

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090925\
 Data File : VY023315.D
 Acq On : 09 Sep 2025 10:12
 Operator : SY/MD
 Sample : VY0909SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

Quant Time: Sep 10 01:51:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	540634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	826793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	707572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	358790	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	225674	47.504	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.000%
35) Dibromofluoromethane	7.640	113	239751	47.439	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.880%
50) Toluene-d8	10.109	98	916606	48.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.408	95	288780	48.085	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	89877	20.722	ug/l	99
3) Chloromethane	2.074	50	125884	20.283	ug/l	100
4) Vinyl Chloride	2.208	62	155591	19.899	ug/l	97
5) Bromomethane	2.598	94	130985	20.516	ug/l	99
6) Chloroethane	2.739	64	105177	19.877	ug/l	96
7) Trichlorofluoromethane	3.062	101	192094	19.465	ug/l	99
8) Diethyl Ether	3.458	74	53222	20.382	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	103931	19.583	ug/l	97
10) Methyl Iodide	4.007	142	115957	18.730	ug/l	99
11) Tert butyl alcohol	4.866	59	28317	103.159	ug/l	98
12) 1,1-Dichloroethene	3.793	96	101859	19.951	ug/l	89
13) Acrolein	3.653	56	47121	101.540	ug/l	99
14) Allyl chloride	4.385	41	128629	19.944	ug/l	97
15) Acrylonitrile	5.067	53	101290	98.536	ug/l	100
16) Acetone	3.872	43	108969	100.700	ug/l	97
17) Carbon Disulfide	4.110	76	318650	19.713	ug/l	98
18) Methyl Acetate	4.397	43	52443	19.757	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	240433	20.028	ug/l	96
20) Methylene Chloride	4.616	84	119731	20.681	ug/l	92
21) trans-1,2-Dichloroethene	5.122	96	114125	20.006	ug/l	92
22) Diisopropyl ether	6.025	45	288366	20.077	ug/l	94
23) Vinyl Acetate	5.970	43	795186	100.142	ug/l	99
24) 1,1-Dichloroethane	5.921	63	186447	19.846	ug/l	99
25) 2-Butanone	6.902	43	135996	102.112	ug/l	97
26) 2,2-Dichloropropane	6.890	77	162792	19.625	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	128792	19.937	ug/l	92
28) Bromochloromethane	7.250	49	71917	19.455	ug/l	90
29) Tetrahydrofuran	7.268	42	79950	101.206	ug/l	97
30) Chloroform	7.427	83	199721	19.786	ug/l	98
31) Cyclohexane	7.707	56	165666	19.928	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	174958	19.400	ug/l	99
36) 1,1-Dichloropropene	7.841	75	140572	19.529	ug/l	98
37) Ethyl Acetate	6.982	43	56415	19.702	ug/l	97
38) Carbon Tetrachloride	7.823	117	160493	19.377	ug/l	99
39) Methylcyclohexane	9.115	83	182620	19.831	ug/l	95
40) Benzene	8.085	78	443016	19.800	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	28434	19.176	ug/l #	89
42) 1,2-Dichloroethane	8.158	62	111036	19.492	ug/l	98
43) Isopropyl Acetate	8.201	43	109776	19.711	ug/l	97
44) Trichloroethene	8.872	130	122071	19.588	ug/l	92
45) 1,2-Dichloropropane	9.146	63	101409	20.069	ug/l	100
46) Dibromomethane	9.231	93	60520	19.667	ug/l	95
47) Bromodichloromethane	9.426	83	148808	19.222	ug/l	98
48) Methyl methacrylate	9.225	41	52075	20.061	ug/l	94
49) 1,4-Dioxane	9.231	88	13181	421.965	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	286671	100.613	ug/l	99
52) Toluene	10.170	92	281350	19.815	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	130791	19.623	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	155694	19.549	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	80411	19.644	ug/l	97
56) Ethyl methacrylate	10.438	69	93164	19.645	ug/l	96
57) 1,3-Dichloropropane	10.719	76	131545	19.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	193326	93.532	ug/l	95
59) 2-Hexanone	10.761	43	199953	101.515	ug/l	100
60) Dibromochloromethane	10.914	129	108187	19.479	ug/l	98
61) 1,2-Dibromoethane	11.011	107	74237	19.354	ug/l	100
64) Tetrachloroethene	10.646	164	141779	20.104	ug/l	99
65) Chlorobenzene	11.438	112	312377	20.152	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	109323	20.093	ug/l	98
67) Ethyl Benzene	11.517	91	511861	20.212	ug/l	96
68) m/p-Xylenes	11.627	106	409414	40.374	ug/l	97
69) o-Xylene	11.956	106	189218	20.157	ug/l	100
70) Styrene	11.969	104	318560	20.476	ug/l	97
71) Bromoform	12.133	173	64164	19.803	ug/l #	97
73) Isopropylbenzene	12.255	105	495273	20.493	ug/l	99
74) N-amyl acetate	12.072	43	91906	20.118	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	81952	20.205	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	109468	30.128	ug/l #	100
77) Bromobenzene	12.529	156	124694	20.195	ug/l	94
78) n-propylbenzene	12.597	91	583676	20.491	ug/l	97
79) 2-Chlorotoluene	12.676	91	336223	20.493	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	403044	20.504	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	26137	19.617	ug/l	97
82) 4-Chlorotoluene	12.779	91	345746	20.140	ug/l	97
83) tert-Butylbenzene	12.999	119	362222	20.346	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	403629	20.757	ug/l	100
85) sec-Butylbenzene	13.176	105	533672	20.603	ug/l	99
86) p-Isopropyltoluene	13.292	119	448799	20.512	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	242803	19.872	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	244116	20.172	ug/l	99
89) n-Butylbenzene	13.615	91	393737	20.291	ug/l	99
90) Hexachloroethane	13.877	117	93473	19.705	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	216096	20.285	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12818	20.140	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	126482	20.354	ug/l	99
94) Hexachlorobutadiene	15.023	225	78398	20.405	ug/l	99
95) Naphthalene	15.145	128	200196	20.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	113131	20.963	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

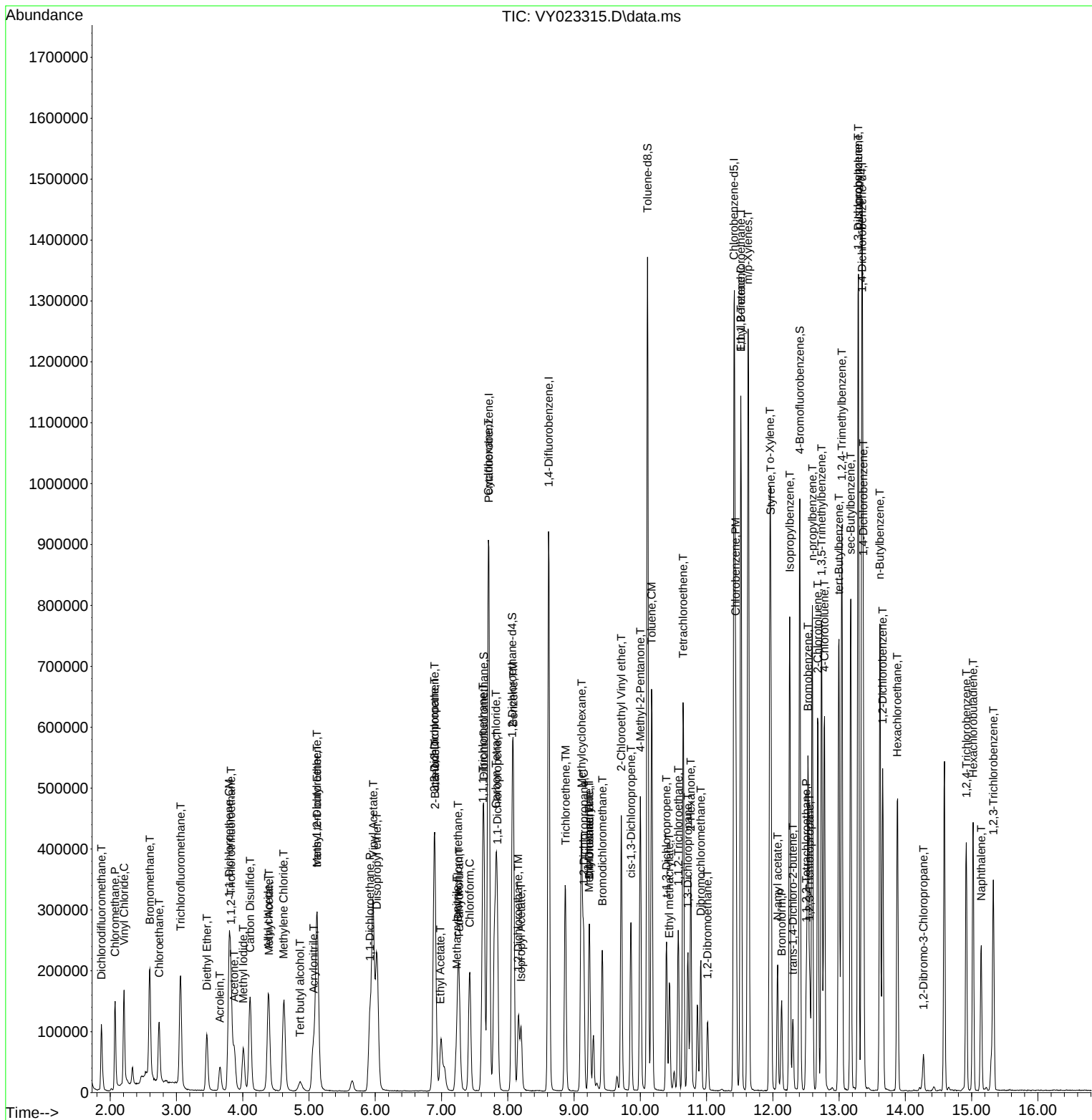
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

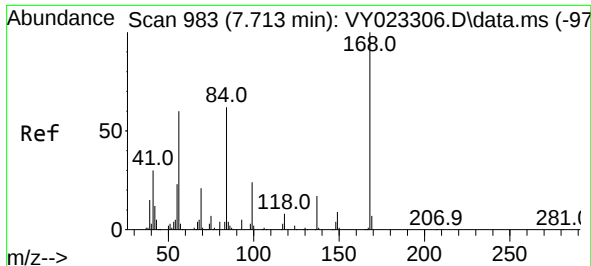
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Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

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

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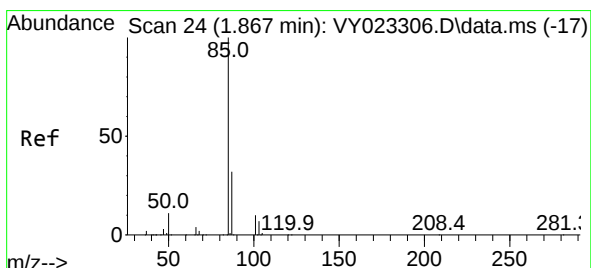
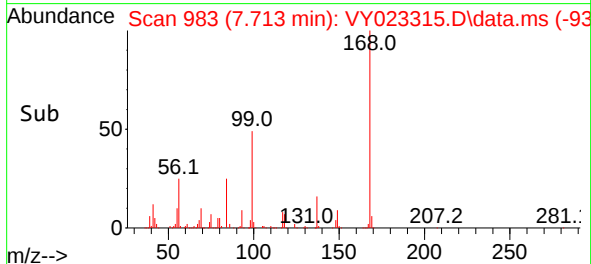
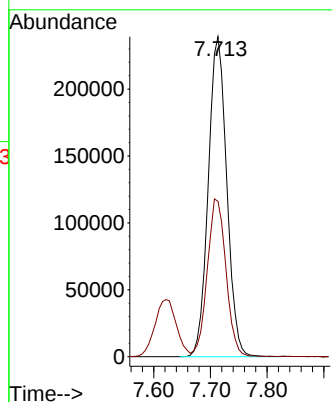
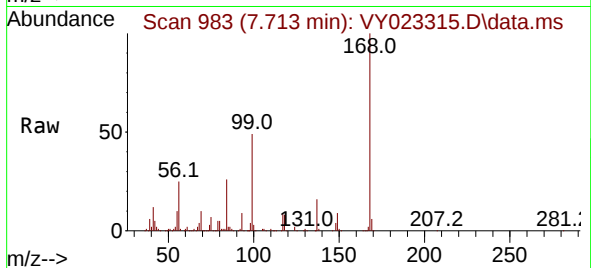




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023315.D
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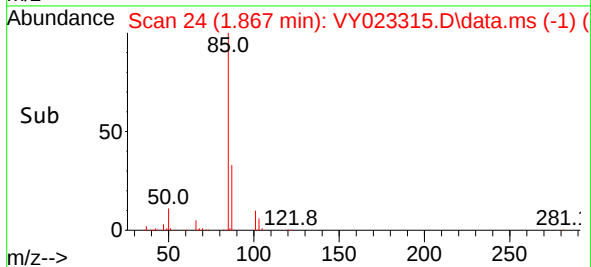
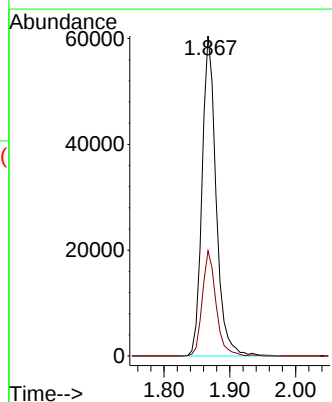
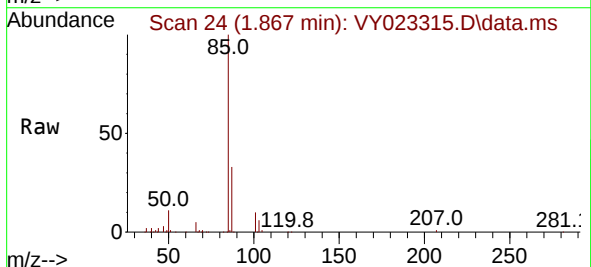
Instrument :
MSVOA_Y
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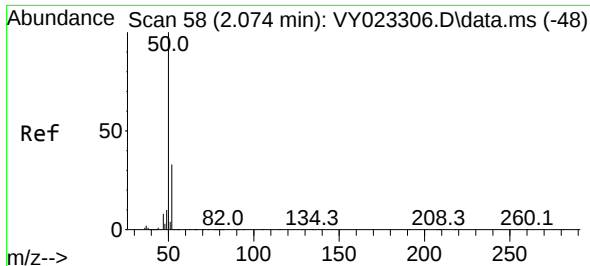
Tgt Ion:168 Resp: 540634
Ion Ratio Lower Upper
168 100
99 48.5 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 20.722 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 85 Resp: 89877
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.8

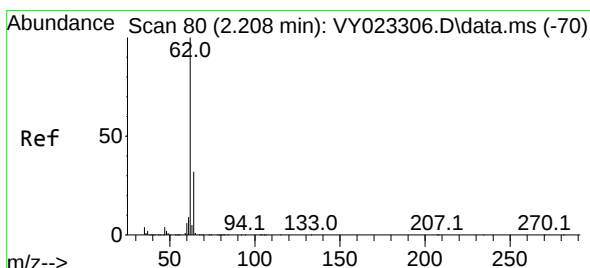
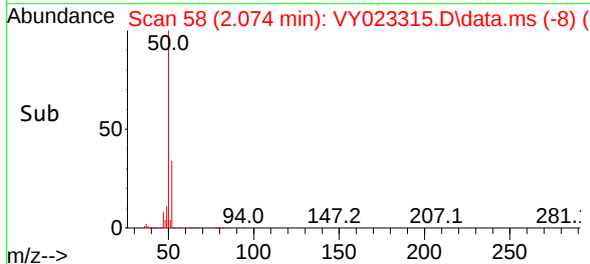
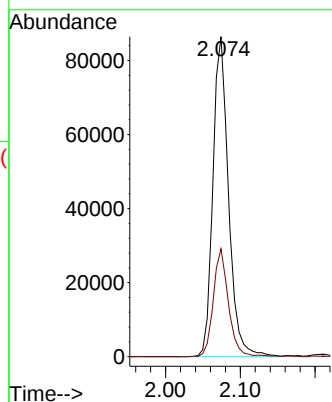
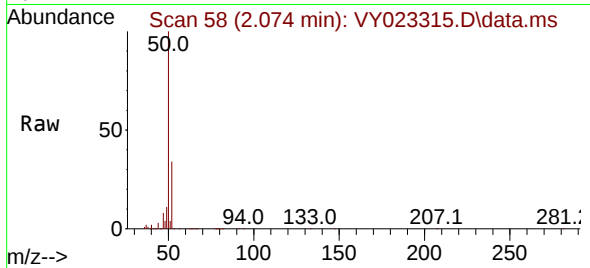




#3
Chloromethane
Concen: 20.283 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

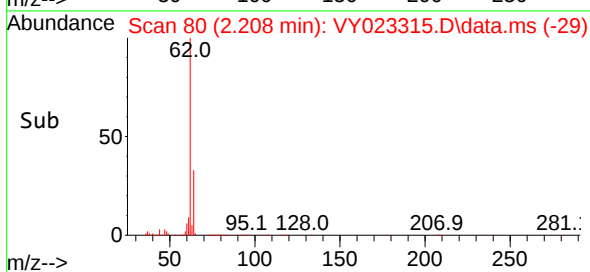
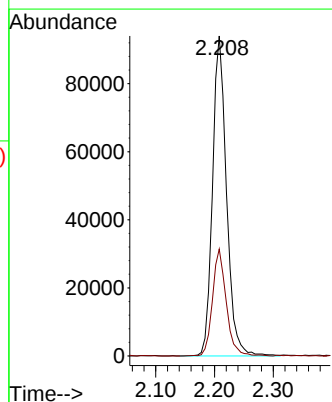
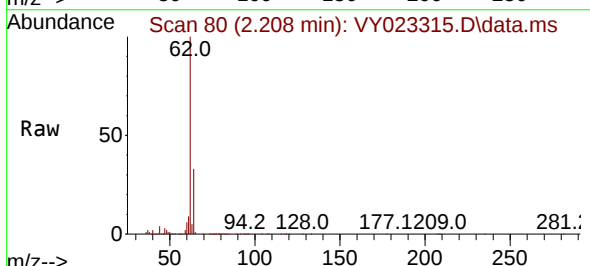
Instrument :
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ClientSampleId :
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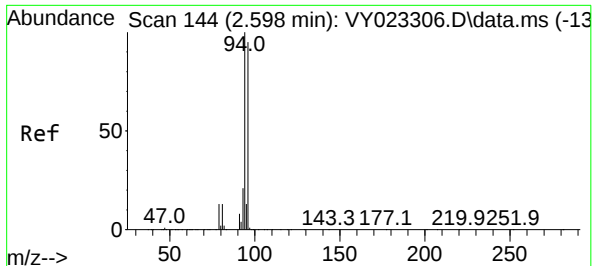
Tgt Ion: 50 Resp: 125884
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1



#4
Vinyl Chloride
Concen: 19.899 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 62 Resp: 155591
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0

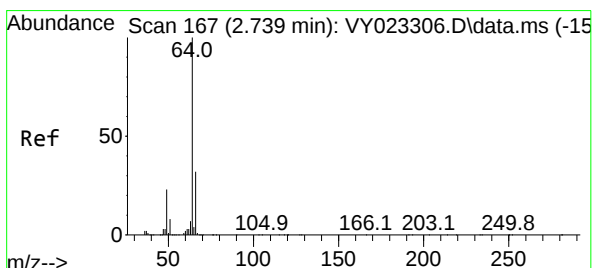
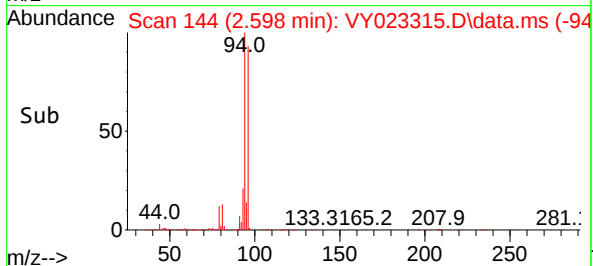
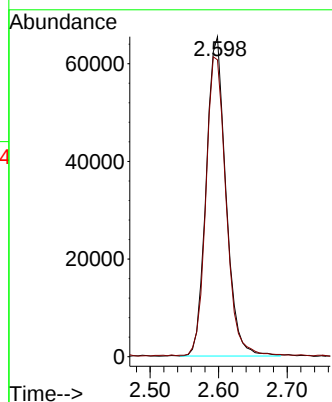
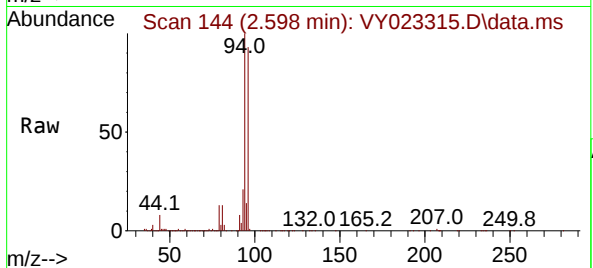




#5
Bromomethane
Concen: 20.516 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

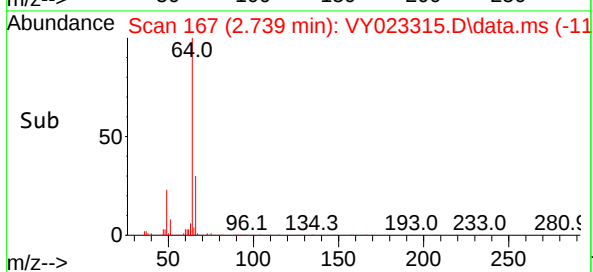
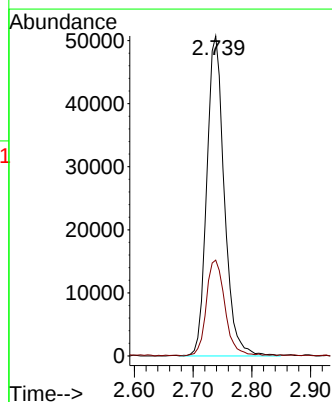
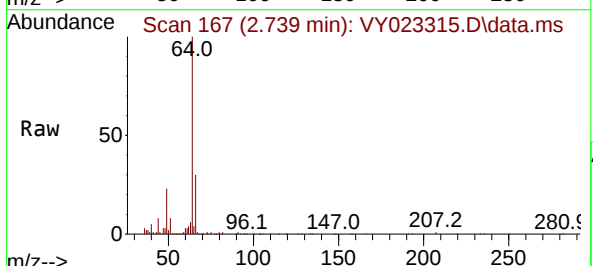
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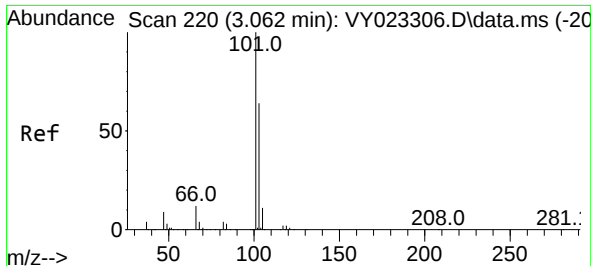
Tgt Ion: 94 Resp: 130985
Ion Ratio Lower Upper
94 100
96 92.5 74.6 112.0



#6
Chloroethane
Concen: 19.877 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 64 Resp: 105177
Ion Ratio Lower Upper
64 100
66 29.8 25.8 38.6

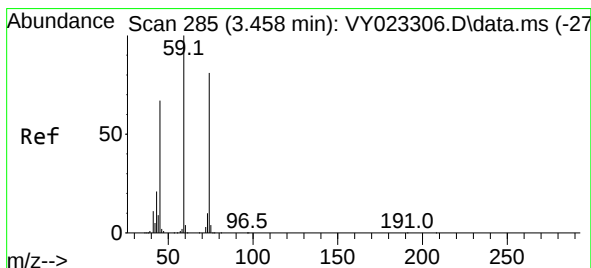
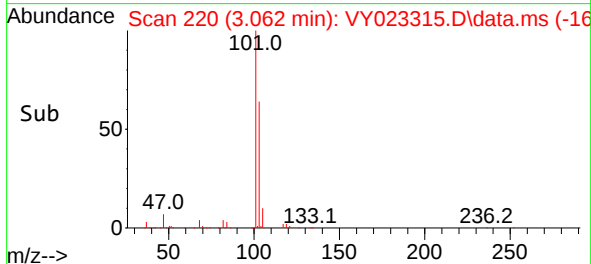
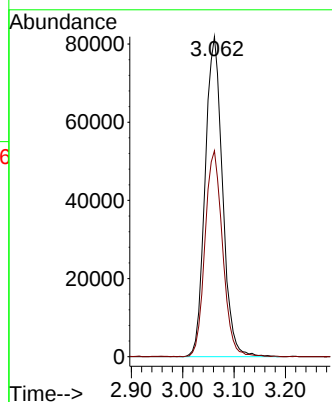
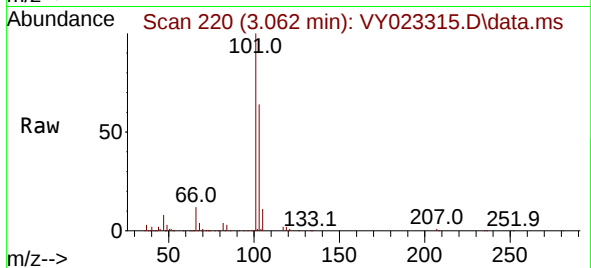




#7
Trichlorofluoromethane
Concen: 19.465 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

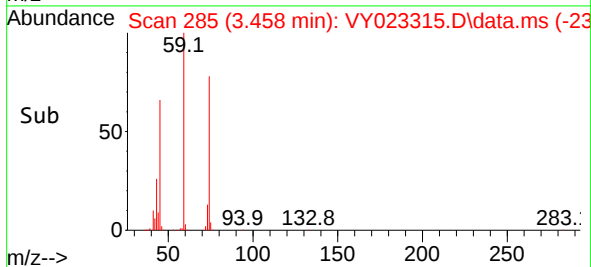
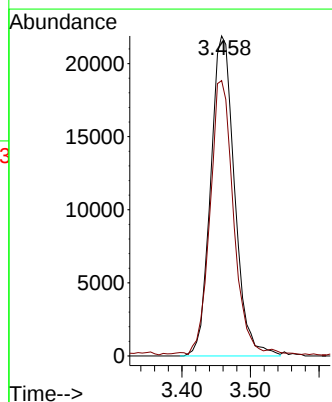
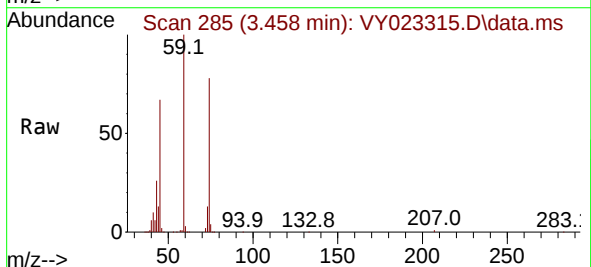
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

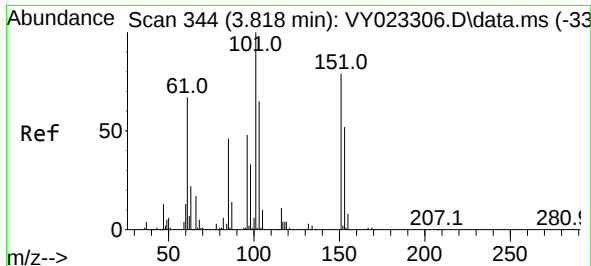
Tgt Ion:101 Resp: 192094
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9



#8
Diethyl Ether
Concen: 20.382 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 74 Resp: 53222
Ion Ratio Lower Upper
74 100
45 83.7 44.4 133.2

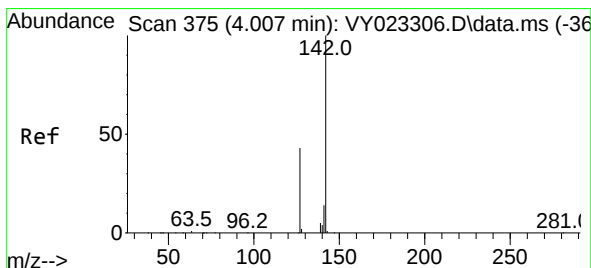
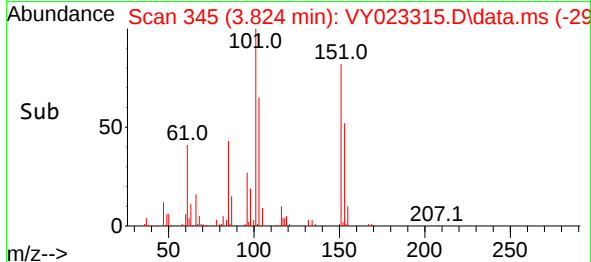
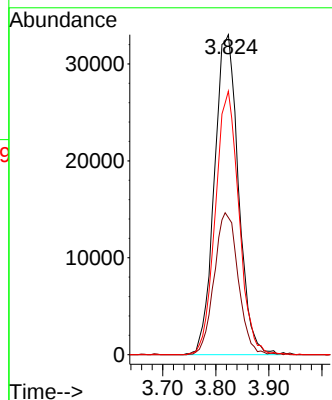
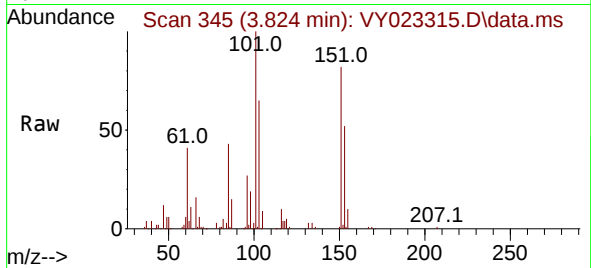




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.583 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

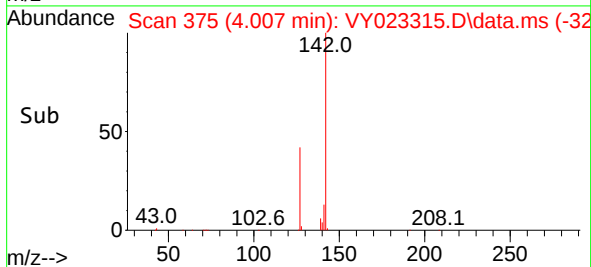
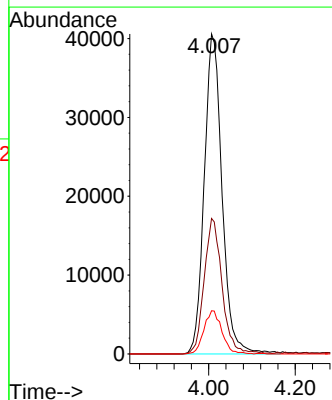
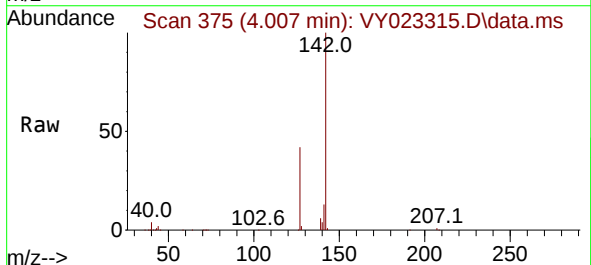
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

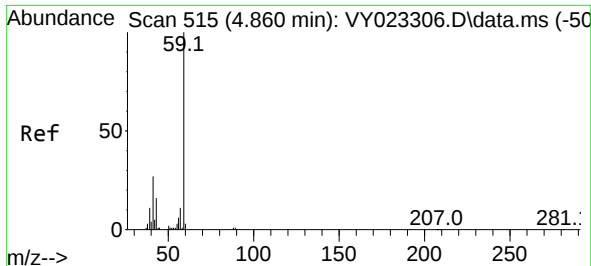
Tgt Ion:101 Resp: 103931
Ion Ratio Lower Upper
101 100
85 44.5 36.3 54.5
151 80.9 61.5 92.3



#10
Methyl Iodide
Concen: 18.730 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion:142 Resp: 115957
Ion Ratio Lower Upper
142 100
127 42.6 34.9 52.3
141 13.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 103.159 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

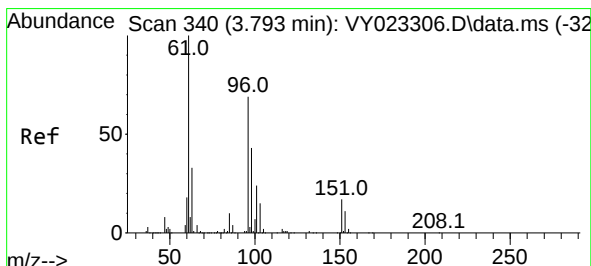
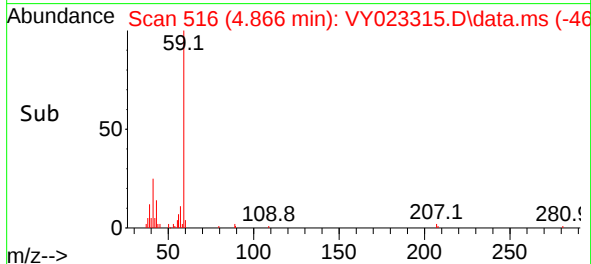
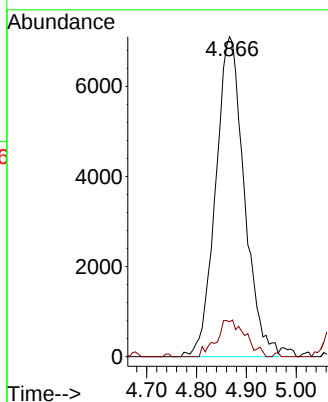
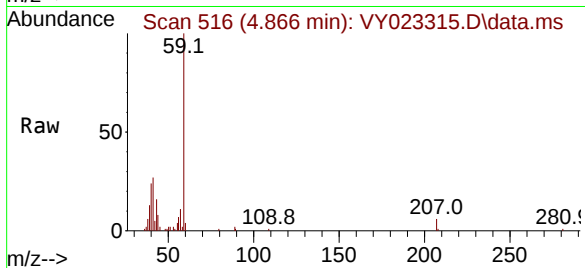
VY0909SBS01

Tgt Ion: 59 Resp: 28317

Ion Ratio Lower Upper

59 100

57 11.6 8.6 13.0



#12

1,1-Dichloroethene

Concen: 19.951 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

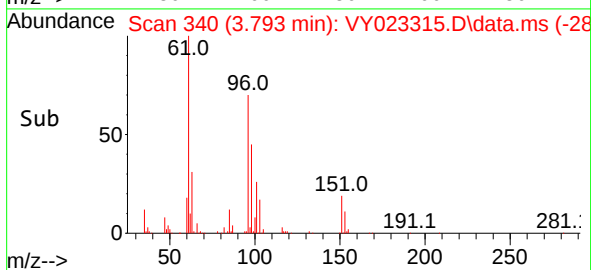
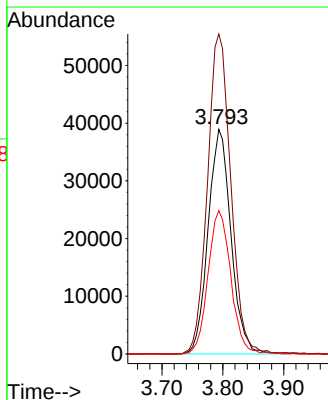
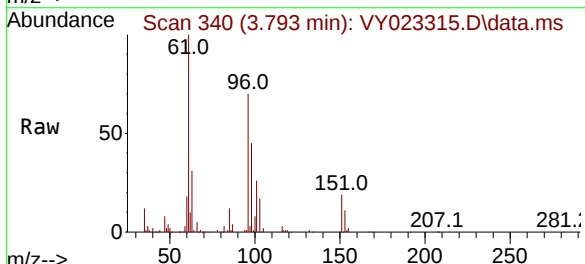
Tgt Ion: 96 Resp: 101859

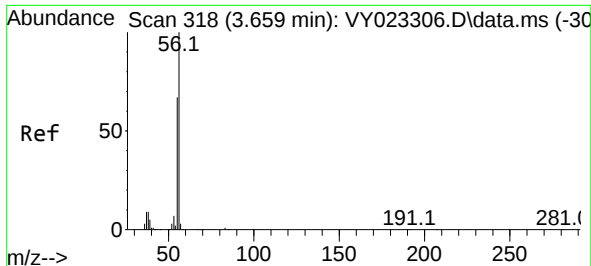
Ion Ratio Lower Upper

96 100

61 142.4 129.4 194.2

98 63.8 52.8 79.2

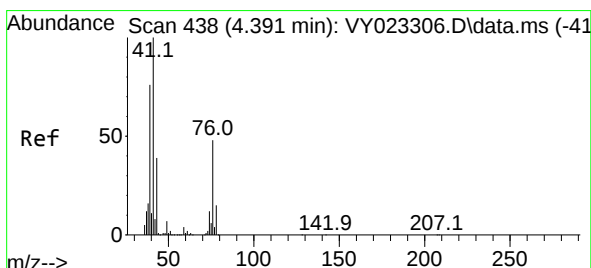
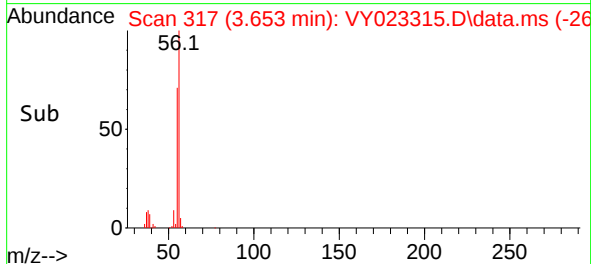
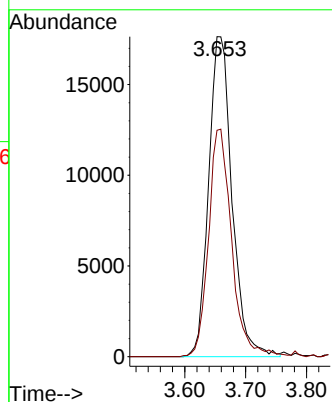
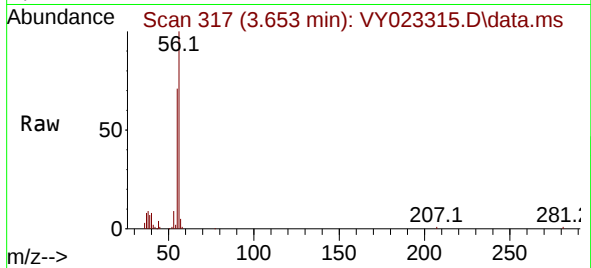




#13
Acrolein
Concen: 101.540 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

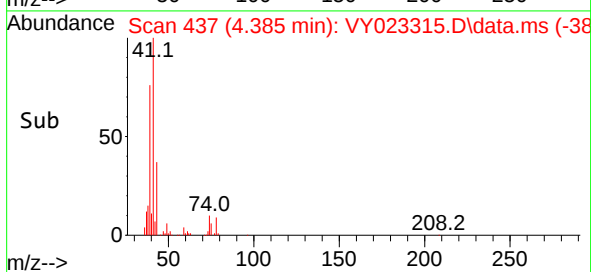
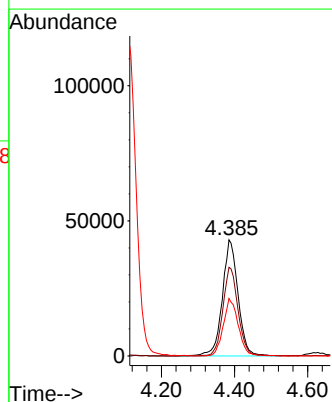
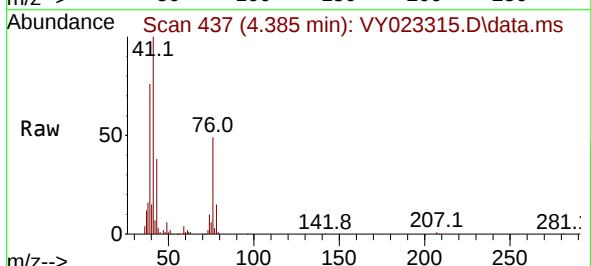
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

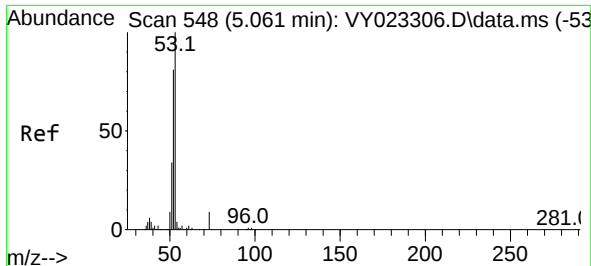
Tgt Ion: 56 Resp: 47121
Ion Ratio Lower Upper
56 100
55 70.2 55.2 82.8



#14
Allyl chloride
Concen: 19.944 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 41 Resp: 128629
Ion Ratio Lower Upper
41 100
39 73.9 59.8 89.6
76 47.0 33.7 50.5

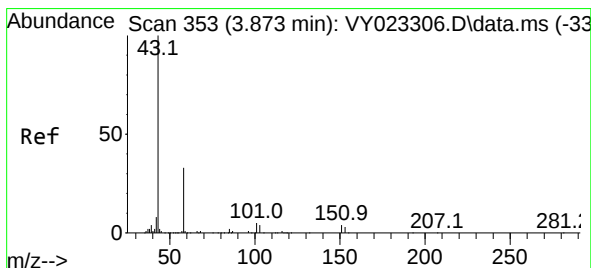
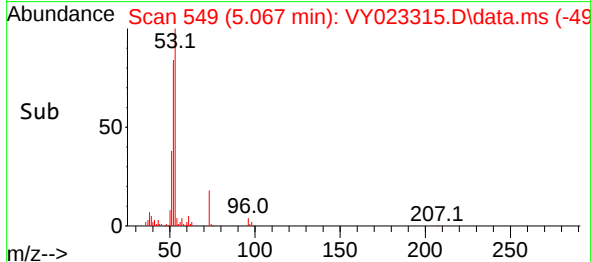
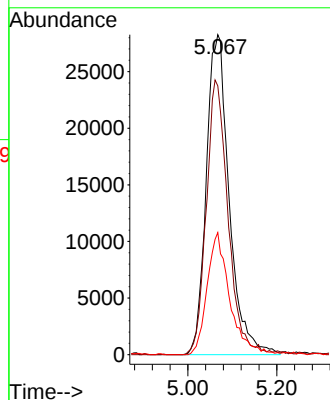
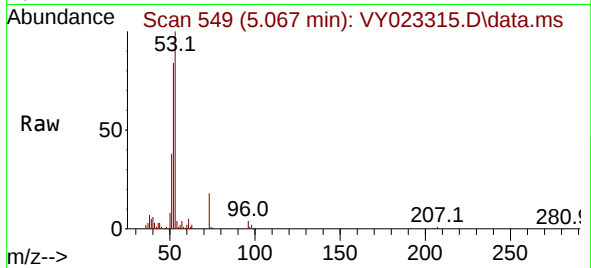




#15
Acrylonitrile
Concen: 98.536 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.018 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

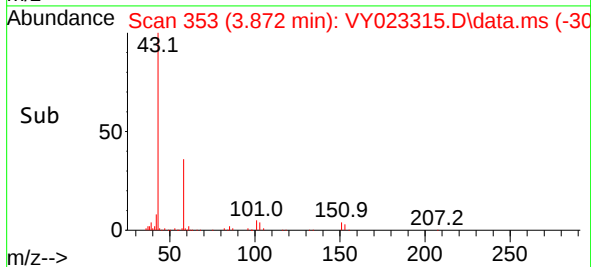
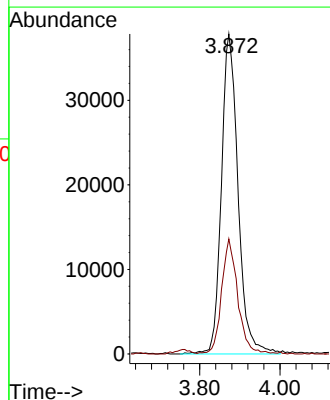
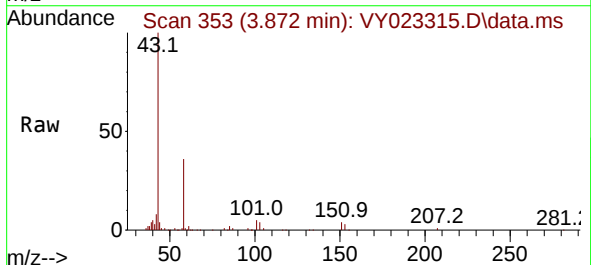
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

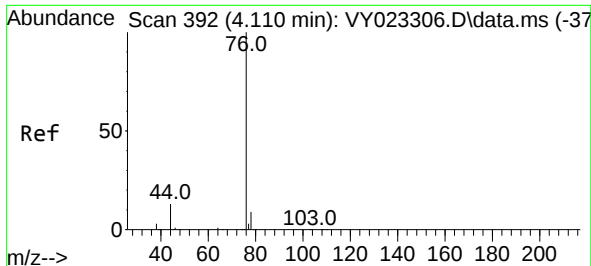
Tgt Ion: 53 Resp: 101290
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 37.6 29.5 44.3



#16
Acetone
Concen: 100.700 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 43 Resp: 108969
Ion Ratio Lower Upper
43 100
58 35.4 27.1 40.7

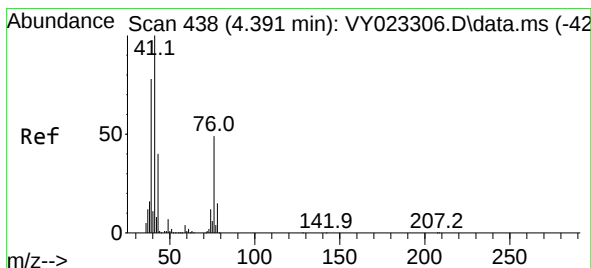
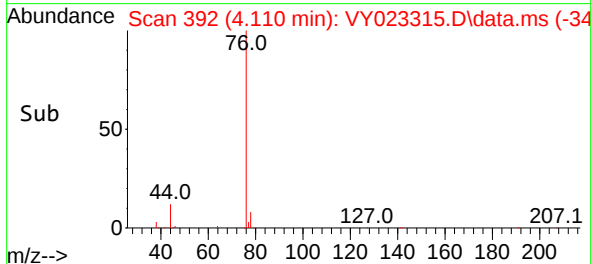
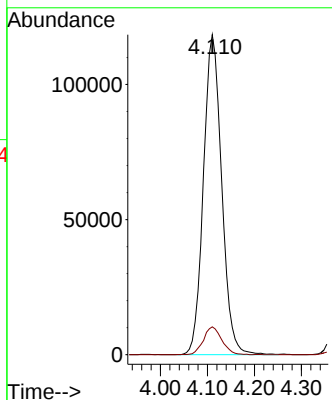
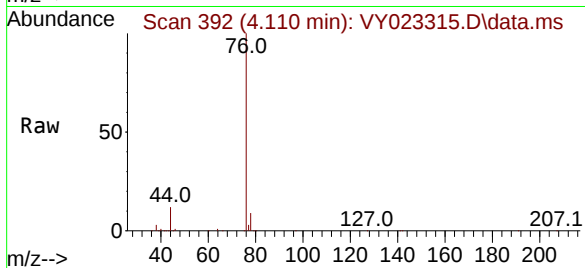




#17
Carbon Disulfide
Concen: 19.713 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

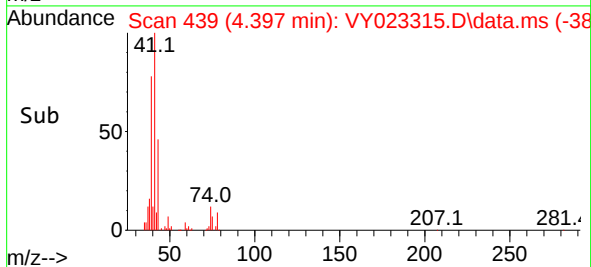
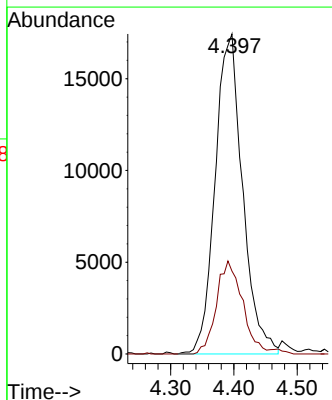
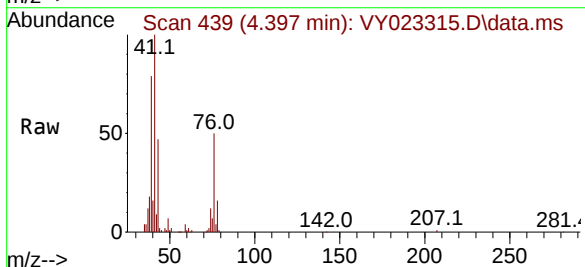
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

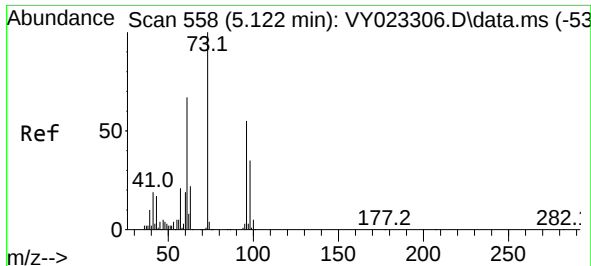
Tgt Ion: 76 Resp: 318650
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 19.757 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 43 Resp: 52443
Ion Ratio Lower Upper
43 100
74 27.6 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 20.028 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

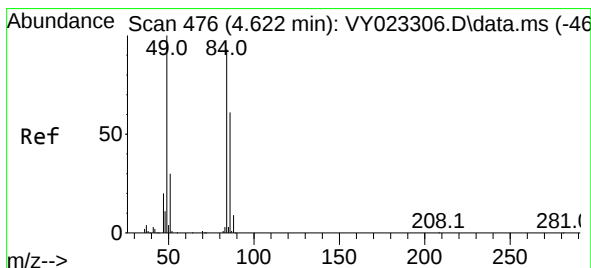
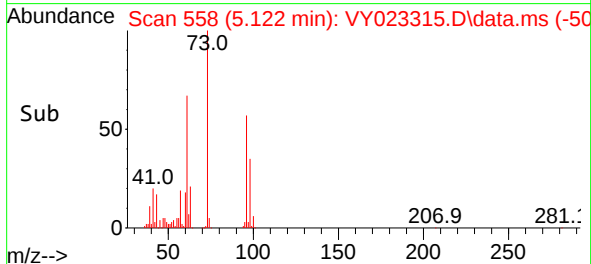
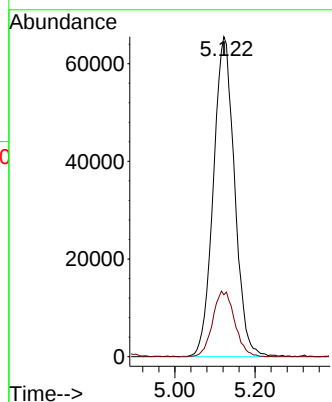
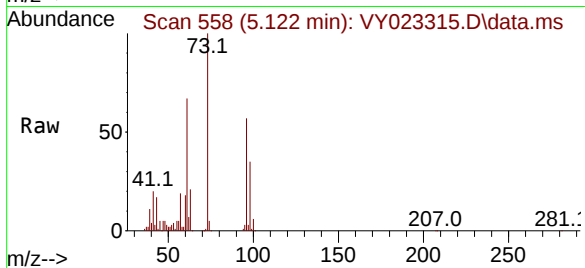
VY0909SBSD01

Tgt Ion: 73 Resp: 240433

Ion Ratio Lower Upper

73 100

57 19.4 17.1 25.7



#20

Methylene Chloride

Concen: 20.681 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Tgt Ion: 84 Resp: 119731

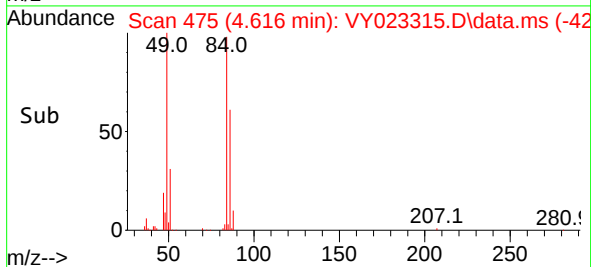
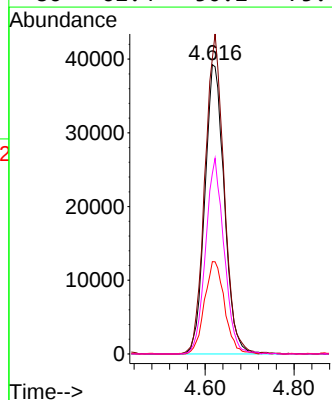
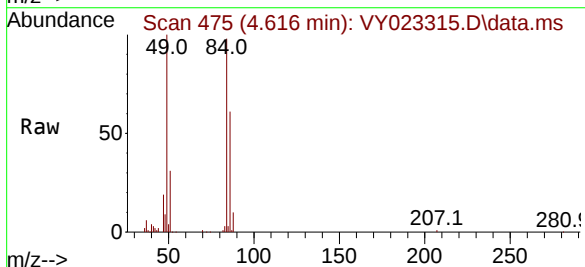
Ion Ratio Lower Upper

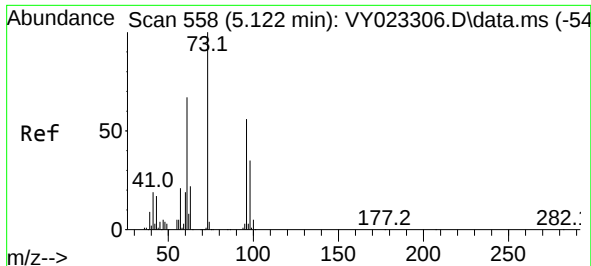
84 100

49 102.1 93.0 139.6

51 31.8 29.0 43.4

86 62.4 50.2 75.4

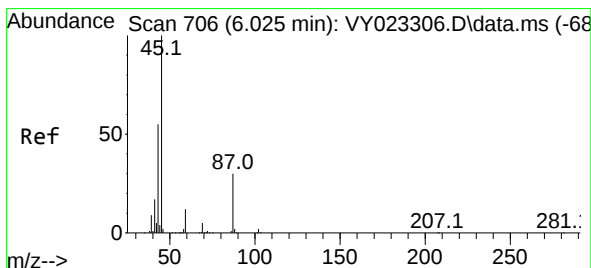
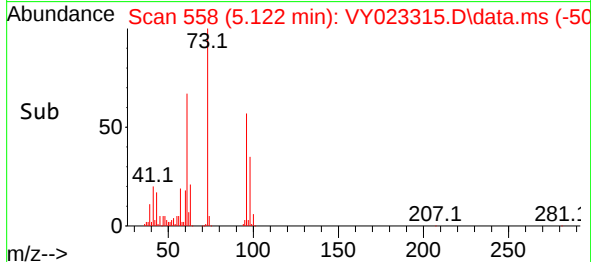
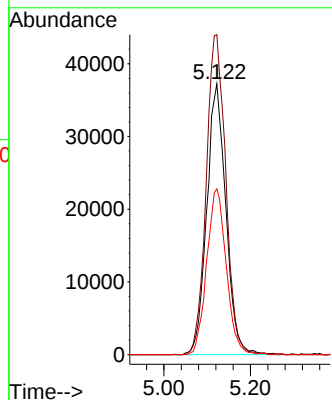
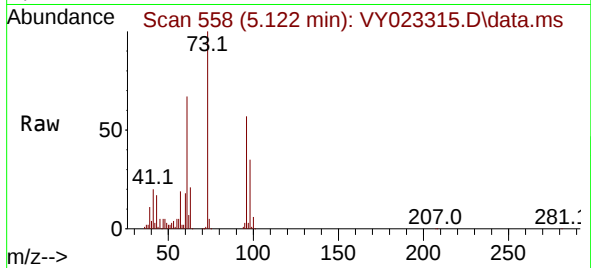




#21
trans-1,2-Dichloroethene
Concen: 20.006 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

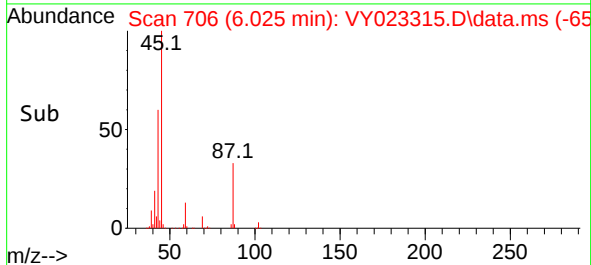
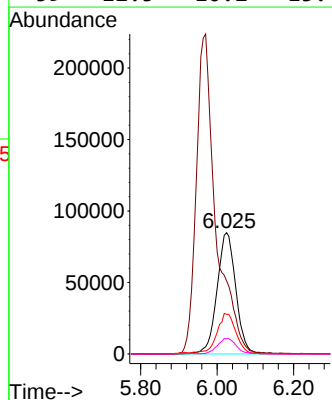
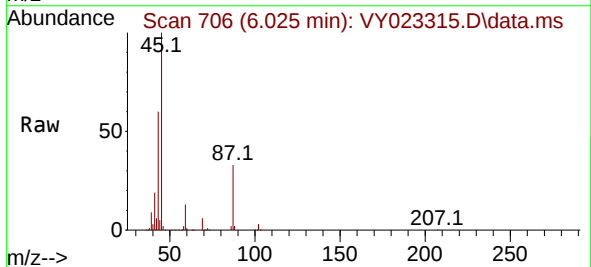
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

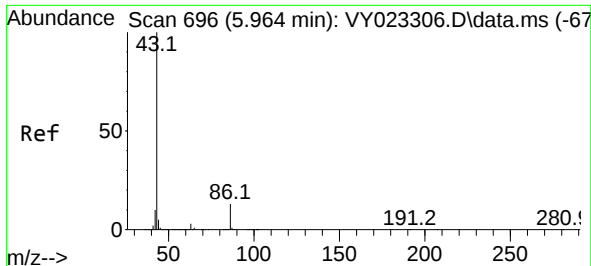
Tgt Ion: 96 Resp: 114125
Ion Ratio Lower Upper
96 100
61 118.1 104.8 157.2
98 61.2 50.1 75.1



#22
Diisopropyl ether
Concen: 20.077 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 45 Resp: 288366
Ion Ratio Lower Upper
45 100
43 59.7 43.4 65.0
87 32.6 24.4 36.6
59 12.5 10.2 15.4

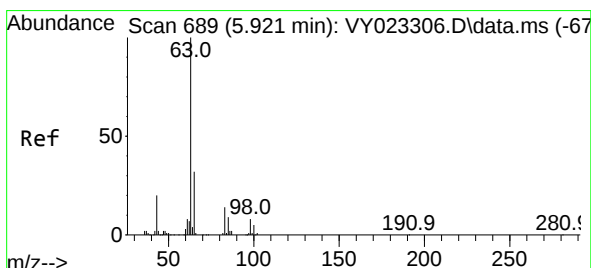
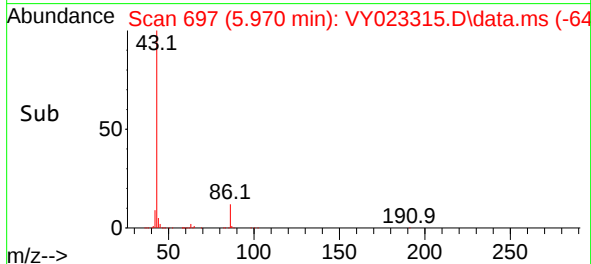
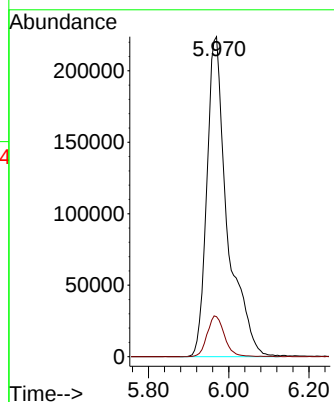
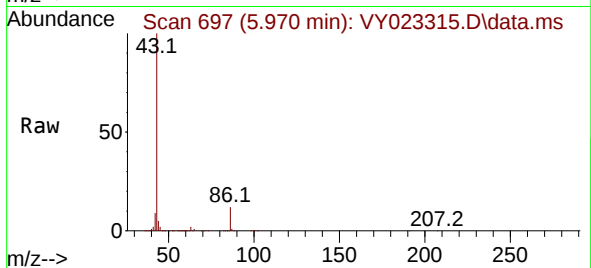




#23
 Vinyl Acetate
 Concen: 100.142 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.018 min
 Lab File: VY023315.D
 Acq: 09 Sep 2025 10:12

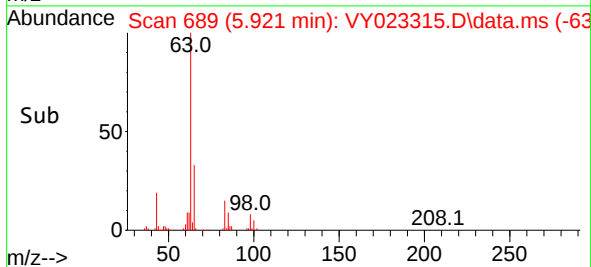
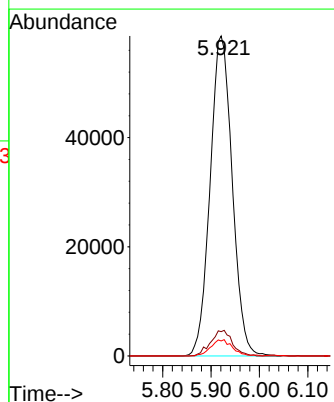
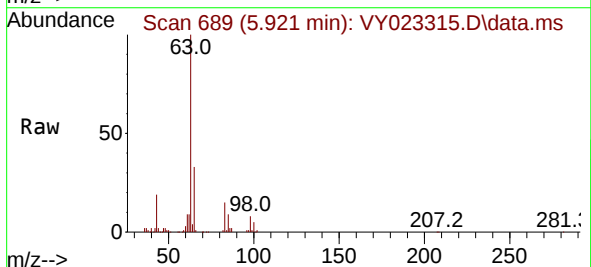
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

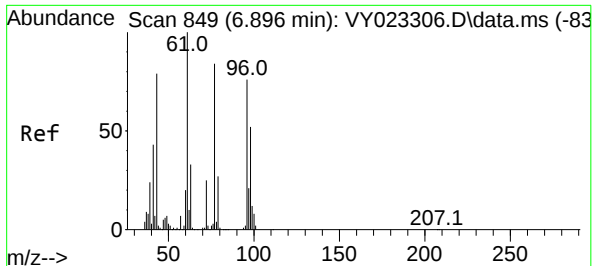
Tgt Ion: 43 Resp: 795186
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 19.846 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023315.D
 Acq: 09 Sep 2025 10:12

Tgt Ion: 63 Resp: 186447
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 102.112 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

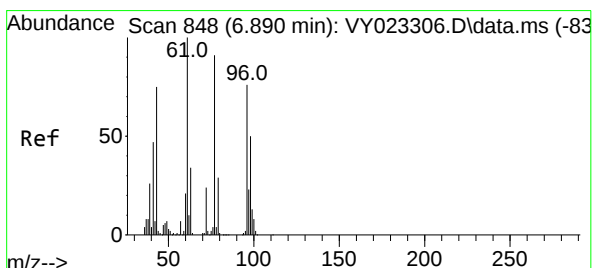
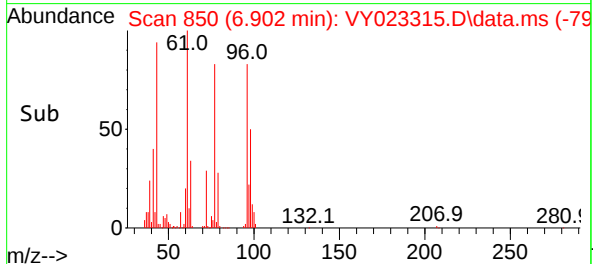
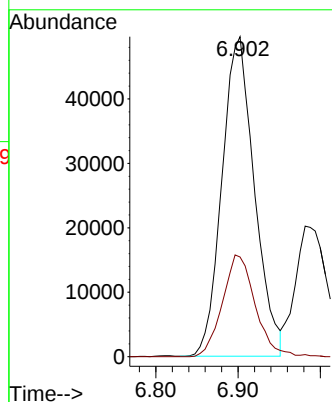
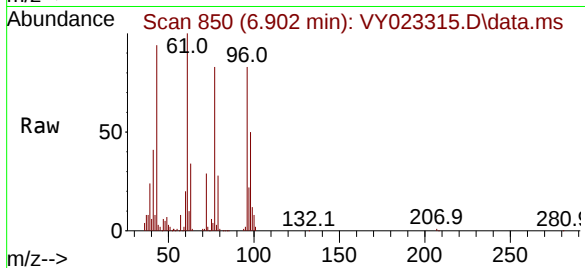
VY0909SBSD01

Tgt Ion: 43 Resp: 135996

Ion Ratio Lower Upper

43 100

72 31.2 23.5 35.3



#26

2,2-Dichloropropane

Concen: 19.625 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023315.D

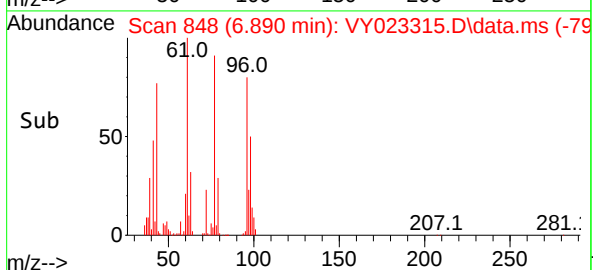
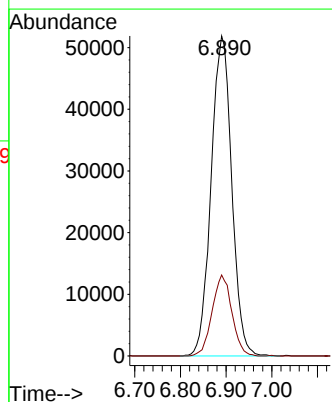
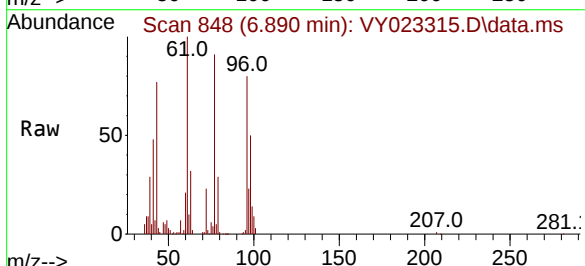
Acq: 09 Sep 2025 10:12

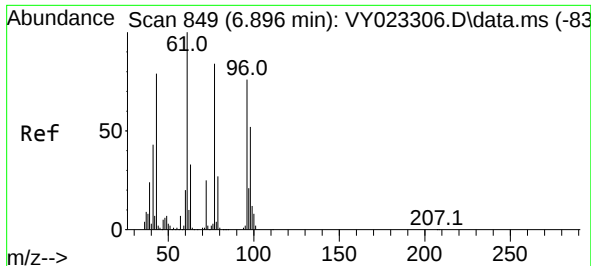
Tgt Ion: 77 Resp: 162792

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.8

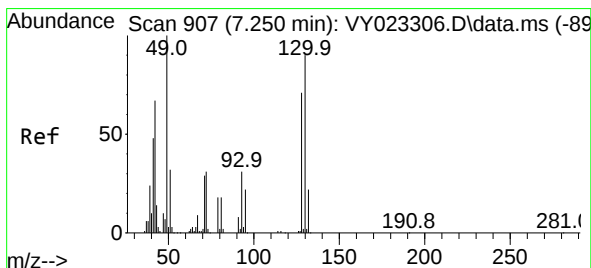
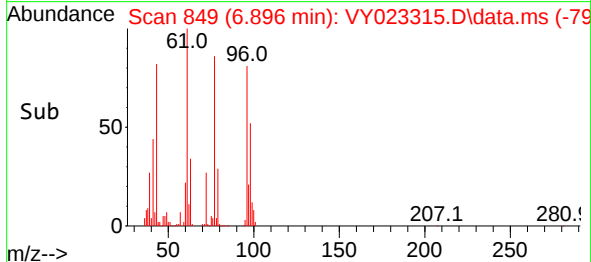
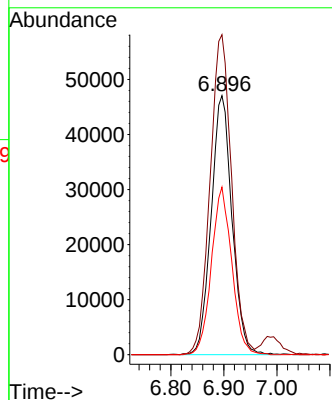
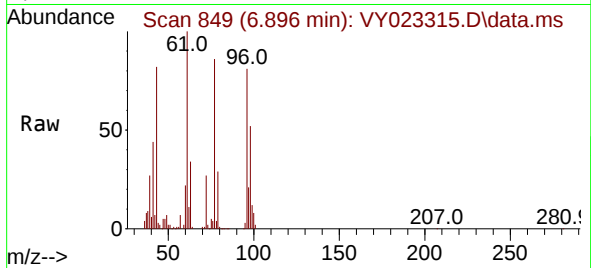




#27
 cis-1,2-Dichloroethene
 Concen: 19.937 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY023315.D
 Acq: 09 Sep 2025 10:12

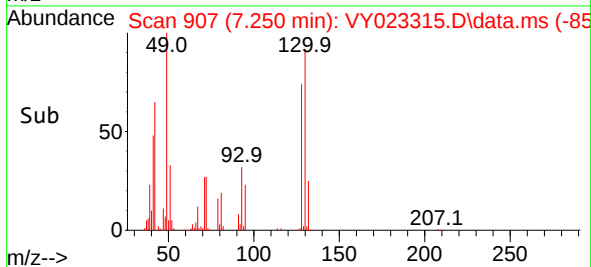
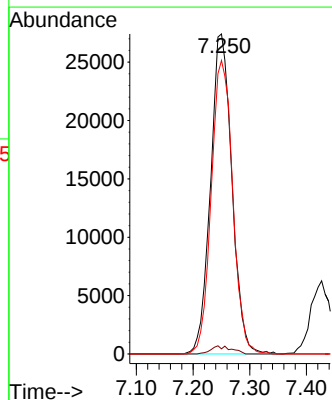
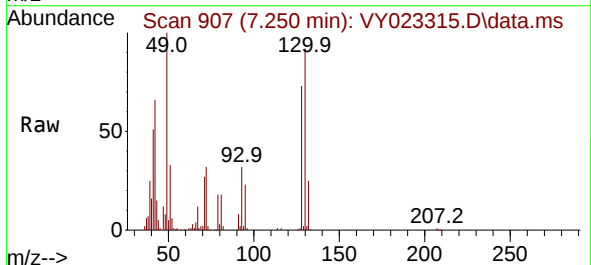
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

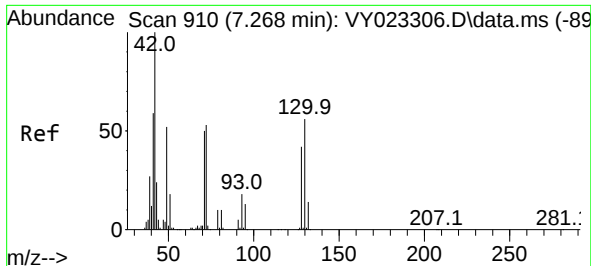
Tgt Ion: 96 Resp: 128792
 Ion Ratio Lower Upper
 96 100
 61 127.2 0.0 278.6
 98 63.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 19.455 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023315.D
 Acq: 09 Sep 2025 10:12

Tgt Ion: 49 Resp: 71917
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 91.8 66.4 99.6





#29

Tetrahydrofuran

Concen: 101.206 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

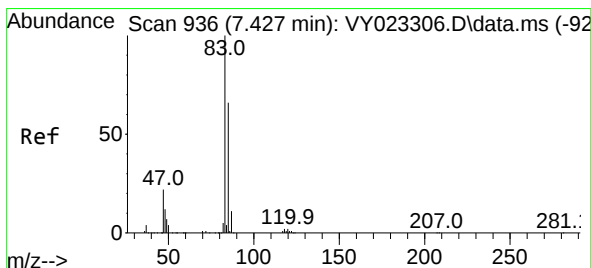
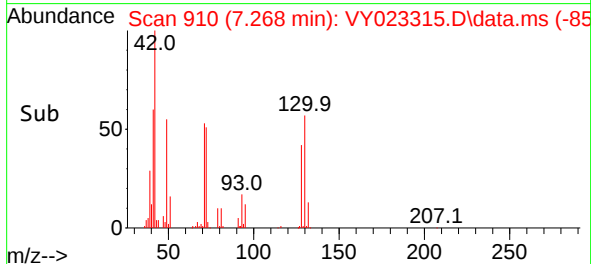
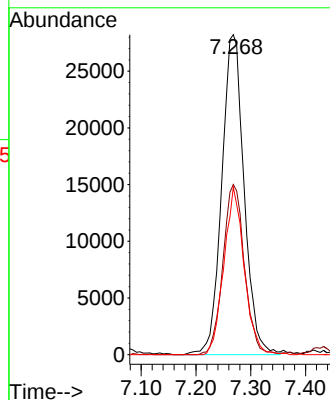
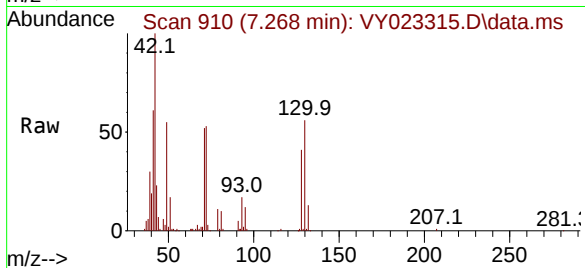
Tgt Ion: 42 Resp: 79950

Ion Ratio Lower Upper

42 100

72 51.2 39.4 59.2

71 47.6 36.5 54.7



#30

Chloroform

Concen: 19.786 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY023315.D

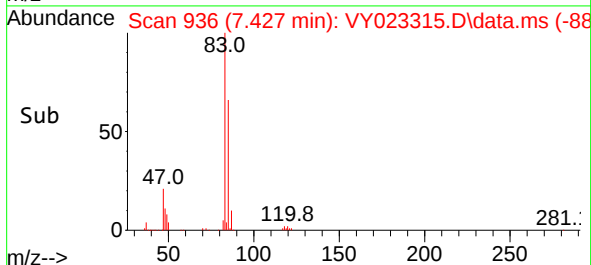
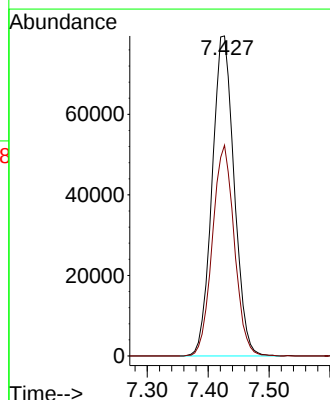
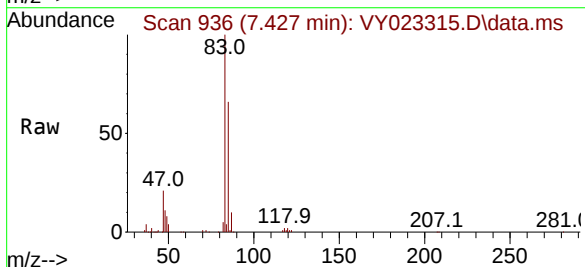
Acq: 09 Sep 2025 10:12

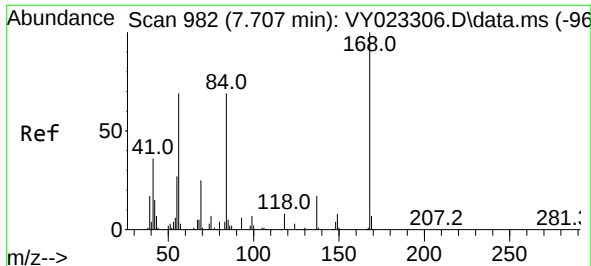
Tgt Ion: 83 Resp: 199721

Ion Ratio Lower Upper

83 100

85 65.8 53.8 80.8

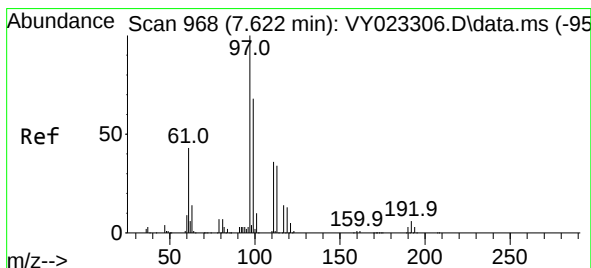
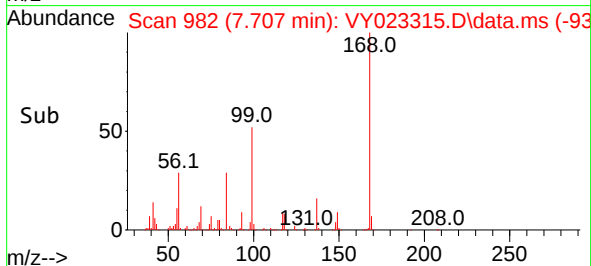
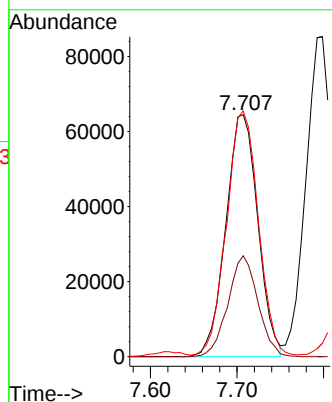
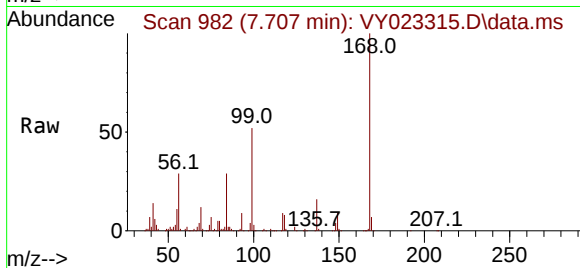




#31
Cyclohexane
Concen: 19.928 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

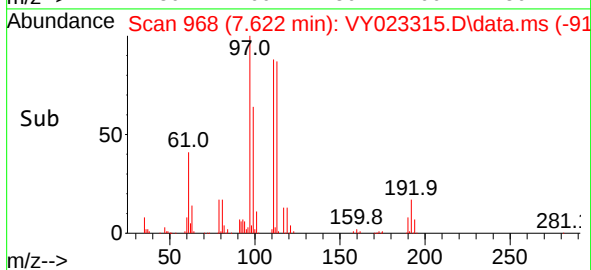
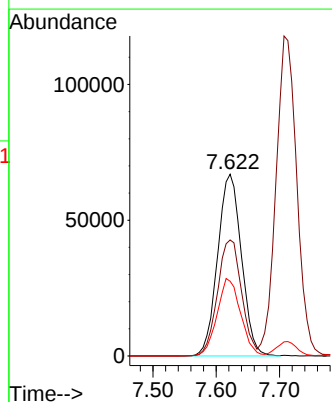
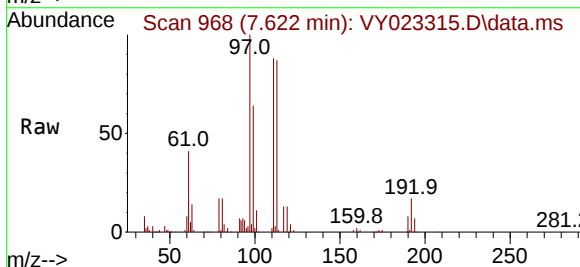
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

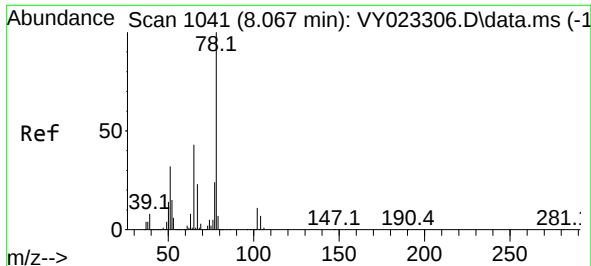
Tgt Ion: 56 Resp: 165666
Ion Ratio Lower Upper
56 100
69 41.7 28.2 42.2
84 99.8 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 19.400 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 97 Resp: 174958
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 42.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.504 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

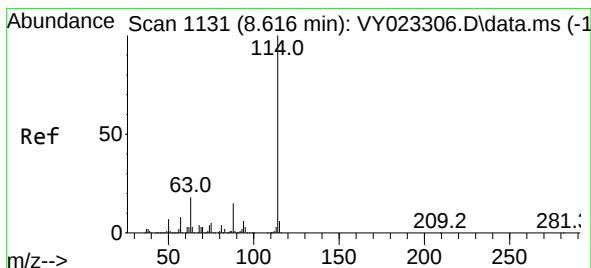
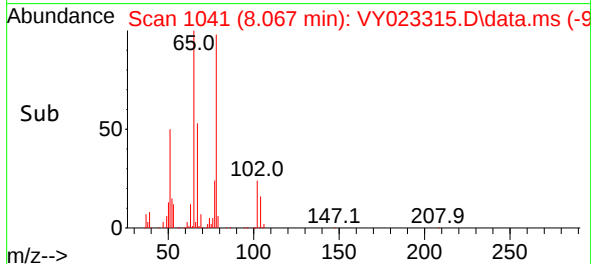
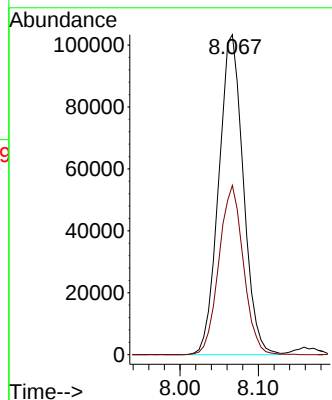
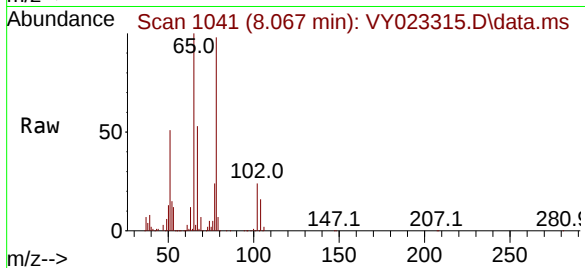
VY0909SBS01

Tgt Ion: 65 Resp: 225674

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

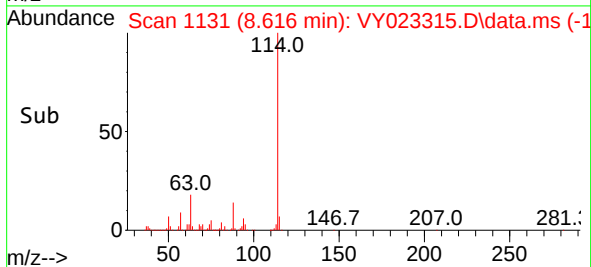
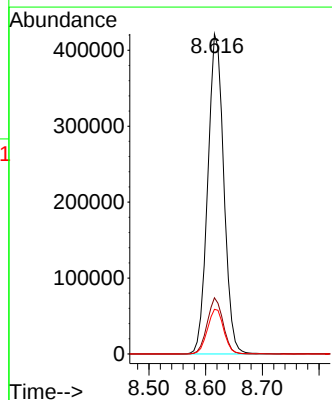
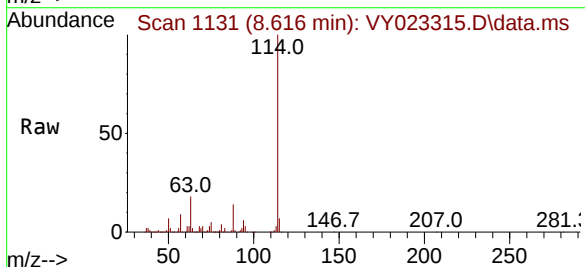
Tgt Ion: 114 Resp: 826793

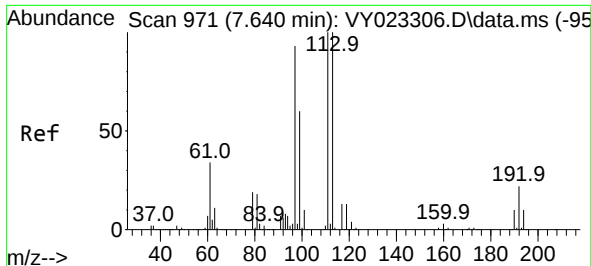
Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

88 13.9 0.0 30.0

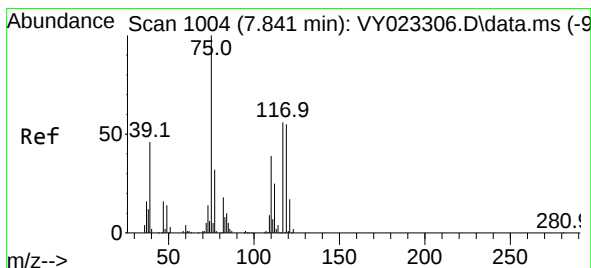
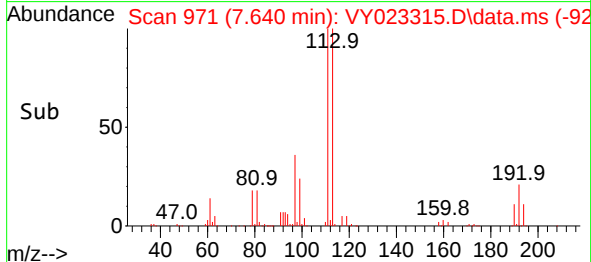
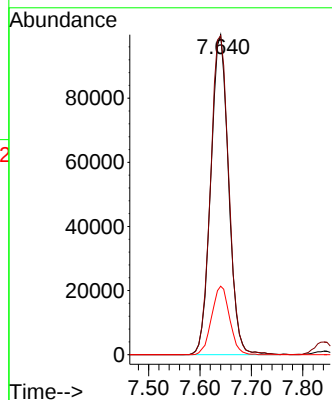
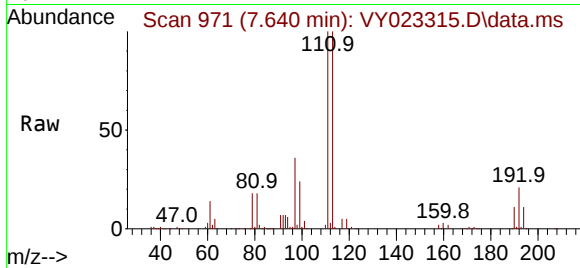




#35
Dibromofluoromethane
Concen: 47.439 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

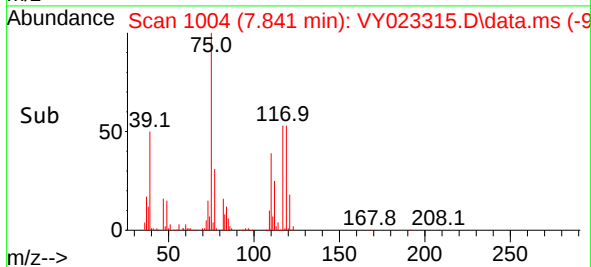
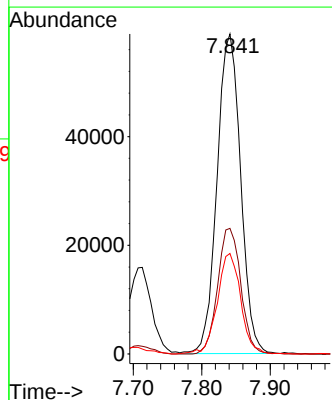
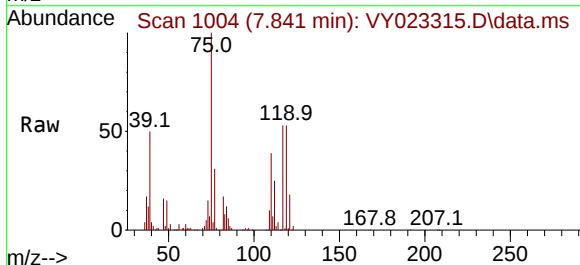
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

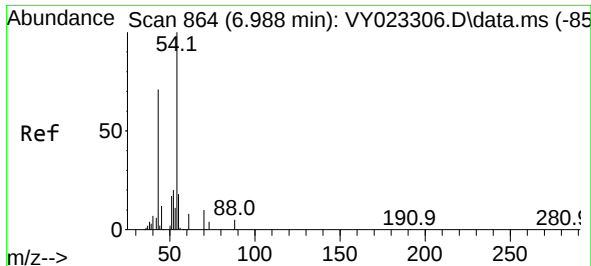
Tgt Ion:113 Resp: 239751
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 21.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.529 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 75 Resp: 140572
Ion Ratio Lower Upper
75 100
110 38.6 18.1 54.4
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 19.702 ug/l

RT: 6.982 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

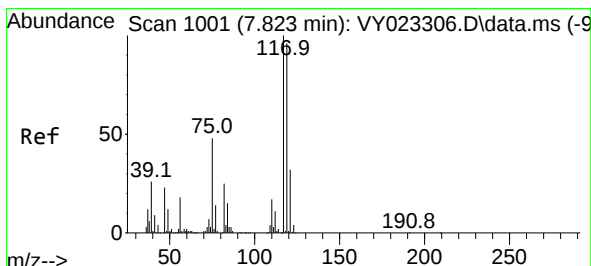
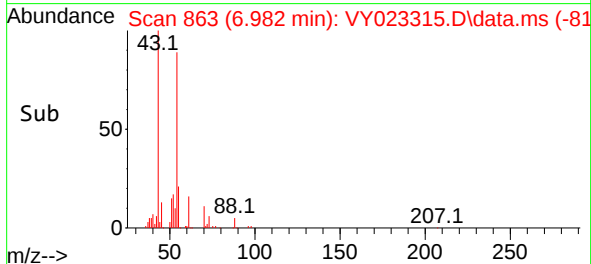
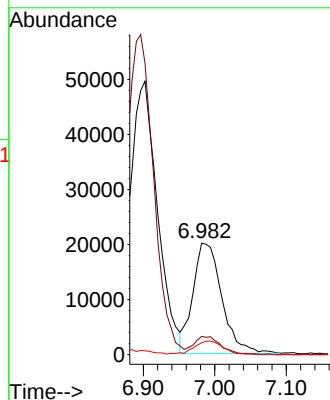
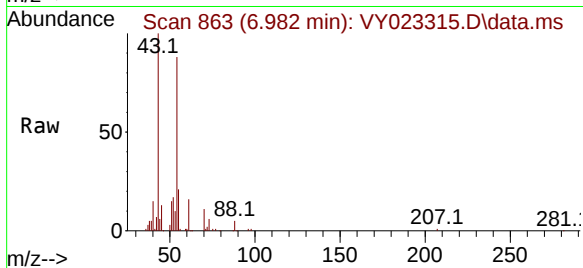
Tgt Ion: 43 Resp: 56415

Ion Ratio Lower Upper

43 100

61 15.6 11.9 17.9

70 12.6 8.8 13.2



#38

Carbon Tetrachloride

Concen: 19.377 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

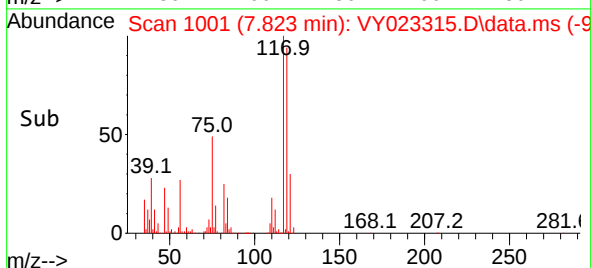
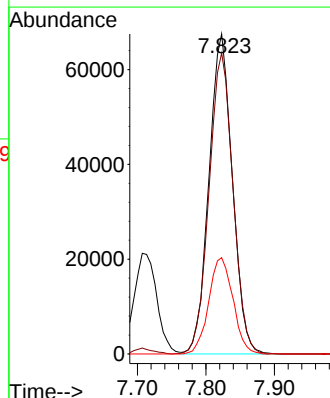
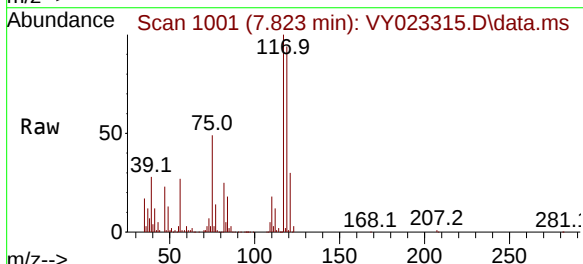
Tgt Ion: 117 Resp: 160493

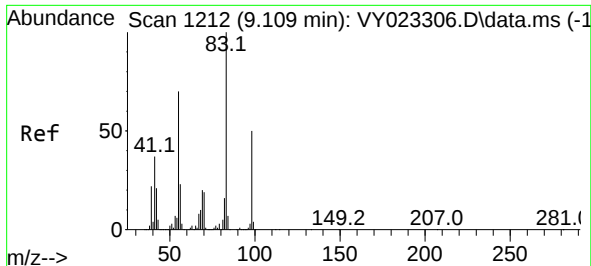
Ion Ratio Lower Upper

117 100

119 94.0 75.6 113.4

121 30.1 25.8 38.8





#39

Methylcyclohexane

Concen: 19.831 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBSD01

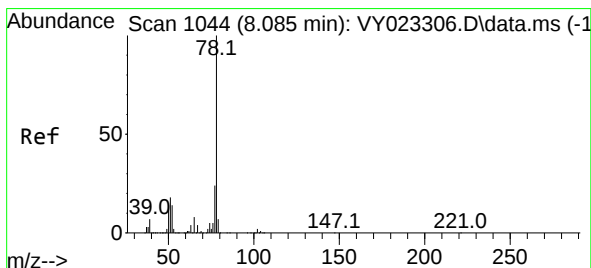
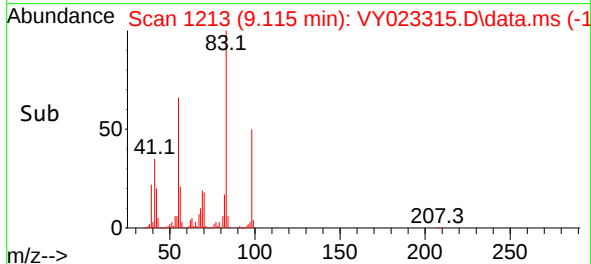
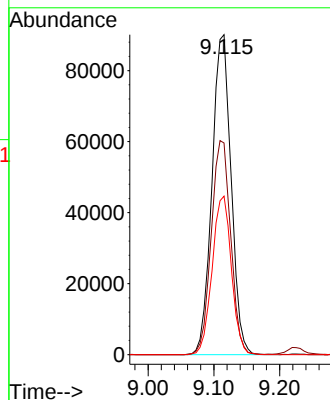
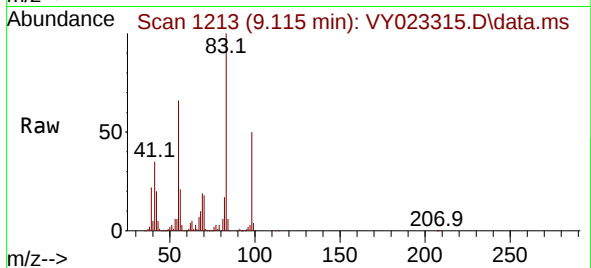
Tgt Ion: 83 Resp: 182620

Ion Ratio Lower Upper

83 100

55 66.1 57.6 86.4

98 49.5 39.2 58.8



#40

Benzene

Concen: 19.800 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023315.D

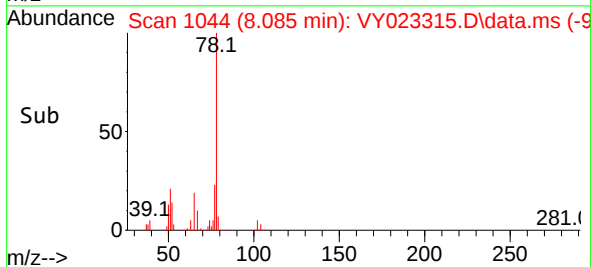
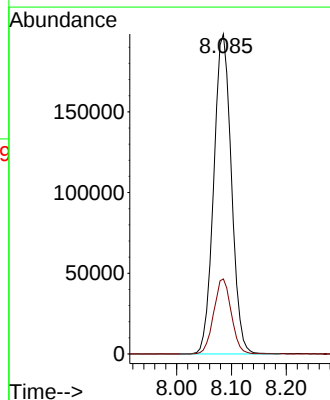
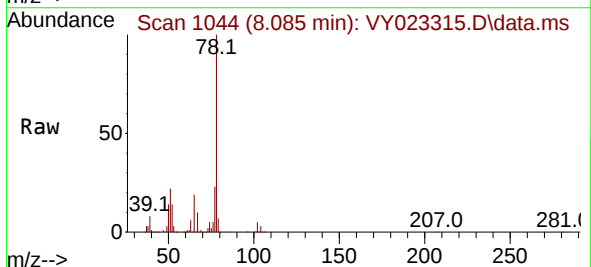
Acq: 09 Sep 2025 10:12

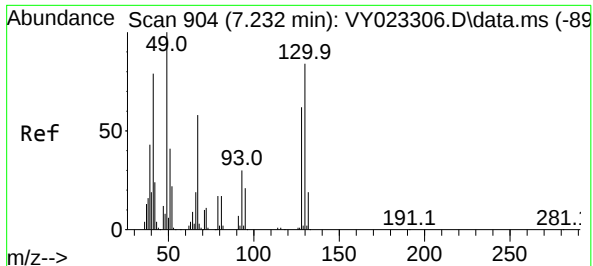
Tgt Ion: 78 Resp: 443016

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0

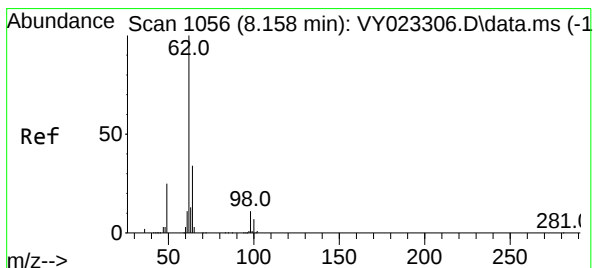
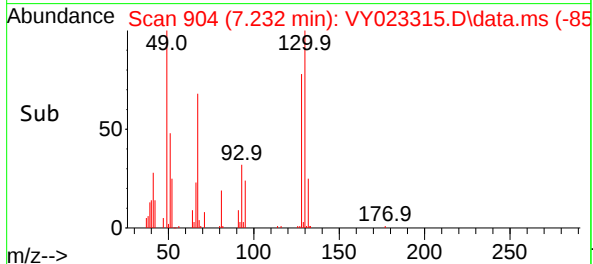
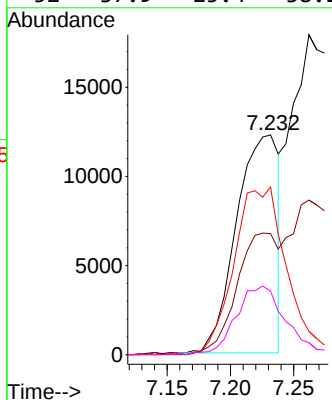
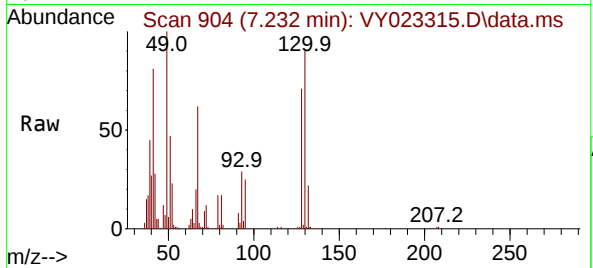




#41
Methacrylonitrile
Concen: 19.176 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

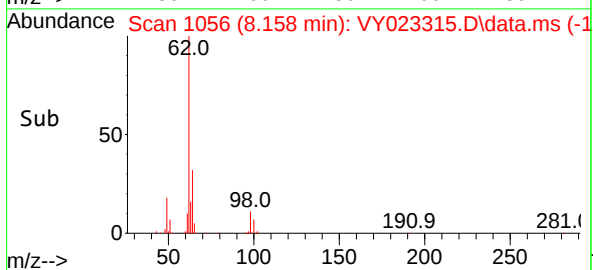
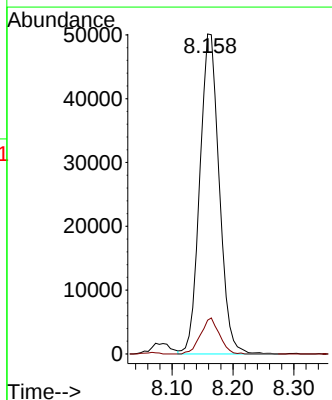
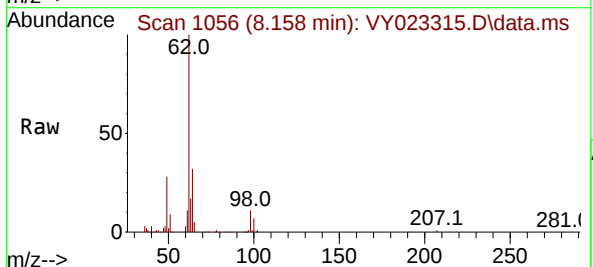
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

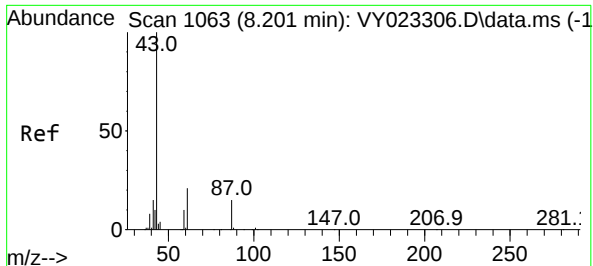
Tgt Ion:	41	Resp:	28434
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.4	65.2
67	95.8	63.6	95.4#
52	37.9	25.4	38.2



#42
1,2-Dichloroethane
Concen: 19.492 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion:	62	Resp:	111036
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.711 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

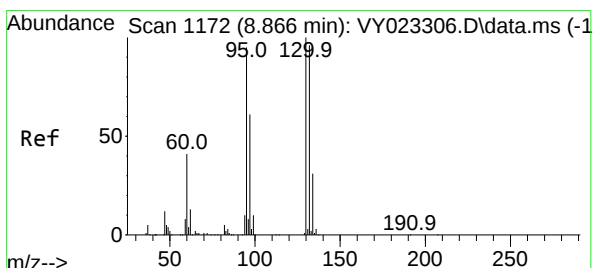
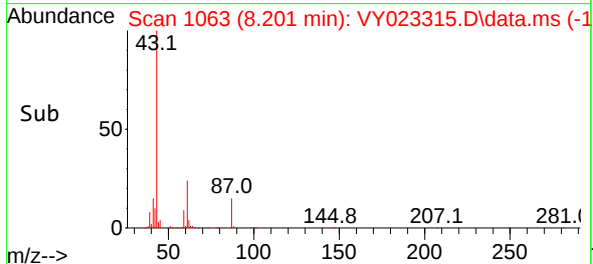
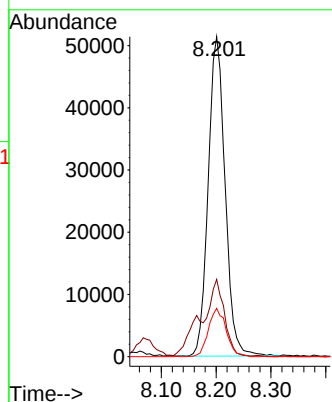
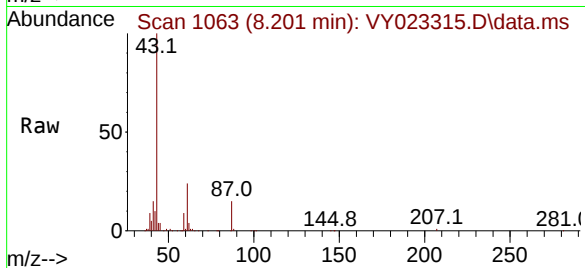
Tgt Ion: 43 Resp: 109776

Ion Ratio Lower Upper

43 100

61 21.6 16.4 24.6

87 15.9 11.8 17.6



#44

Trichloroethene

Concen: 19.588 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.012 min

Lab File: VY023315.D

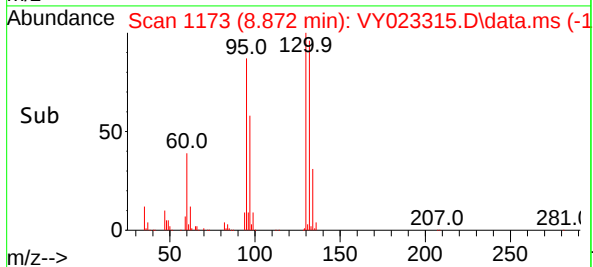
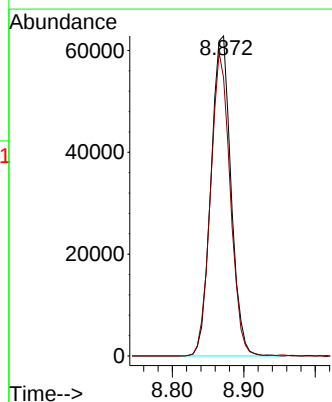
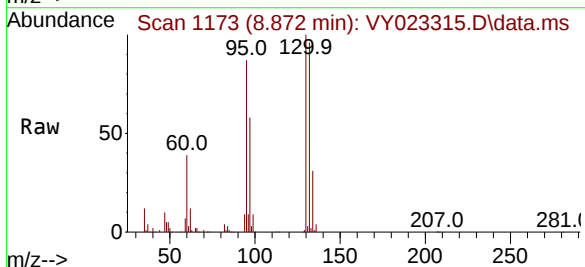
Acq: 09 Sep 2025 10:12

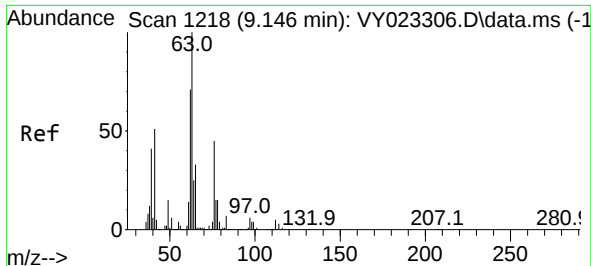
Tgt Ion:130 Resp: 122071

Ion Ratio Lower Upper

130 100

95 87.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.069 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

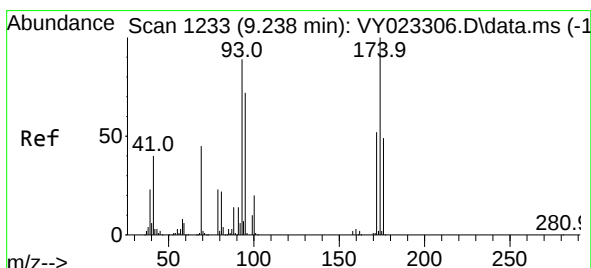
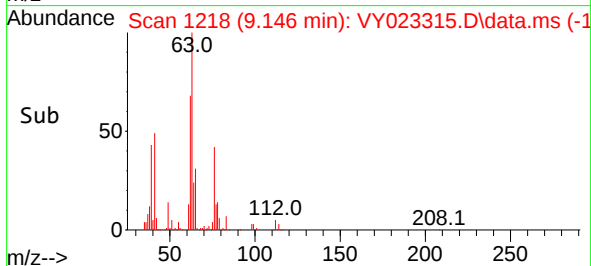
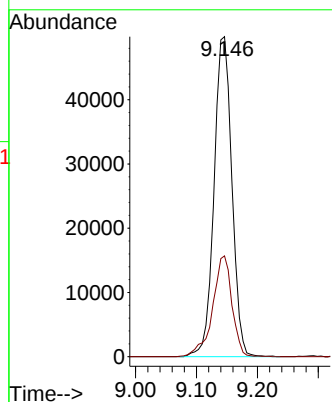
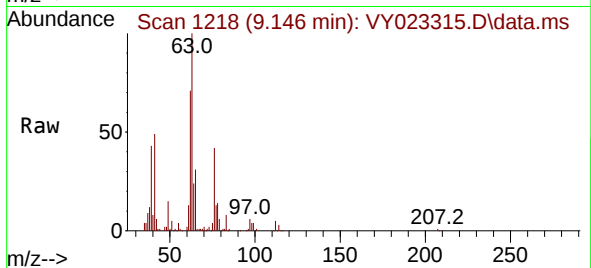
VY0909SBSD01

Tgt Ion: 63 Resp: 101409

Ion Ratio Lower Upper

63 100

65 31.5 25.3 37.9



#46

Dibromomethane

Concen: 19.667 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

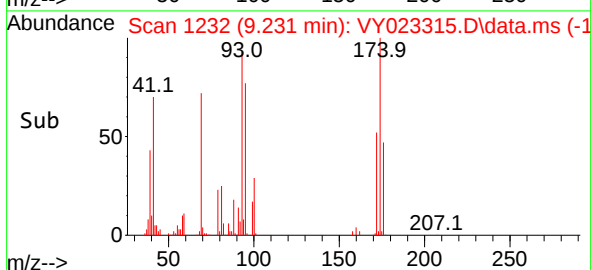
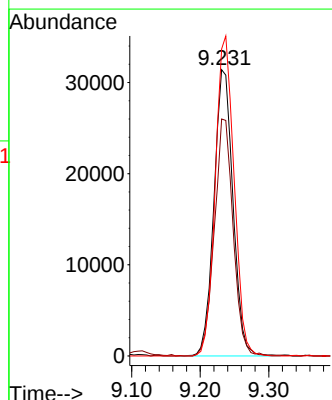
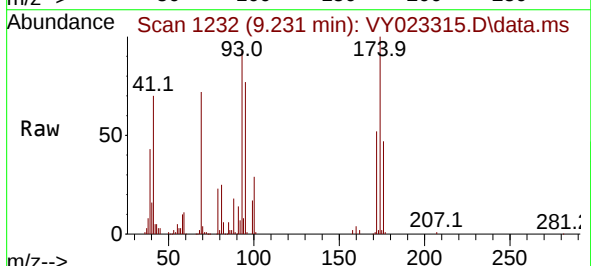
Tgt Ion: 93 Resp: 60520

Ion Ratio Lower Upper

93 100

95 81.5 66.5 99.7

174 110.0 81.8 122.8

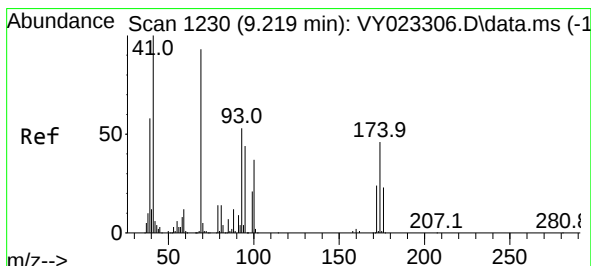
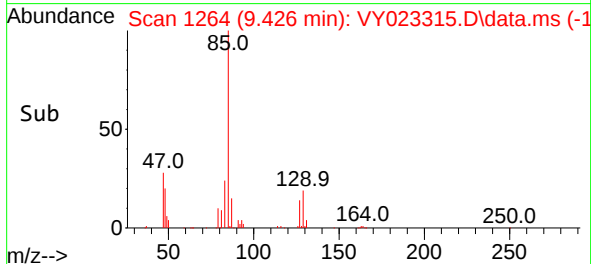
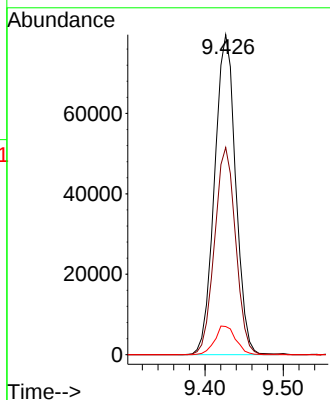
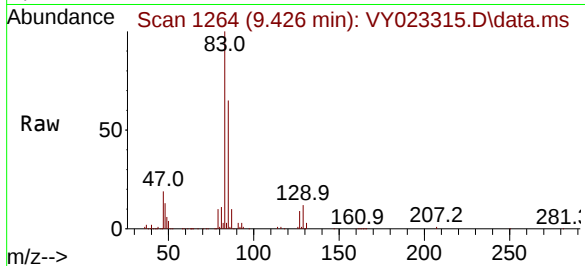




#47
Bromodichloromethane
Concen: 19.222 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

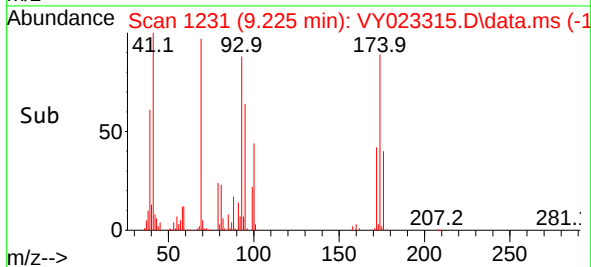
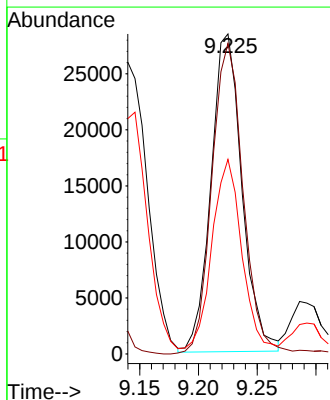
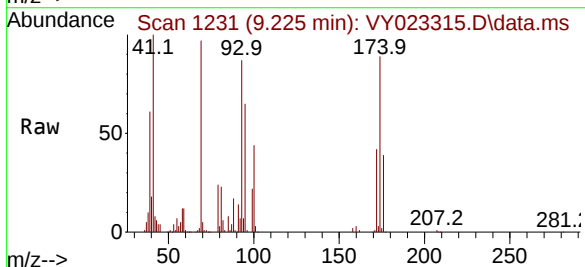
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

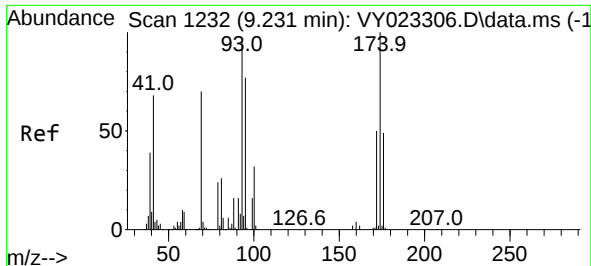
Tgt Ion: 83 Resp: 148808
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 20.061 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 41 Resp: 52075
Ion Ratio Lower Upper
41 100
69 99.6 73.2 109.8
39 57.1 47.0 70.4





#49

1,4-Dioxane

Concen: 421.965 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

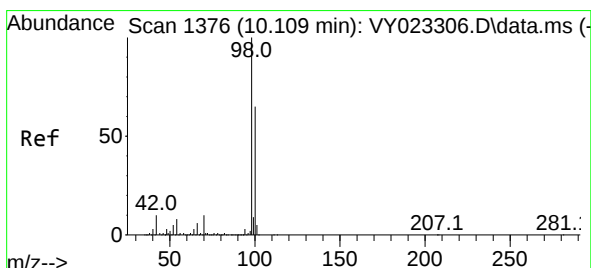
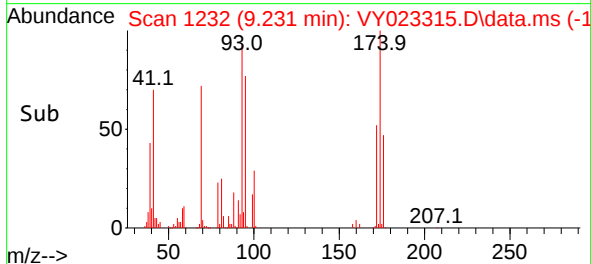
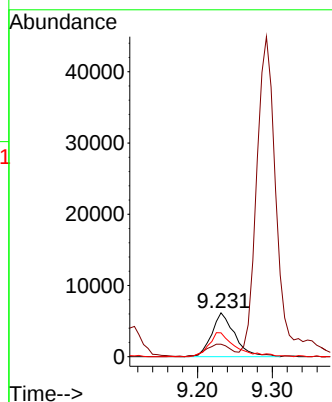
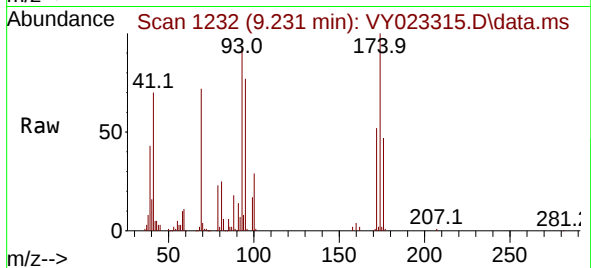
Tgt Ion: 88 Resp: 13181

Ion Ratio Lower Upper

88 100

43 31.3 24.3 36.5

58 62.6 55.4 83.0



#50

Toluene-d8

Concen: 48.031 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023315.D

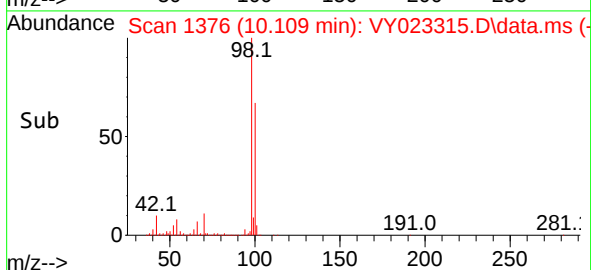
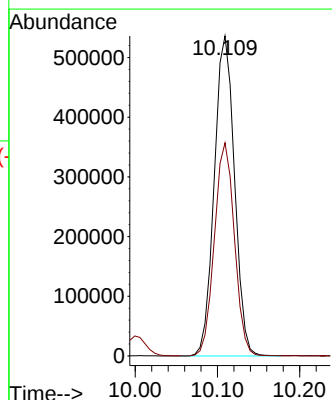
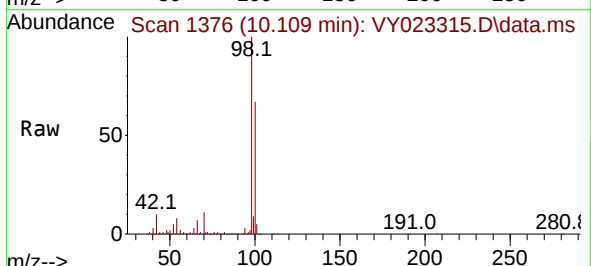
Acq: 09 Sep 2025 10:12

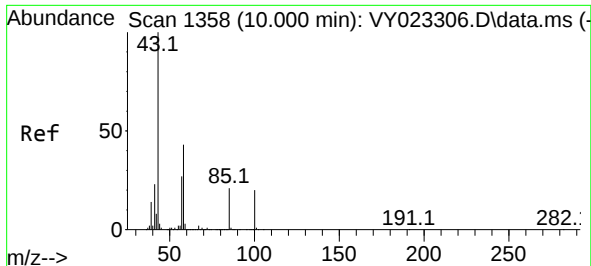
Tgt Ion: 98 Resp: 916606

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

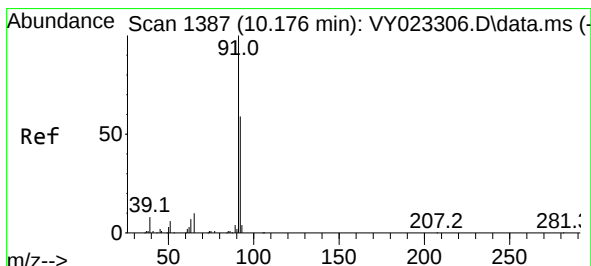
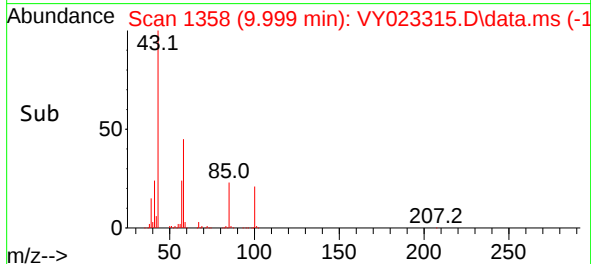
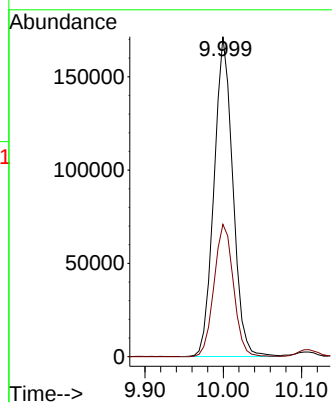
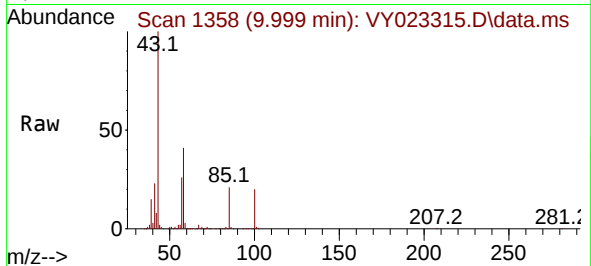




#51
4-Methyl-2-Pentanone
Concen: 100.613 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

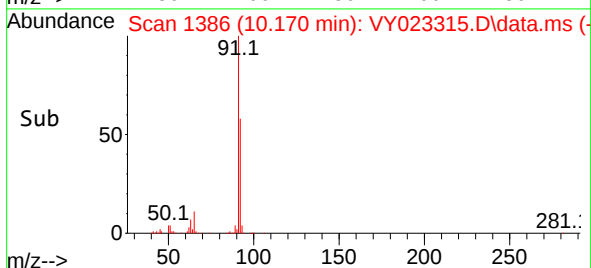
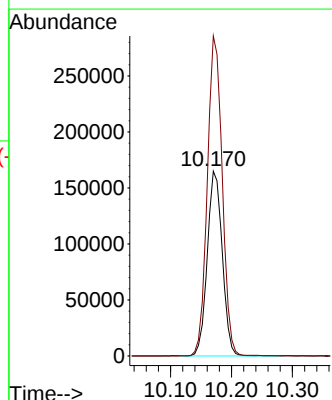
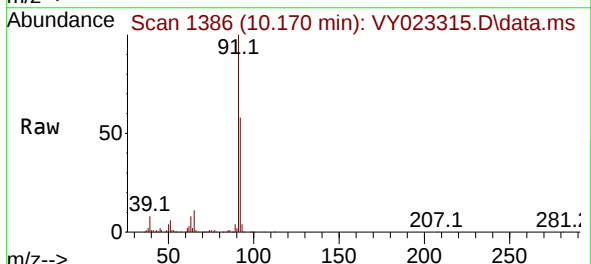
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

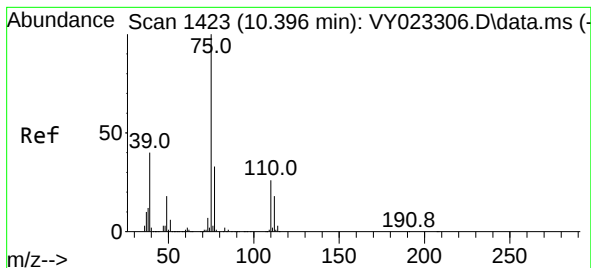
Tgt Ion: 43 Resp: 286671
Ion Ratio Lower Upper
43 100
58 42.7 33.5 50.3



#52
Toluene
Concen: 19.815 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 92 Resp: 281350
Ion Ratio Lower Upper
92 100
91 172.8 136.4 204.6

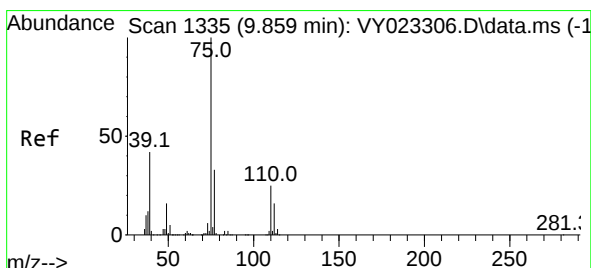
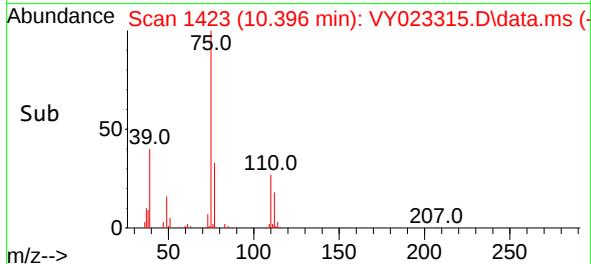
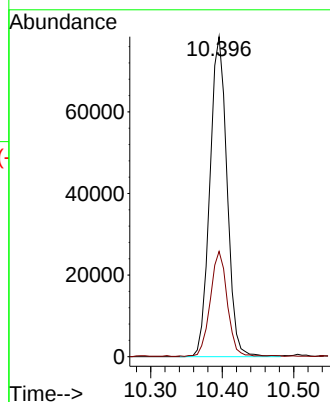
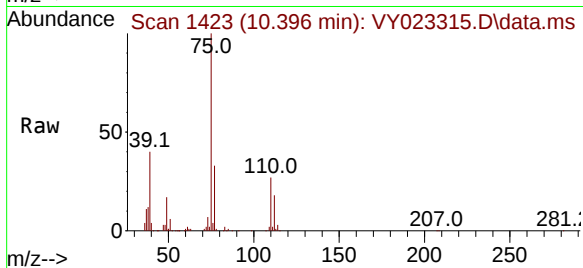




#53
 t-1,3-Dichloropropene
 Concen: 19.623 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023315.D
 Acq: 09 Sep 2025 10:12

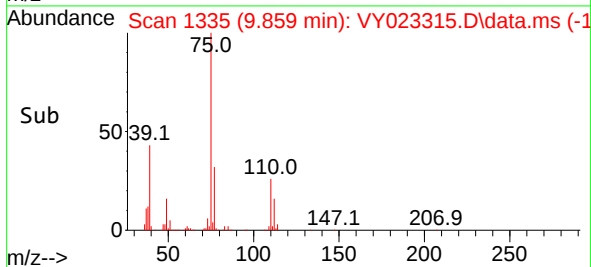
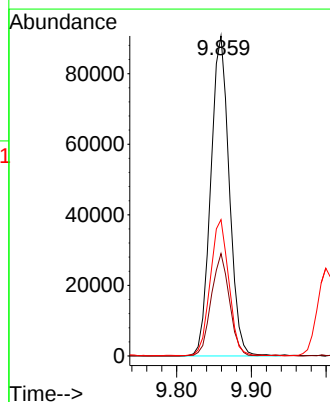
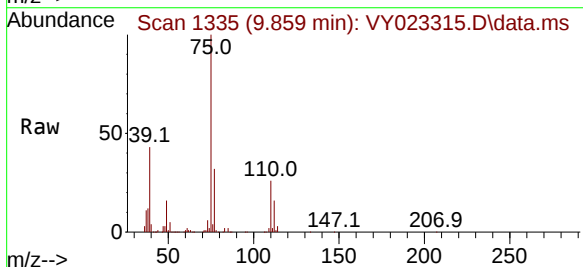
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

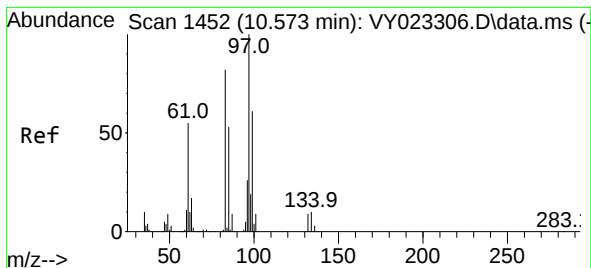
Tgt Ion: 75 Resp: 130791
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.549 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023315.D
 Acq: 09 Sep 2025 10:12

Tgt Ion: 75 Resp: 155694
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 42.5 35.6 53.4

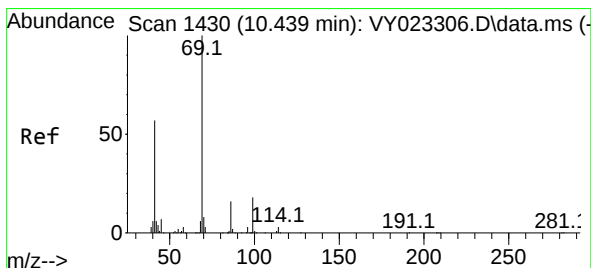
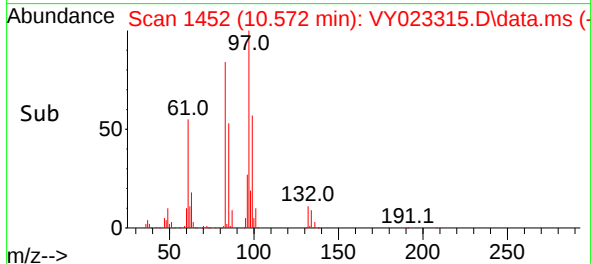
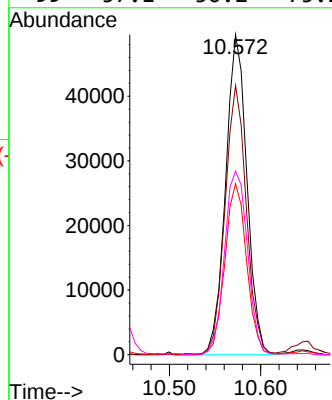
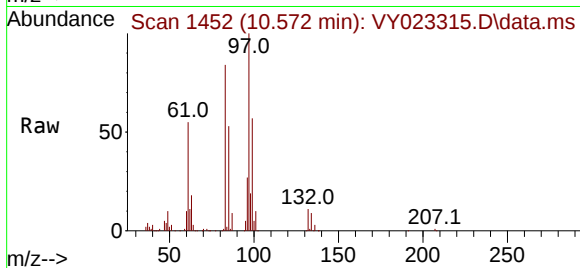




#55
1,1,2-Trichloroethane
Concen: 19.644 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

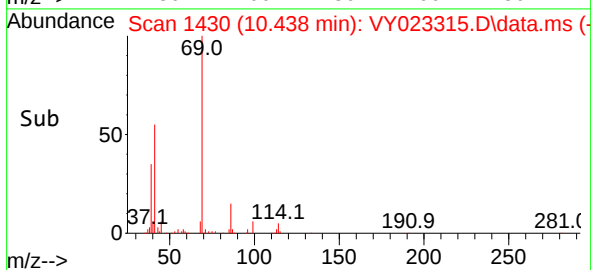
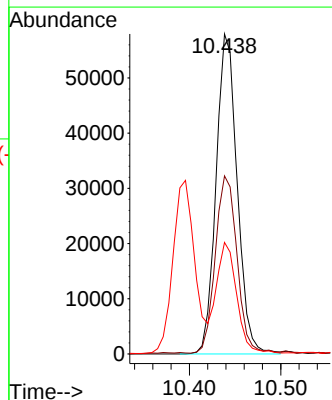
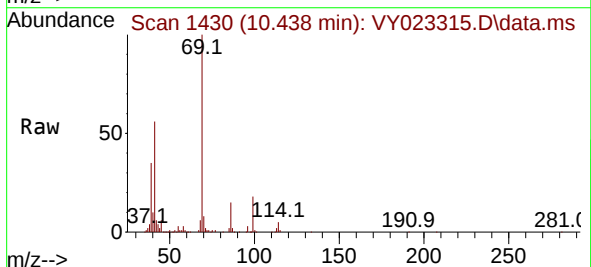
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

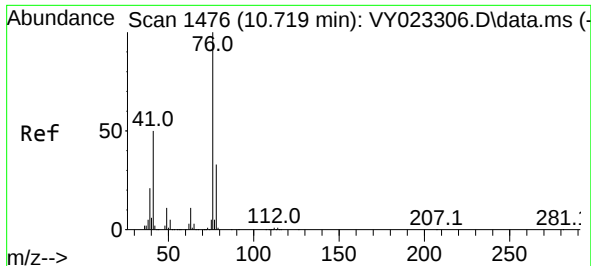
Tgt Ion: 97	Resp: 80411
Ion Ratio	Lower Upper
97 100	
83 84.1	67.7 101.5
85 53.4	44.5 66.7
99 57.1	50.2 75.2



#56
Ethyl methacrylate
Concen: 19.645 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 69	Resp: 93164
Ion Ratio	Lower Upper
69 100	
41 56.9	48.6 72.8
39 32.8	27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.795 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

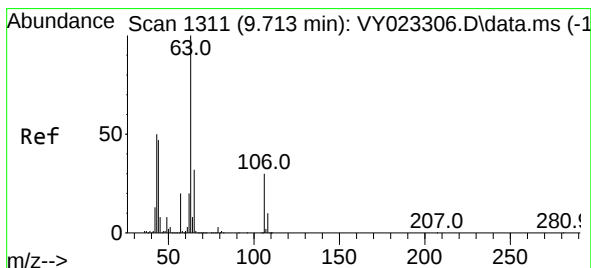
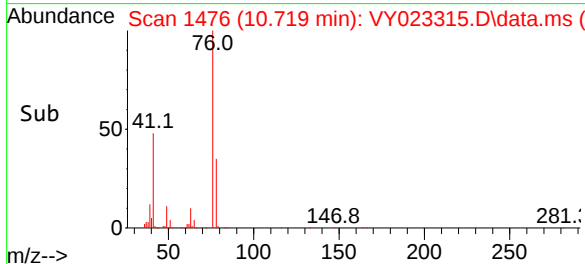
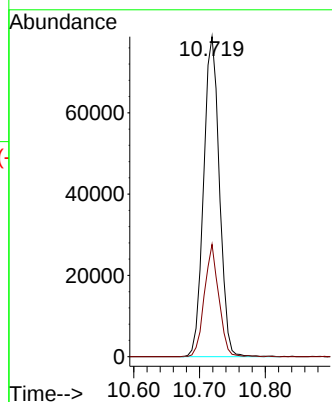
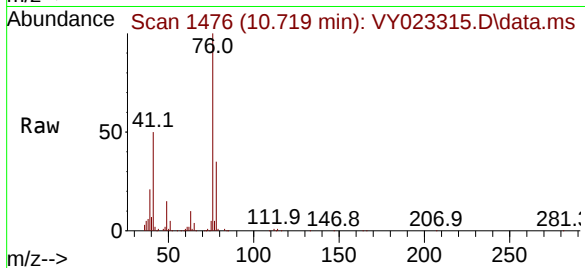
VY0909SBSD01

Tgt Ion: 76 Resp: 131545

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.532 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023315.D

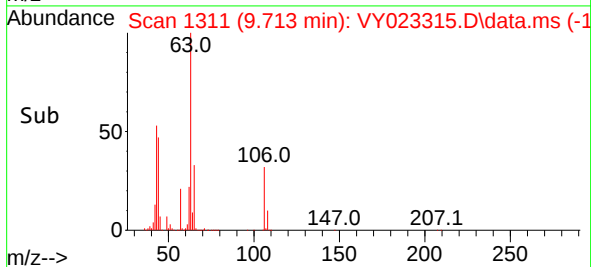
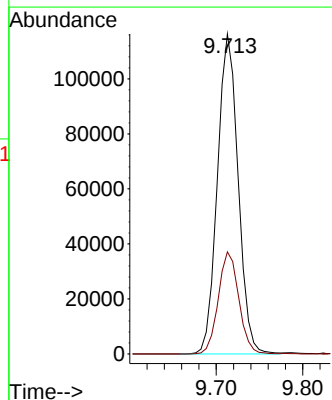
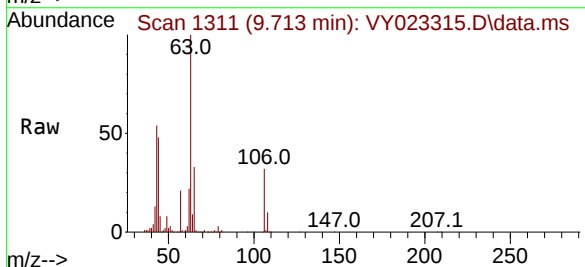
Acq: 09 Sep 2025 10:12

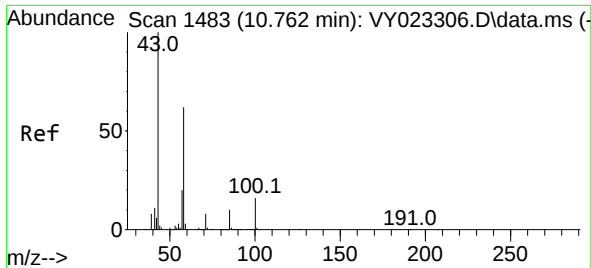
Tgt Ion: 63 Resp: 193326

Ion Ratio Lower Upper

63 100

106 31.6 23.2 34.8

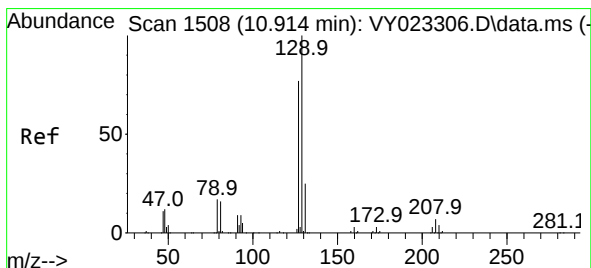
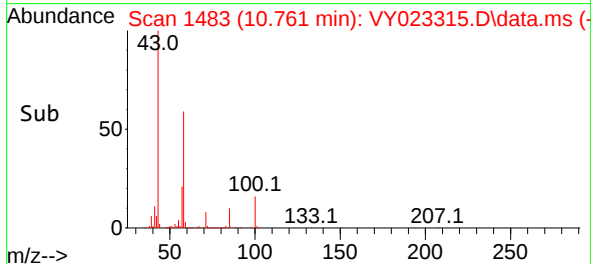
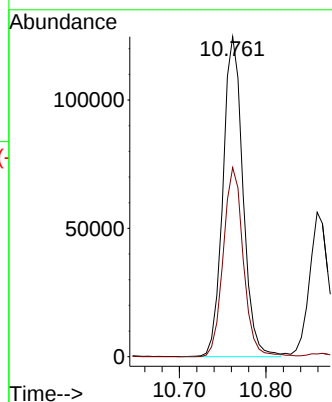
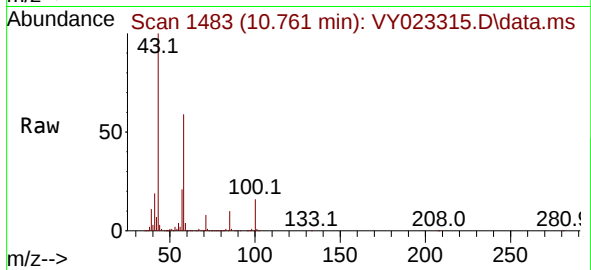




#59
2-Hexanone
Concen: 101.515 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

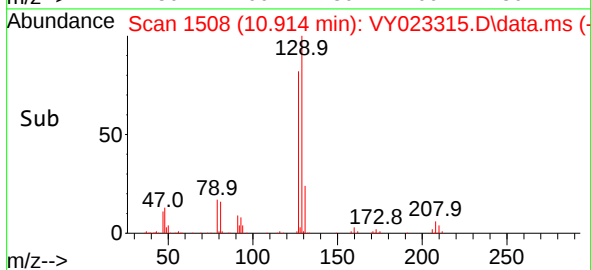
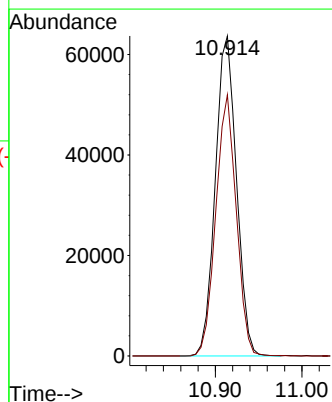
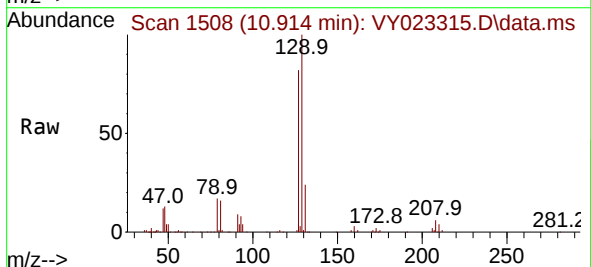
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

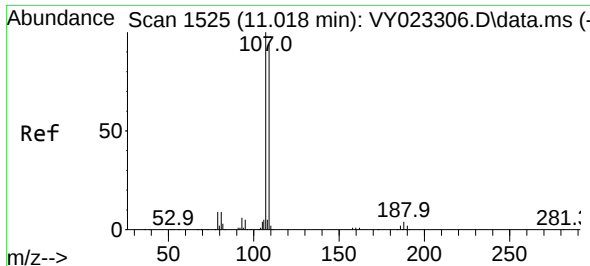
Tgt Ion: 43 Resp: 199953
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 19.479 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 129 Resp: 108187
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.5

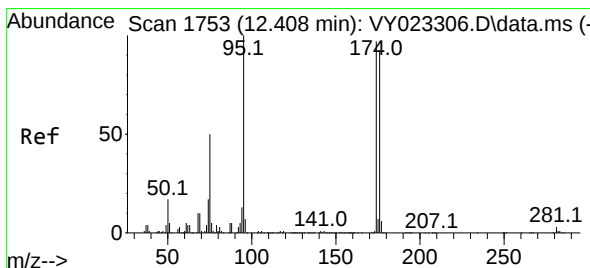
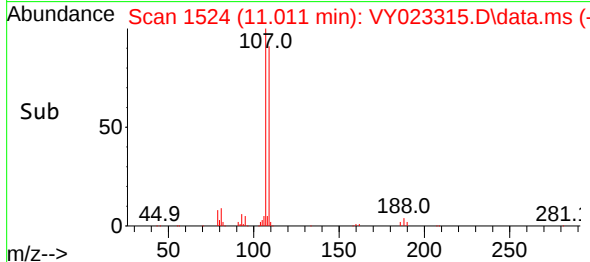
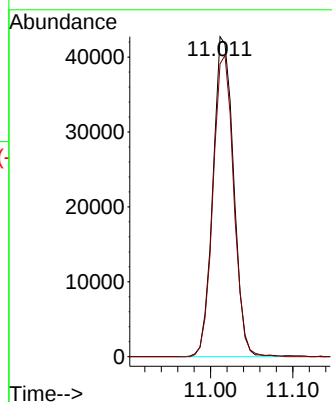
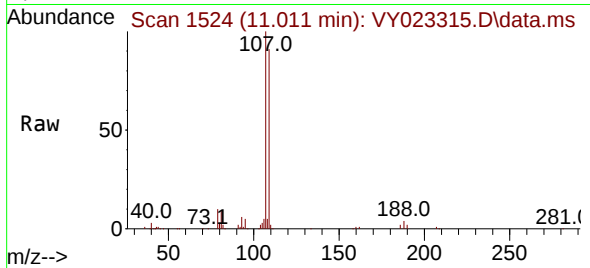




#61
1,2-Dibromoethane
Concen: 19.354 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

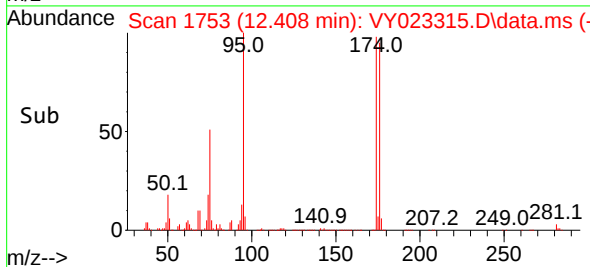
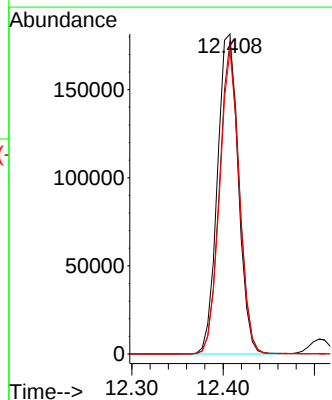
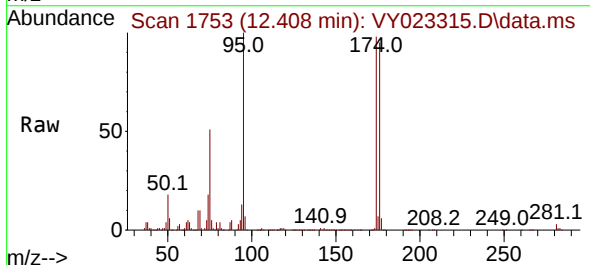
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

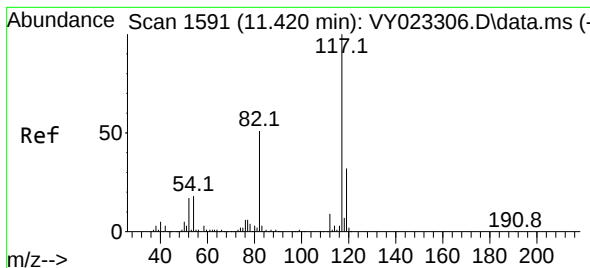
Tgt Ion:107 Resp: 74237
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.085 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 95 Resp: 288780
Ion Ratio Lower Upper
95 100
174 92.3 0.0 171.6
176 88.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBSD01

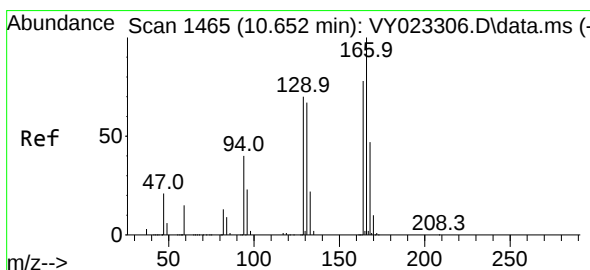
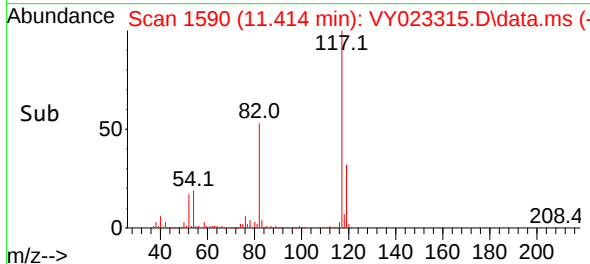
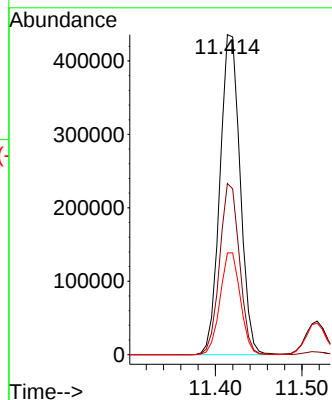
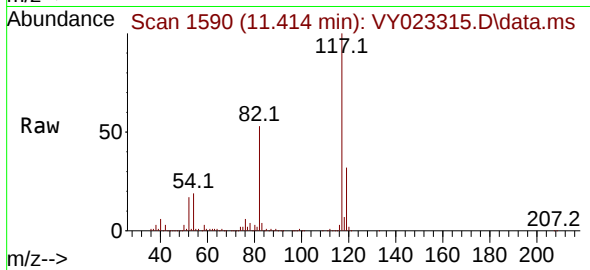
Tgt Ion:117 Resp: 707572

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 20.104 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Tgt Ion:164 Resp: 141779

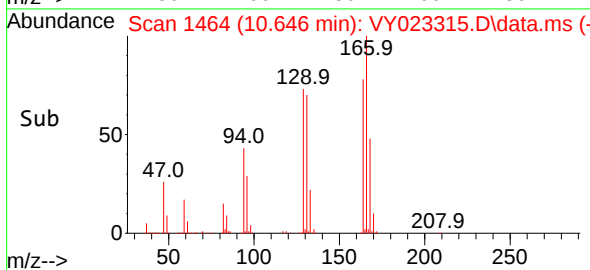
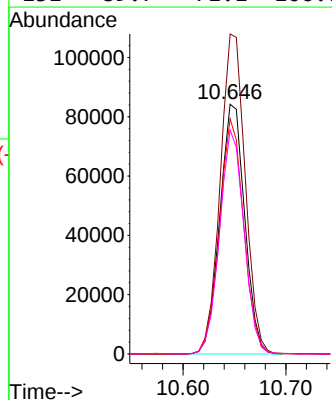
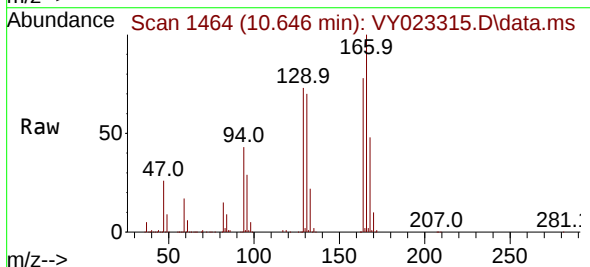
Ion Ratio Lower Upper

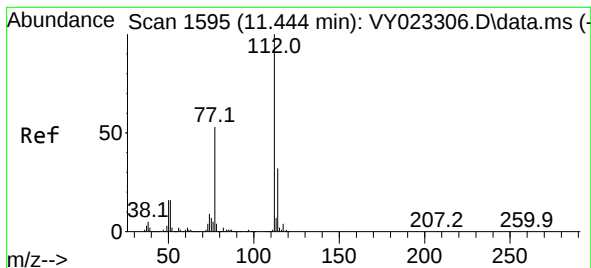
164 100

166 128.1 101.1 151.7

129 94.1 74.0 111.0

131 89.7 71.1 106.7

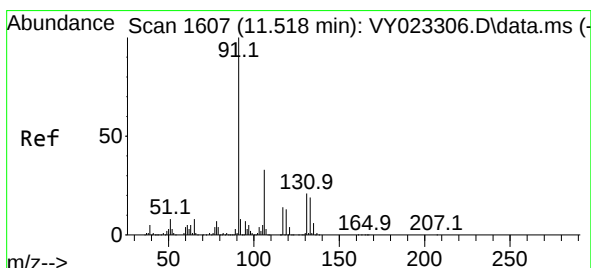
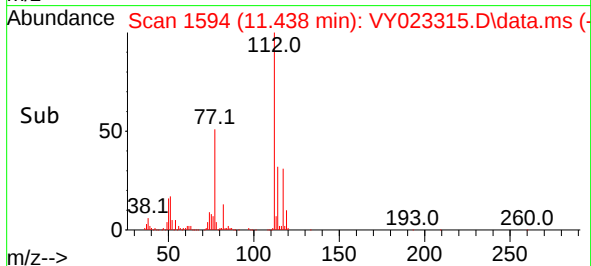
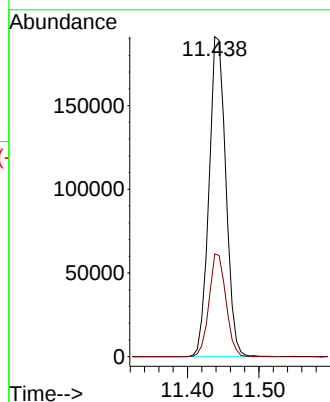
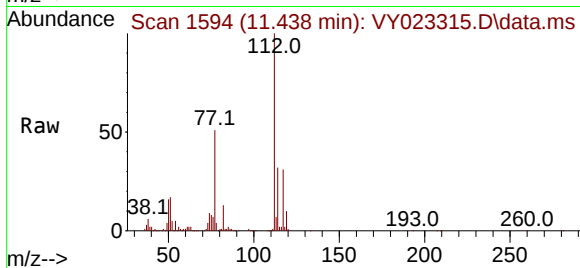




#65
Chlorobenzene
Concen: 20.152 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

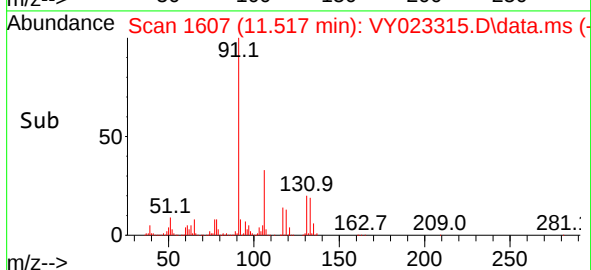
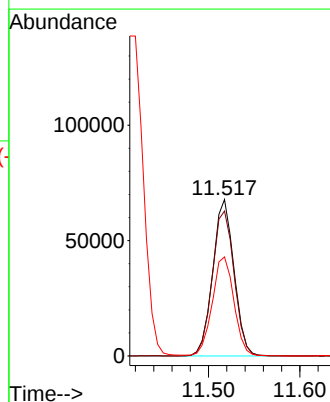
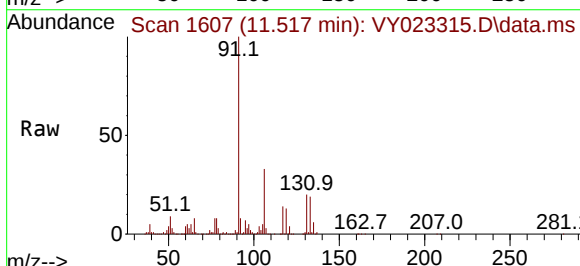
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

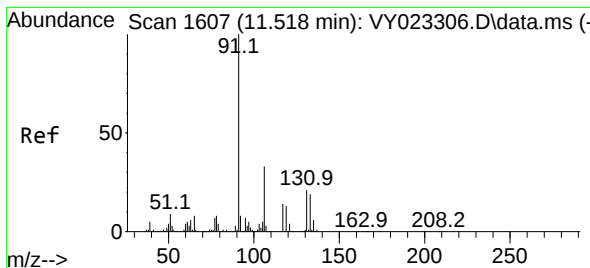
Tgt Ion:112 Resp: 312377
Ion Ratio Lower Upper
112 100
114 32.1 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.093 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion:131 Resp: 109323
Ion Ratio Lower Upper
131 100
133 95.7 46.9 140.6
119 64.7 33.2 99.6

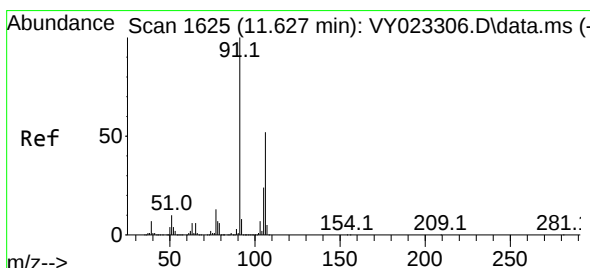
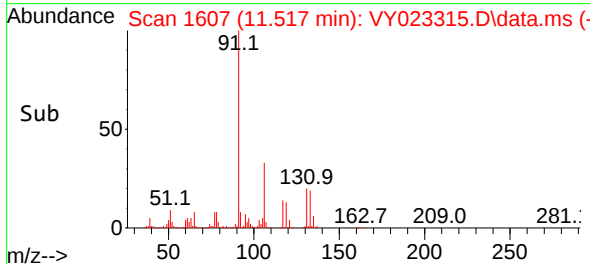
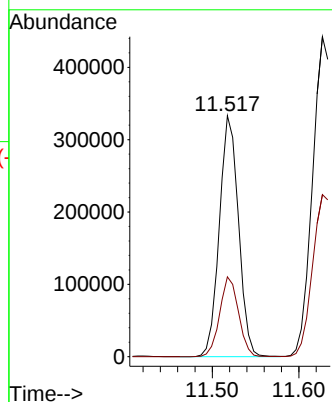
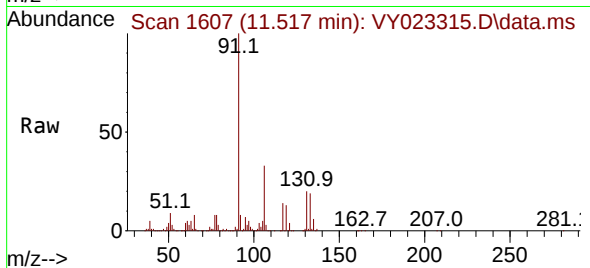




#67
Ethyl Benzene
Concen: 20.212 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

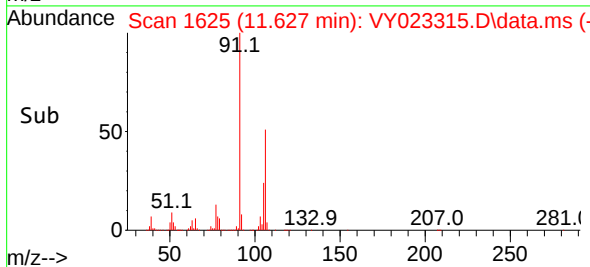
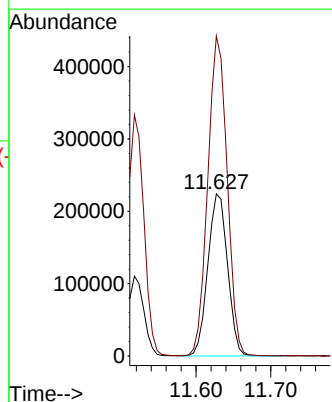
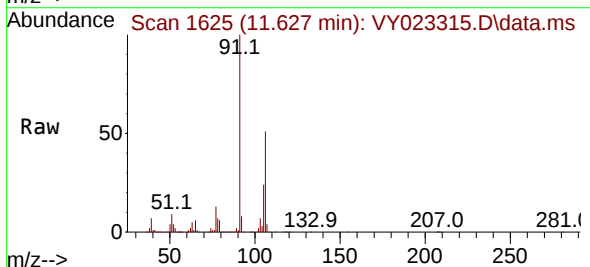
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

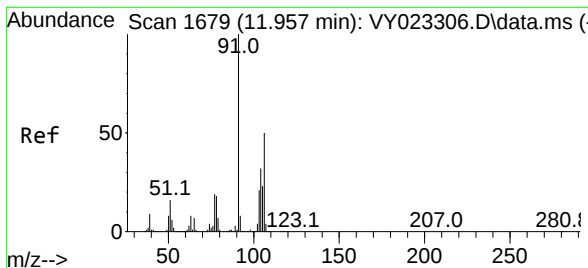
Tgt Ion: 91 Resp: 511861
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.4



#68
m/p-Xylenes
Concen: 40.374 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 106 Resp: 409414
Ion Ratio Lower Upper
106 100
91 193.9 158.6 238.0

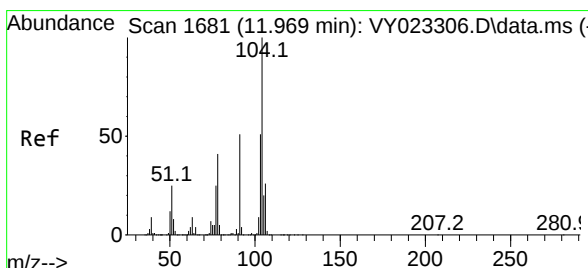
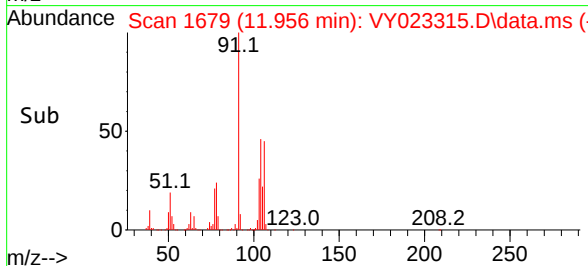
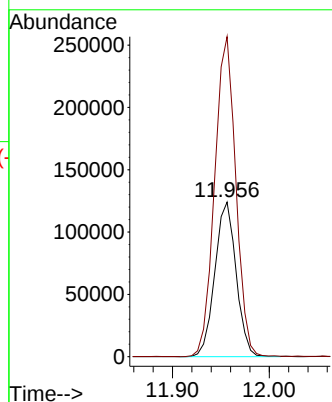
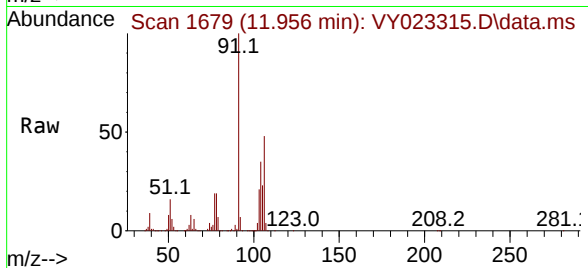




#69
o-Xylene
Concen: 20.157 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

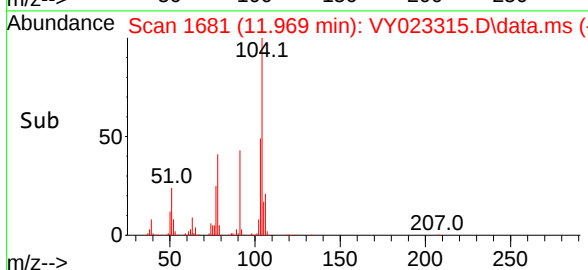
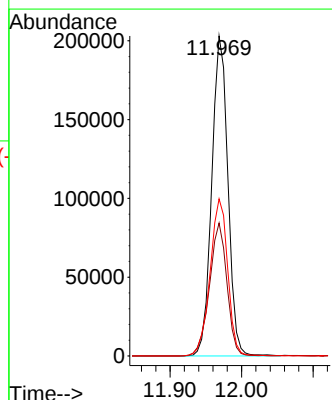
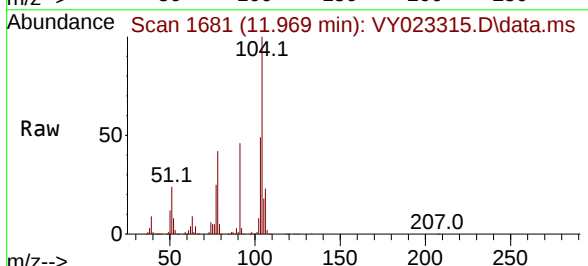
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

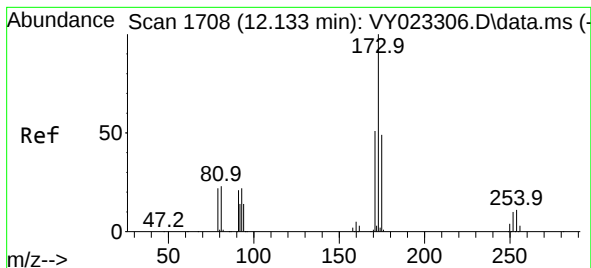
Tgt Ion:106 Resp: 189218
Ion Ratio Lower Upper
106 100
91 206.2 103.2 309.4



#70
Styrene
Concen: 20.476 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion:104 Resp: 318560
Ion Ratio Lower Upper
104 100
78 44.9 38.5 57.7
103 53.5 43.7 65.5





#71

Bromoform

Concen: 19.803 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

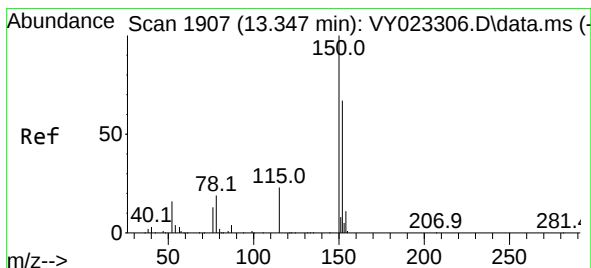
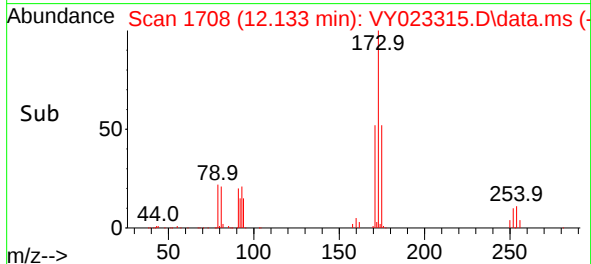
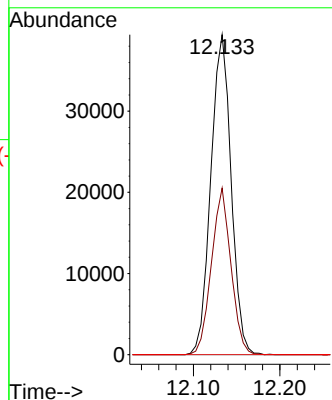
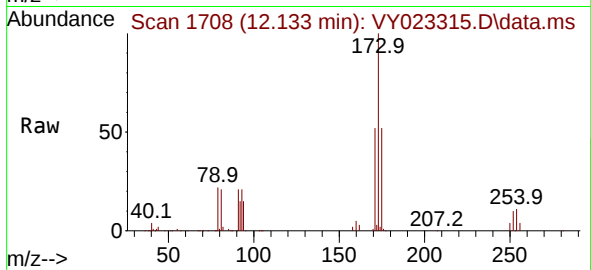
Tgt Ion:173 Resp: 64164

Ion Ratio Lower Upper

173 100

175 50.0 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

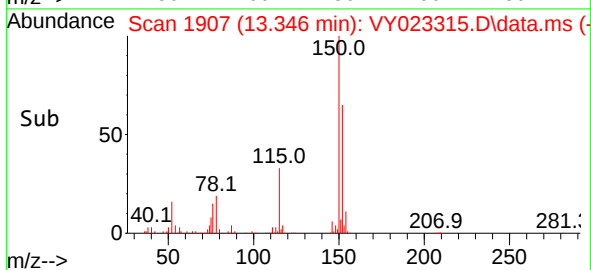
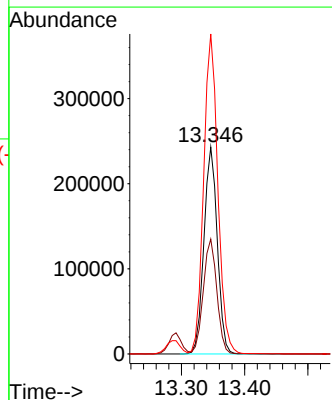
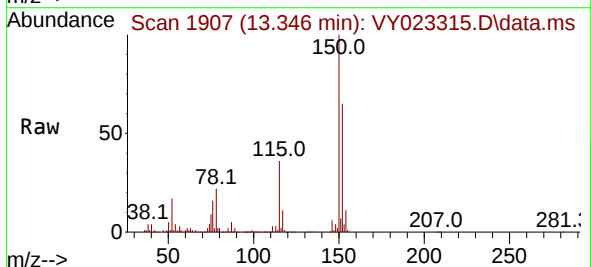
Tgt Ion:152 Resp: 358790

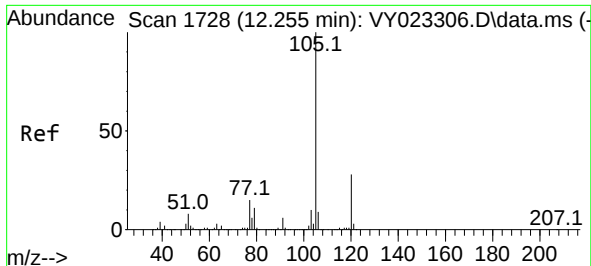
Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.6

150 163.6 0.0 348.0

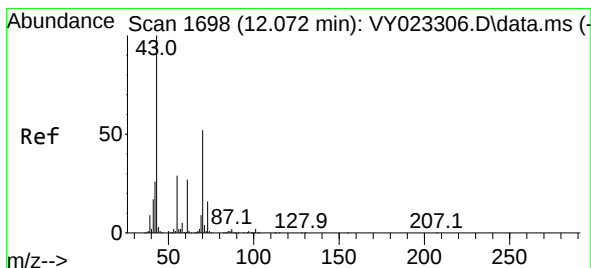
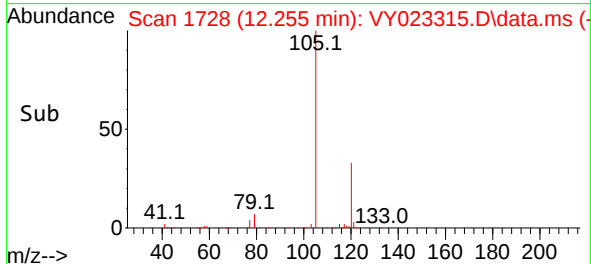
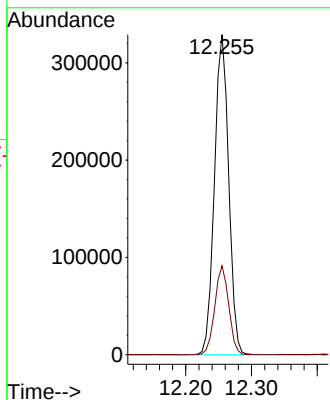
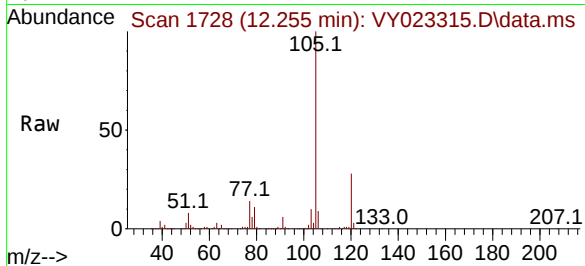




#73
Isopropylbenzene
Concen: 20.493 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

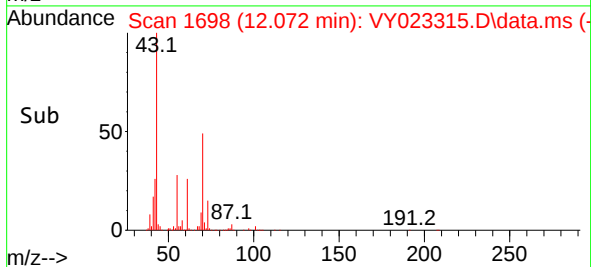
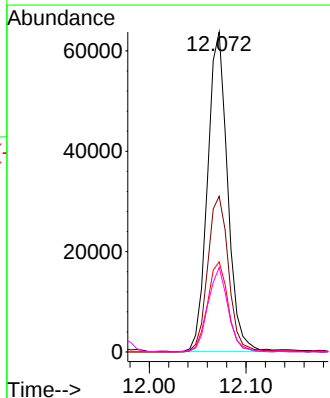
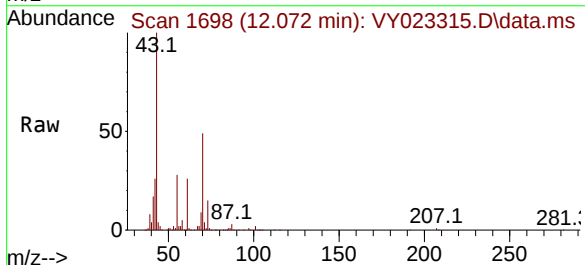
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

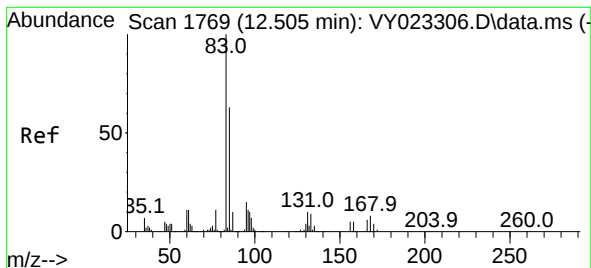
Tgt Ion:105 Resp: 495273
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 20.118 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 43 Resp: 91906
Ion Ratio Lower Upper
43 100
70 51.2 37.5 56.3
55 29.1 20.7 31.1
61 26.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.205 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

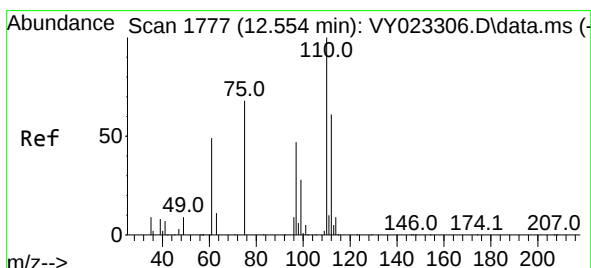
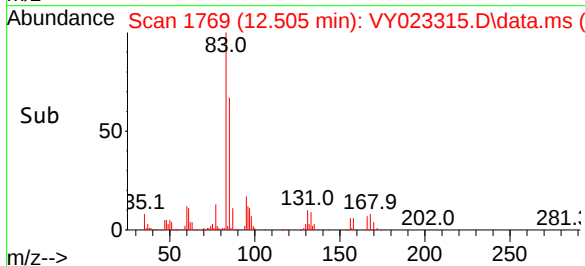
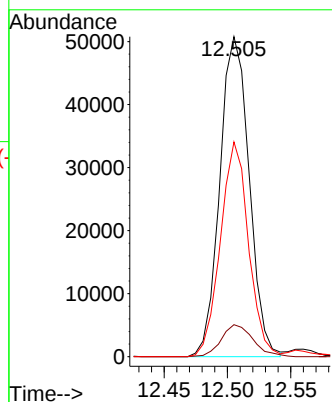
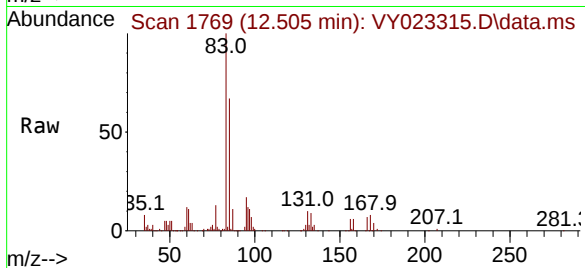
Tgt Ion: 83 Resp: 81952

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 64.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 30.128 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023315.D

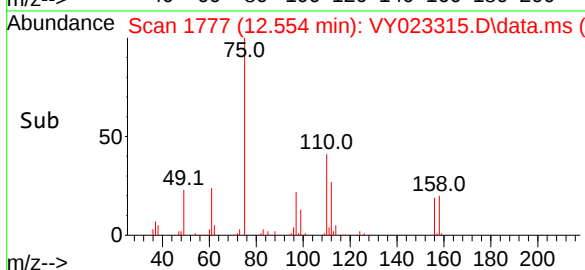
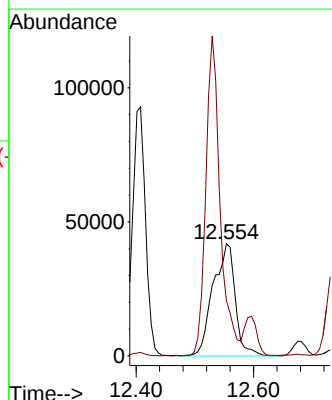
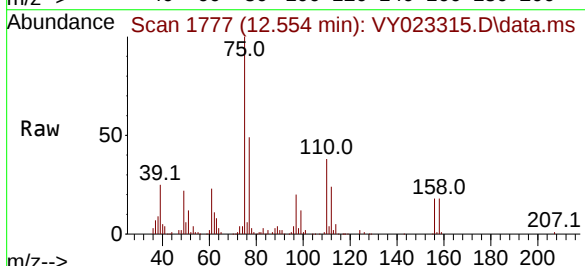
Acq: 09 Sep 2025 10:12

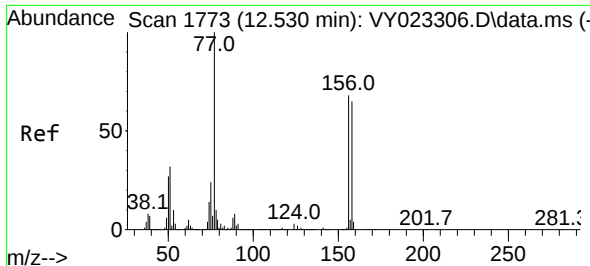
Tgt Ion: 75 Resp: 109468

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

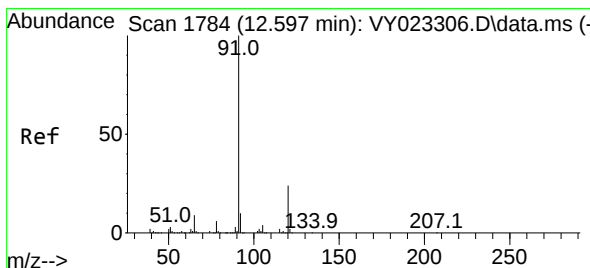
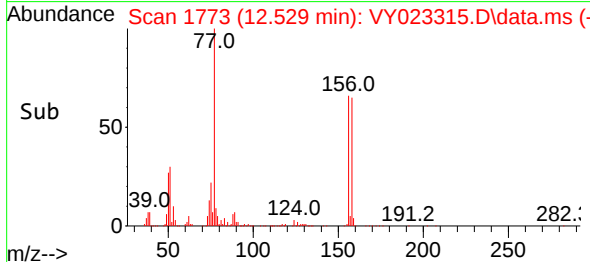
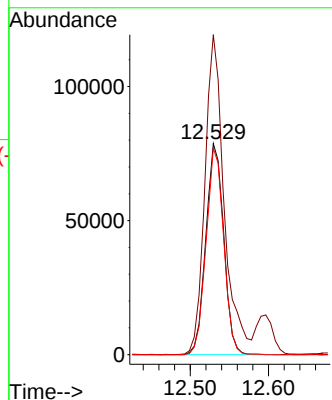
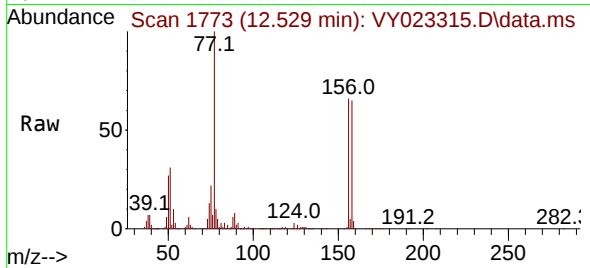




#77
Bromobenzene
Concen: 20.195 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

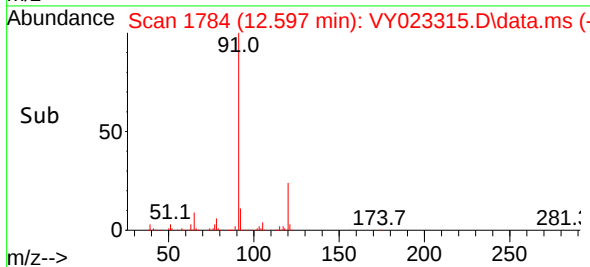
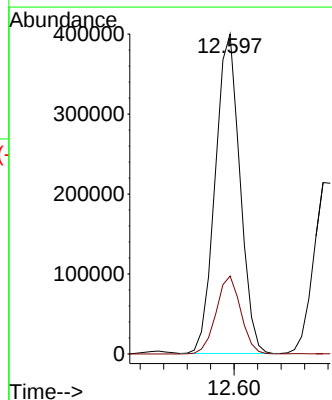
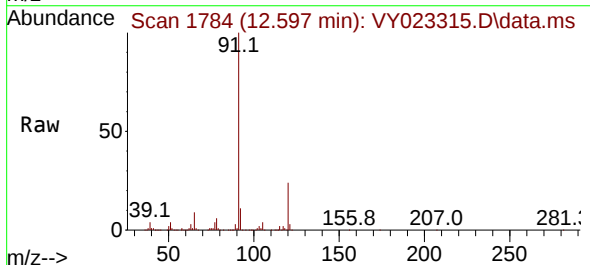
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

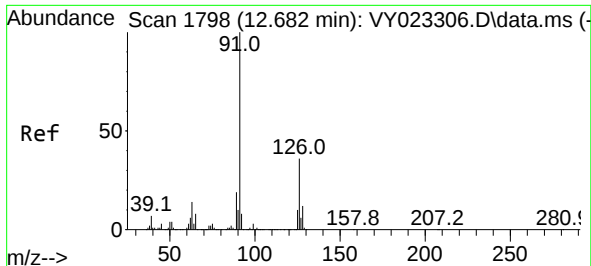
Tgt Ion:156 Resp: 124694
Ion Ratio Lower Upper
156 100
77 163.0 88.1 264.4
158 96.1 48.0 144.0



#78
n-propylbenzene
Concen: 20.491 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 91 Resp: 583676
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 20.493 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

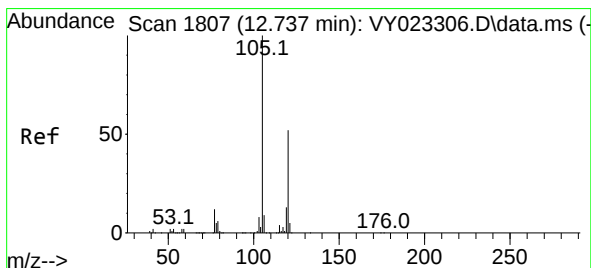
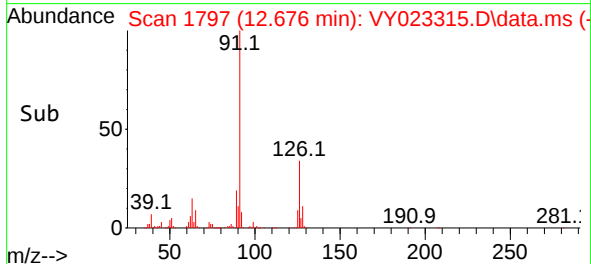
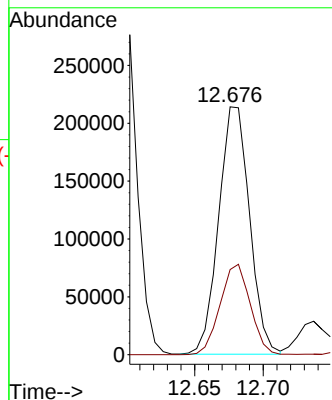
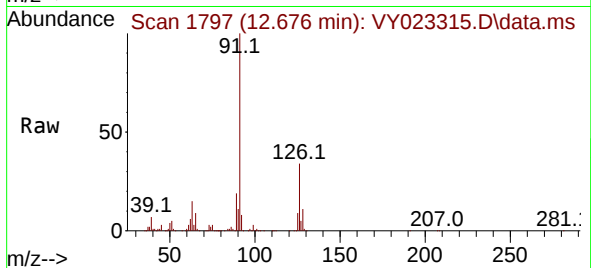
VY0909SBSD01

Tgt Ion: 91 Resp: 336223

Ion Ratio Lower Upper

91 100

126 35.6 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 20.504 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023315.D

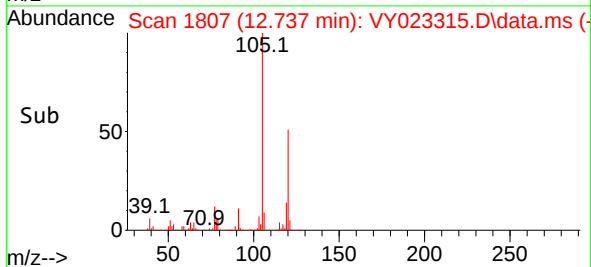
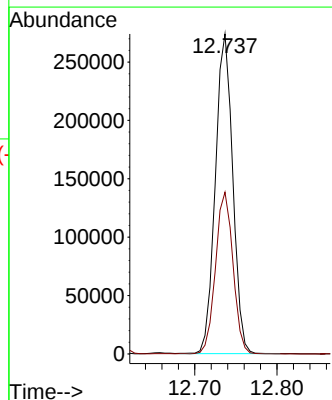
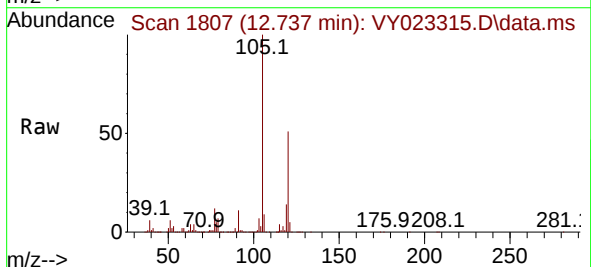
Acq: 09 Sep 2025 10:12

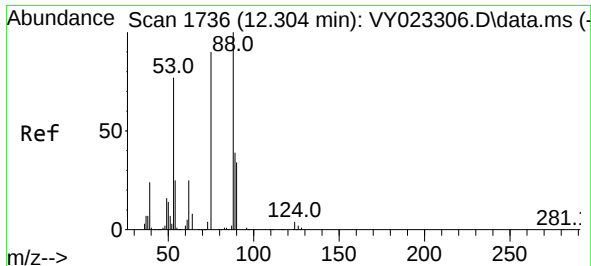
Tgt Ion: 105 Resp: 403044

Ion Ratio Lower Upper

105 100

120 50.8 24.8 74.4

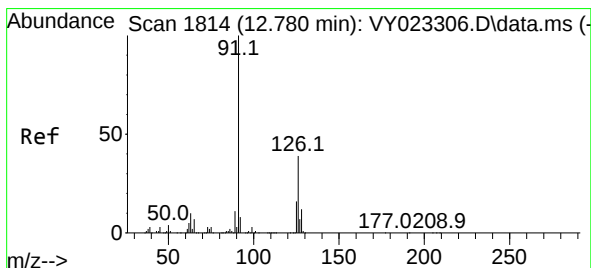
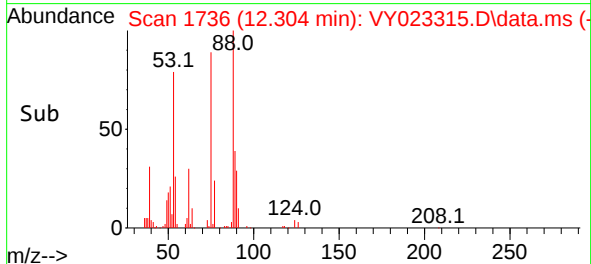
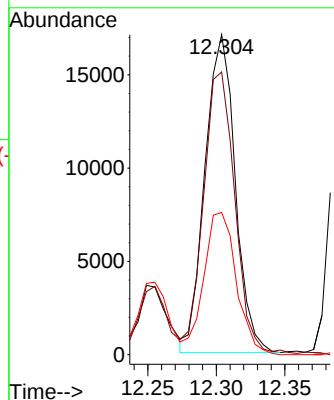
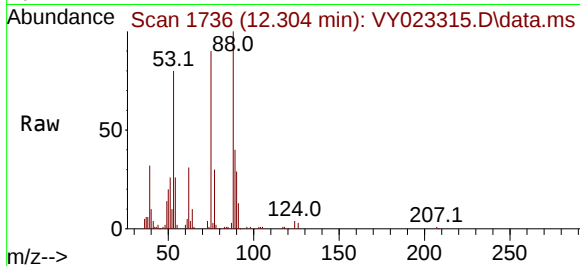




#81
trans-1,4-Dichloro-2-butene
Concen: 19.617 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

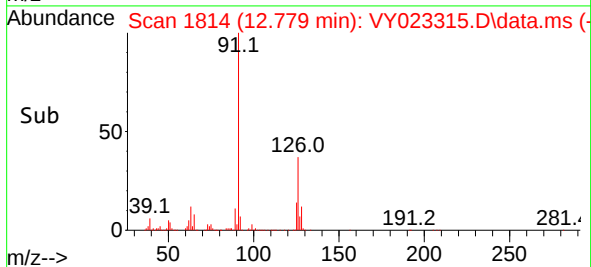
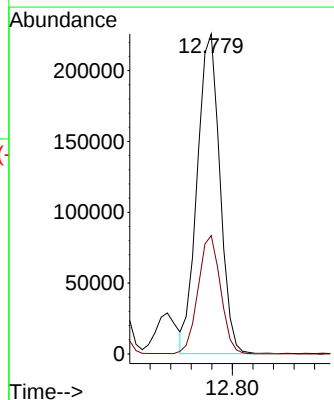
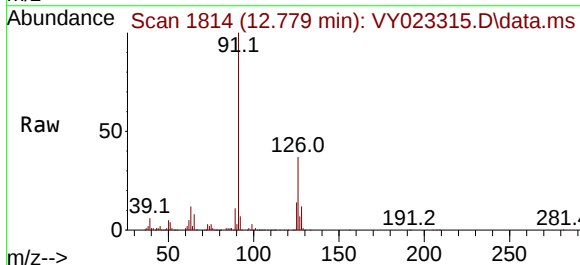
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

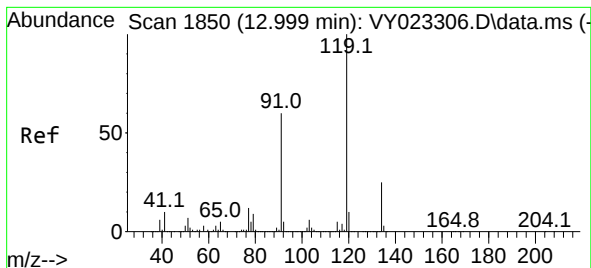
Tgt Ion: 75 Resp: 26137
Ion Ratio Lower Upper
75 100
53 91.8 70.8 106.2
89 48.3 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.140 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023315.D
Acq: 09 Sep 2025 10:12

Tgt Ion: 91 Resp: 345746
Ion Ratio Lower Upper
91 100
126 36.7 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.346 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

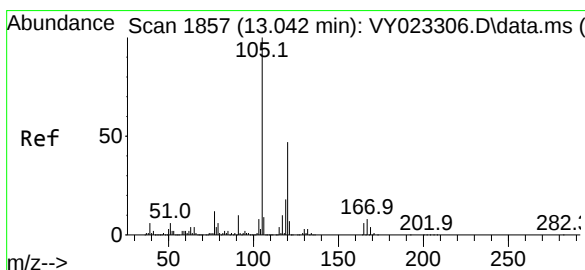
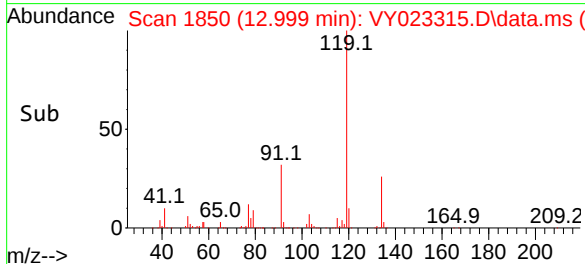
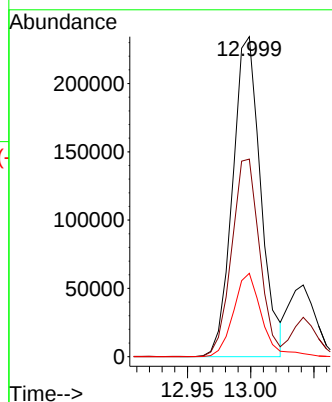
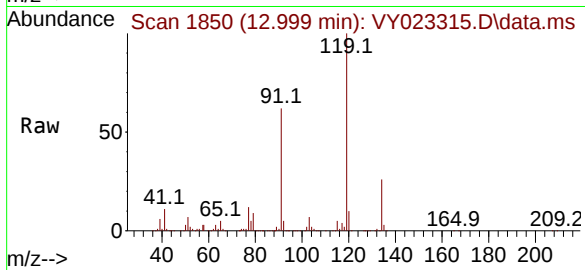
Tgt Ion:119 Resp: 362222

Ion Ratio Lower Upper

119 100

91 61.4 31.6 94.8

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.757 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023315.D

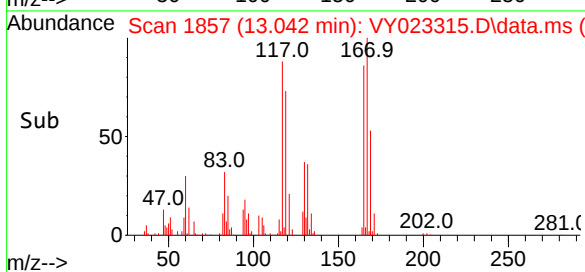
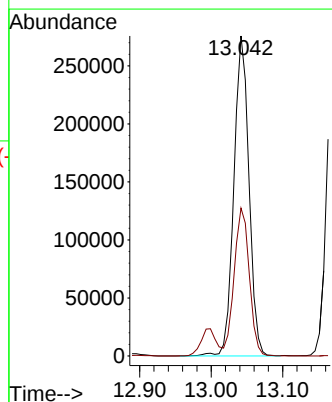
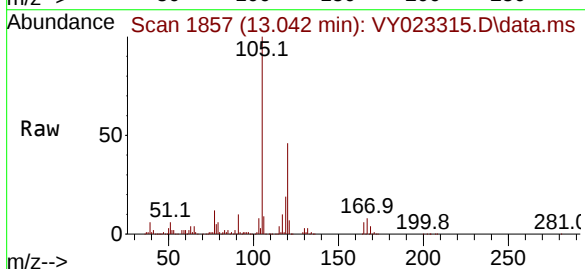
Acq: 09 Sep 2025 10:12

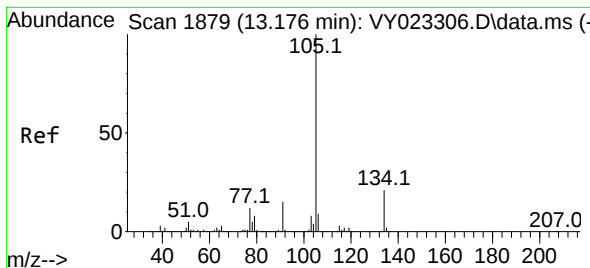
Tgt Ion:105 Resp: 403629

Ion Ratio Lower Upper

105 100

120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.603 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

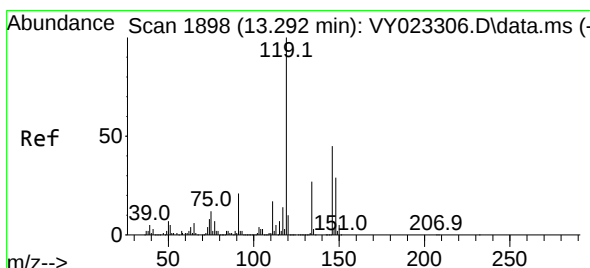
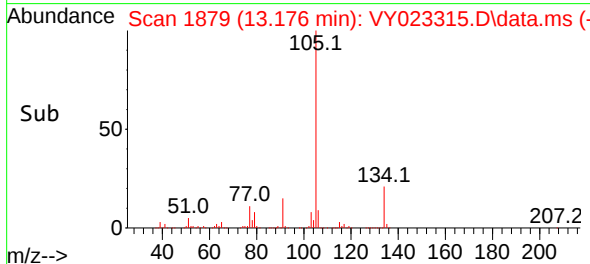
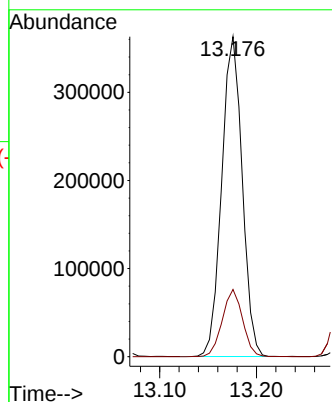
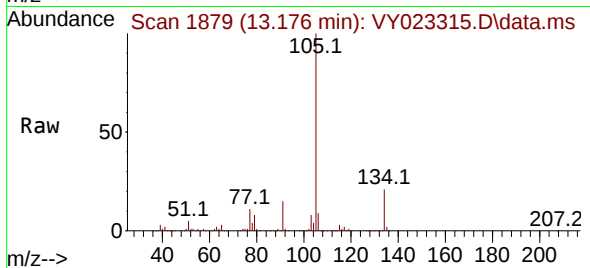
VY0909SBSD01

Tgt Ion:105 Resp: 533672

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.512 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

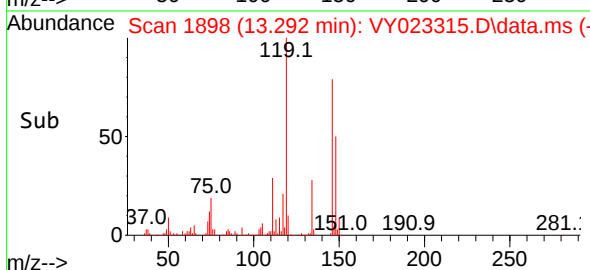
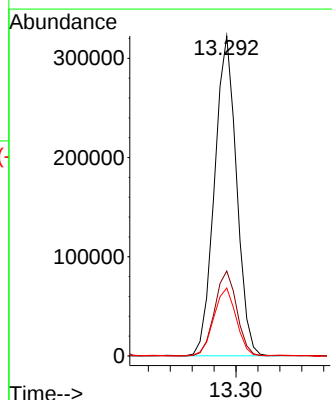
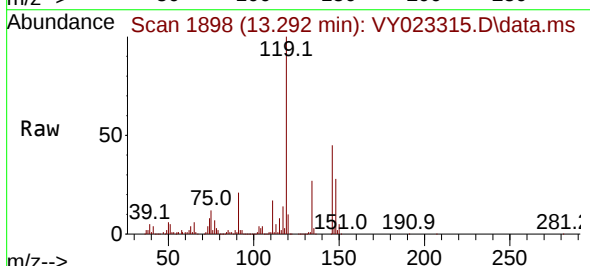
Tgt Ion:119 Resp: 448799

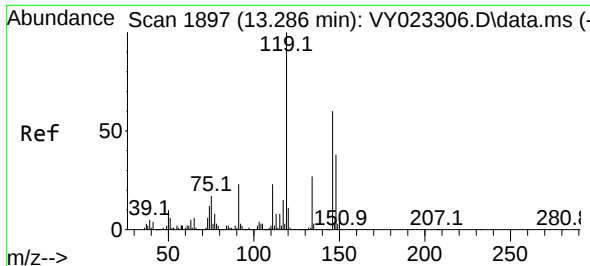
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 21.6 11.3 33.8

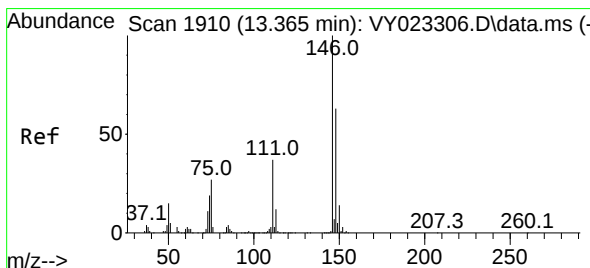
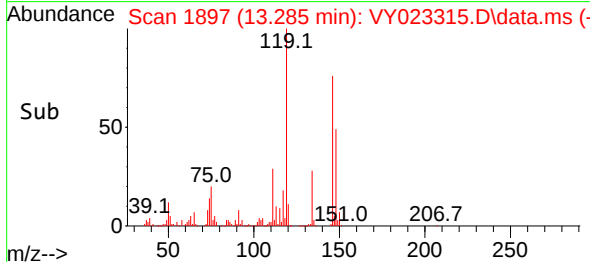
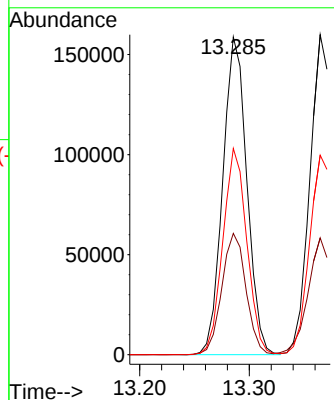
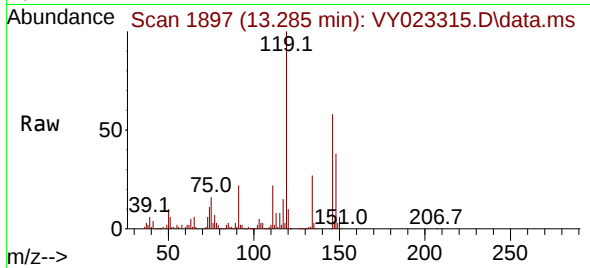




#87
 1,3-Dichlorobenzene
 Concen: 19.872 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY023315.D
 Acq: 09 Sep 2025 10:12

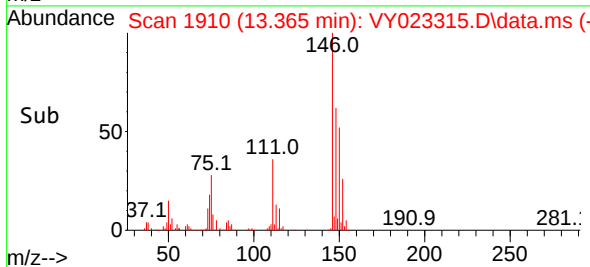
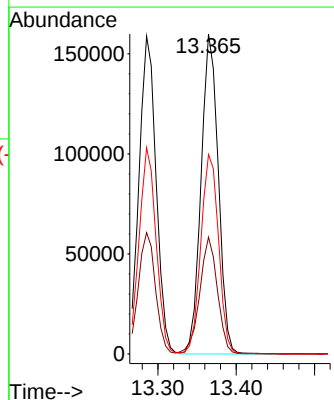
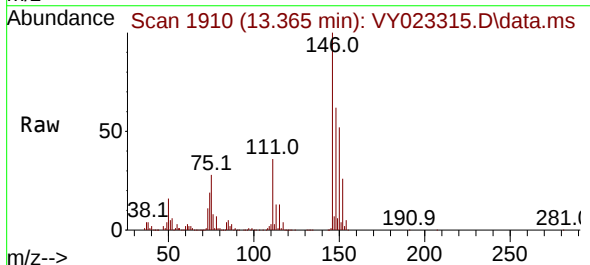
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBSD01

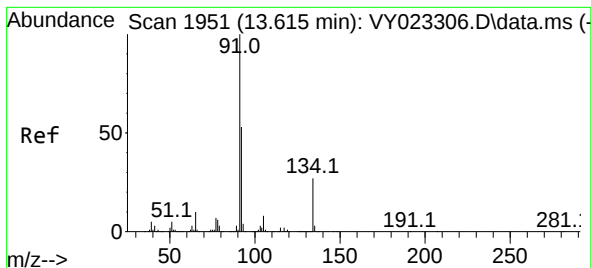
Tgt Ion:146 Resp: 242803
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.6 58.7
 148 64.6 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 20.172 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023315.D
 Acq: 09 Sep 2025 10:12

Tgt Ion:146 Resp: 244116
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.1 57.1
 148 64.3 31.6 94.7





#89

n-Butylbenzene

Concen: 20.291 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

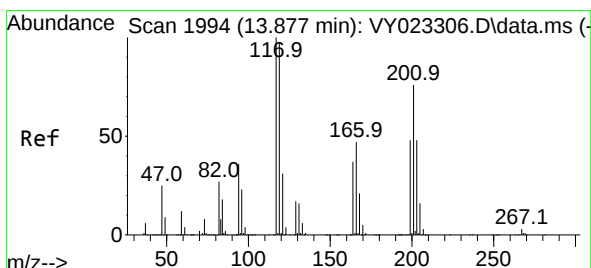
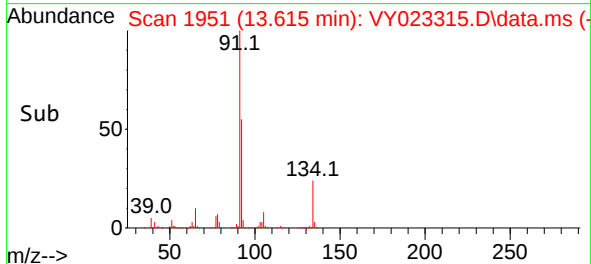
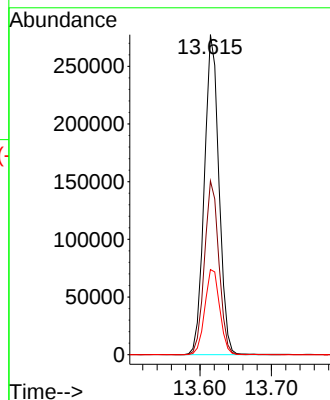
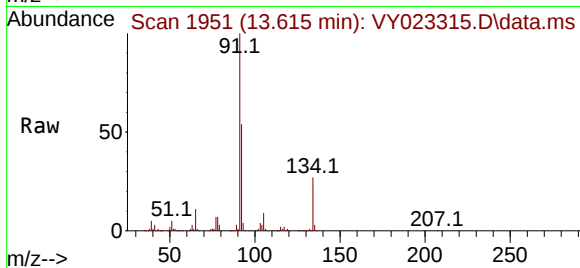
Tgt Ion: 91 Resp: 393737

Ion Ratio Lower Upper

91 100

92 53.5 26.9 80.7

134 27.1 13.2 39.5



#90

Hexachloroethane

Concen: 19.705 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023315.D

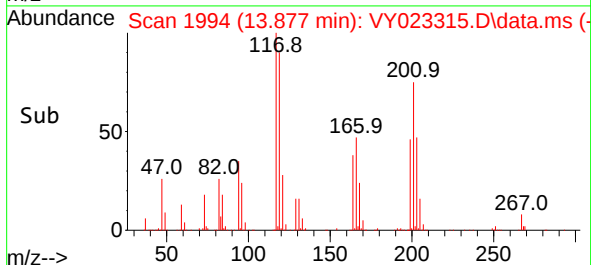
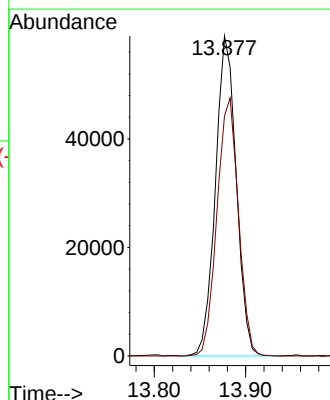
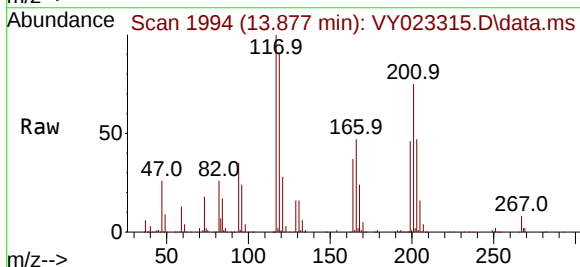
Acq: 09 Sep 2025 10:12

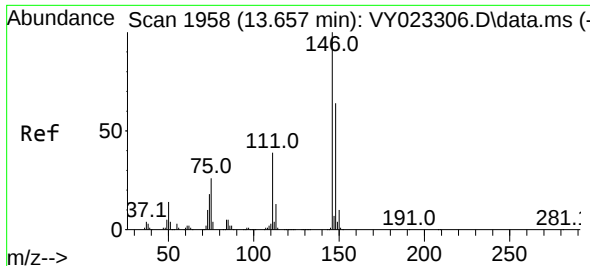
Tgt Ion: 117 Resp: 93473

Ion Ratio Lower Upper

117 100

201 82.9 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 20.285 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

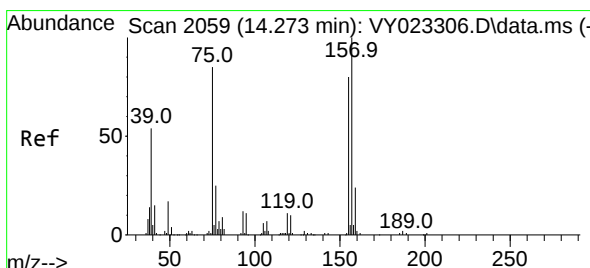
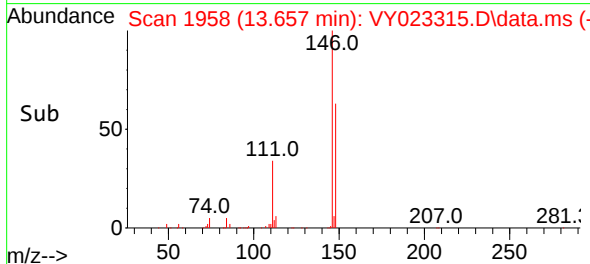
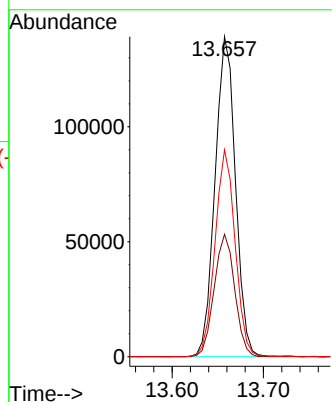
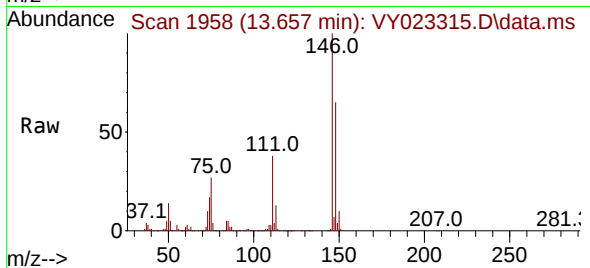
Tgt Ion:146 Resp: 216096

Ion Ratio Lower Upper

146 100

111 38.5 20.3 60.8

148 63.9 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.140 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

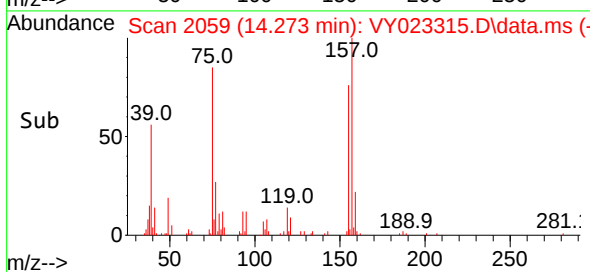
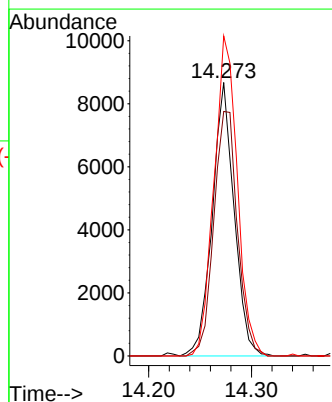
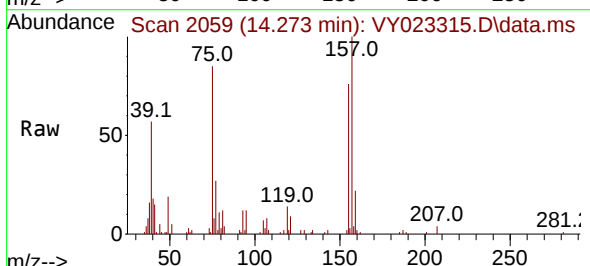
Tgt Ion: 75 Resp: 12818

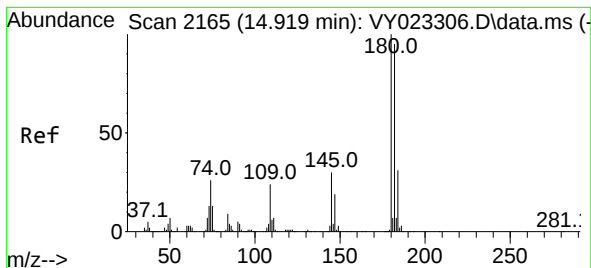
Ion Ratio Lower Upper

75 100

155 96.6 43.9 131.6

157 124.4 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.354 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBSD01

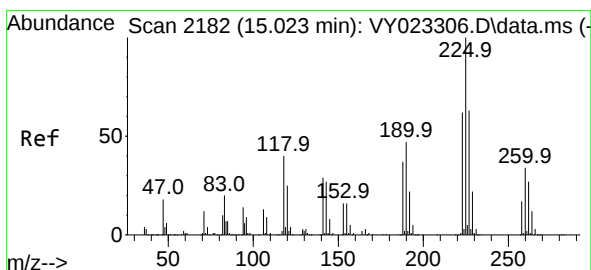
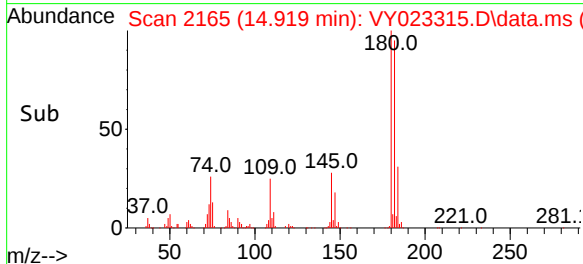
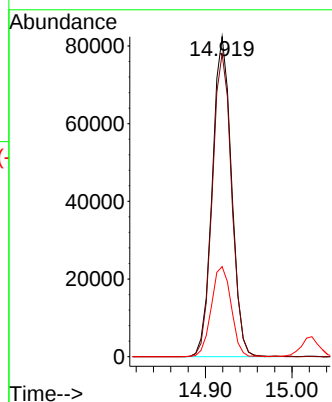
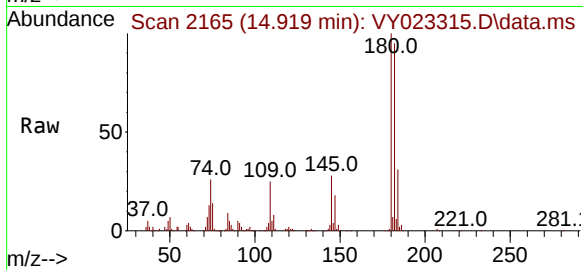
Tgt Ion:180 Resp: 126482

Ion Ratio Lower Upper

180 100

182 95.2 46.8 140.4

145 29.2 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.405 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

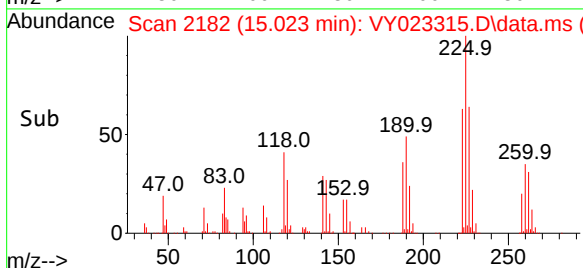
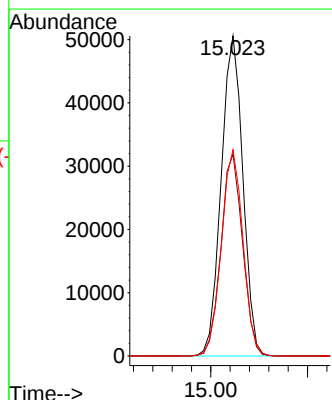
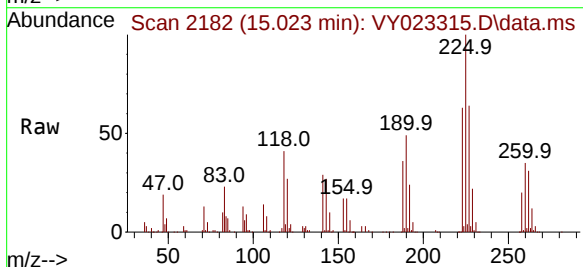
Tgt Ion:225 Resp: 78398

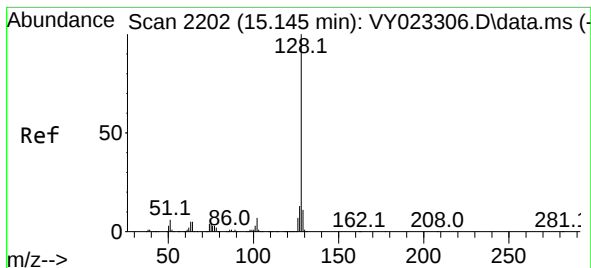
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 64.2 31.5 94.5





#95

Naphthalene

Concen: 20.044 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

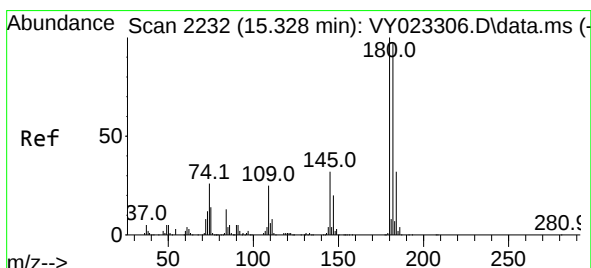
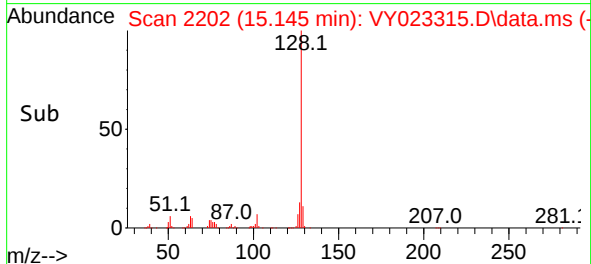
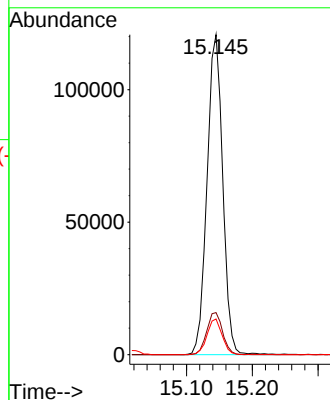
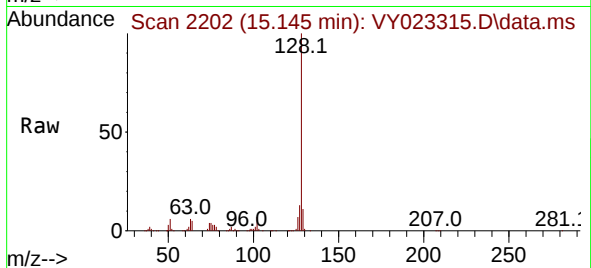
Tgt Ion:128 Resp: 200196

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.963 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023315.D

Acq: 09 Sep 2025 10:12

Tgt Ion:180 Resp: 113131

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.7

145 30.6 15.9 47.7

