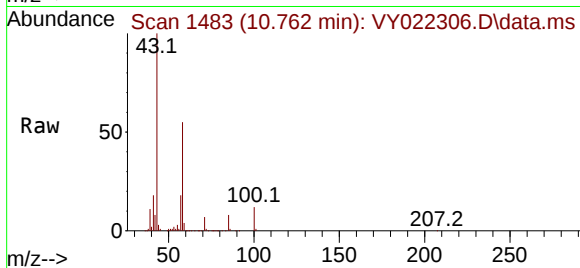




#59
2-Hexanone
Concen: 92.391 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

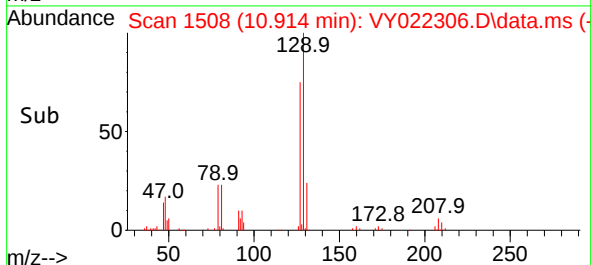
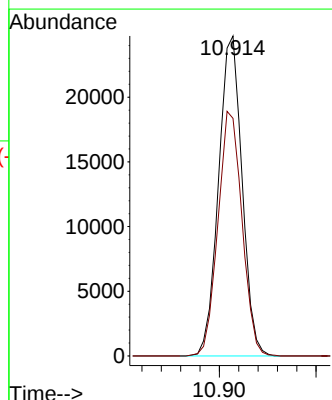
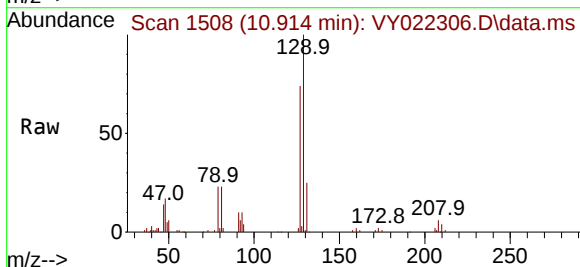
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

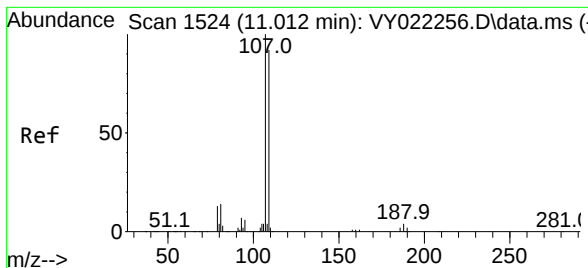
Tgt Ion: 43 Resp: 103950
Ion Ratio Lower Upper
43 100
58 54.9 26.1 78.3



#60
Dibromochloromethane
Concen: 19.938 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 129 Resp: 41635
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7

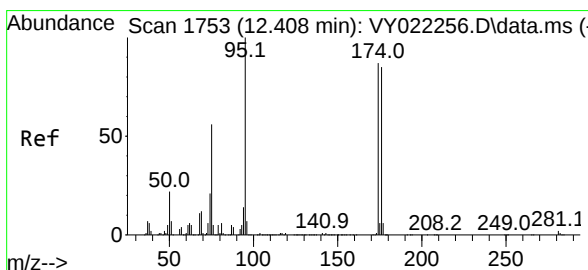
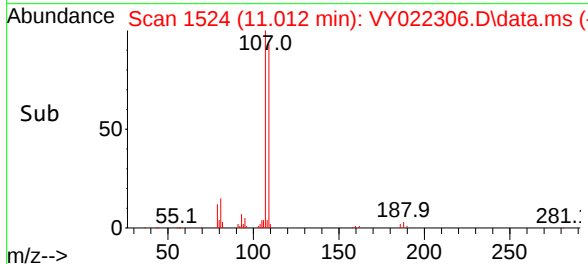
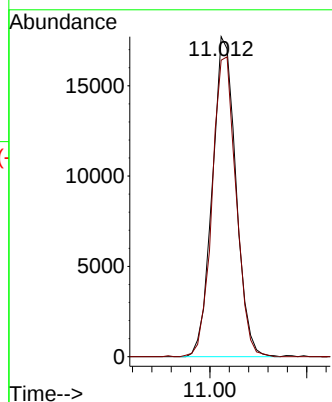
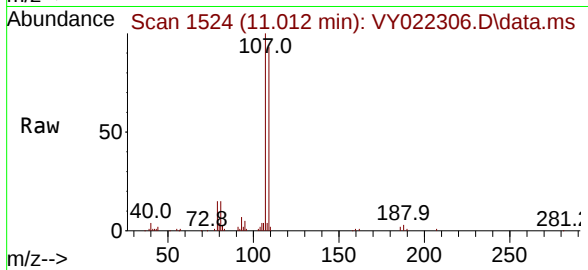




#61
1,2-Dibromoethane
Concen: 20.005 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

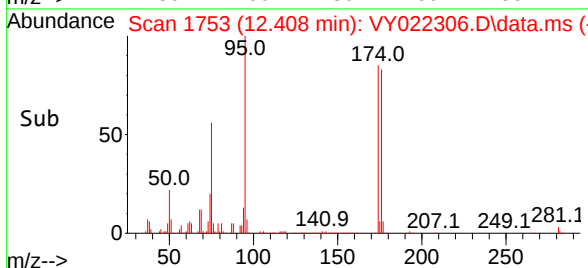
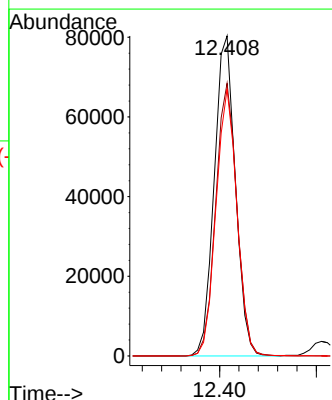
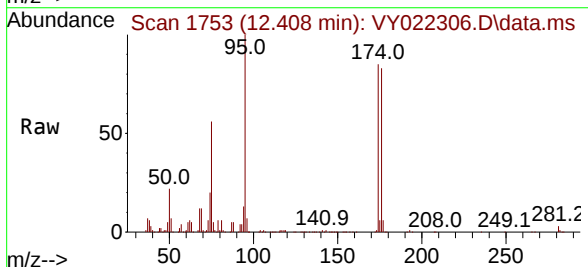
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

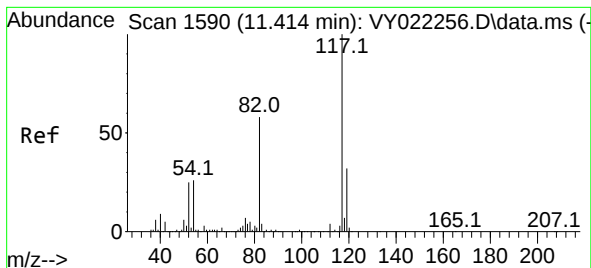
Tgt Ion:107 Resp: 29997
Ion Ratio Lower Upper
107 100
109 95.0 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.460 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 95 Resp: 121910
Ion Ratio Lower Upper
95 100
174 85.5 0.0 166.8
176 82.6 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

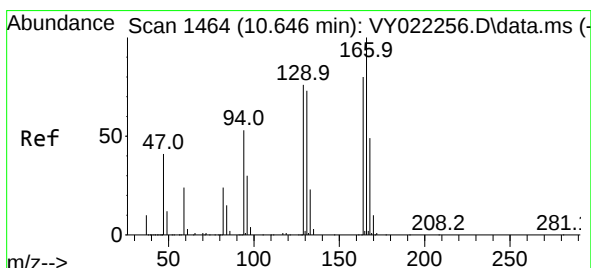
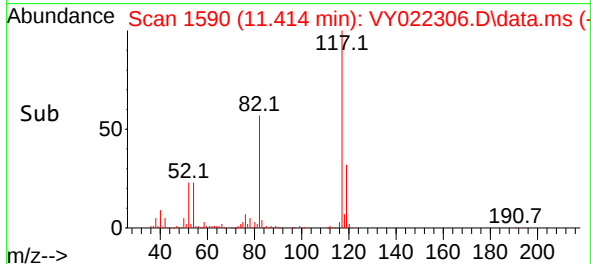
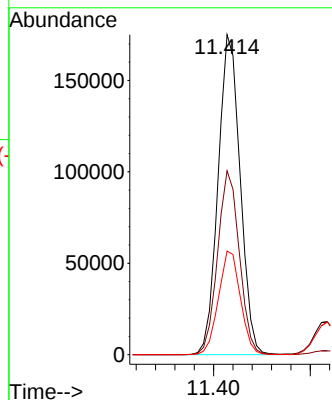
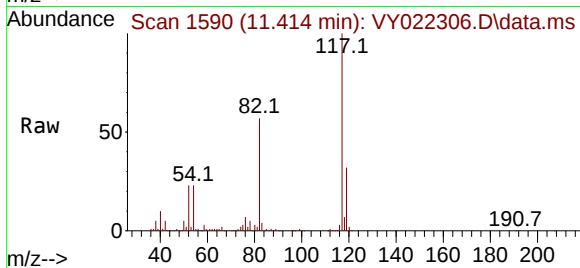
Tgt Ion:117 Resp: 276940

Ion Ratio Lower Upper

117 100

82 57.4 46.6 70.0

119 32.4 25.8 38.6



#64

Tetrachloroethene

Concen: 20.341 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Tgt Ion:164 Resp: 52068

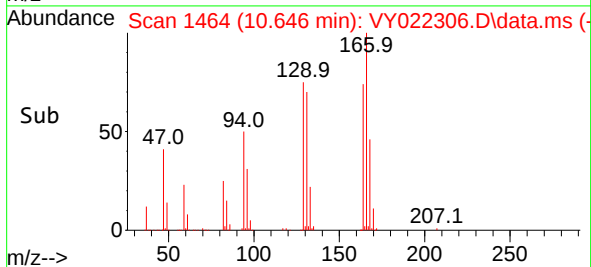
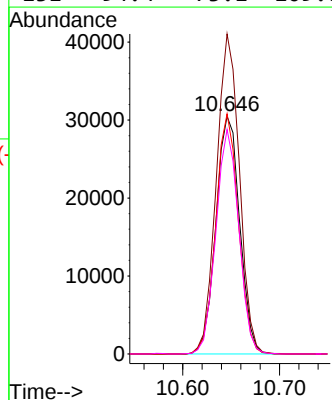
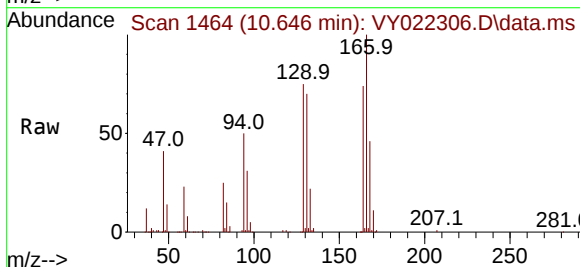
Ion Ratio Lower Upper

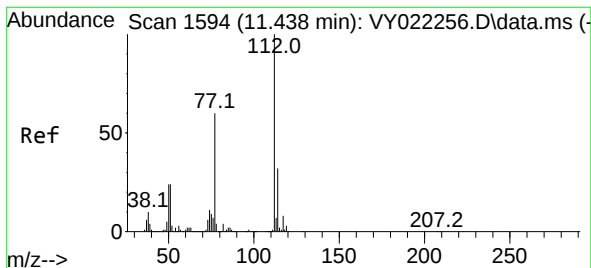
164 100

166 134.6 100.4 150.6

129 101.0 76.4 114.6

131 94.4 73.1 109.7





#65

Chlorobenzene

Concen: 20.542 ug/l

RT: 11.444 min Scan# 1159

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

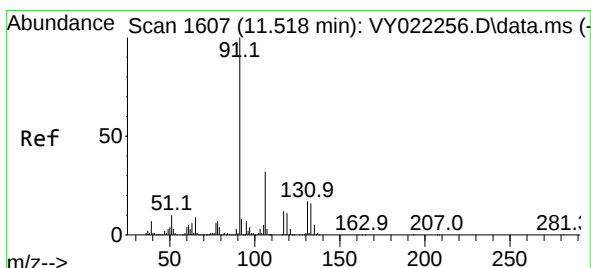
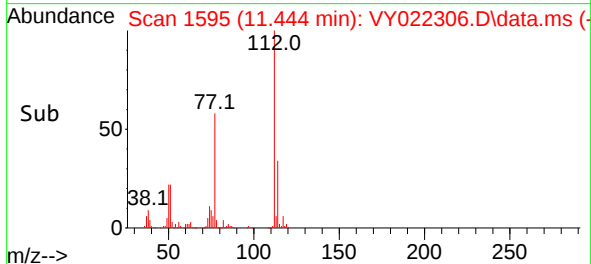
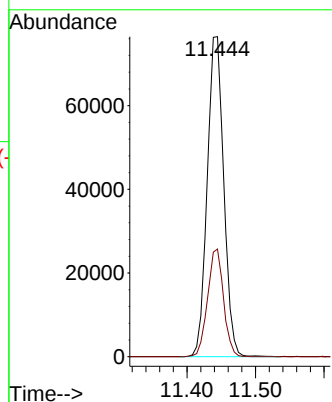
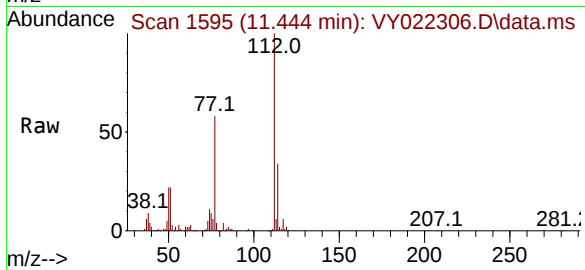
VY0519SBS01

Tgt Ion:112 Resp: 128350

Ion Ratio Lower Upper

112 100

114 33.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.051 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

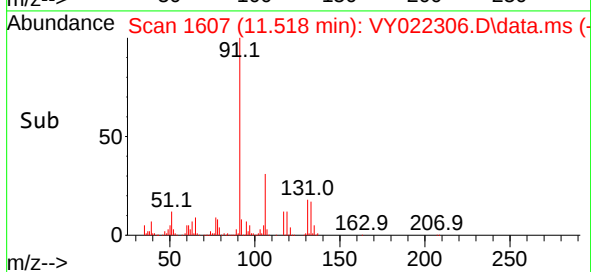
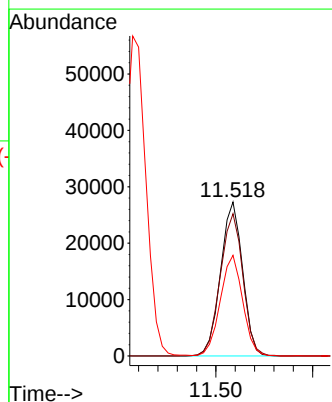
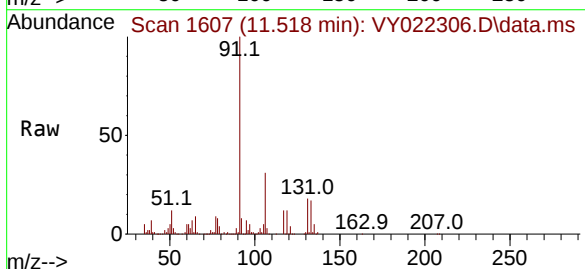
Tgt Ion:131 Resp: 43068

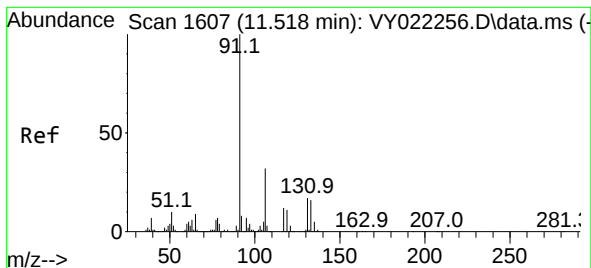
Ion Ratio Lower Upper

131 100

133 95.5 47.3 141.9

119 66.6 33.1 99.2





#67

Ethyl Benzene

Concen: 19.883 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

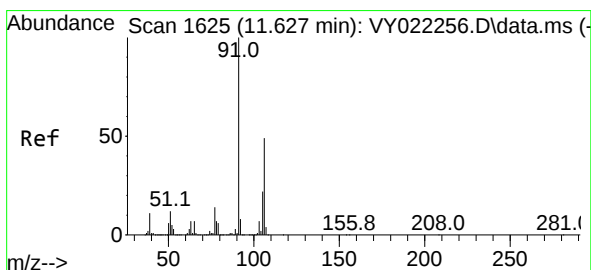
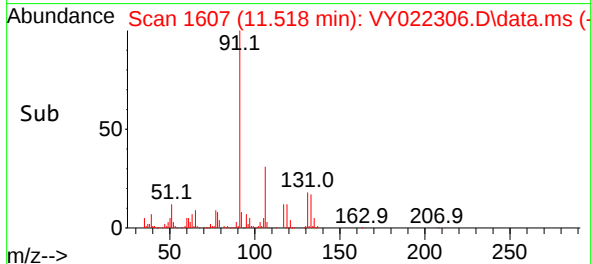
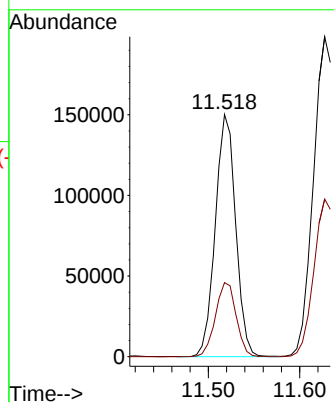
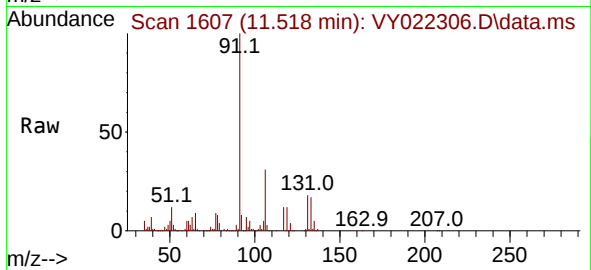
VY0519SBSD01

Tgt Ion: 91 Resp: 232654

Ion Ratio Lower Upper

91 100

106 30.6 25.4 38.0



#68

m/p-Xylenes

Concen: 39.993 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022306.D

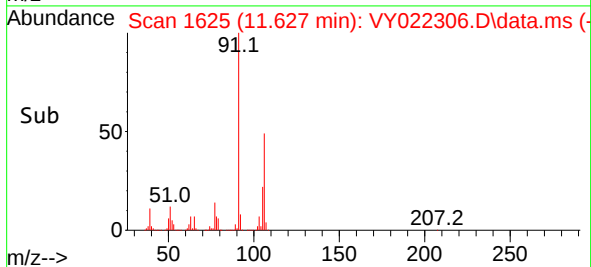
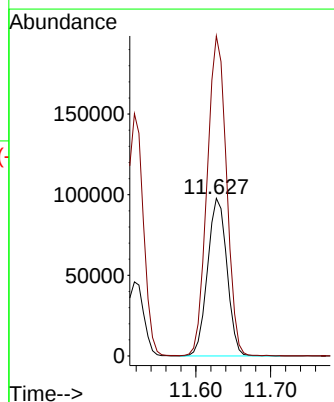
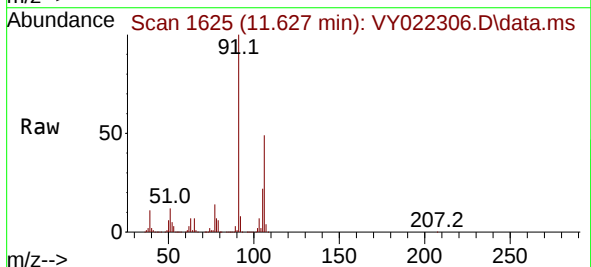
Acq: 19 May 2025 09:59

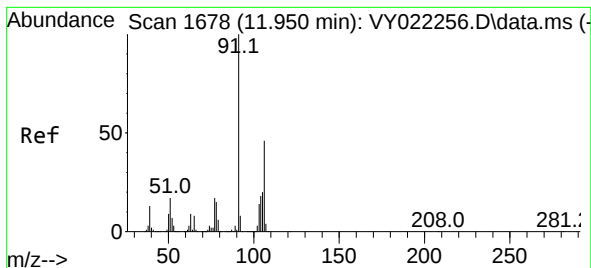
Tgt Ion: 106 Resp: 176339

Ion Ratio Lower Upper

106 100

91 203.0 163.0 244.4





#69

o-Xylene

Concen: 19.957 ug/l

RT: 11.957 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

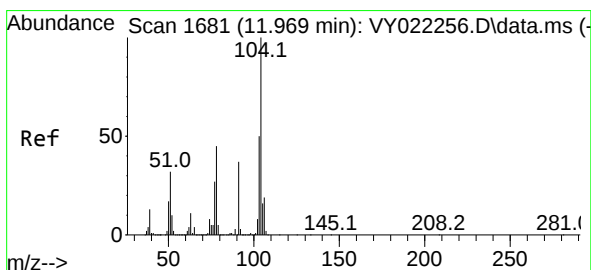
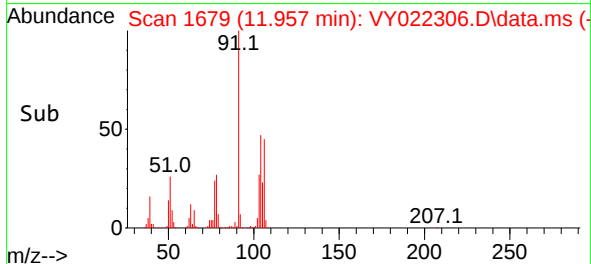
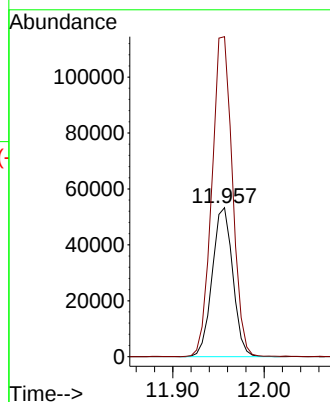
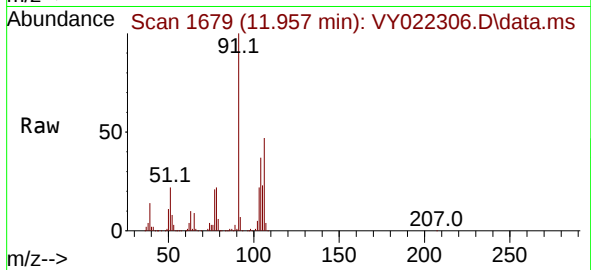
VY0519SBS01

Tgt Ion:106 Resp: 83255

Ion Ratio Lower Upper

106 100

91 214.7 108.3 324.8



#70

Styrene

Concen: 19.898 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

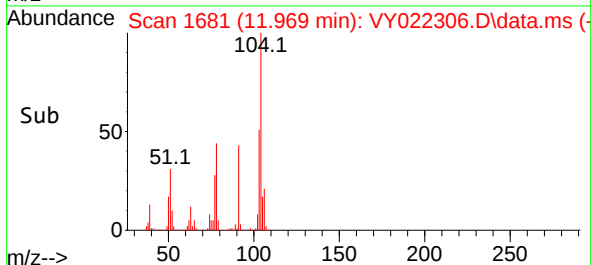
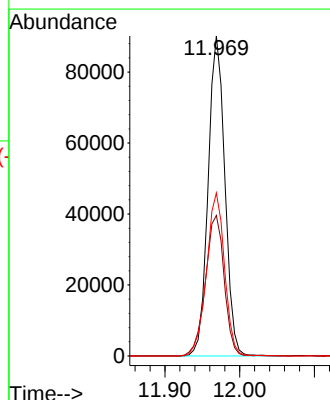
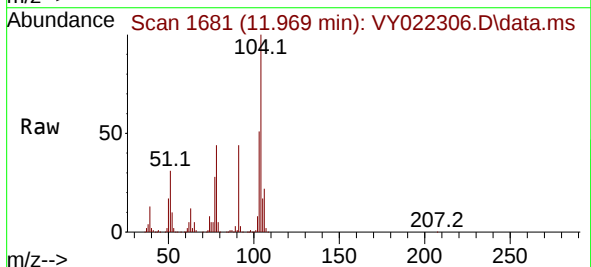
Tgt Ion:104 Resp: 140022

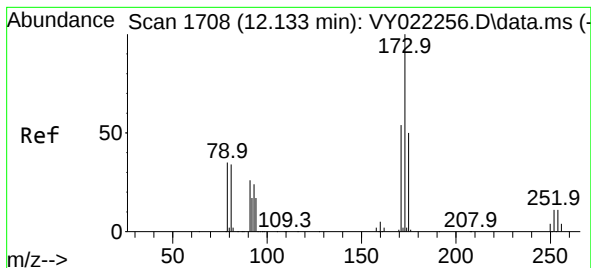
Ion Ratio Lower Upper

104 100

78 49.3 40.9 61.3

103 55.0 43.7 65.5





#71

Bromoform

Concen: 19.782 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

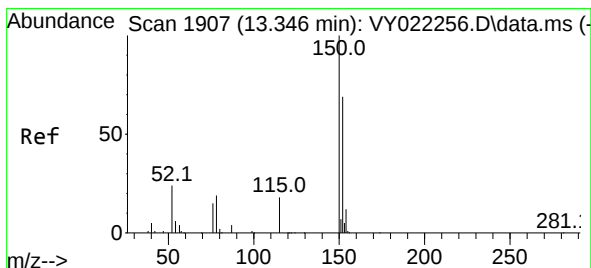
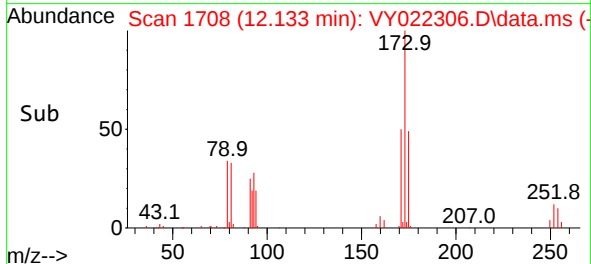
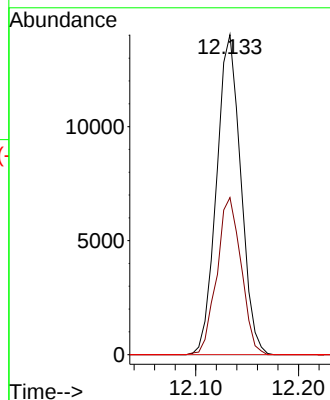
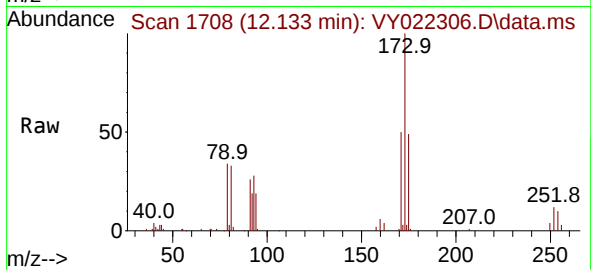
Tgt Ion:173 Resp: 22935

Ion Ratio Lower Upper

173 100

175 49.2 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

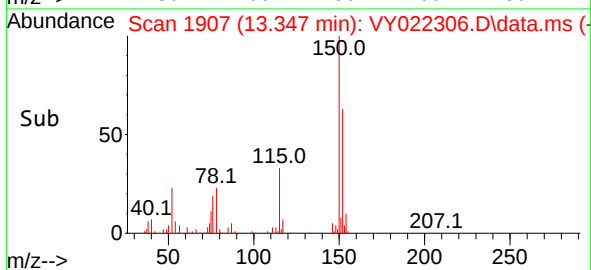
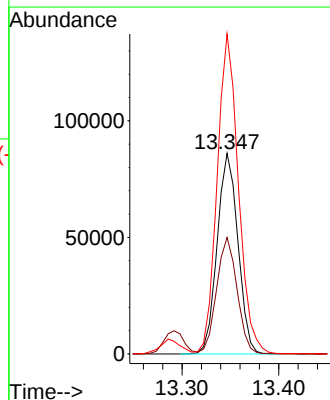
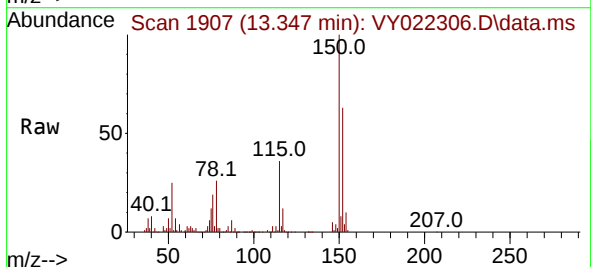
Tgt Ion:152 Resp: 128146

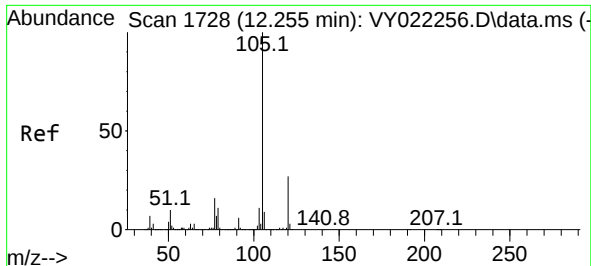
Ion Ratio Lower Upper

152 100

115 57.2 29.4 88.2

150 163.7 0.0 353.8

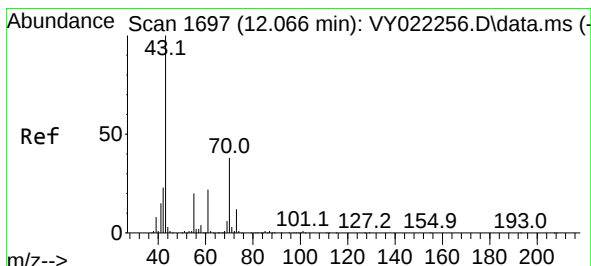
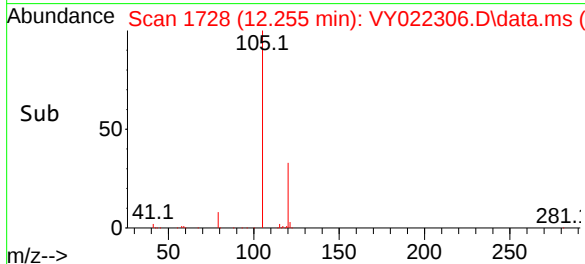
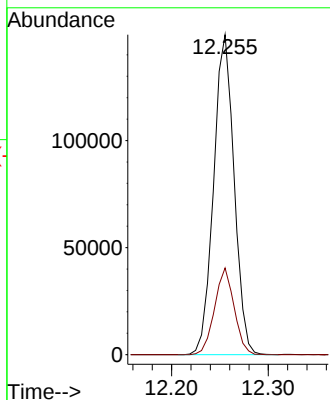
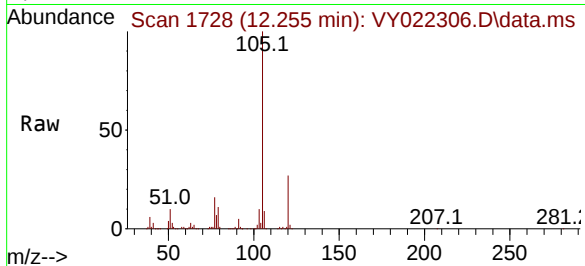




#73
Isopropylbenzene
Concen: 20.682 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

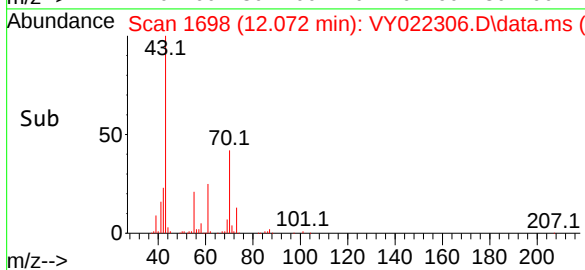
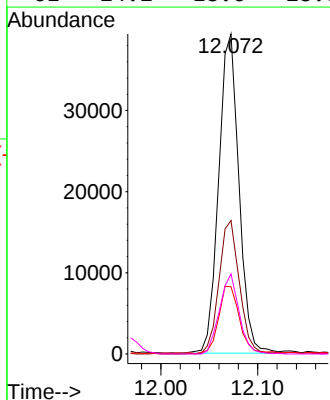
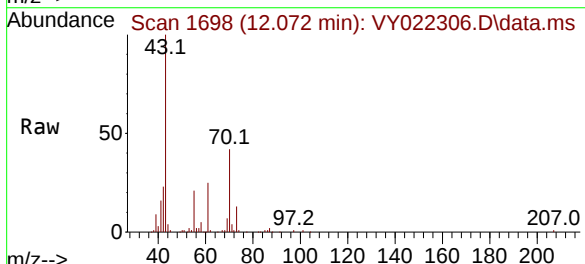
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

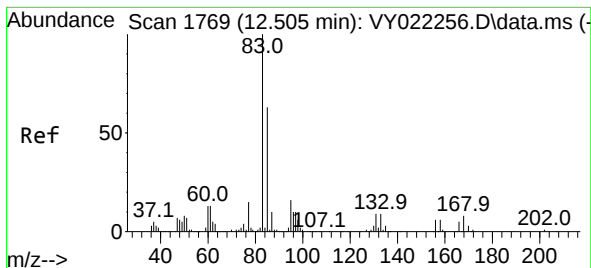
Tgt Ion:105 Resp: 219562
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6



#74
N-ethyl acetate
Concen: 18.825 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 43 Resp: 57158
Ion Ratio Lower Upper
43 100
70 42.2 31.4 47.0
55 22.1 17.0 25.6
61 24.2 18.6 28.0

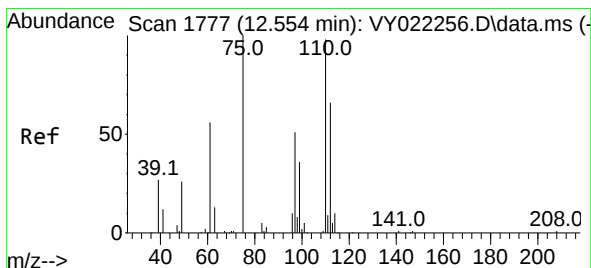
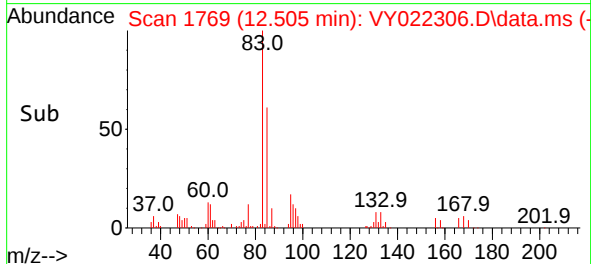
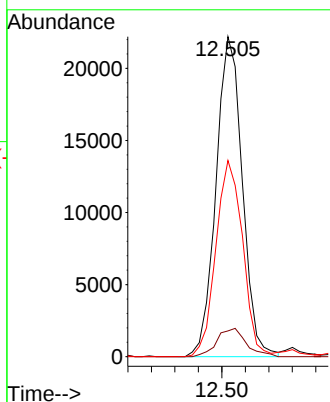
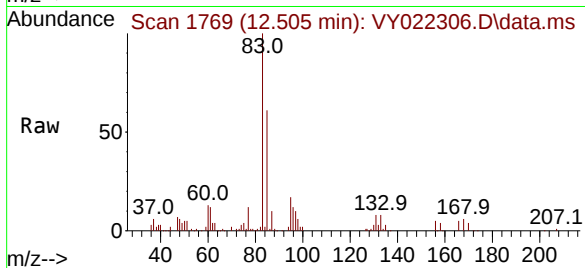




#75
 1,1,2-Tetrachloroethane
 Concen: 21.178 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

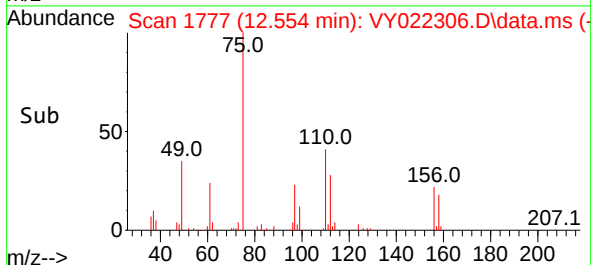
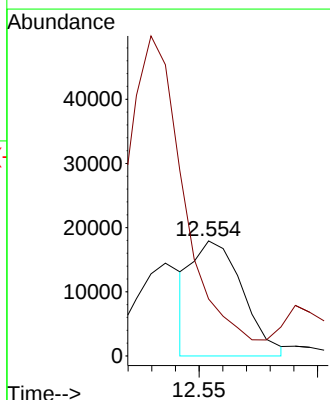
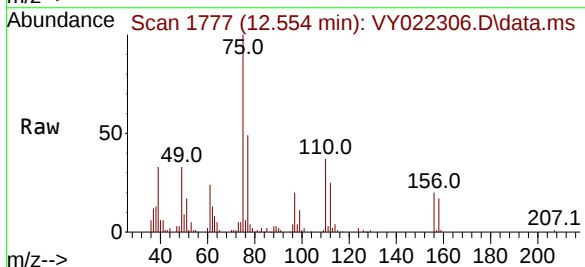
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBSD01

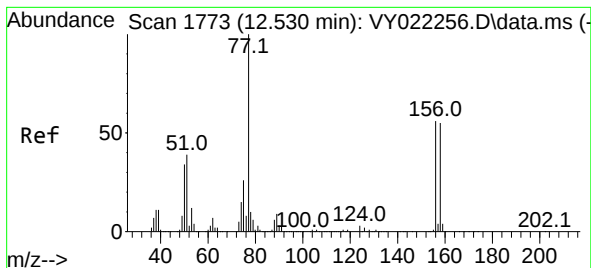
Tgt Ion: 83 Resp: 34577
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.9 14.7
 85 62.3 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 20.428 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

Tgt Ion: 75 Resp: 26521
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.432 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

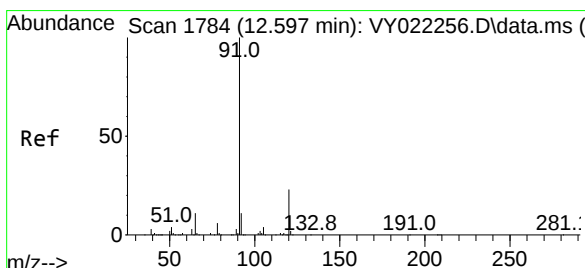
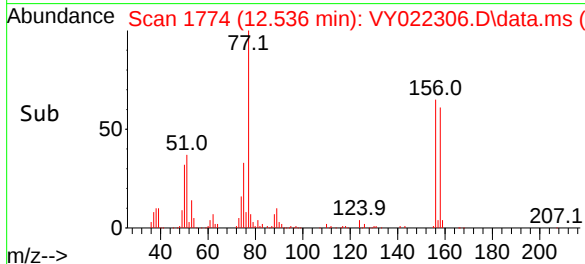
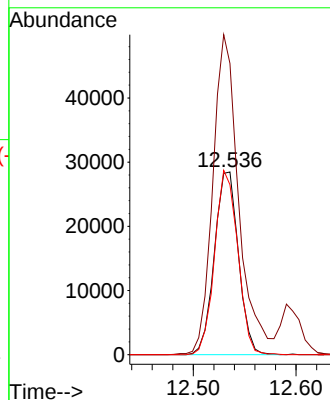
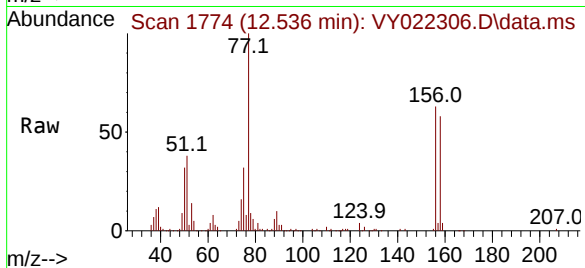
Tgt Ion:156 Resp: 46327

Ion Ratio Lower Upper

156 100

77 189.0 94.5 283.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 20.760 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022306.D

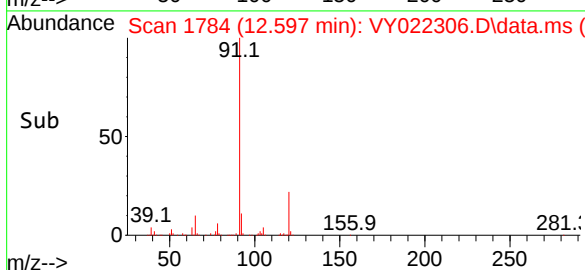
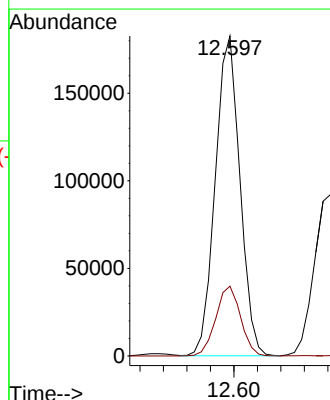
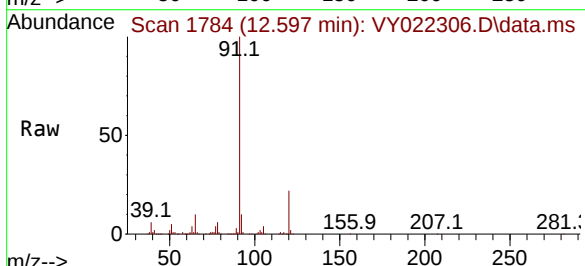
Acq: 19 May 2025 09:59

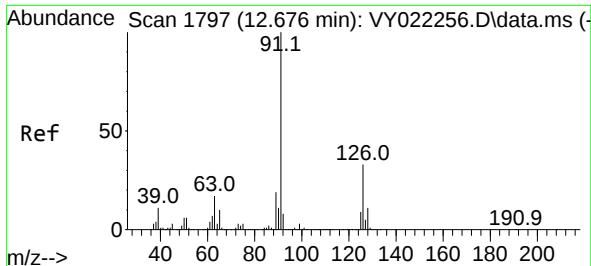
Tgt Ion: 91 Resp: 265840

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.3

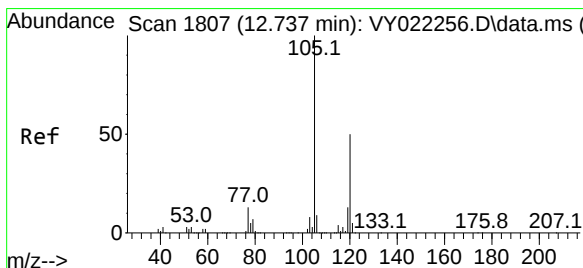
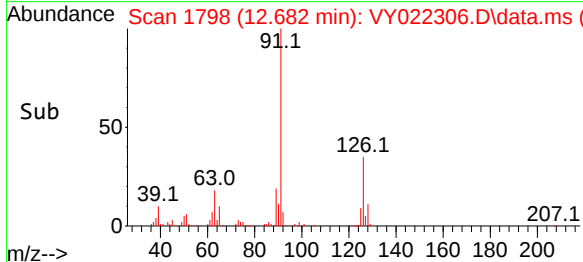
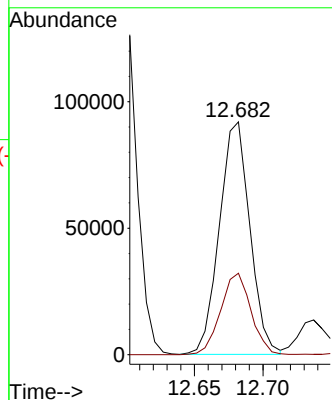
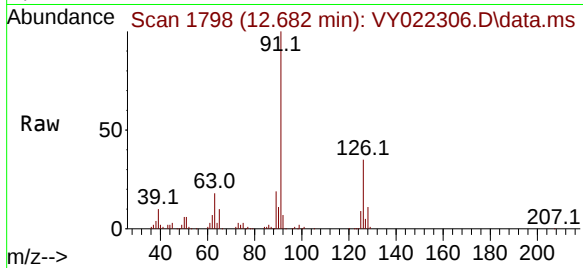




#79
2-Chlorotoluene
Concen: 20.246 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

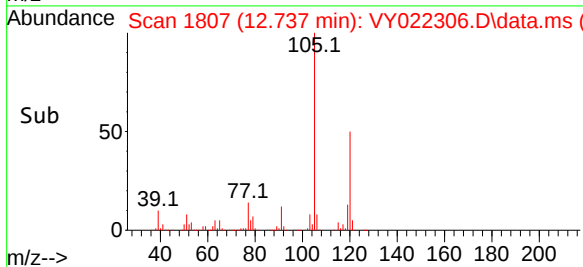
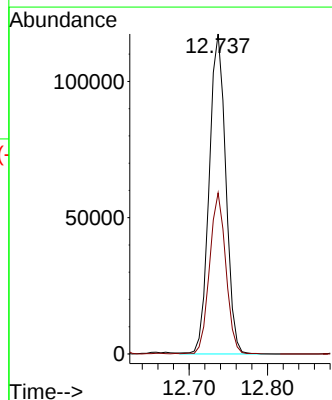
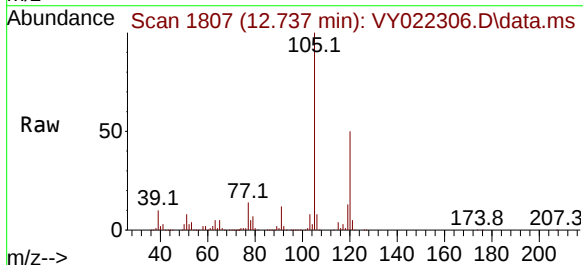
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

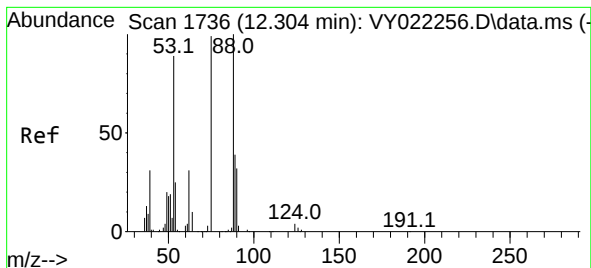
Tgt Ion: 91 Resp: 142473
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 20.114 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 105 Resp: 172377
Ion Ratio Lower Upper
105 100
120 49.4 24.2 72.6

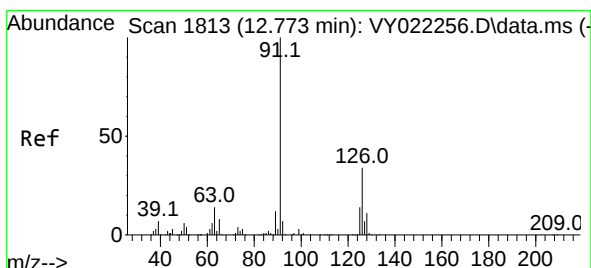
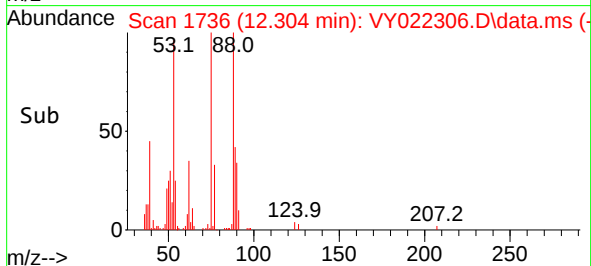
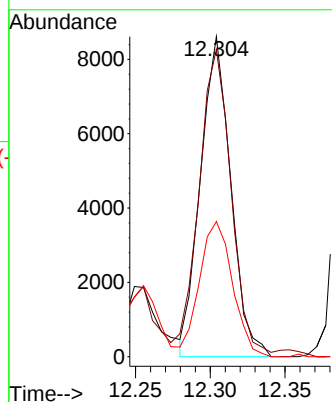
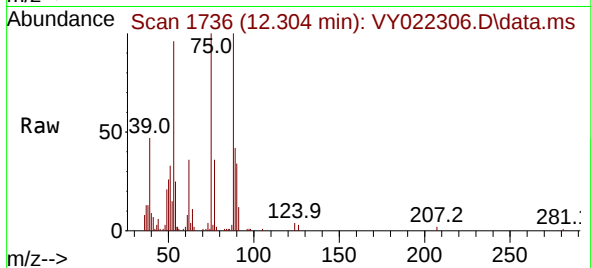




#81
trans-1,4-Dichloro-2-butene
Concen: 18.952 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

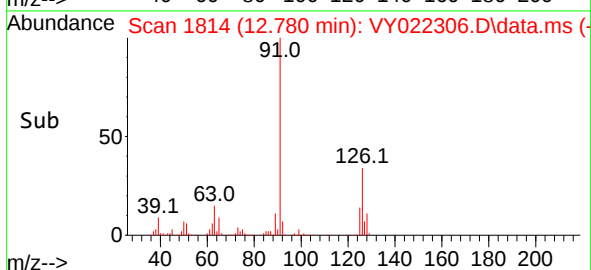
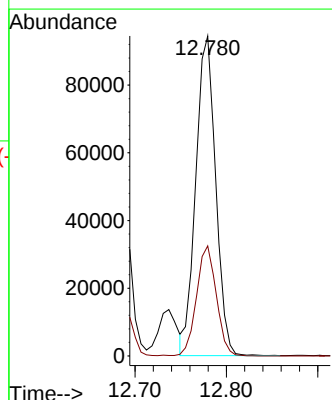
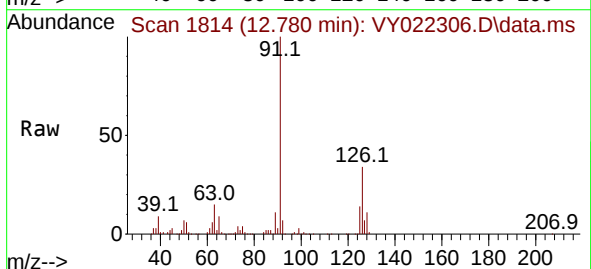
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

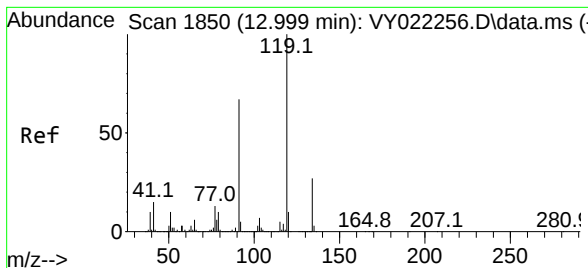
Tgt Ion: 75 Resp: 12146
Ion Ratio Lower Upper
75 100
53 103.5 75.8 113.8
89 45.9 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.682 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022306.D
Acq: 19 May 2025 09:59

Tgt Ion: 91 Resp: 142463
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4

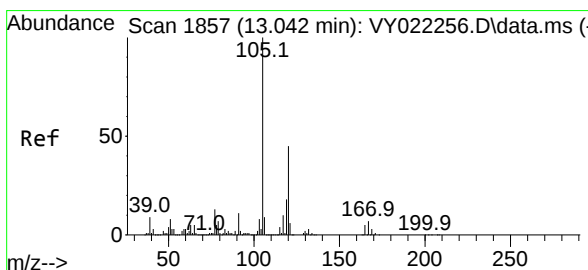
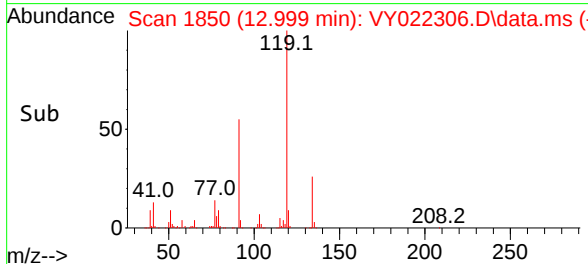
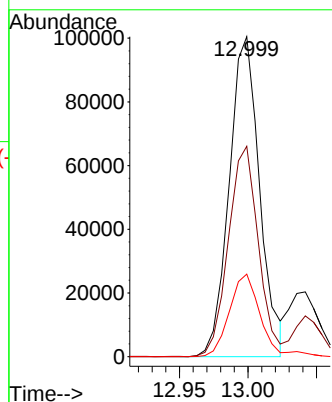
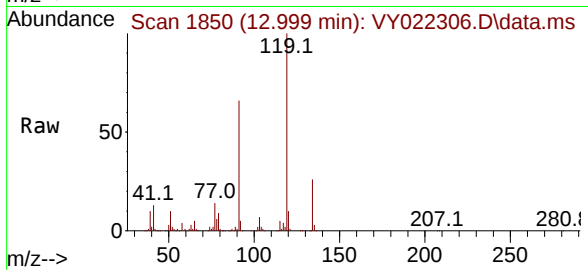




#83
 tert-Butylbenzene
 Concen: 20.403 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

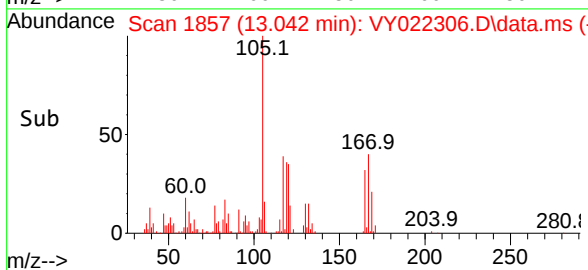
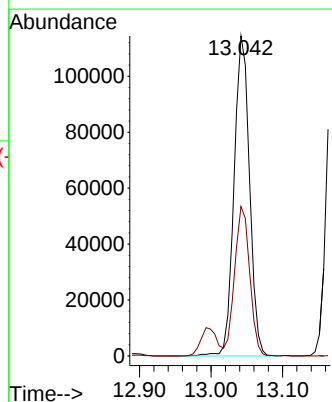
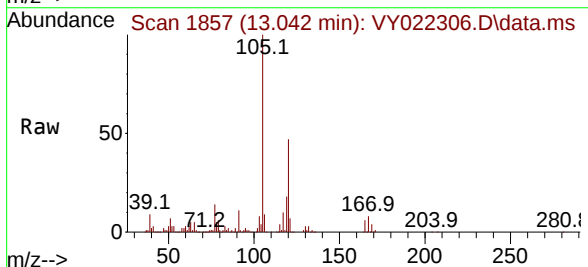
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBSD01

Tgt Ion:119 Resp: 155407
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.8 98.3
 134 26.4 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.205 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

Tgt Ion:105 Resp: 171885
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.844 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

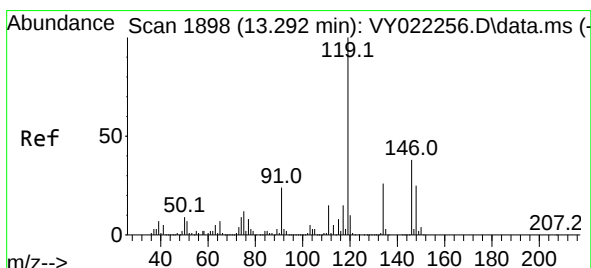
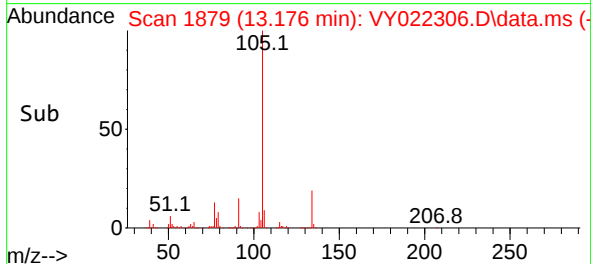
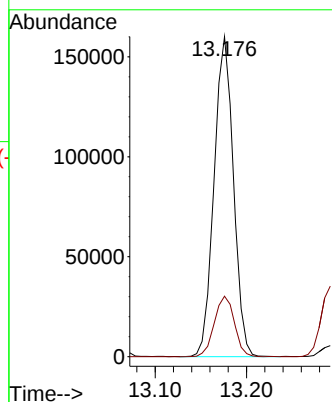
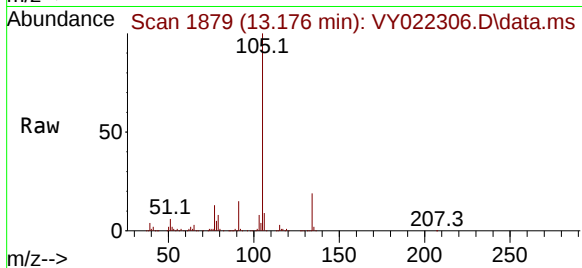
VY0519SBSD01

Tgt Ion:105 Resp: 235679

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 20.117 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

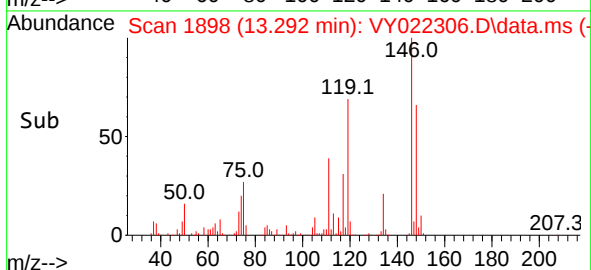
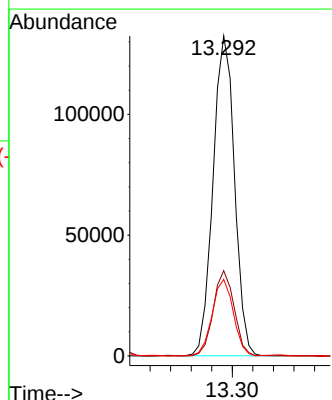
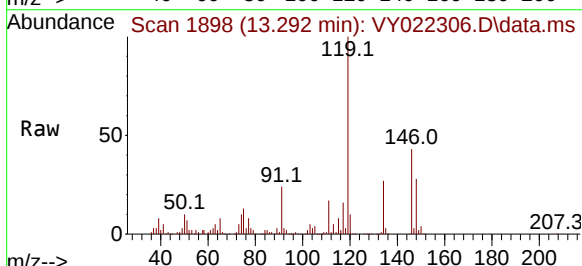
Tgt Ion:119 Resp: 191308

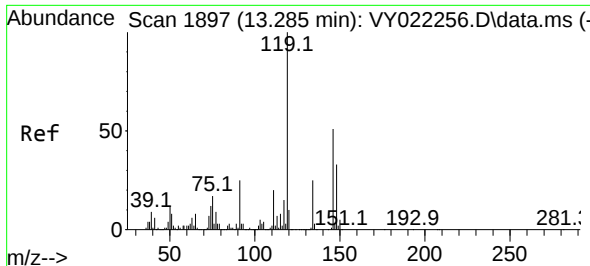
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.864 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

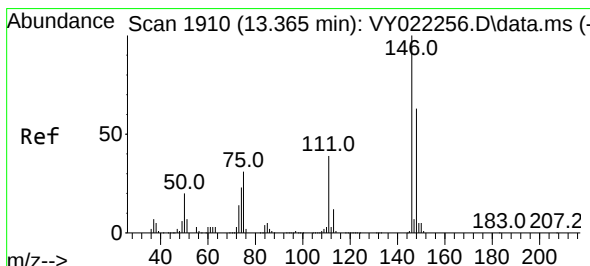
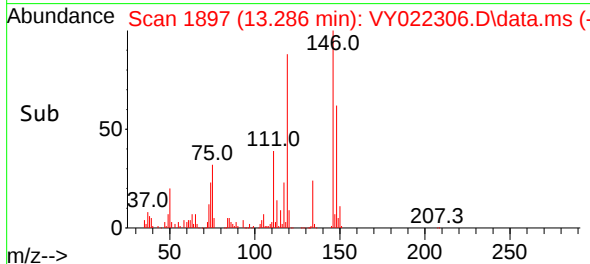
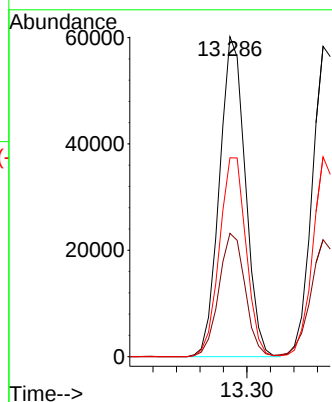
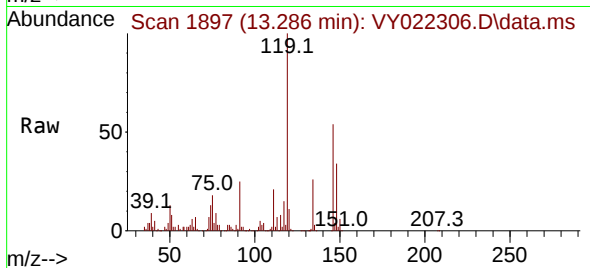
Tgt Ion:146 Resp: 91946

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 64.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.406 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

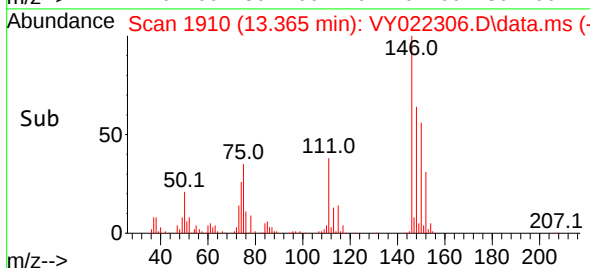
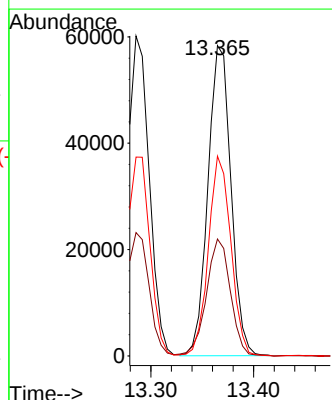
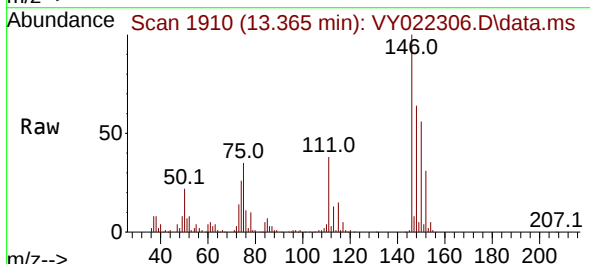
Tgt Ion:146 Resp: 90855

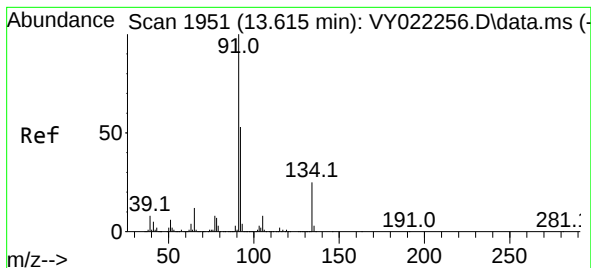
Ion Ratio Lower Upper

146 100

111 39.3 20.0 59.9

148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 20.570 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

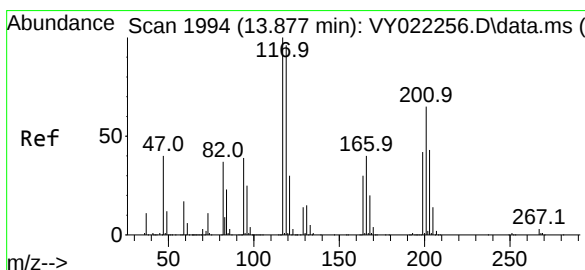
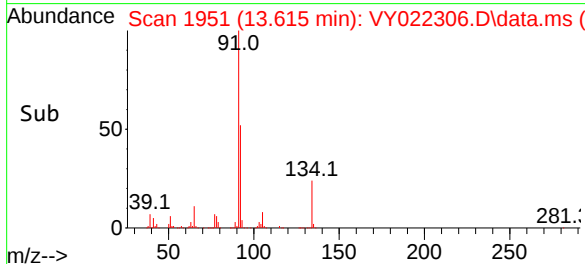
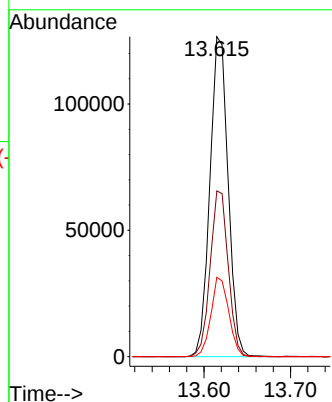
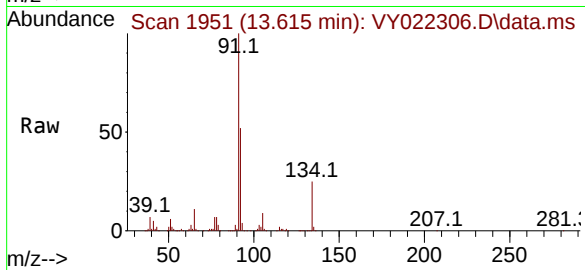
Tgt Ion: 91 Resp: 185056

Ion Ratio Lower Upper

91 100

92 51.3 26.3 78.9

134 24.3 12.4 37.4



#90

Hexachloroethane

Concen: 20.253 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022306.D

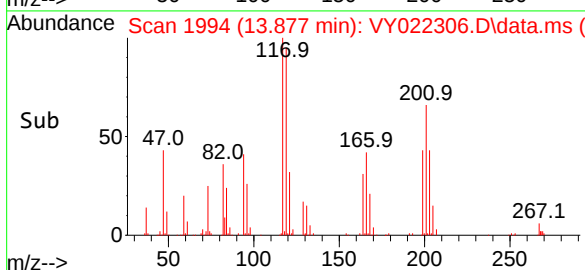
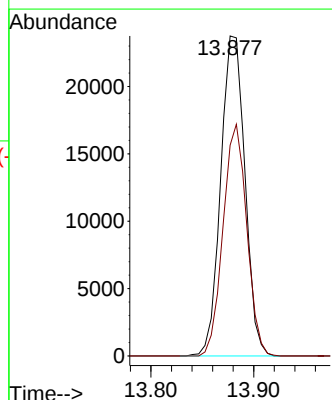
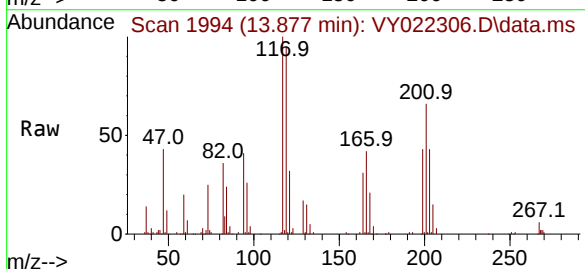
Acq: 19 May 2025 09:59

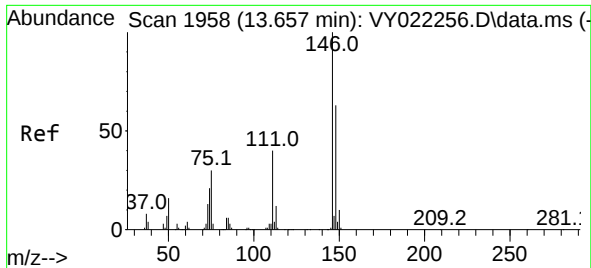
Tgt Ion: 117 Resp: 38879

Ion Ratio Lower Upper

117 100

201 70.8 35.2 105.6

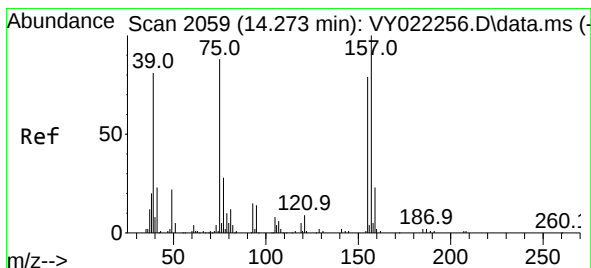
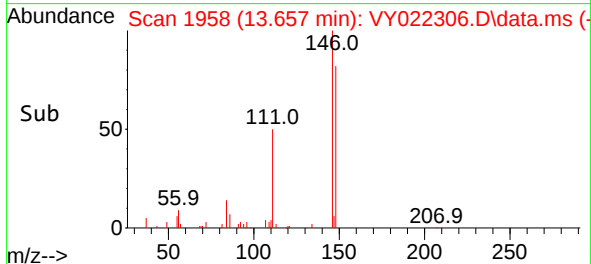
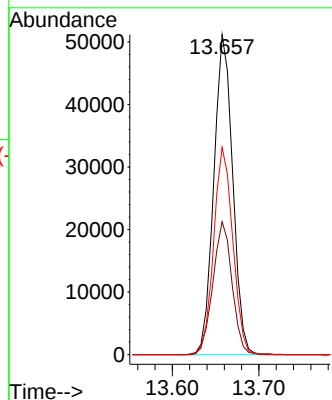
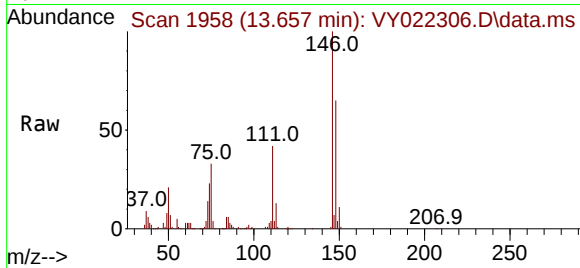




#91
 1,2-Dichlorobenzene
 Concen: 19.937 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

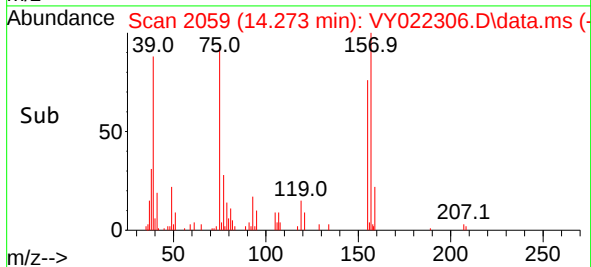
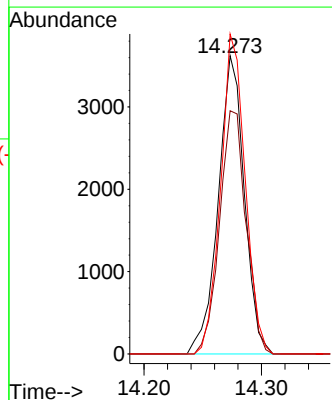
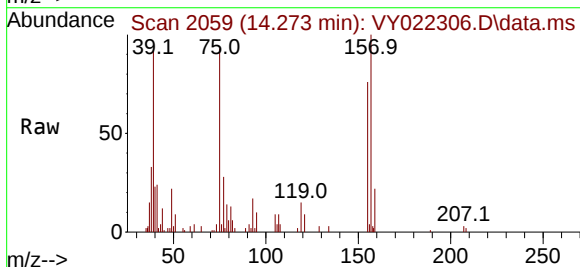
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBSD01

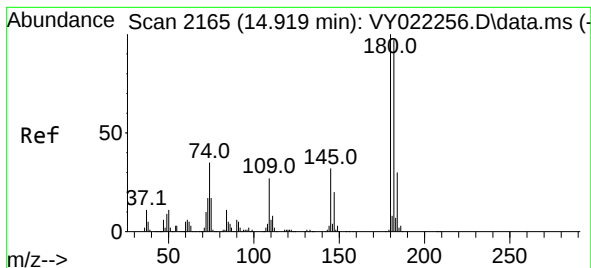
Tgt Ion:146 Resp: 77516
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.5 61.5
 148 65.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.236 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022306.D
 Acq: 19 May 2025 09:59

Tgt Ion: 75 Resp: 5591
 Ion Ratio Lower Upper
 75 100
 155 83.0 43.4 130.1
 157 100.6 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 19.753 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

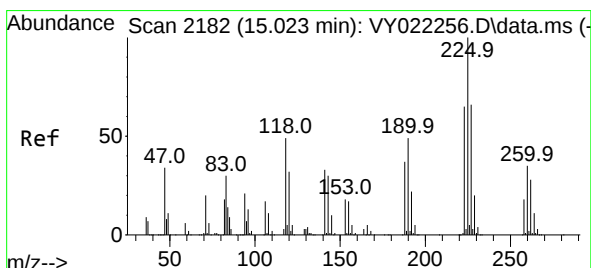
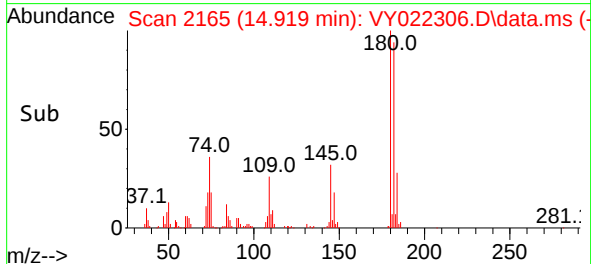
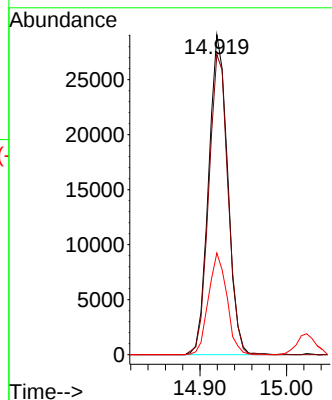
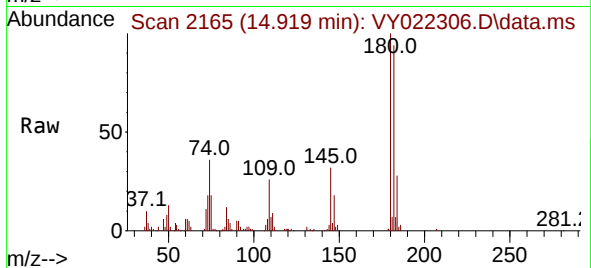
Tgt Ion:180 Resp: 44362

Ion Ratio Lower Upper

180 100

182 95.0 48.0 144.0

145 30.7 15.0 45.1



#94

Hexachlorobutadiene

Concen: 20.076 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

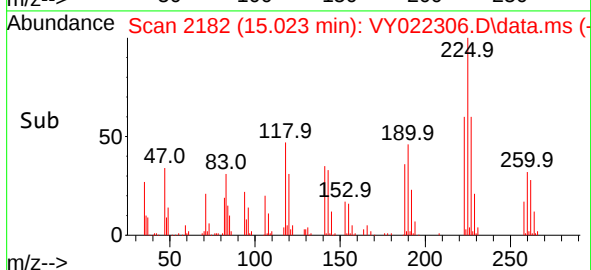
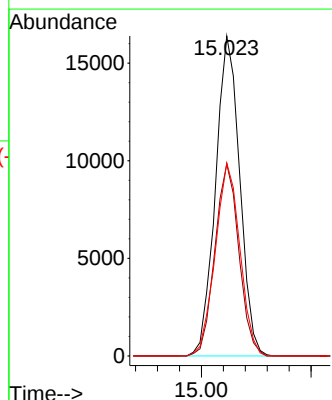
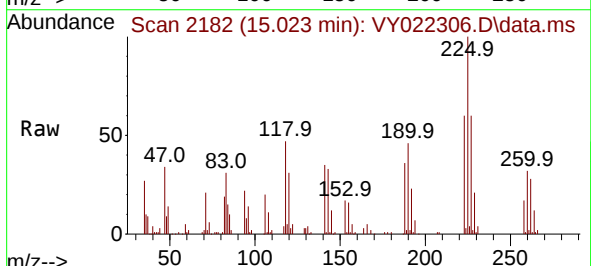
Tgt Ion:225 Resp: 25145

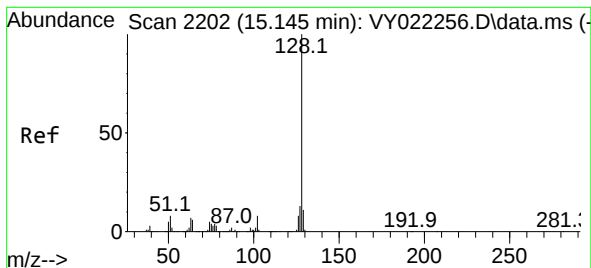
Ion Ratio Lower Upper

225 100

223 59.3 31.5 94.5

227 61.2 32.1 96.3





#95

Naphthalene

Concen: 19.449 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

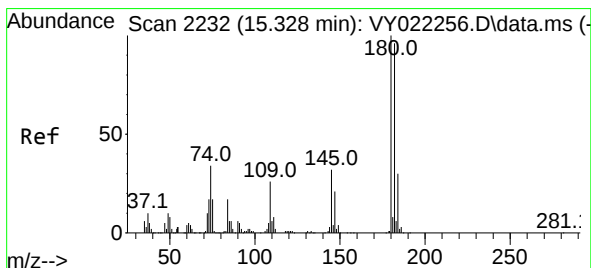
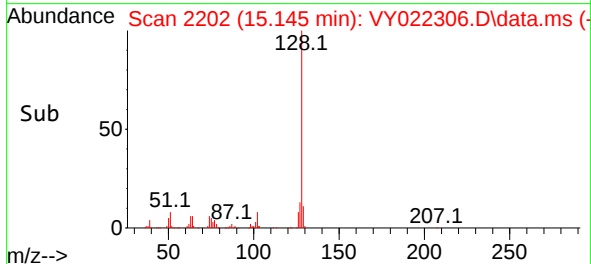
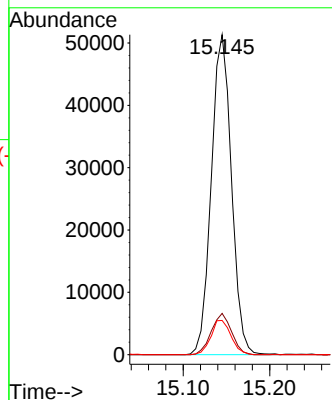
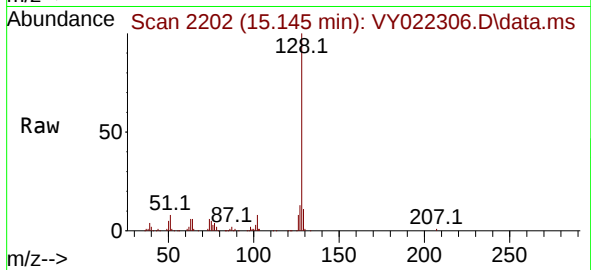
Tgt Ion:128 Resp: 82889

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.181 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022306.D

Acq: 19 May 2025 09:59

Tgt Ion:180 Resp: 36544

Ion Ratio Lower Upper

180 100

182 96.8 47.1 141.3

145 32.3 15.9 47.6

