

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
 Data File : VY023966.D
 Acq On : 15 Dec 2025 11:02
 Operator : SY/MD
 Sample : VY1215SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBS01

Quant Time: Dec 16 02:11:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	536619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	754522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	635947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	320072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	233491	49.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.420%
35) Dibromofluoromethane	7.646	113	266624	54.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.120%
50) Toluene-d8	10.115	98	984007	53.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.180%
62) 4-Bromofluorobenzene	12.414	95	316436	51.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	72495	19.481	ug/l	99
3) Chloromethane	2.080	50	88045	18.417	ug/l	95
4) Vinyl Chloride	2.214	62	103482	17.518	ug/l	99
5) Bromomethane	2.604	94	97395	19.365	ug/l	94
6) Chloroethane	2.751	64	72812	17.494	ug/l	99
7) Trichlorofluoromethane	3.074	101	175173	19.697	ug/l	99
8) Diethyl Ether	3.470	74	44664	18.281	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.830	101	104218	20.108	ug/l	98
10) Methyl Iodide	4.019	142	112754	17.593	ug/l	97
11) Tert butyl alcohol	4.884	59	20592	74.952	ug/l #	87
12) 1,1-Dichloroethene	3.805	96	92444	18.983	ug/l	97
13) Acrolein	3.671	56	43474	98.938	ug/l	97
14) Allyl chloride	4.403	41	113734	18.253	ug/l	98
15) Acrylonitrile	5.080	53	82277	84.523	ug/l	98
16) Acetone	3.891	43	119990	75.074	ug/l	96
17) Carbon Disulfide	4.129	76	217825	16.844	ug/l	96
18) Methyl Acetate	4.403	43	31292	14.577	ug/l	94
19) Methyl tert-butyl Ether	5.134	73	215171	18.477	ug/l	99
20) Methylene Chloride	4.635	84	108824	19.497	ug/l	95
21) trans-1,2-Dichloroethene	5.134	96	100426	18.785	ug/l	96
22) Diisopropyl ether	6.037	45	263331	18.560	ug/l	98
23) Vinyl Acetate	5.976	43	695453	88.215	ug/l	98
24) 1,1-Dichloroethane	5.939	63	172476	19.503	ug/l	96
25) 2-Butanone	6.915	43	127088	86.677	ug/l	94
26) 2,2-Dichloropropane	6.902	77	165800	20.079	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	123611	20.142	ug/l	97
28) Bromochloromethane	7.262	49	64399	19.329	ug/l	92
29) Tetrahydrofuran	7.287	42	58766	78.588	ug/l	97
30) Chloroform	7.433	83	191038	19.776	ug/l	99
31) Cyclohexane	7.713	56	147686	18.151	ug/l	91
32) 1,1,1-Trichloroethane	7.628	97	180234	20.119	ug/l	99
36) 1,1-Dichloropropene	7.847	75	132450	19.725	ug/l	98
37) Ethyl Acetate	7.000	43	43193	15.797	ug/l	95
38) Carbon Tetrachloride	7.835	117	167079	20.528	ug/l	99
39) Methylcyclohexane	9.122	83	175686	19.584	ug/l	97
40) Benzene	8.091	78	409669	20.035	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	22628	15.043	ug/l	88
42) 1,2-Dichloroethane	8.170	62	102291	19.076	ug/l	99
43) Isopropyl Acetate	8.207	43	87038	16.901	ug/l	98
44) Trichloroethene	8.878	130	121517	20.495	ug/l	99
45) 1,2-Dichloropropane	9.152	63	88908	19.271	ug/l	98
46) Dibromomethane	9.243	93	53010	19.508	ug/l	96
47) Bromodichloromethane	9.432	83	141175	19.749	ug/l	97
48) Methyl methacrylate	9.231	41	38855	16.207	ug/l	91
49) 1,4-Dioxane	9.250	88	9287	306.568	ug/l	90
51) 4-Methyl-2-Pentanone	10.006	43	223657	81.970	ug/l	97
52) Toluene	10.176	92	270687	20.005	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	117067	18.951	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	144213	19.811	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	72674	19.432	ug/l	97
56) Ethyl methacrylate	10.451	69	77652	17.514	ug/l	95
57) 1,3-Dichloropropane	10.725	76	114792	18.977	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	167589	87.262	ug/l	96
59) 2-Hexanone	10.768	43	176197	85.085	ug/l	97
60) Dibromochloromethane	10.920	129	101747	19.650	ug/l	98
61) 1,2-Dibromoethane	11.024	107	65767	18.977	ug/l	97
64) Tetrachloroethene	10.652	164	142373	20.839	ug/l	97
65) Chlorobenzene	11.450	112	304363	20.654	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	108320	20.959	ug/l	100
67) Ethyl Benzene	11.524	91	499940	20.248	ug/l	99
68) m/p-Xylenes	11.633	106	401682	40.982	ug/l	99
69) o-Xylene	11.962	106	187074	20.403	ug/l	99
70) Styrene	11.975	104	297652	20.095	ug/l	98
71) Bromoform	12.139	173	60766	19.952	ug/l #	100
73) Isopropylbenzene	12.261	105	500655	21.403	ug/l	99
74) N-amyl acetate	12.078	43	67300	16.220	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.511	83	67097	18.838	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	92078	34.009	ug/l #	100
77) Bromobenzene	12.536	156	123827	21.335	ug/l	94
78) n-propylbenzene	12.603	91	580767	21.340	ug/l	98
79) 2-Chlorotoluene	12.688	91	327573	21.189	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	399428	21.404	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	21811	18.337	ug/l	99
82) 4-Chlorotoluene	12.786	91	335761	21.098	ug/l	98
83) tert-Butylbenzene	13.005	119	377311	21.883	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	393751	21.300	ug/l	99
85) sec-Butylbenzene	13.182	105	544925	21.665	ug/l	100
86) p-Isopropyltoluene	13.298	119	453428	21.298	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	238456	21.156	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	233298	20.998	ug/l	99
89) n-Butylbenzene	13.621	91	386618	20.757	ug/l	99
90) Hexachloroethane	13.883	117	91740	21.117	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	202462	20.732	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10094	18.304	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	112620	19.622	ug/l	99
94) Hexachlorobutadiene	15.029	225	82181	21.844	ug/l	100
95) Naphthalene	15.151	128	154612	17.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	95354	19.523	ug/l	97

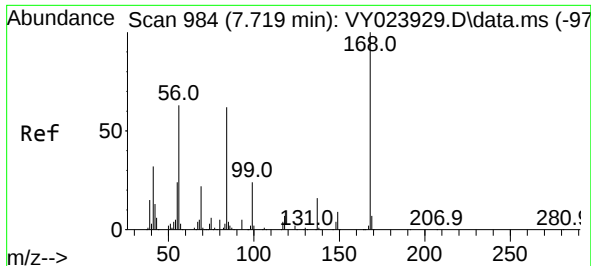
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
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Response via : Initial Calibration

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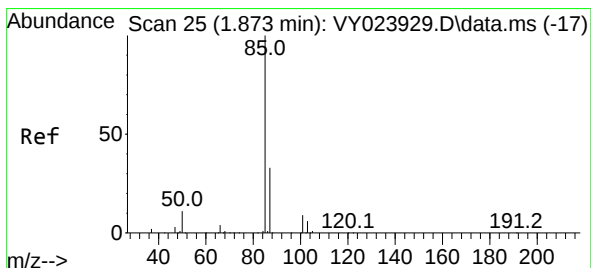
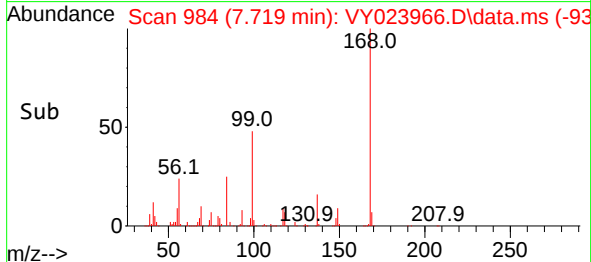
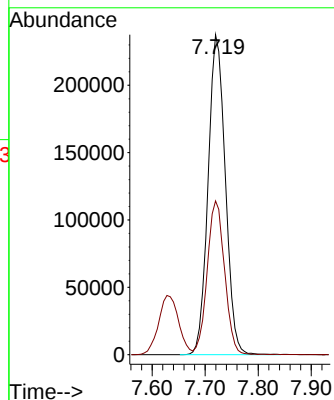
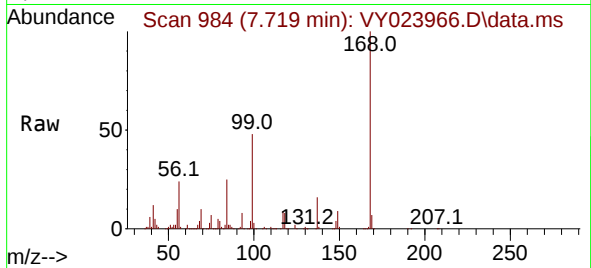
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

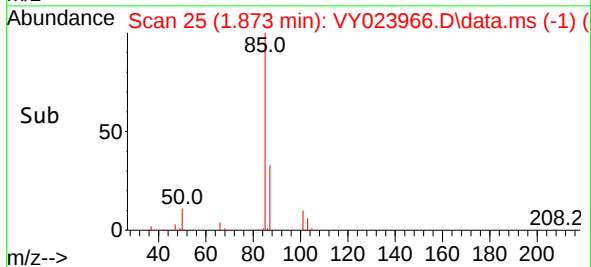
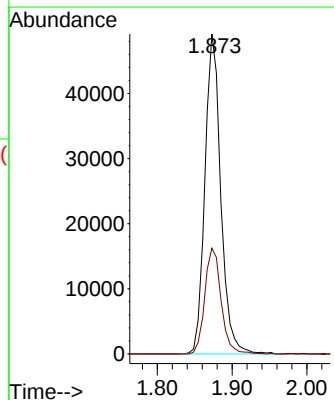
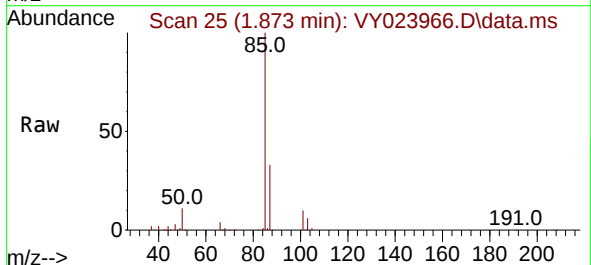
Instrument :
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ClientSampleId :
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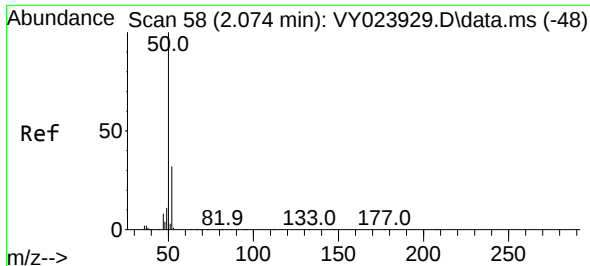
Tgt Ion:168 Resp: 536619
Ion Ratio Lower Upper
168 100
99 48.0 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 19.481 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 85 Resp: 72495
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.1

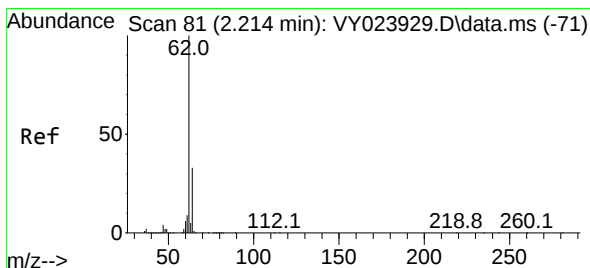
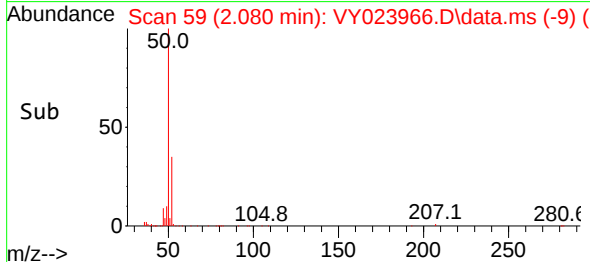
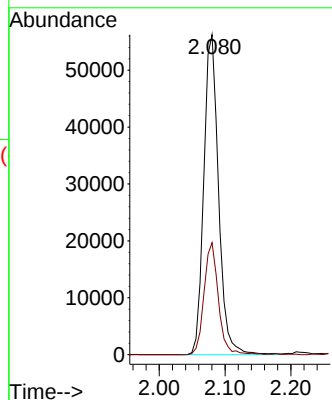
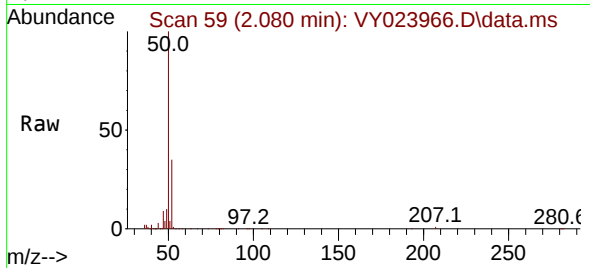




#3
Chloromethane
Concen: 18.417 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

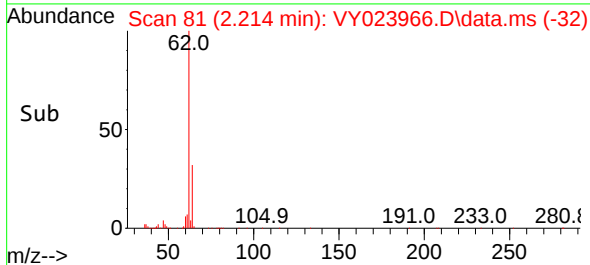
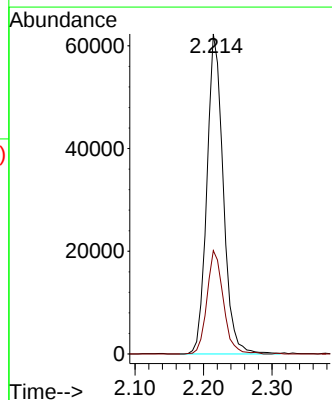
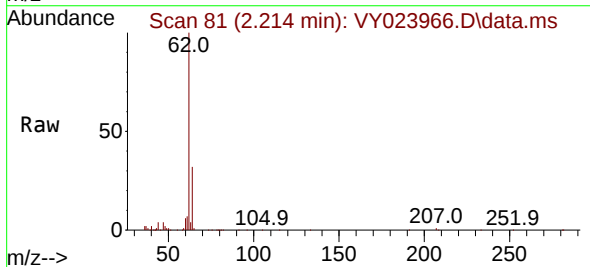
Instrument :
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ClientSampleId :
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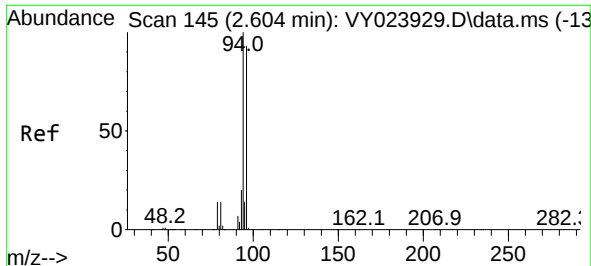
Tgt Ion: 50 Resp: 88045
Ion Ratio Lower Upper
50 100
52 35.0 25.8 38.8



#4
Vinyl Chloride
Concen: 17.518 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 62 Resp: 103482
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.4

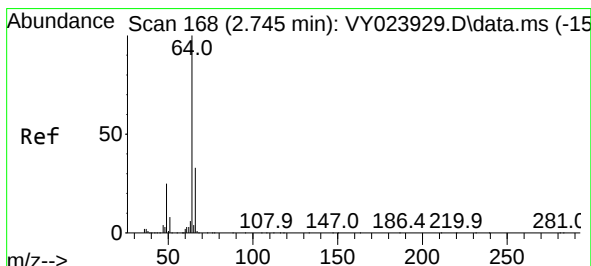
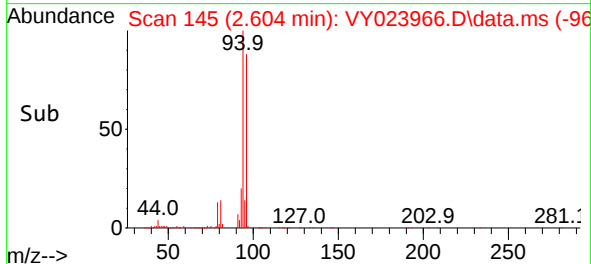
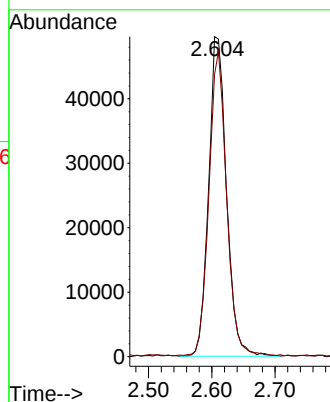
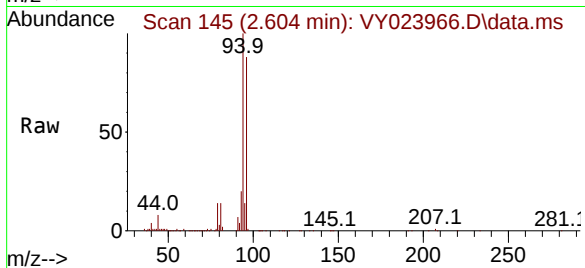




#5
Bromomethane
Concen: 19.365 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

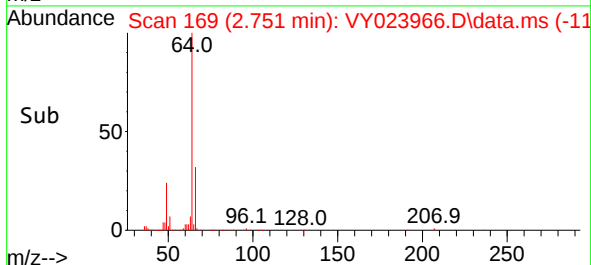
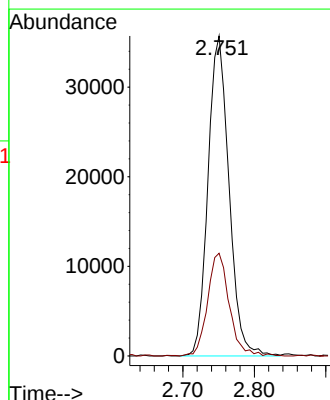
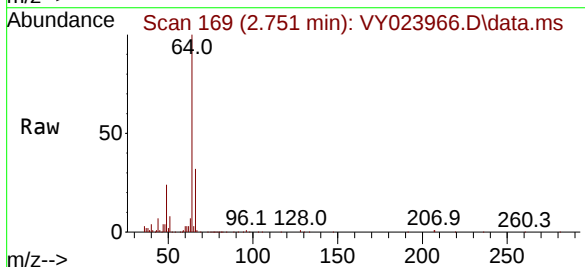
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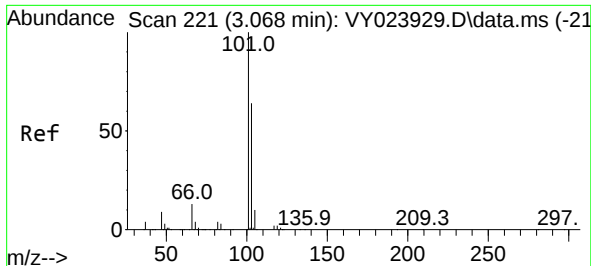
Tgt Ion: 94 Resp: 97395
Ion Ratio Lower Upper
94 100
96 87.8 74.8 112.2



#6
Chloroethane
Concen: 17.494 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 64 Resp: 72812
Ion Ratio Lower Upper
64 100
66 32.1 26.0 39.0

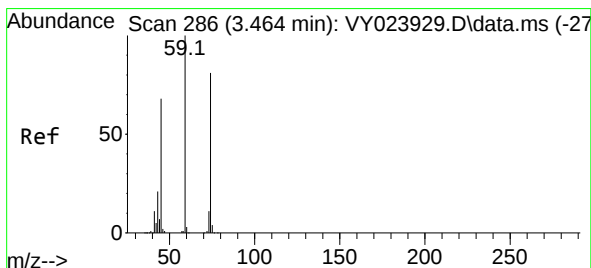
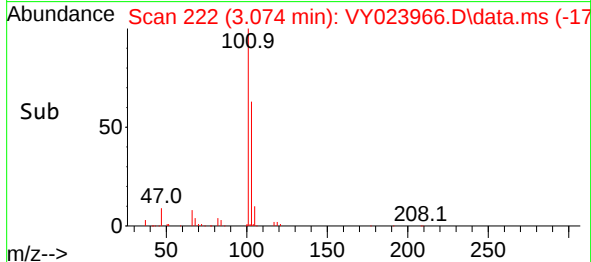
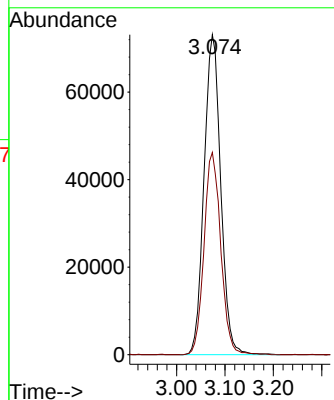
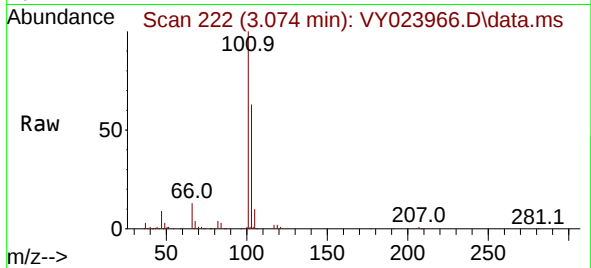




#7
 Trichlorofluoromethane
 Concen: 19.697 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023966.D
 Acq: 15 Dec 2025 11:02

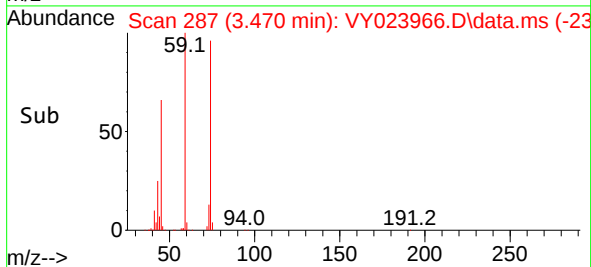
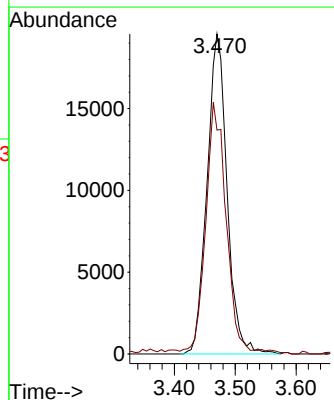
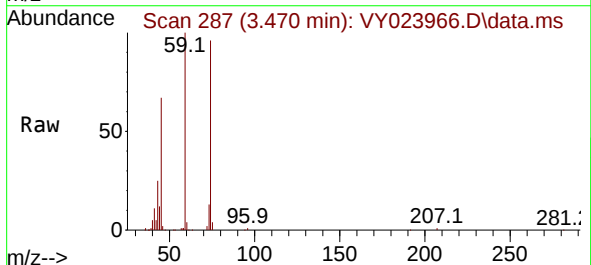
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 ClientSampleId :
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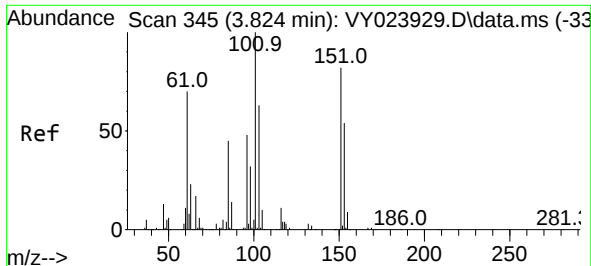
Tgt Ion:101 Resp: 175173
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 18.281 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY023966.D
 Acq: 15 Dec 2025 11:02

Tgt Ion: 74 Resp: 44664
 Ion Ratio Lower Upper
 74 100
 45 77.0 42.0 126.1

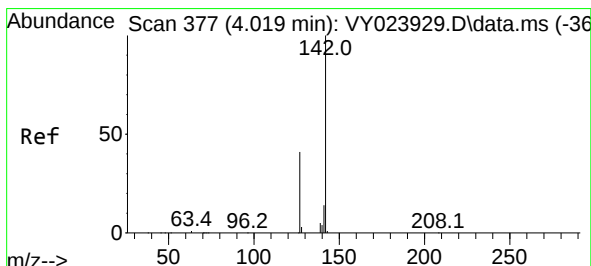
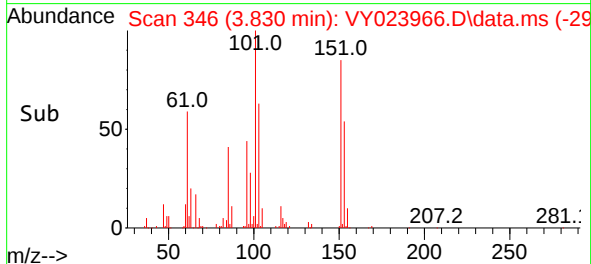
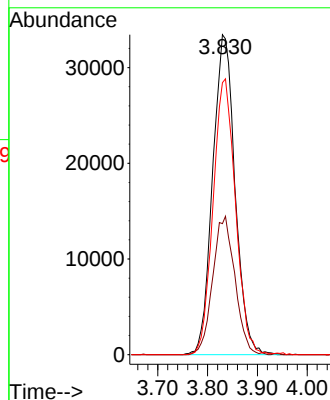
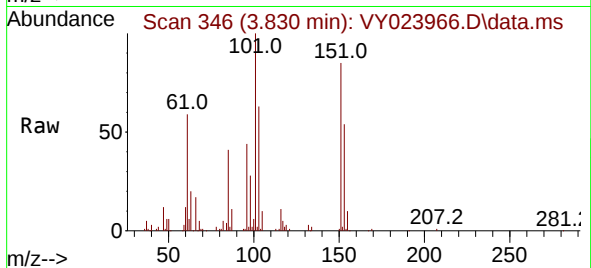




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.108 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY023966.D
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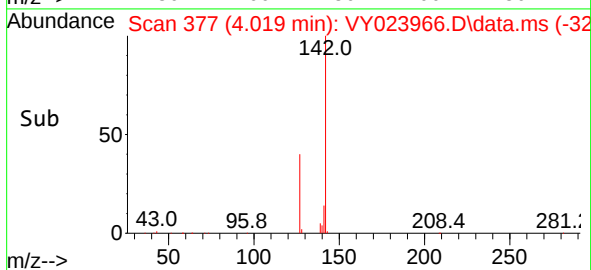
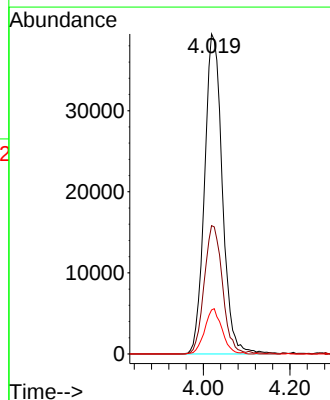
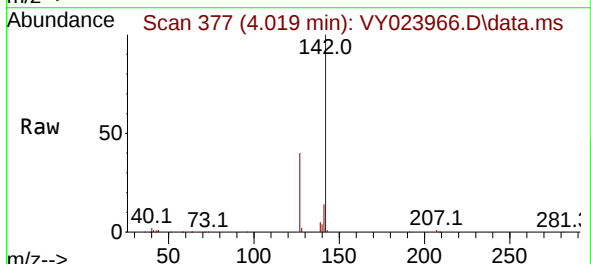
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBSD01

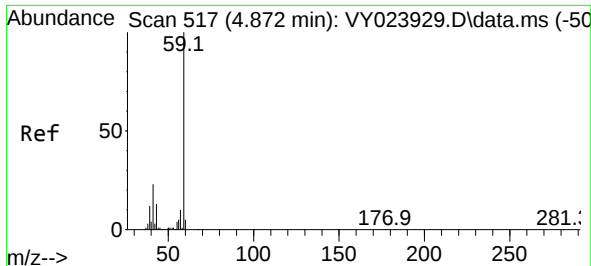
Tgt Ion:101 Resp: 104218
Ion Ratio Lower Upper
101 100
85 43.0 35.1 52.7
151 86.4 67.2 100.8



#10
Methyl Iodide
Concen: 17.593 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion:142 Resp: 112754
Ion Ratio Lower Upper
142 100
127 41.0 34.5 51.7
141 13.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 74.952 ug/l

RT: 4.884 min Scan# 517

Delta R.T. 0.012 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

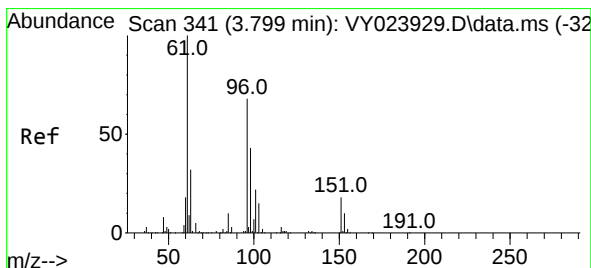
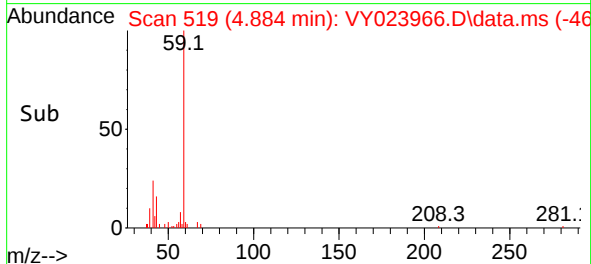
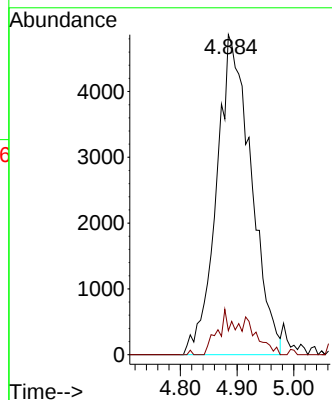
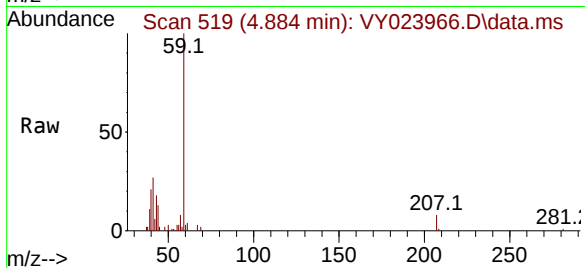
VY1215SBS01

Tgt Ion: 59 Resp: 20592

Ion Ratio Lower Upper

59 100

57 5.9 8.7 13.1#



#12

1,1-Dichloroethene

Concen: 18.983 ug/l

RT: 3.805 min Scan# 342

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

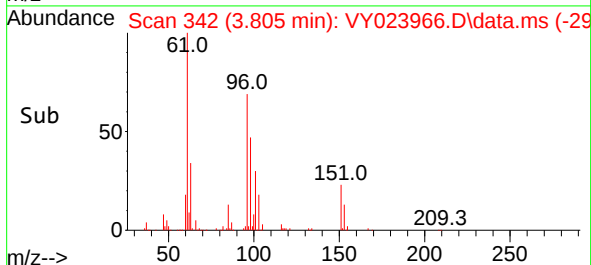
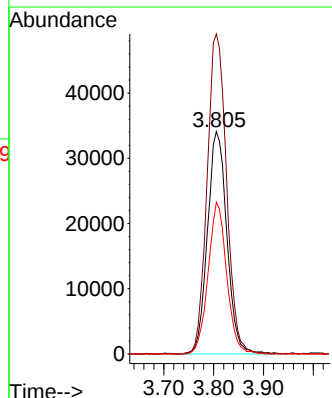
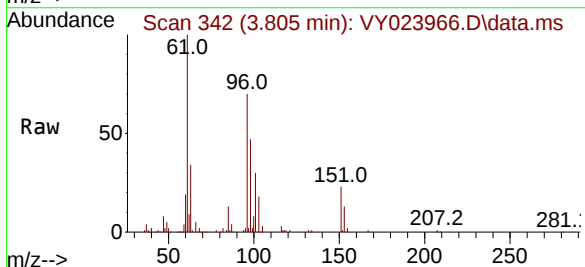
Tgt Ion: 96 Resp: 92444

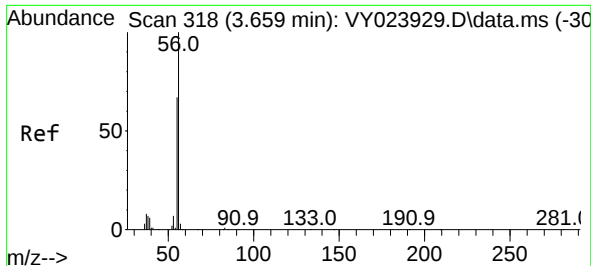
Ion Ratio Lower Upper

96 100

61 143.9 117.0 175.6

98 68.3 50.5 75.7

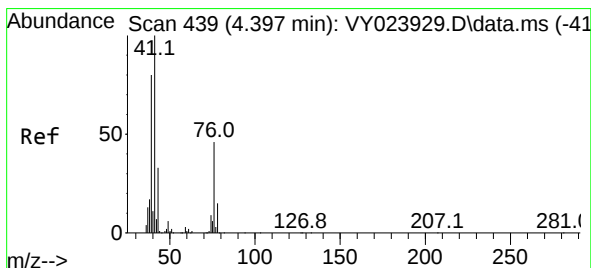
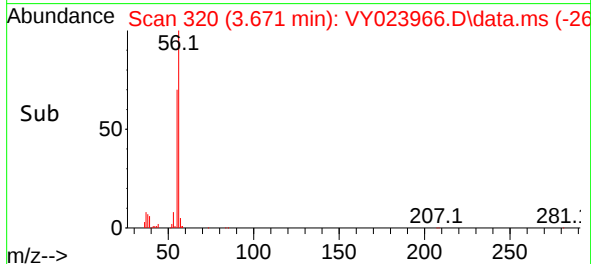
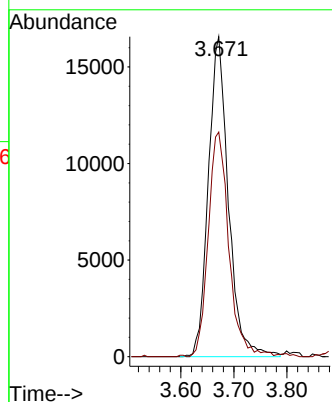
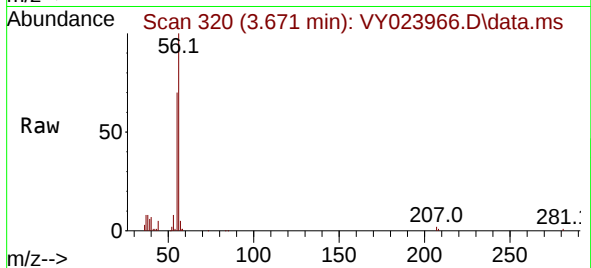




#13
Acrolein
Concen: 98.938 ug/l
RT: 3.671 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

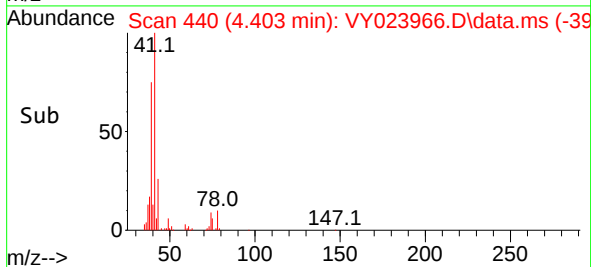
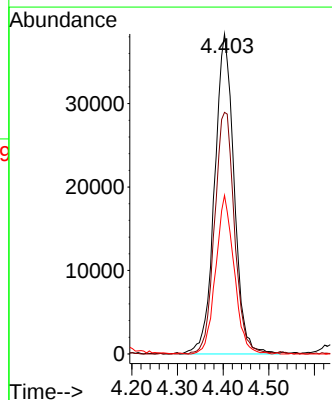
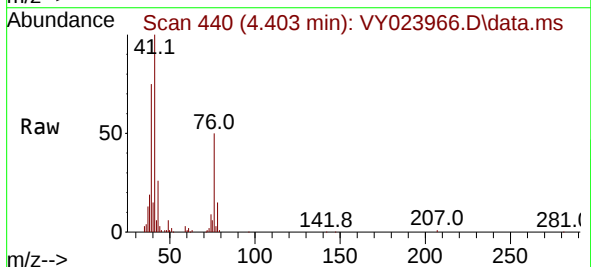
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBSD01

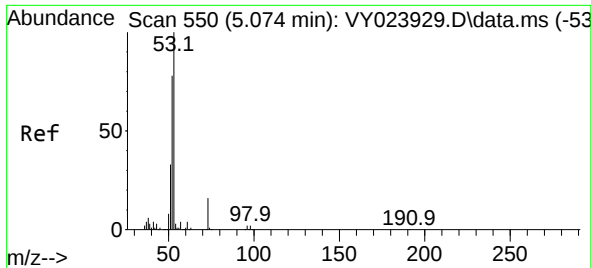
Tgt Ion: 56 Resp: 43474
Ion Ratio Lower Upper
56 100
55 72.1 55.7 83.5



#14
Allyl chloride
Concen: 18.253 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 41 Resp: 113734
Ion Ratio Lower Upper
41 100
39 77.0 62.9 94.3
76 46.8 35.7 53.5

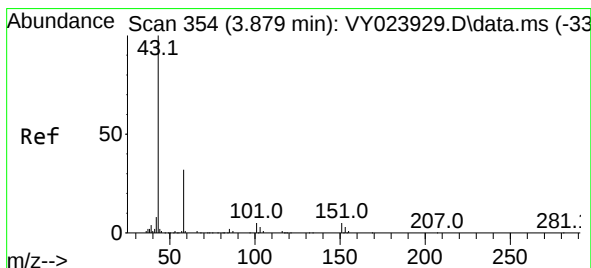
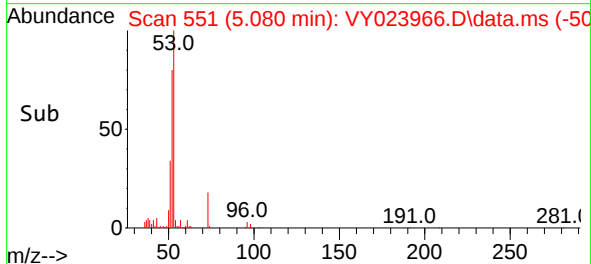
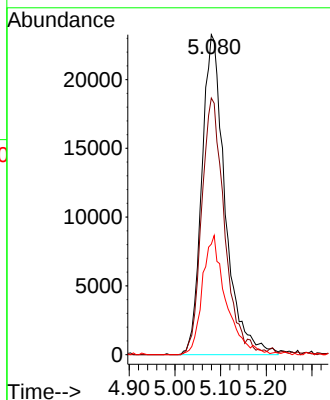
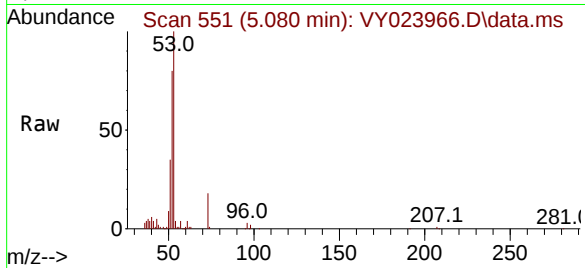




#15
Acrylonitrile
Concen: 84.523 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

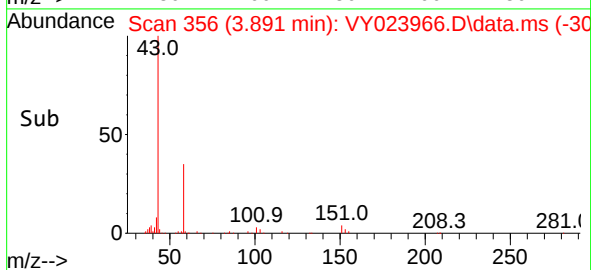
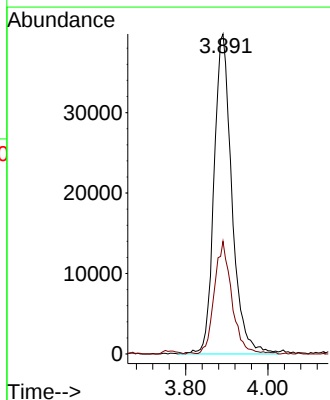
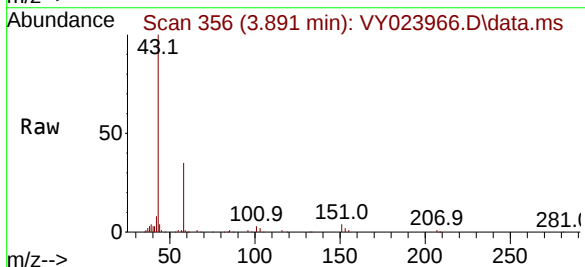
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

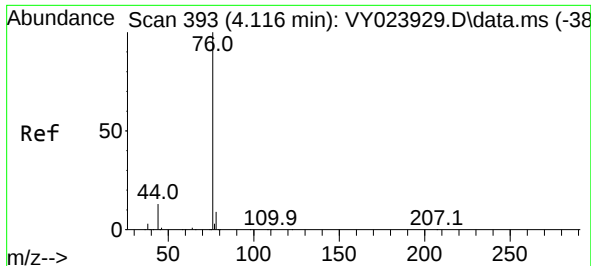
Tgt Ion: 53 Resp: 82277
Ion Ratio Lower Upper
53 100
52 78.8 64.2 96.2
51 37.7 29.3 43.9



#16
Acetone
Concen: 75.074 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 43 Resp: 119990
Ion Ratio Lower Upper
43 100
58 35.2 26.4 39.6

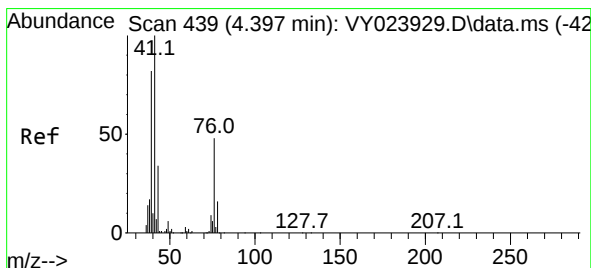
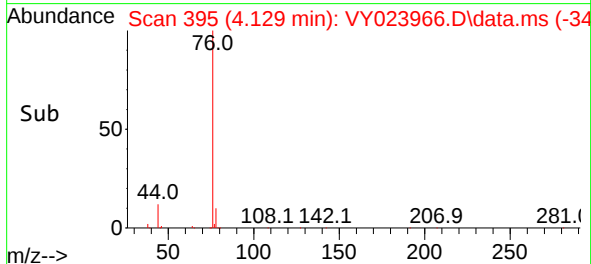
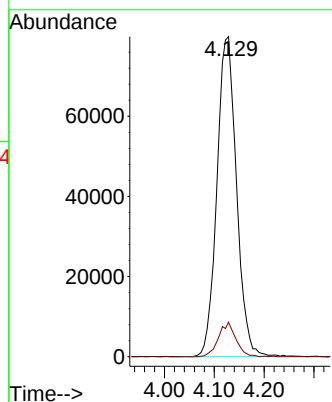
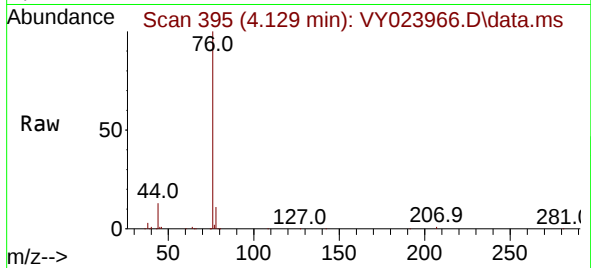




#17
Carbon Disulfide
Concen: 16.844 ug/l
RT: 4.129 min Scan# 393
Delta R.T. 0.012 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

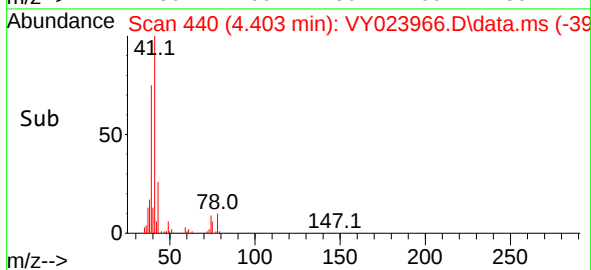
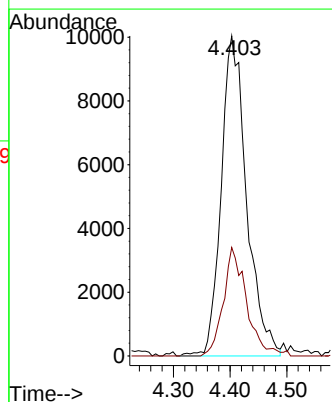
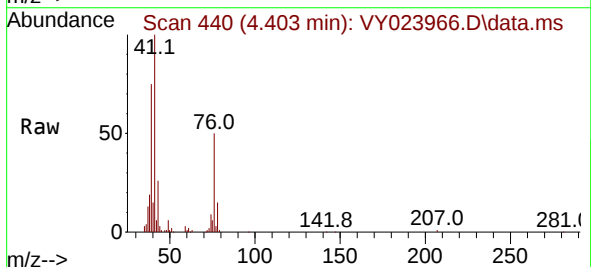
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

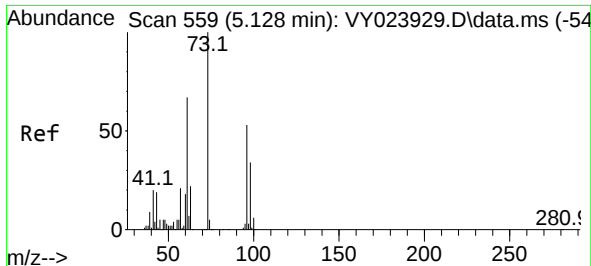
Tgt Ion: 76 Resp: 217825
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2



#18
Methyl Acetate
Concen: 14.577 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 43 Resp: 31292
Ion Ratio Lower Upper
43 100
74 31.1 22.6 33.8

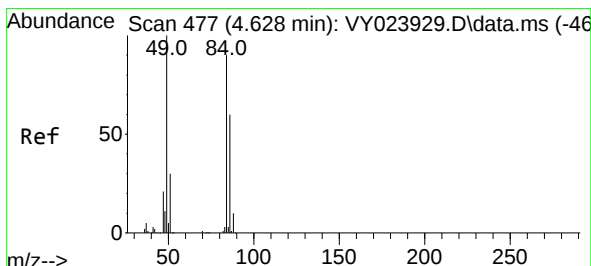
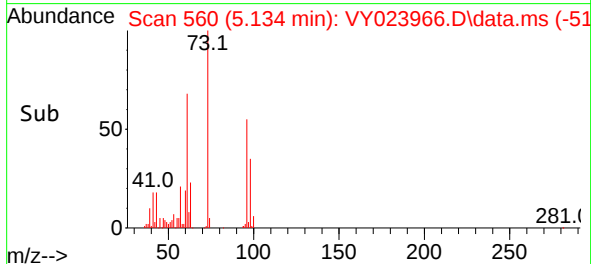
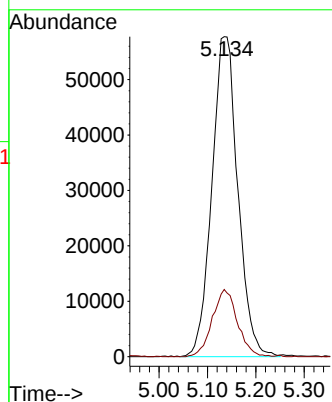
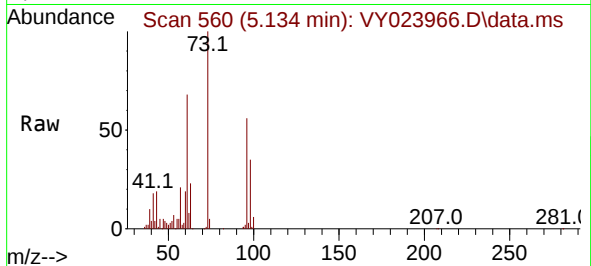




#19
Methyl tert-butyl Ether
Concen: 18.477 ug/l
RT: 5.134 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

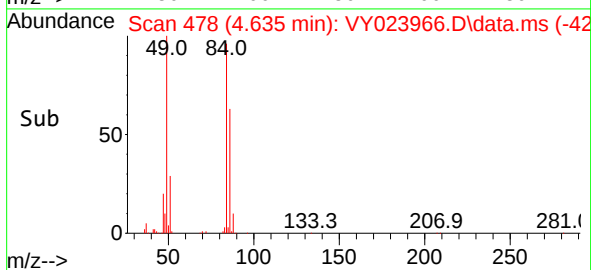
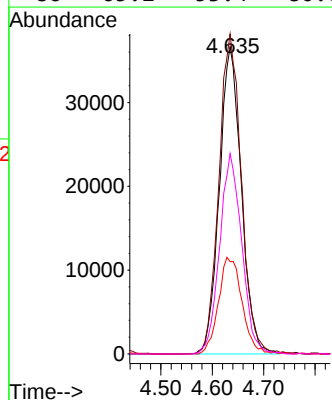
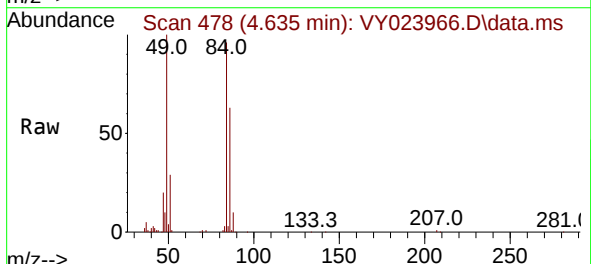
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

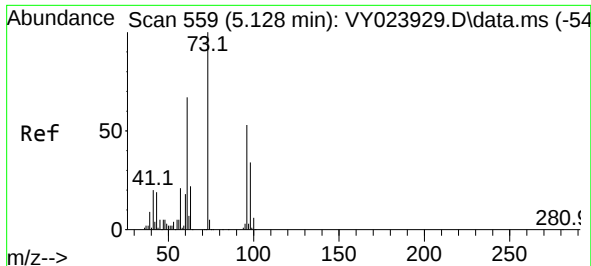
Tgt Ion: 73 Resp: 215171
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7



#20
Methylene Chloride
Concen: 19.497 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 84 Resp: 108824
Ion Ratio Lower Upper
84 100
49 104.1 89.1 133.7
51 30.0 26.6 39.8
86 65.2 53.4 80.0

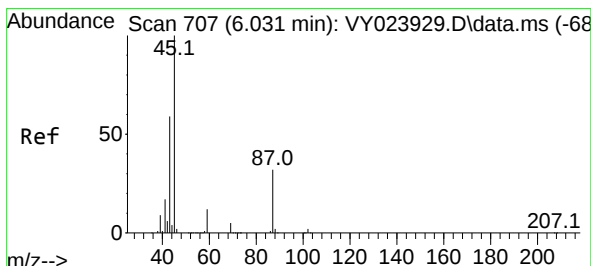
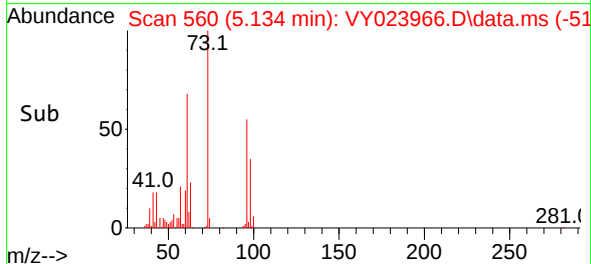
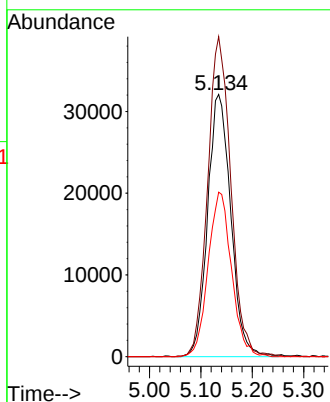
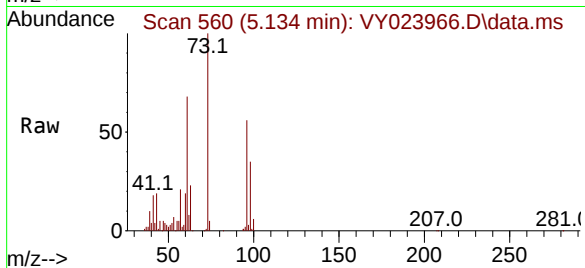




#21
trans-1,2-Dichloroethene
Concen: 18.785 ug/l
RT: 5.134 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

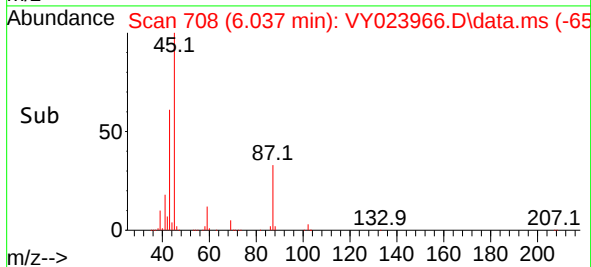
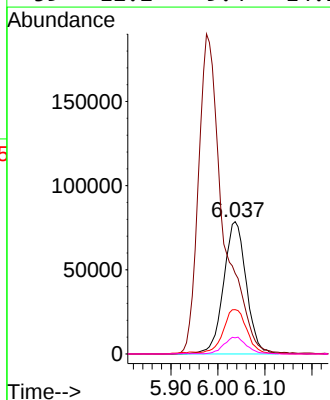
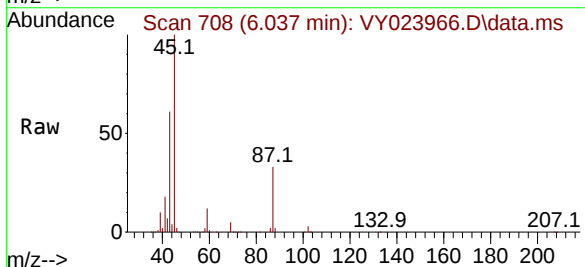
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

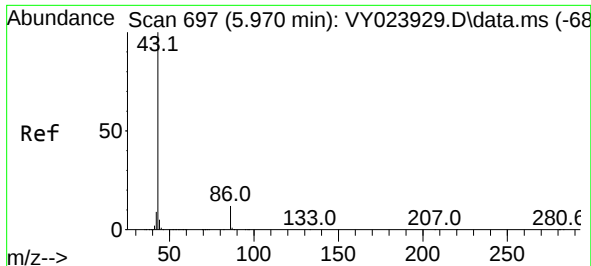
Tgt Ion: 96 Resp: 100426
Ion Ratio Lower Upper
96 100
61 121.7 101.4 152.0
98 62.7 51.7 77.5



#22
Diisopropyl ether
Concen: 18.560 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 45 Resp: 263331
Ion Ratio Lower Upper
45 100
43 60.7 47.0 70.6
87 33.0 26.0 39.0
59 12.2 9.4 14.2

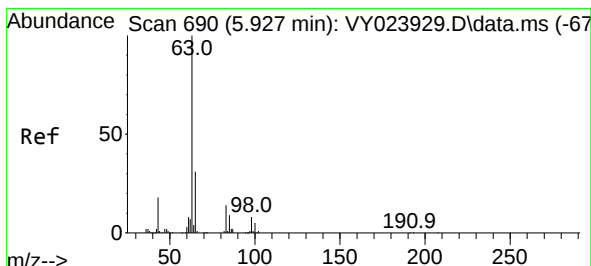
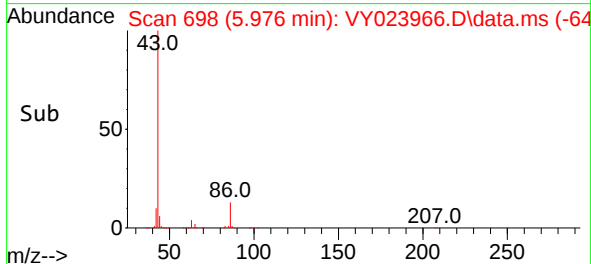
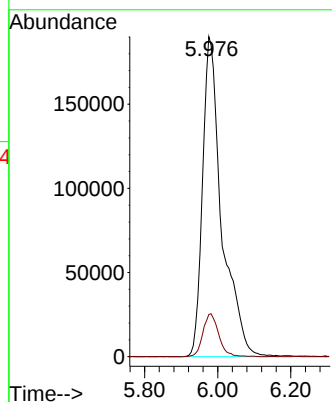
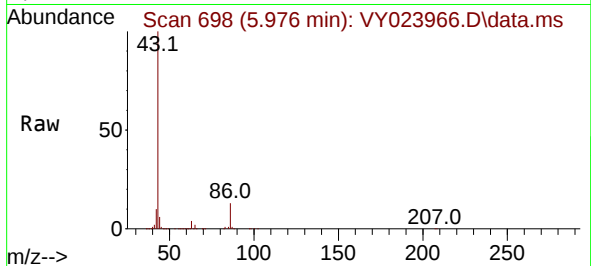




#23
 Vinyl Acetate
 Concen: 88.215 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY023966.D
 Acq: 15 Dec 2025 11:02

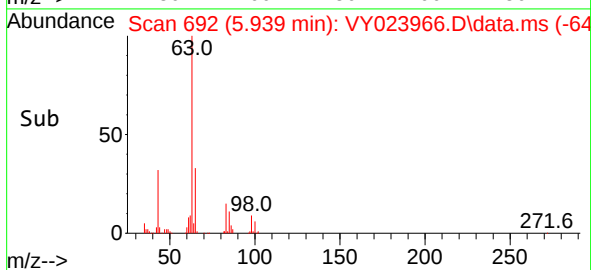
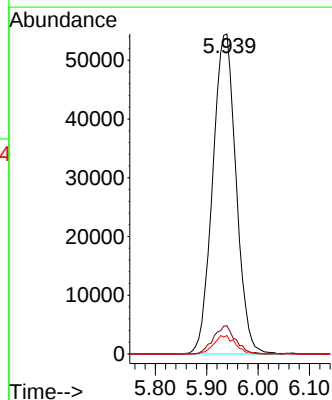
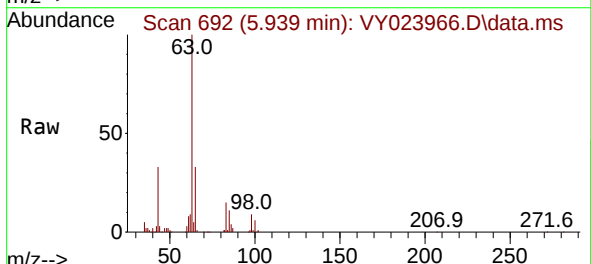
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBSD01

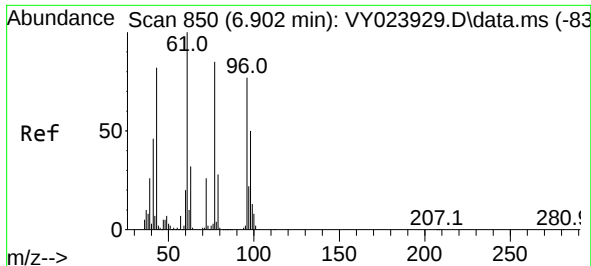
Tgt Ion: 43 Resp: 695453
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 19.503 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY023966.D
 Acq: 15 Dec 2025 11:02

Tgt Ion: 63 Resp: 172476
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.8 11.4
 100 5.8 2.3 6.9





#25

2-Butanone

Concen: 86.677 ug/l

RT: 6.915 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

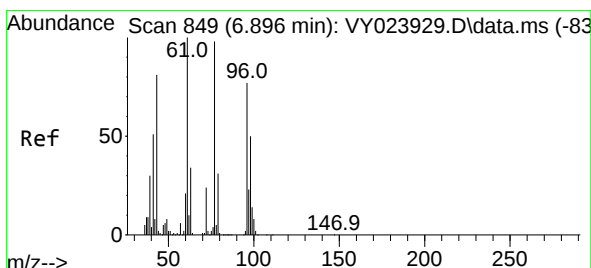
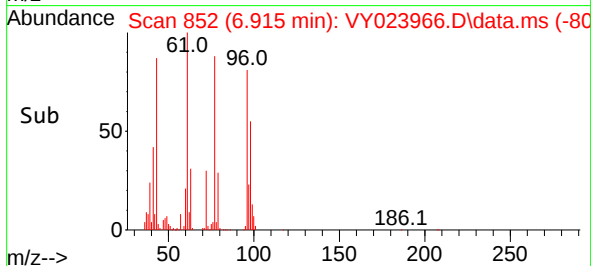
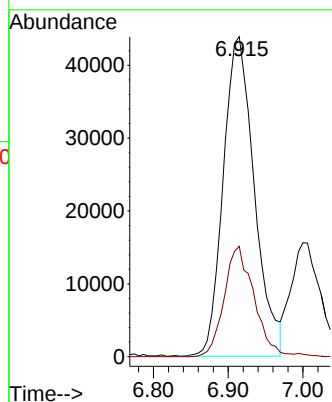
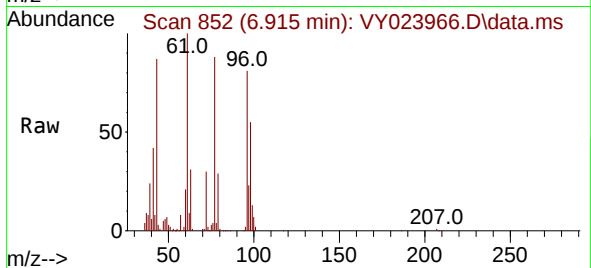
VY1215SBS01

Tgt Ion: 43 Resp: 127088

Ion Ratio Lower Upper

43 100

72 34.5 25.0 37.6



#26

2,2-Dichloropropane

Concen: 20.079 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY023966.D

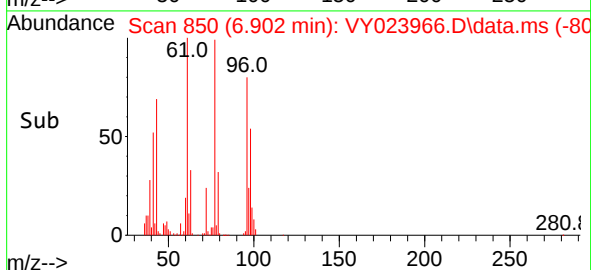
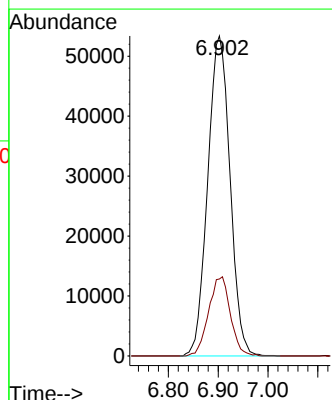
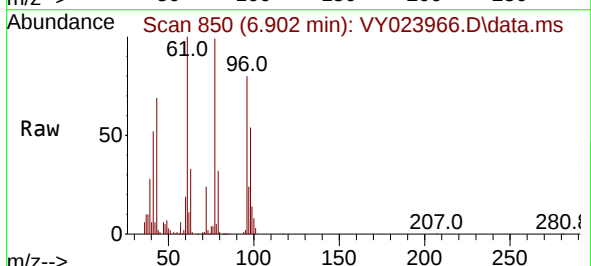
Acq: 15 Dec 2025 11:02

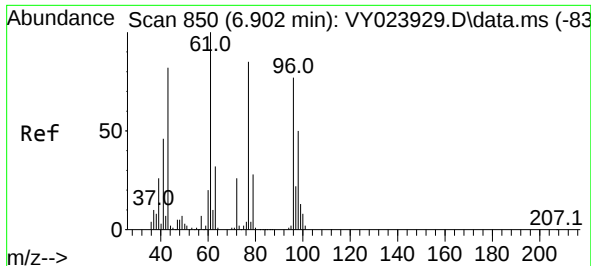
Tgt Ion: 77 Resp: 165800

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.142 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

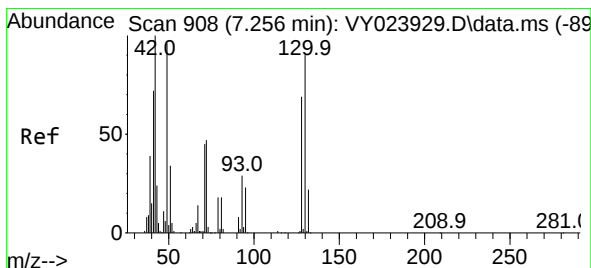
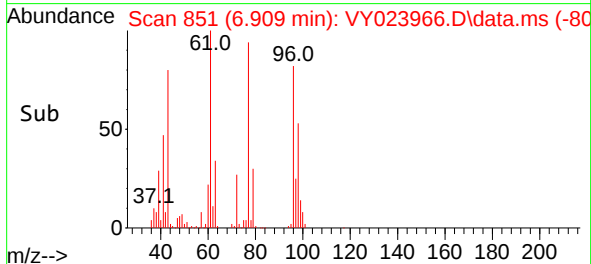
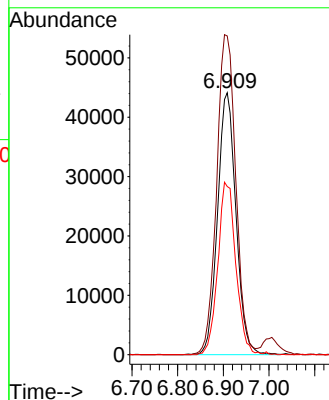
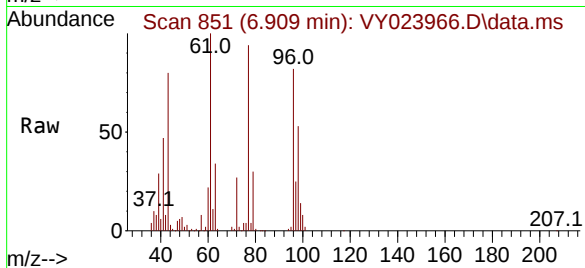
Tgt Ion: 96 Resp: 123611

Ion Ratio Lower Upper

96 100

61 127.0 0.0 264.6

98 64.4 0.0 129.6



#28

Bromochloromethane

Concen: 19.329 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

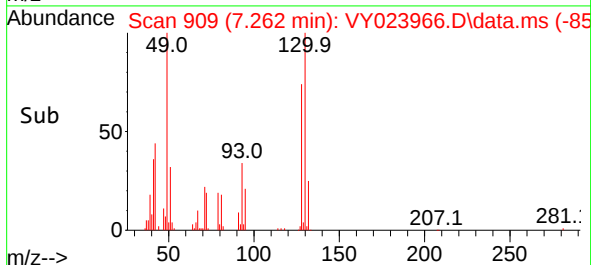
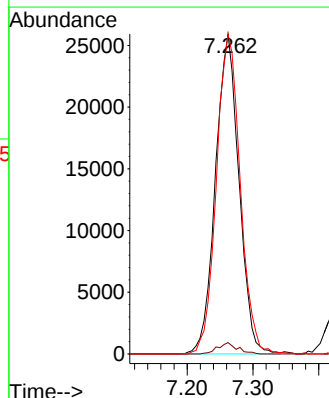
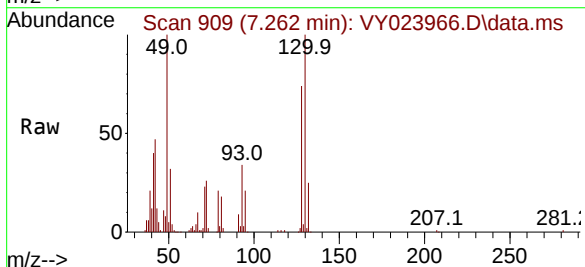
Tgt Ion: 49 Resp: 64399

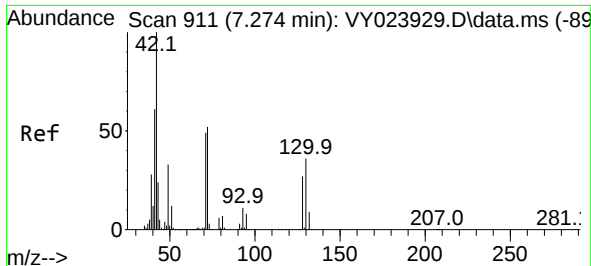
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.4

130 101.3 74.4 111.6





#29

Tetrahydrofuran

Concen: 78.588 ug/l

RT: 7.287 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

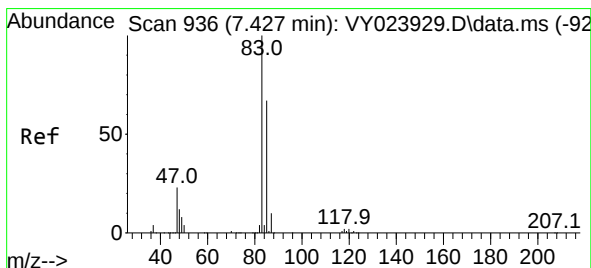
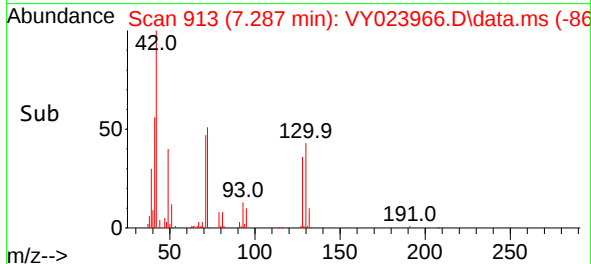
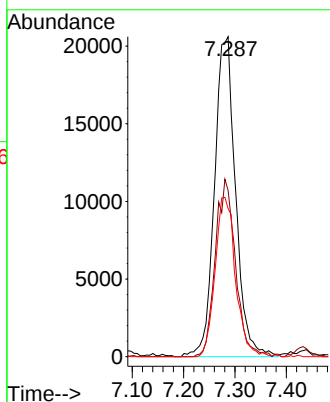
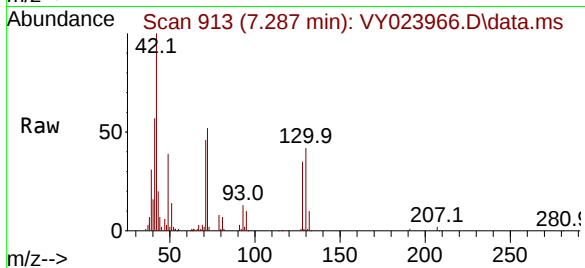
Tgt Ion: 42 Resp: 58766

Ion Ratio Lower Upper

42 100

72 53.2 40.0 60.0

71 48.3 37.7 56.5



#30

Chloroform

Concen: 19.776 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY023966.D

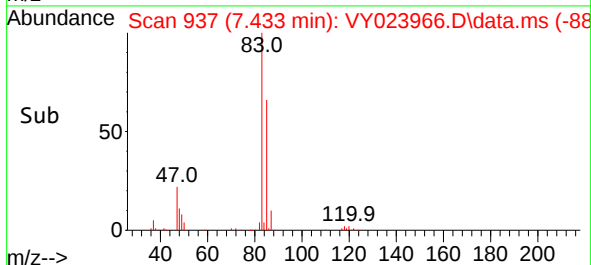
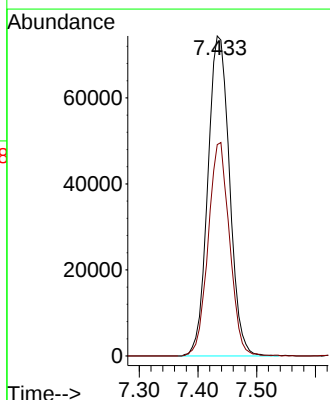
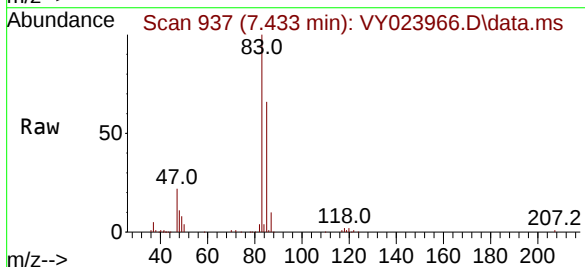
Acq: 15 Dec 2025 11:02

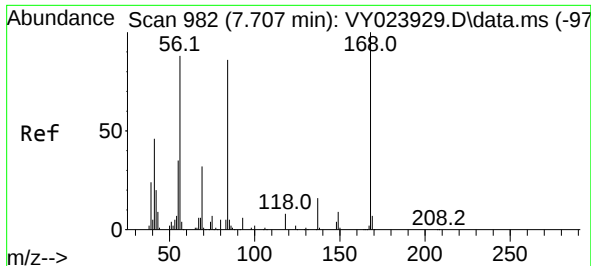
Tgt Ion: 83 Resp: 191038

Ion Ratio Lower Upper

83 100

85 66.1 53.4 80.0

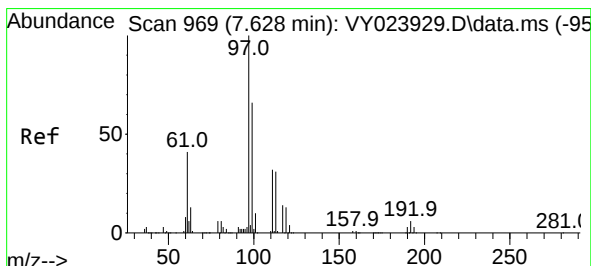
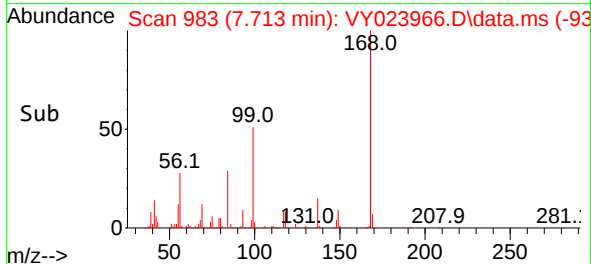
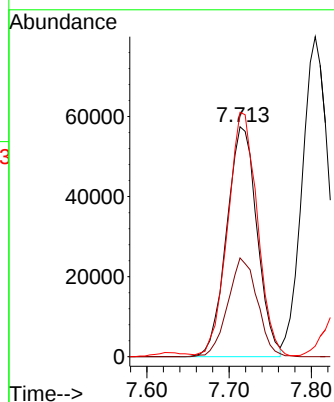
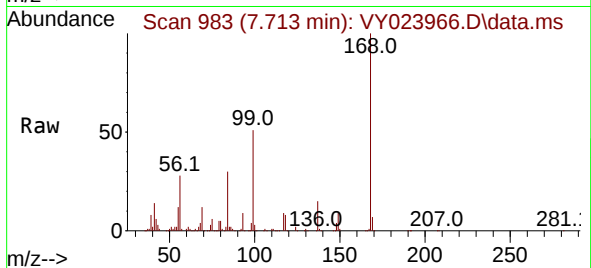




#31
Cyclohexane
Concen: 18.151 ug/l
RT: 7.713 min Scan# 913
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

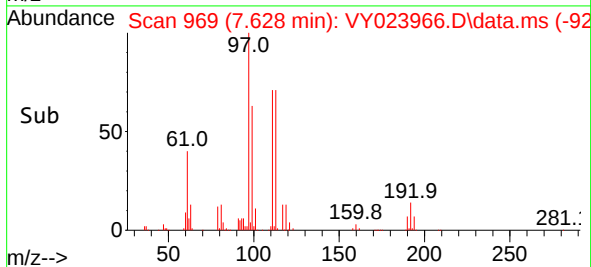
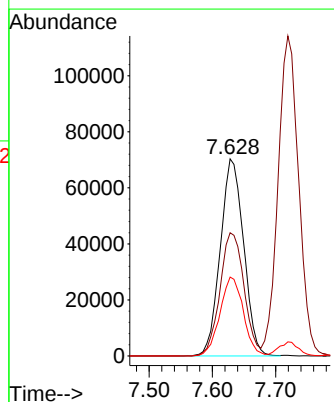
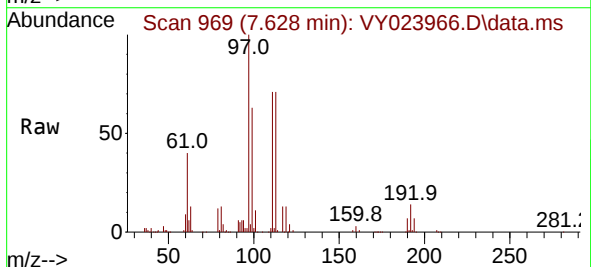
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBSD01

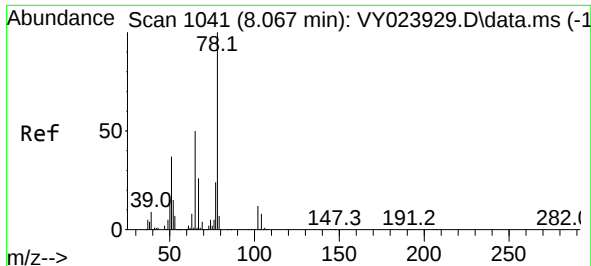
Tgt Ion: 56 Resp: 147686
Ion Ratio Lower Upper
56 100
69 43.0 29.1 43.7
84 105.0 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 20.119 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 97 Resp: 180234
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 40.1 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 49.213 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

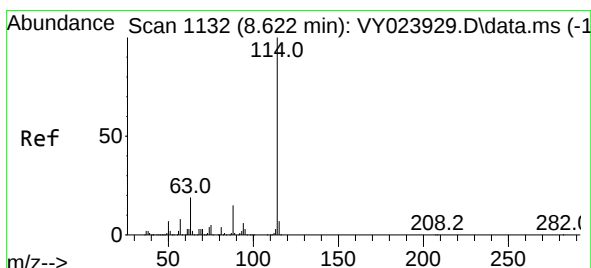
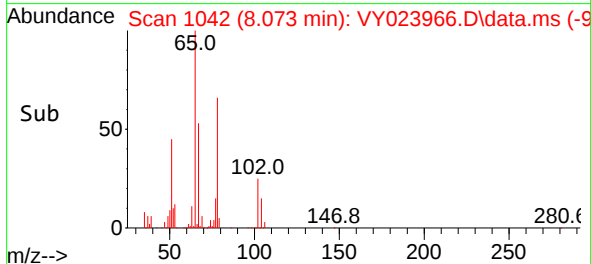
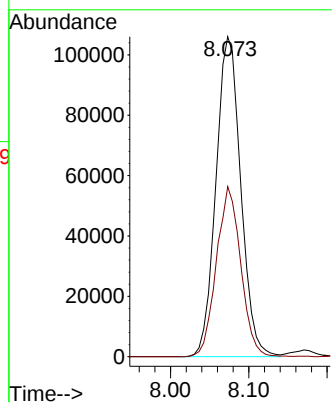
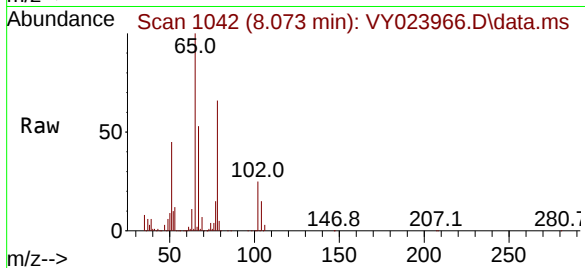
VY1215SBS01

Tgt Ion: 65 Resp: 233491

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

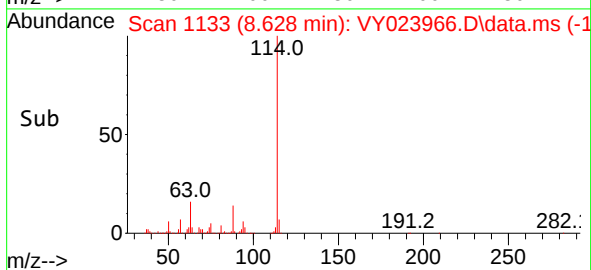
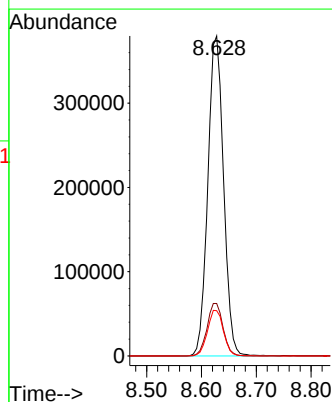
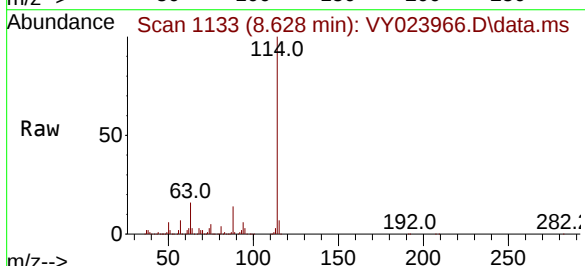
Tgt Ion: 114 Resp: 754522

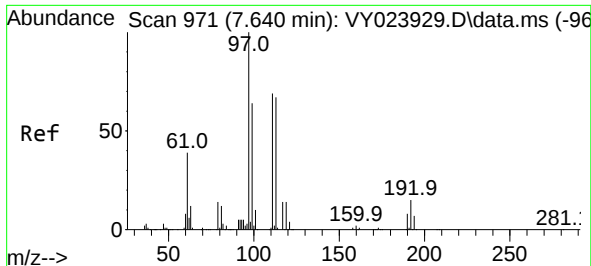
Ion Ratio Lower Upper

114 100

63 16.4 0.0 37.2

88 14.1 0.0 29.4

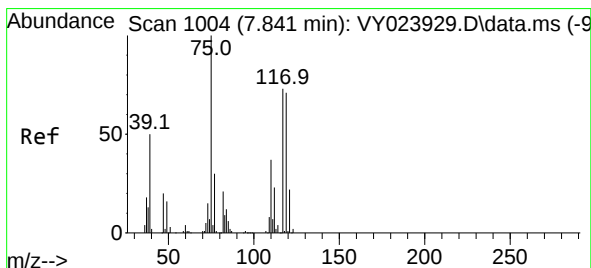
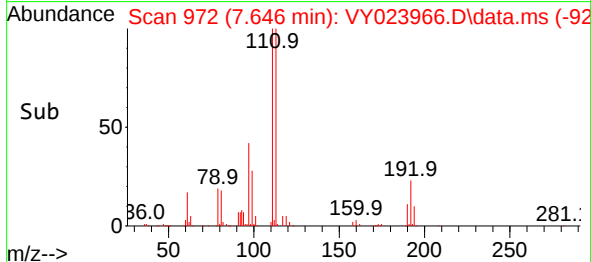
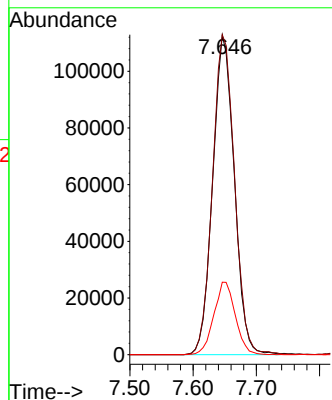
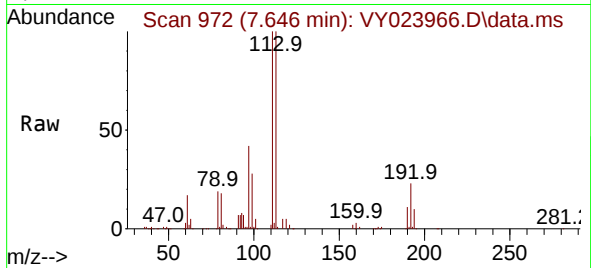




#35
Dibromofluoromethane
Concen: 54.058 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

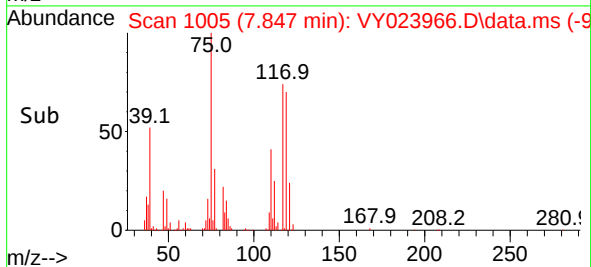
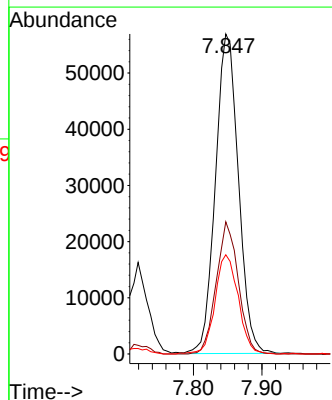
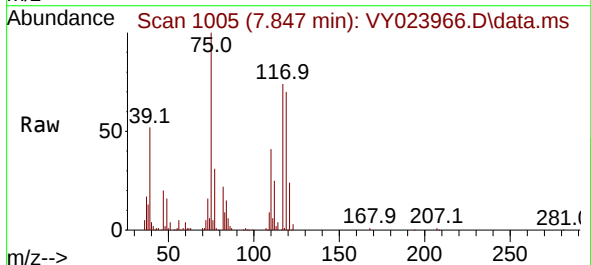
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

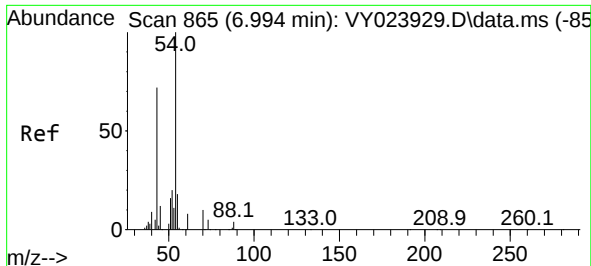
Tgt Ion:113 Resp: 266624
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 22.6 17.9 26.9



#36
1,1-Dichloropropene
Concen: 19.725 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 75 Resp: 132450
Ion Ratio Lower Upper
75 100
110 39.6 19.2 57.6
77 31.3 24.4 36.6

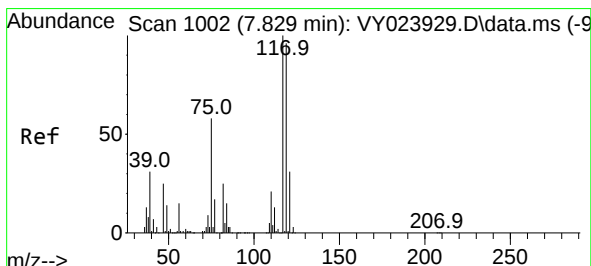
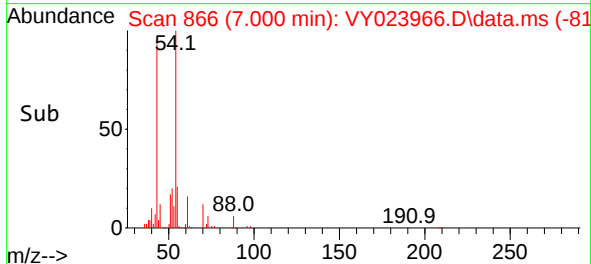
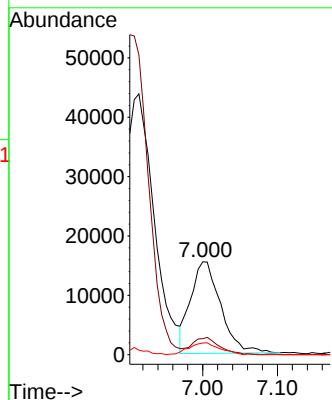
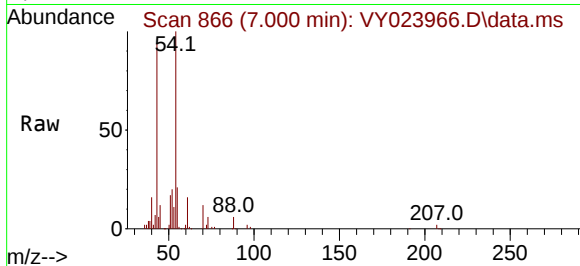




#37
Ethyl Acetate
Concen: 15.797 ug/l
RT: 7.000 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

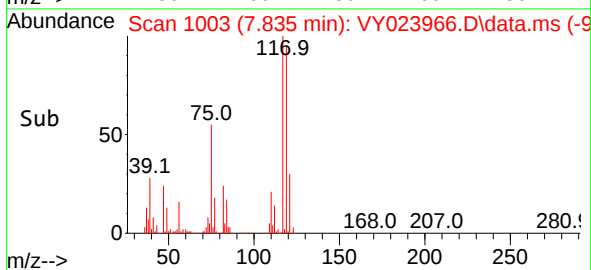
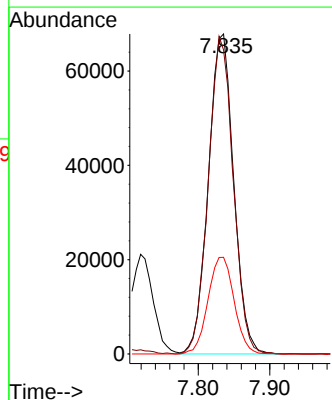
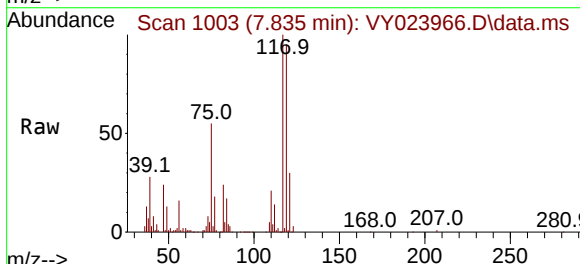
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBSD01

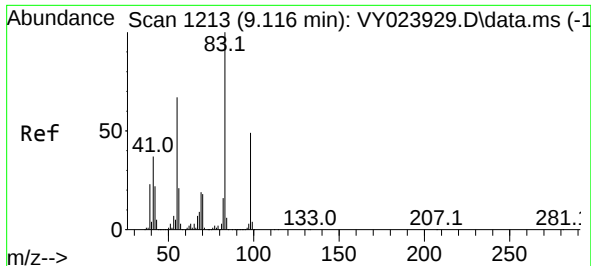
Tgt Ion: 43 Resp: 43193
Ion Ratio Lower Upper
43 100
61 17.4 11.9 17.9
70 13.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.528 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 117 Resp: 167079
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8
121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 19.584 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBSD01

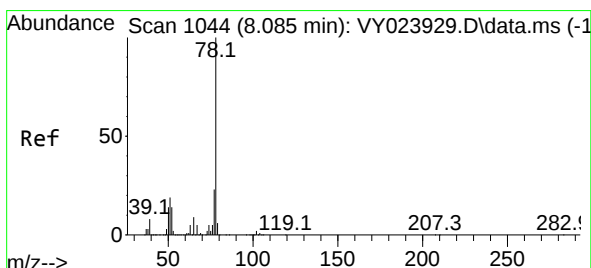
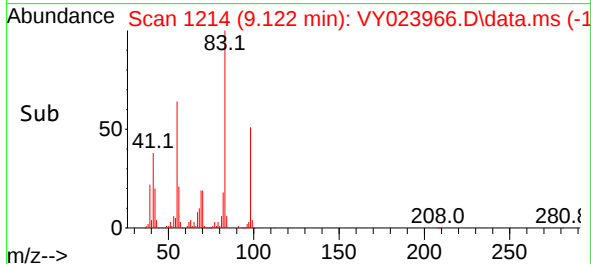
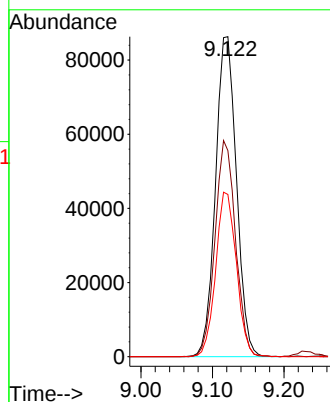
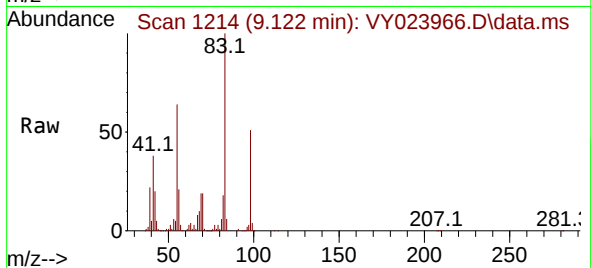
Tgt Ion: 83 Resp: 175686

Ion Ratio Lower Upper

83 100

55 64.4 53.4 80.0

98 50.7 39.2 58.8



#40

Benzene

Concen: 20.035 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY023966.D

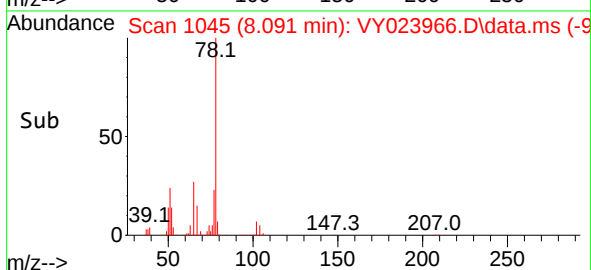
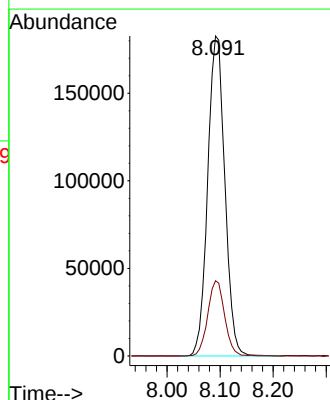
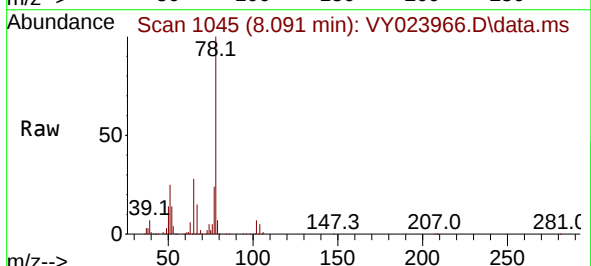
Acq: 15 Dec 2025 11:02

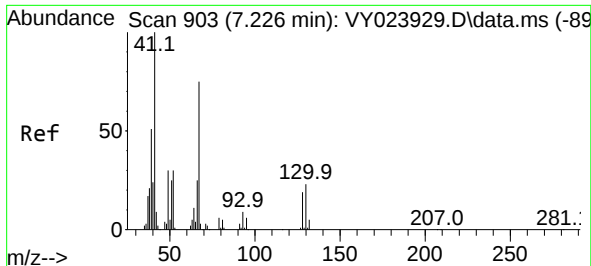
Tgt Ion: 78 Resp: 409669

Ion Ratio Lower Upper

78 100

77 23.5 18.3 27.5

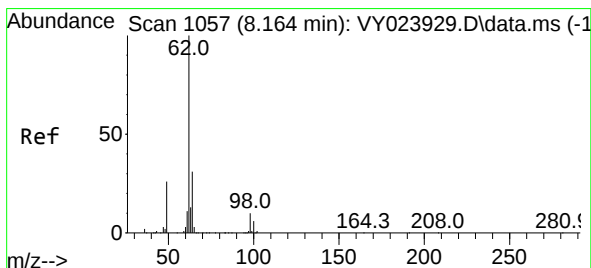
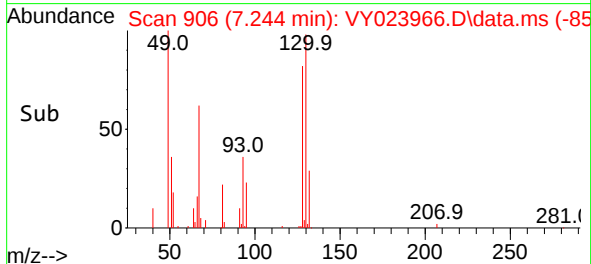
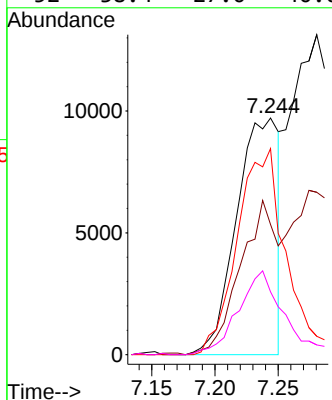
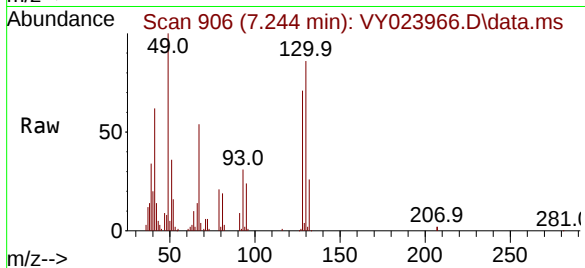




#41
Methacrylonitrile
Concen: 15.043 ug/l
RT: 7.244 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

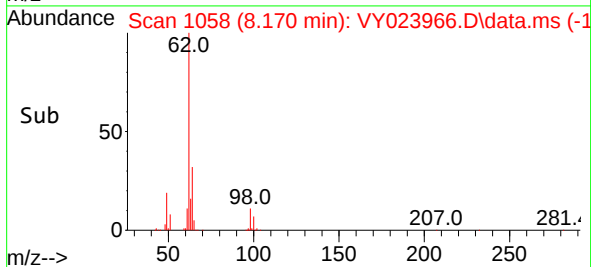
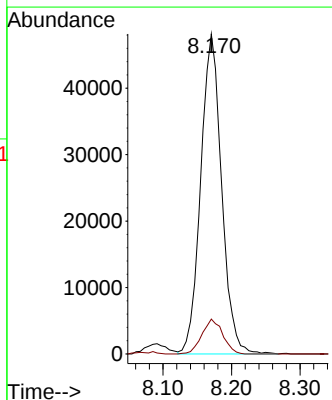
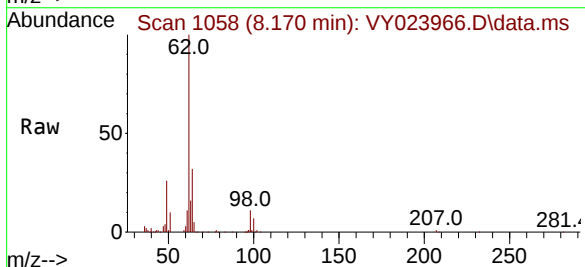
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBSD01

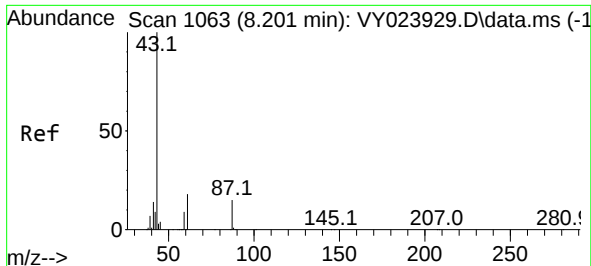
Tgt Ion: 41	Resp: 22628
Ion Ratio	Lower Upper
41 100	
39 55.6	50.6 75.8
67 98.8	68.0 102.0
52 38.4	27.0 40.6



#42
1,2-Dichloroethane
Concen: 19.076 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 62	Resp: 102291
Ion Ratio	Lower Upper
62 100	
98 10.8	0.0 20.8





#43

Isopropyl Acetate

Concen: 16.901 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

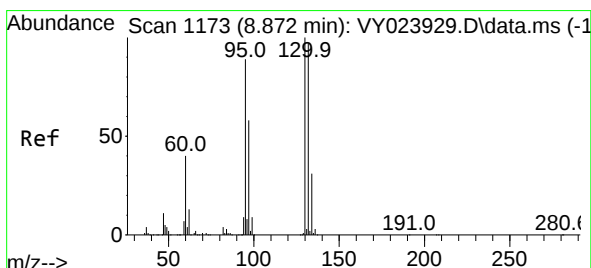
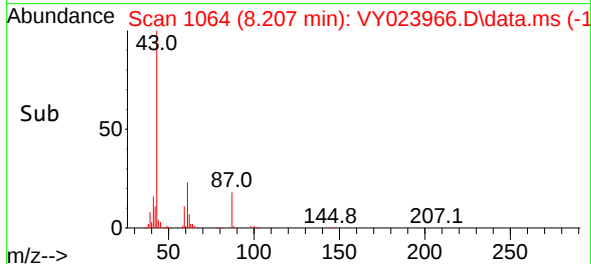
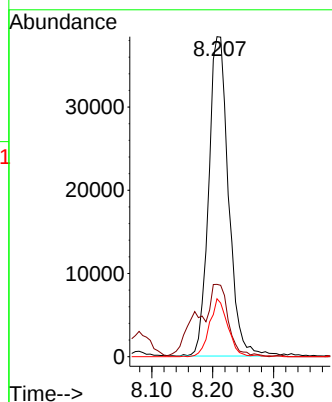
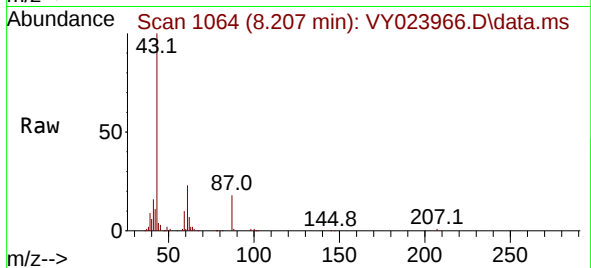
Tgt Ion: 43 Resp: 87038

Ion Ratio Lower Upper

43 100

61 21.1 17.4 26.2

87 16.6 12.3 18.5



#44

Trichloroethene

Concen: 20.495 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VY023966.D

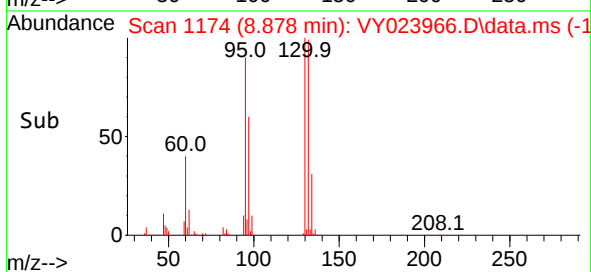
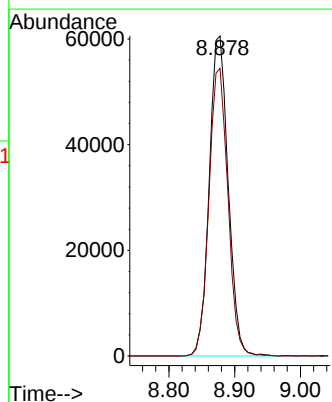
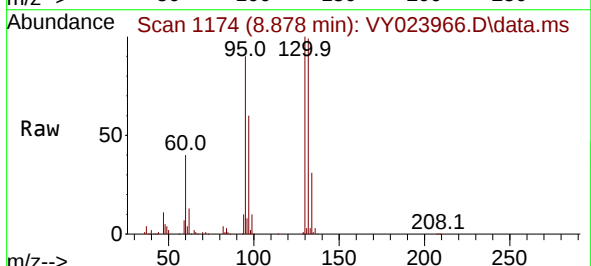
Acq: 15 Dec 2025 11:02

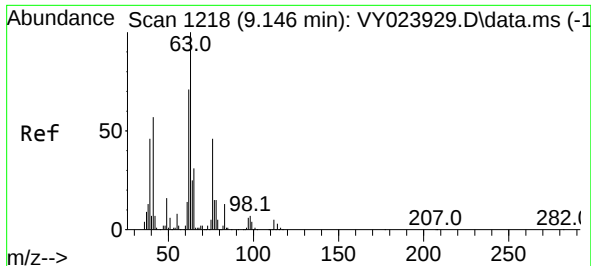
Tgt Ion:130 Resp: 121517

Ion Ratio Lower Upper

130 100

95 89.9 0.0 178.8





#45

1,2-Dichloropropane

Concen: 19.271 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

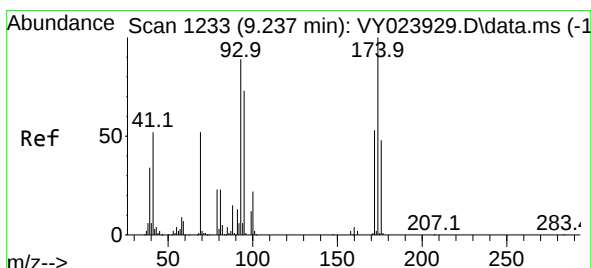
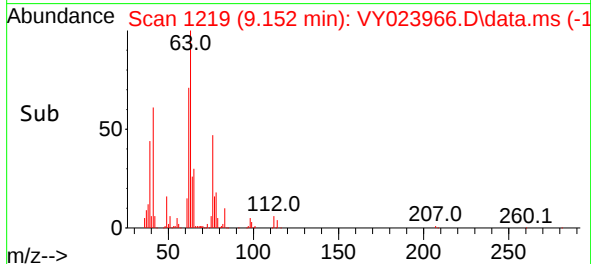
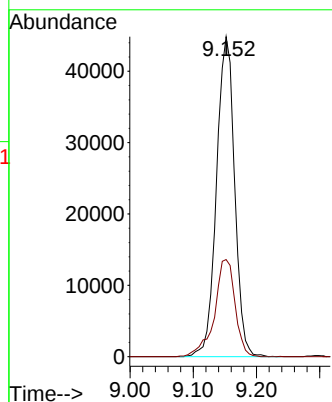
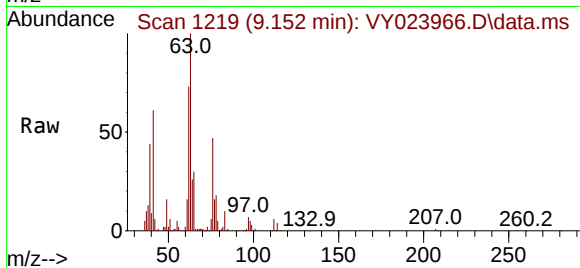
VY1215SBS01

Tgt Ion: 63 Resp: 88908

Ion Ratio Lower Upper

63 100

65 30.3 25.1 37.7



#46

Dibromomethane

Concen: 19.508 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

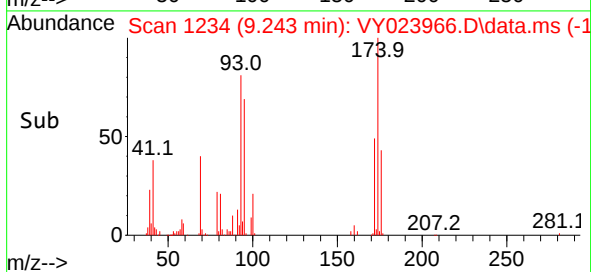
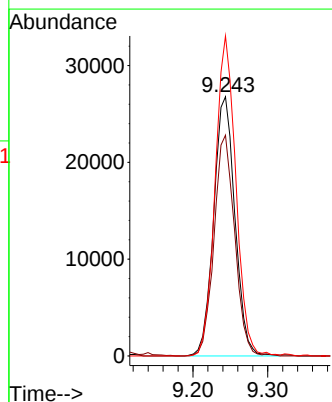
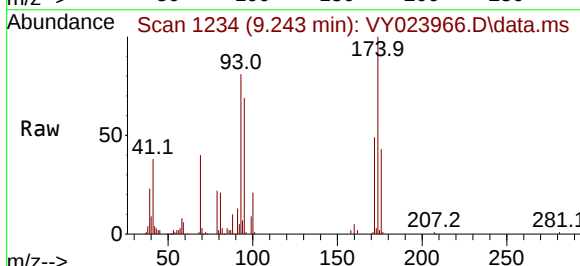
Tgt Ion: 93 Resp: 53010

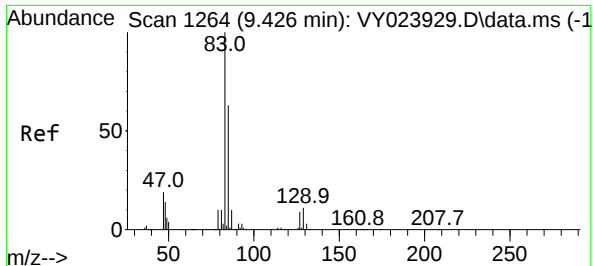
Ion Ratio Lower Upper

93 100

95 83.0 65.1 97.7

174 119.8 90.6 136.0





#47

Bromodichloromethane

Concen: 19.749 ug/l

RT: 9.432 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

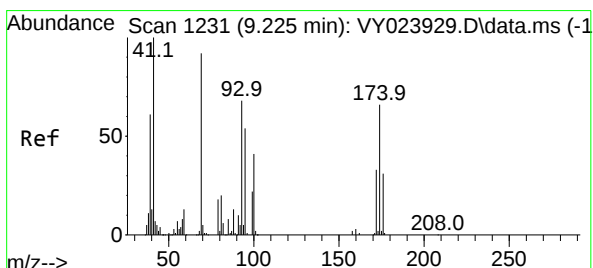
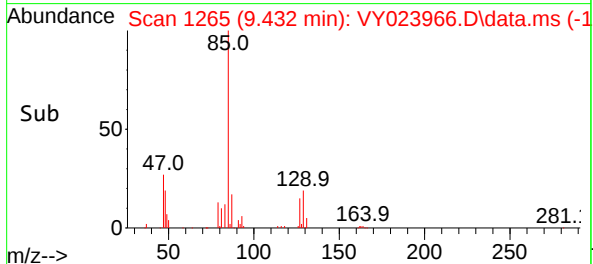
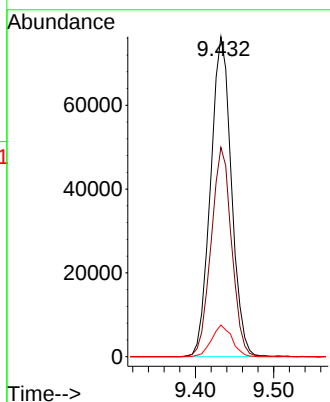
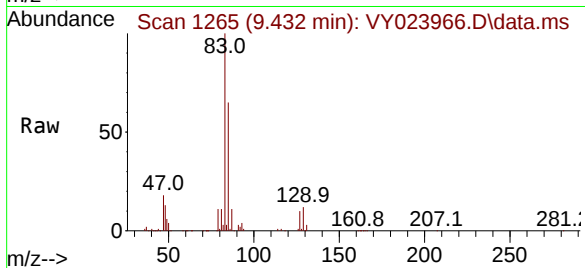
Tgt Ion: 83 Resp: 141175

Ion Ratio Lower Upper

83 100

85 65.4 50.7 76.1

127 9.9 7.0 10.4



#48

Methyl methacrylate

Concen: 16.207 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

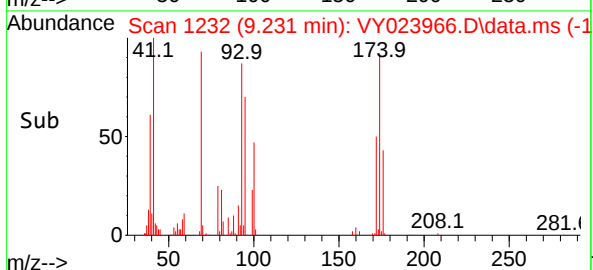
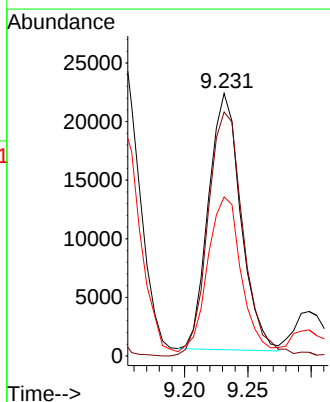
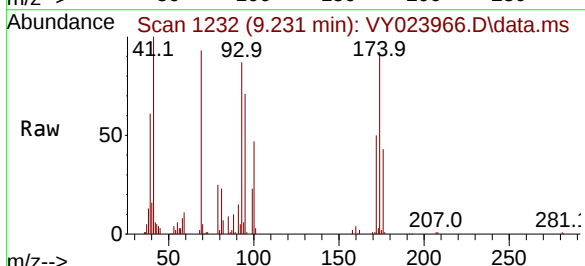
Tgt Ion: 41 Resp: 38855

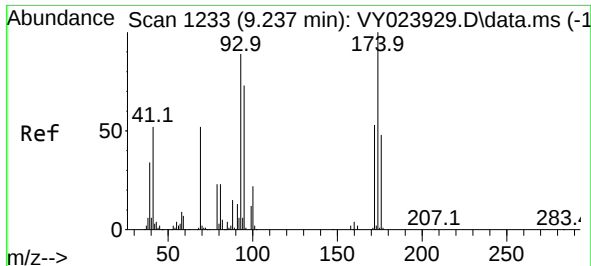
Ion Ratio Lower Upper

41 100

69 104.3 74.7 112.1

39 62.7 47.4 71.2





#49

1,4-Dioxane

Concen: 306.568 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

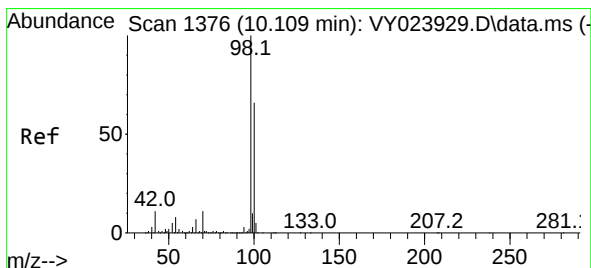
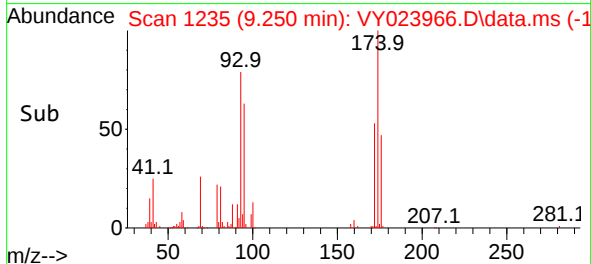
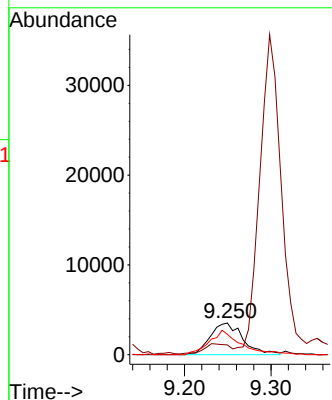
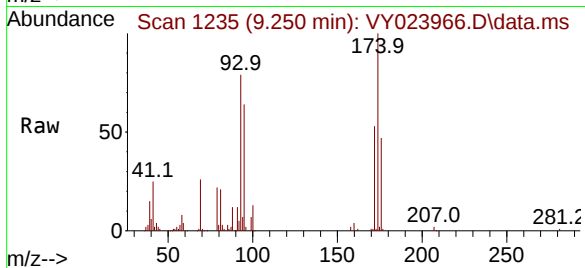
Tgt Ion: 88 Resp: 9287

Ion Ratio Lower Upper

88 100

43 24.3 22.3 33.5

58 74.4 52.3 78.5



#50

Toluene-d8

Concen: 53.586 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY023966.D

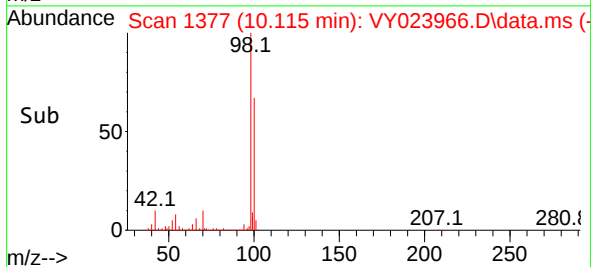
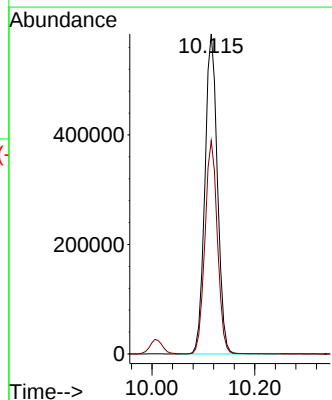
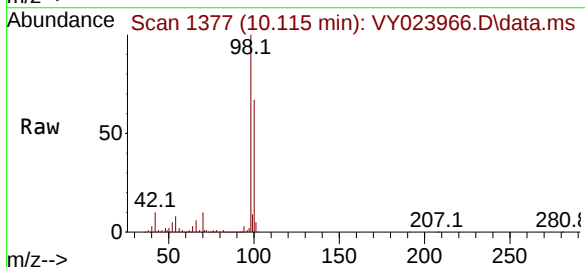
Acq: 15 Dec 2025 11:02

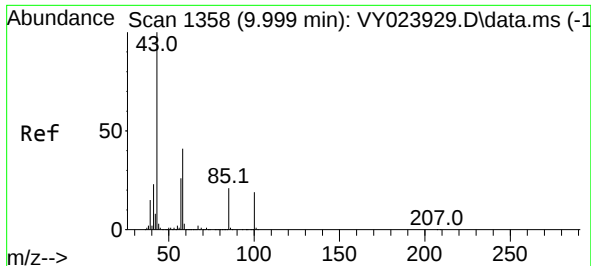
Tgt Ion: 98 Resp: 984007

Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 81.970 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

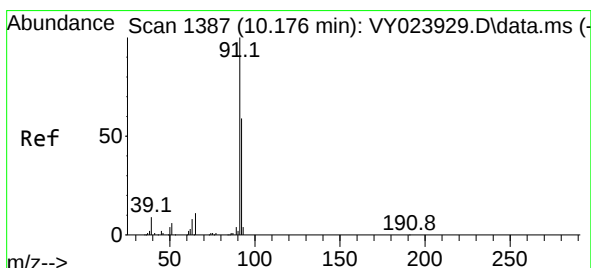
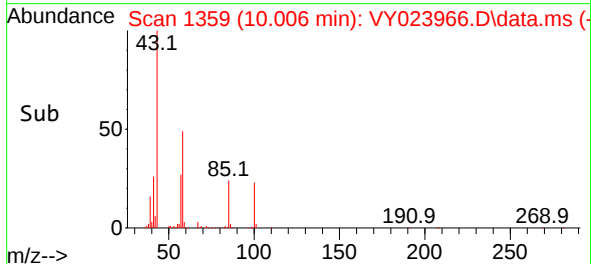
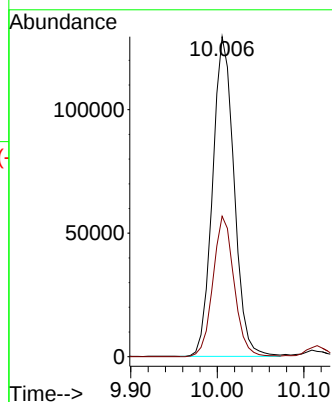
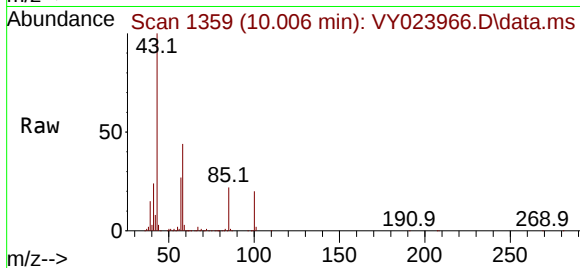
VY1215SBS01

Tgt Ion: 43 Resp: 223657

Ion Ratio Lower Upper

43 100

58 43.2 33.1 49.7



#52

Toluene

Concen: 20.005 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VY023966.D

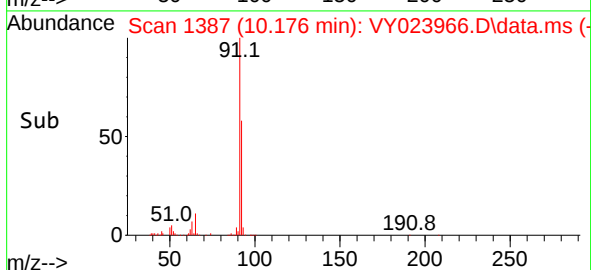
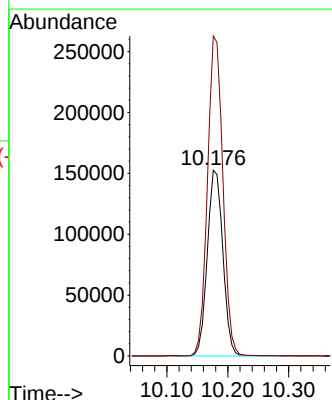
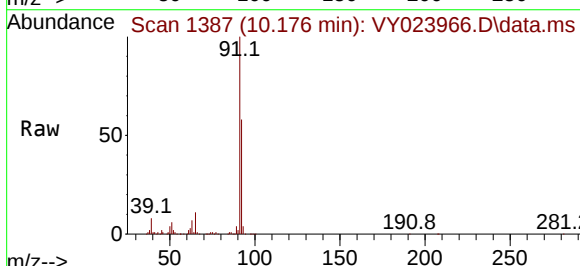
Acq: 15 Dec 2025 11:02

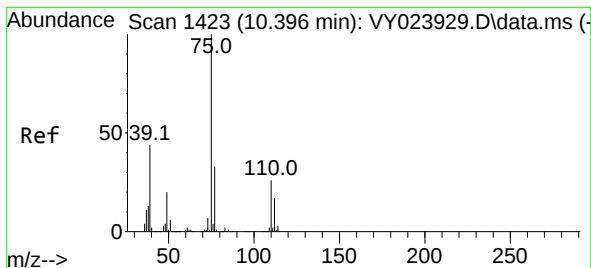
Tgt Ion: 92 Resp: 270687

Ion Ratio Lower Upper

92 100

91 170.1 135.8 203.6

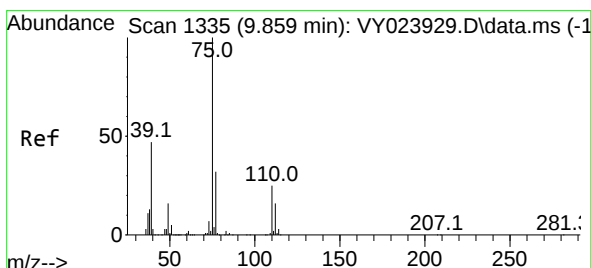
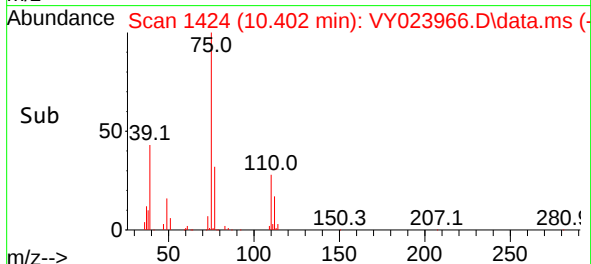
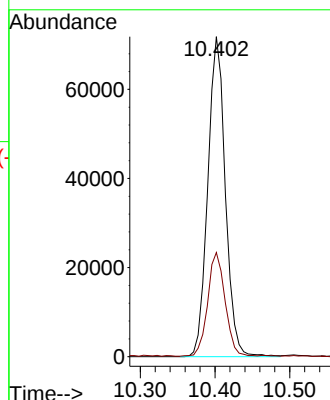
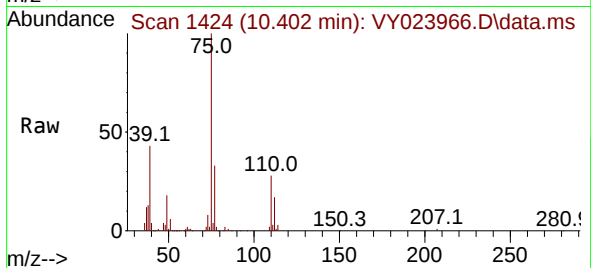




#53
t-1,3-Dichloropropene
Concen: 18.951 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

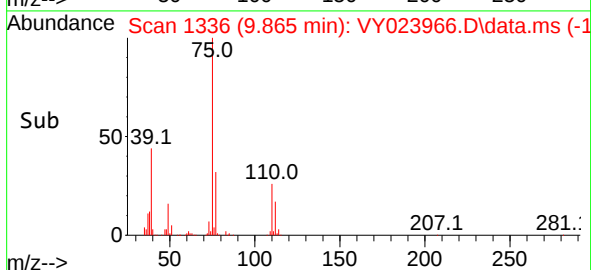
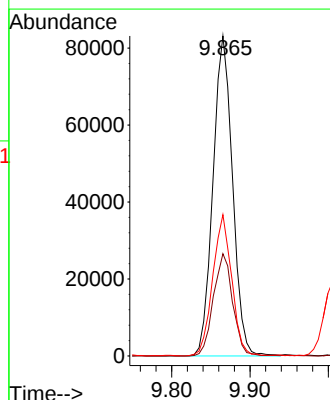
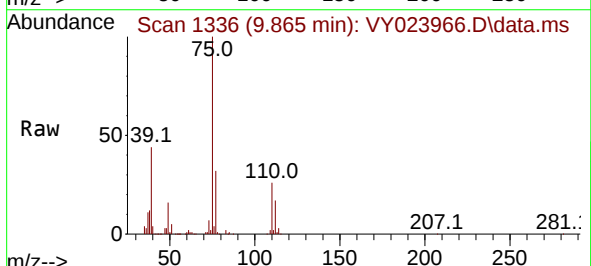
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBSD01

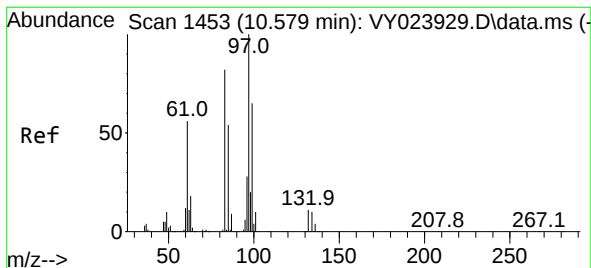
Tgt Ion: 75 Resp: 117067
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 19.811 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 75 Resp: 144213
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 44.1 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 19.432 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

Tgt Ion: 97 Resp: 72674

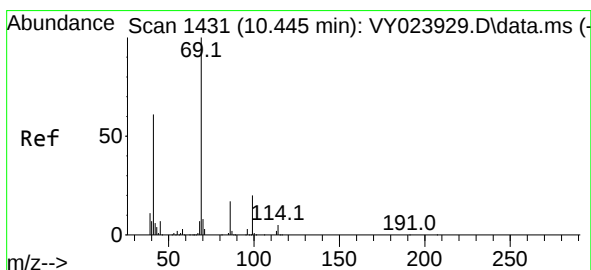
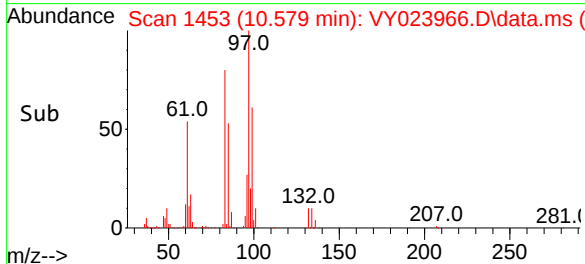
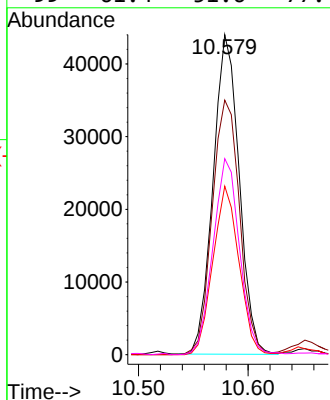
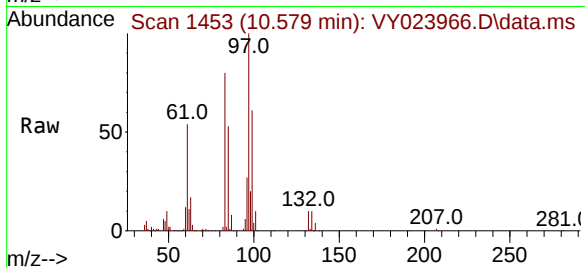
Ion Ratio Lower Upper

97 100

83 79.6 65.8 98.6

85 52.8 43.1 64.7

99 61.4 51.6 77.4



#56

Ethyl methacrylate

Concen: 17.514 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

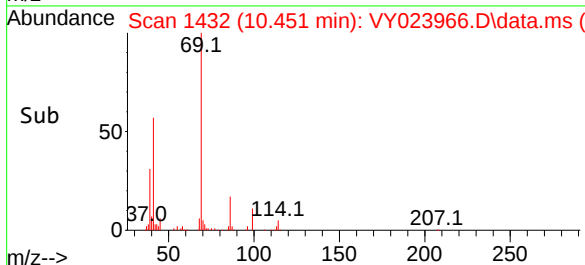
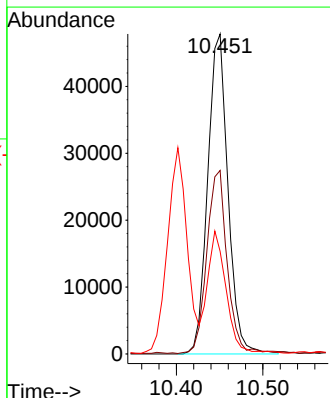
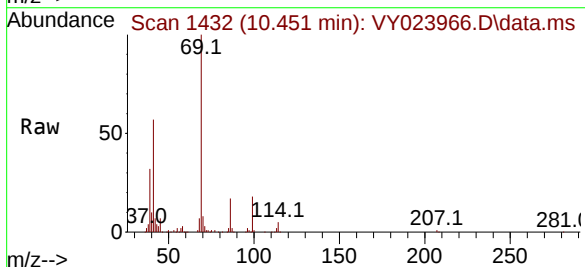
Tgt Ion: 69 Resp: 77652

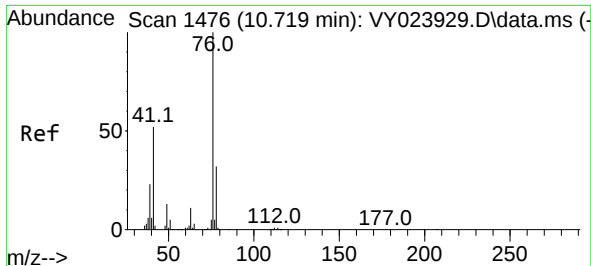
Ion Ratio Lower Upper

69 100

41 57.5 49.0 73.4

39 33.6 29.1 43.7





#57

1,3-Dichloropropane

Concen: 18.977 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

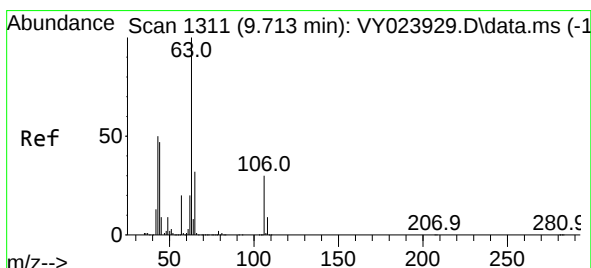
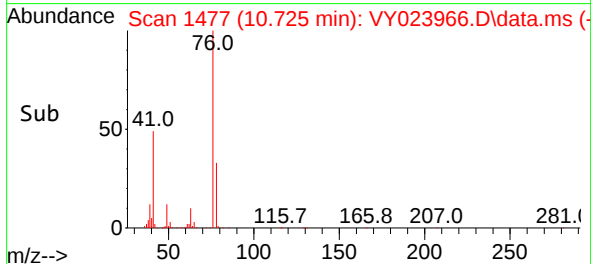
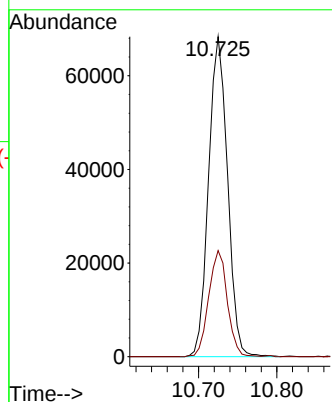
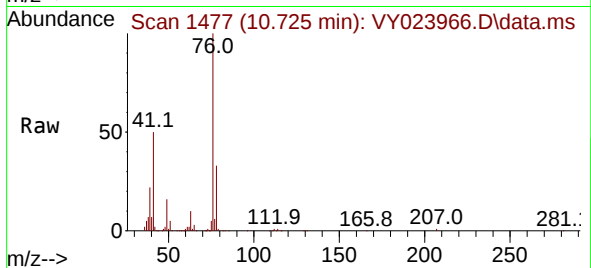
VY1215SBSD01

Tgt Ion: 76 Resp: 114792

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 87.262 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY023966.D

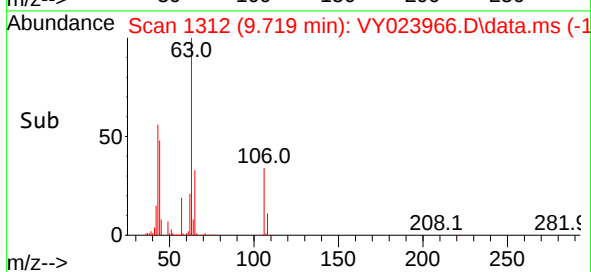
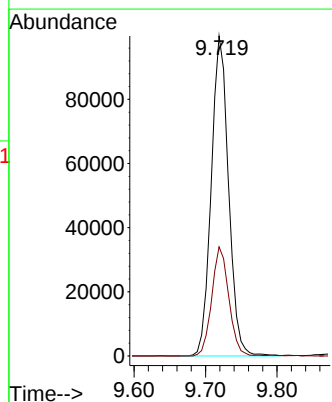
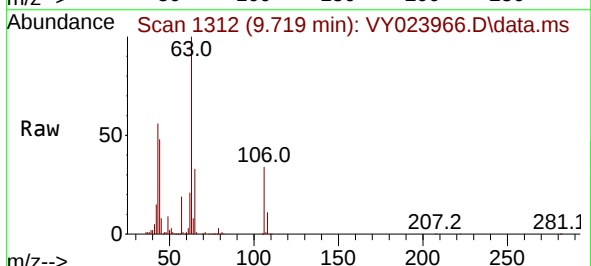
Acq: 15 Dec 2025 11:02

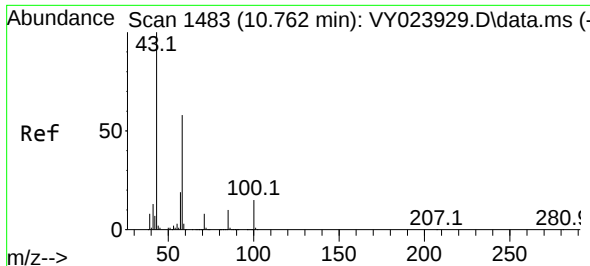
Tgt Ion: 63 Resp: 167589

Ion Ratio Lower Upper

63 100

106 33.6 25.2 37.8

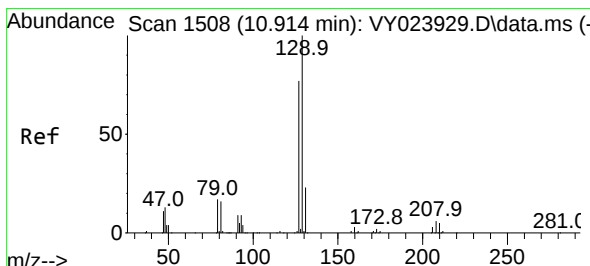
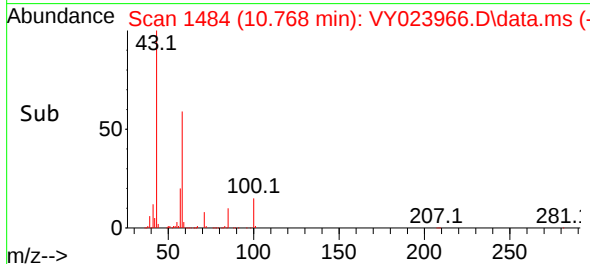
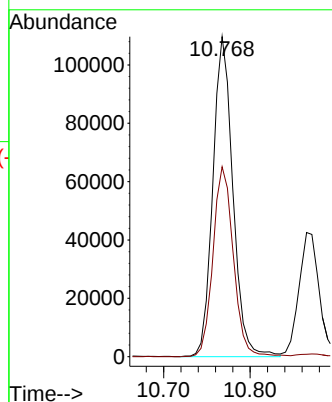
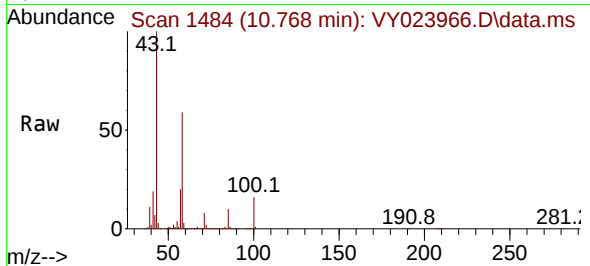




#59
2-Hexanone
Concen: 85.085 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

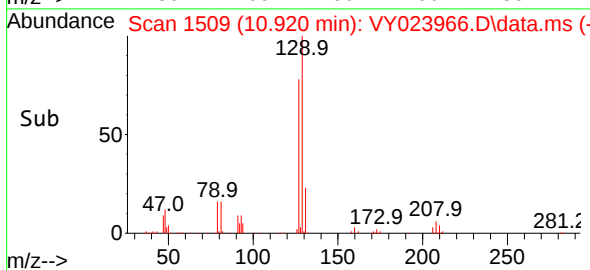
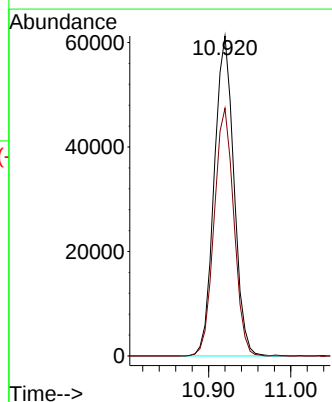
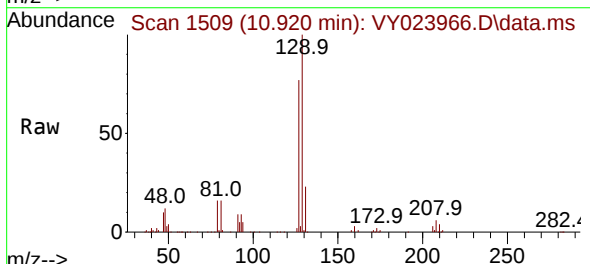
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBSD01

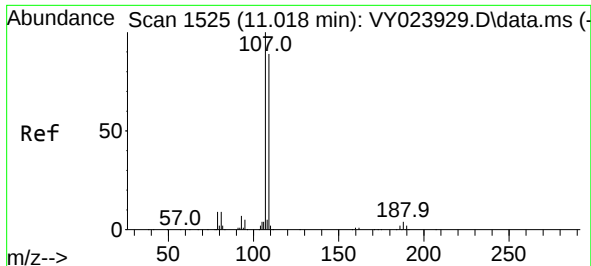
Tgt Ion: 43 Resp: 176197
Ion Ratio Lower Upper
43 100
58 60.4 29.0 87.0



#60
Dibromochloromethane
Concen: 19.650 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 129 Resp: 101747
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5

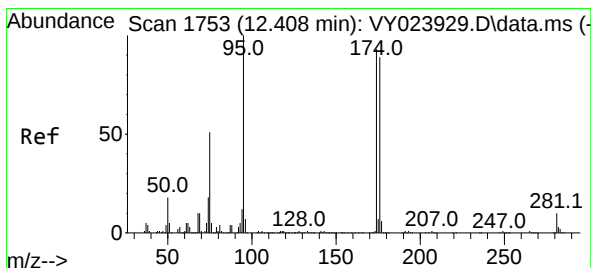
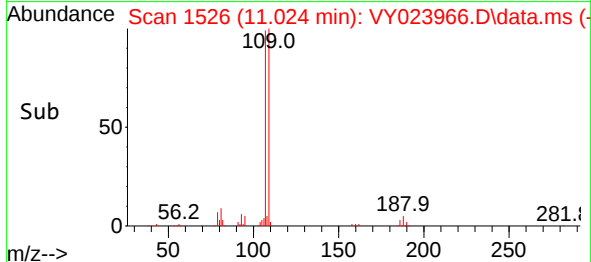
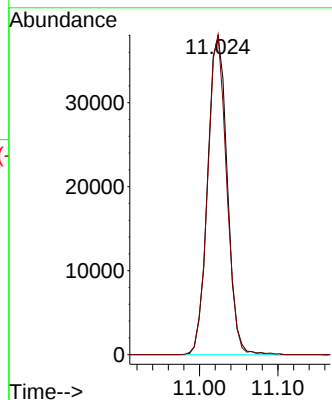
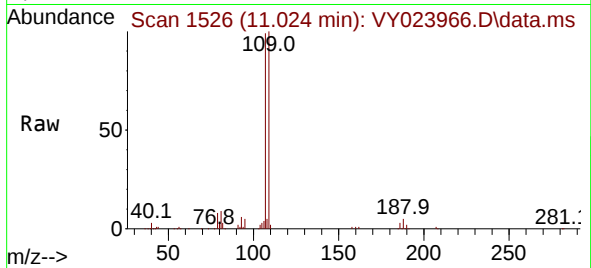




#61
1,2-Dibromoethane
Concen: 18.977 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

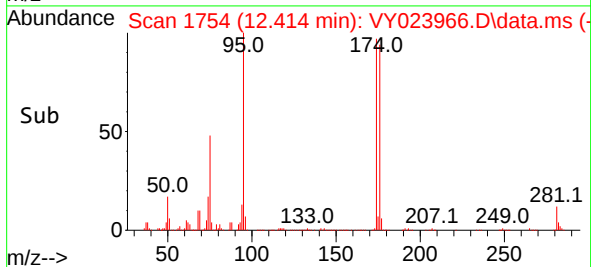
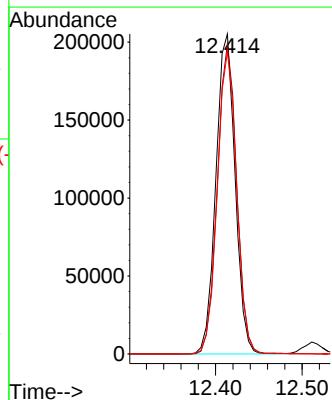
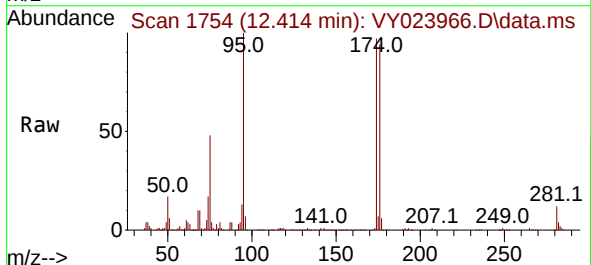
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBSD01

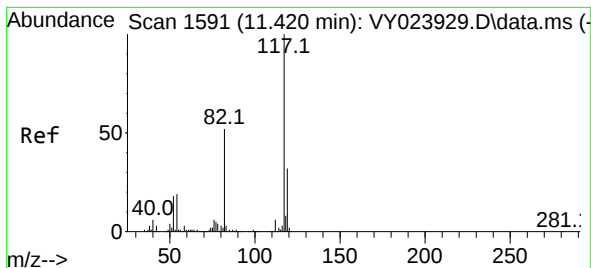
Tgt Ion:107 Resp: 65767
Ion Ratio Lower Upper
107 100
109 97.4 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 51.600 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 95 Resp: 316436
Ion Ratio Lower Upper
95 100
174 97.1 0.0 187.4
176 94.9 0.0 179.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

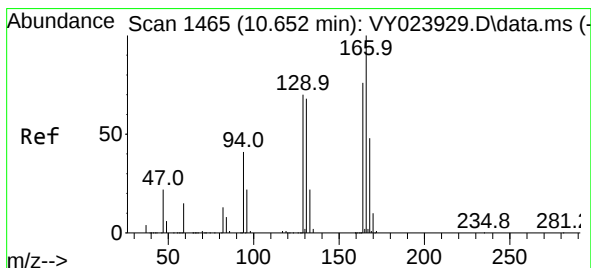
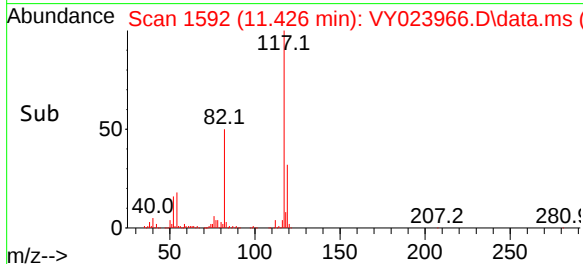
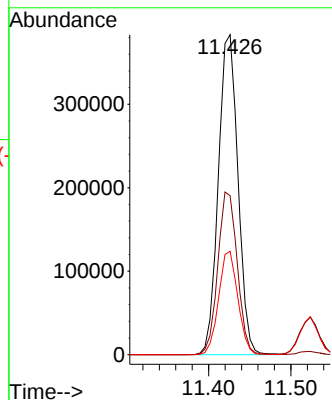
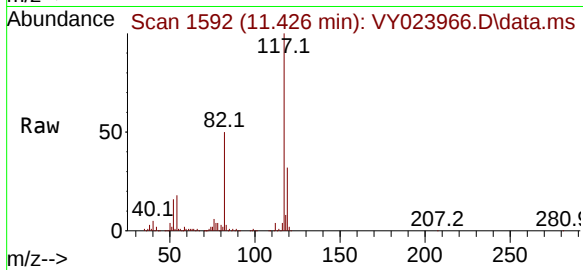
Tgt Ion:117 Resp: 635947

Ion Ratio Lower Upper

117 100

82 49.7 41.4 62.2

119 32.3 25.5 38.3



#64

Tetrachloroethene

Concen: 20.839 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Tgt Ion:164 Resp: 142373

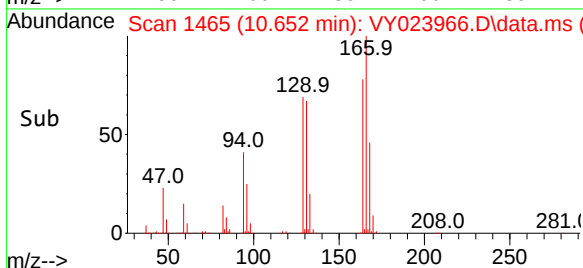
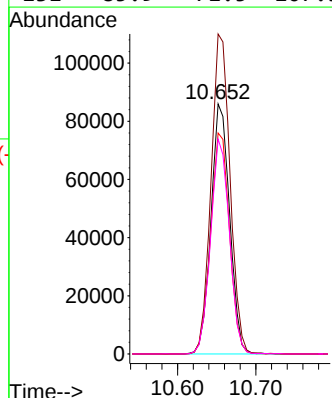
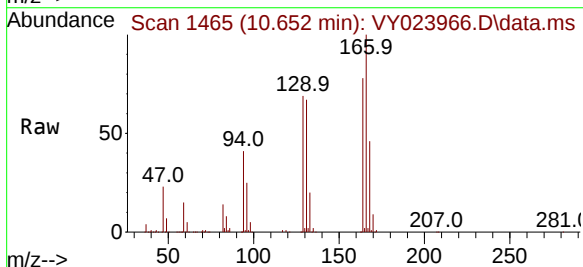
Ion Ratio Lower Upper

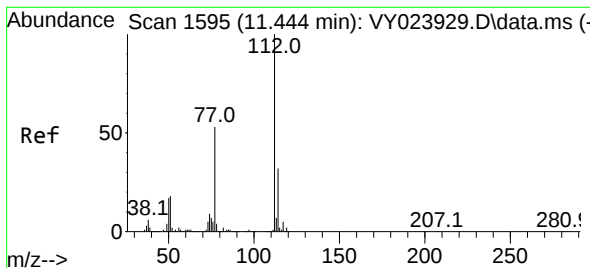
164 100

166 128.0 105.0 157.4

129 88.4 73.0 109.4

131 85.9 71.5 107.3





#65

Chlorobenzene

Concen: 20.654 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

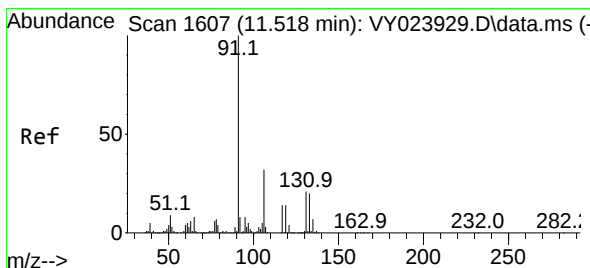
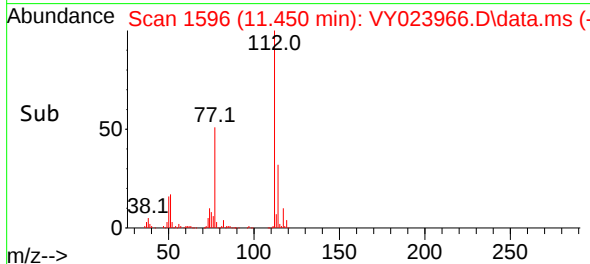
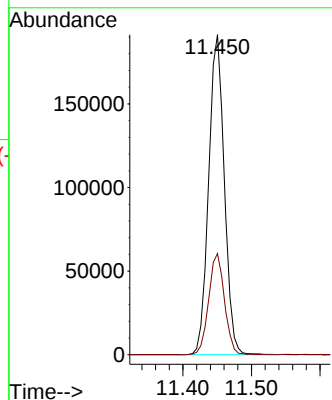
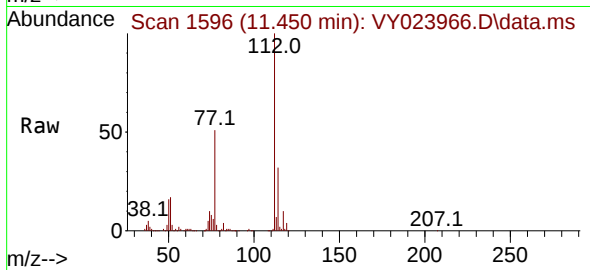
VY1215SBS01

Tgt Ion:112 Resp: 304363

Ion Ratio Lower Upper

112 100

114 31.6 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.959 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

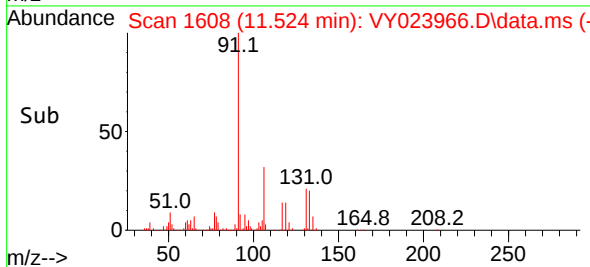
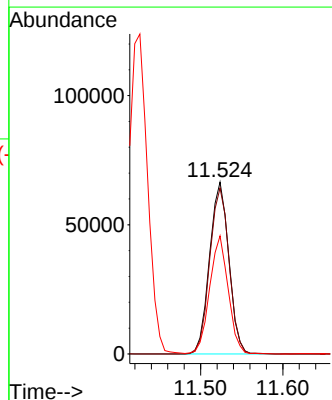
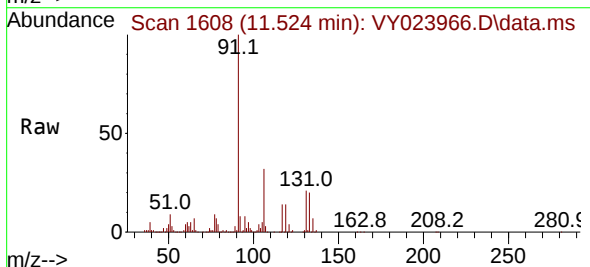
Tgt Ion:131 Resp: 108320

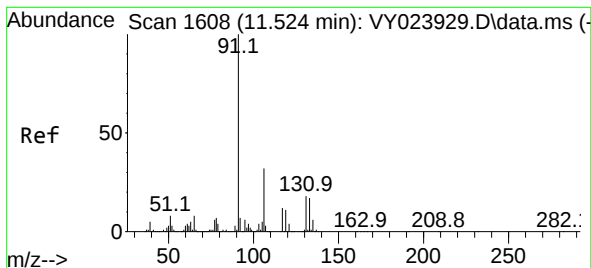
Ion Ratio Lower Upper

131 100

133 97.1 48.4 145.3

119 66.1 33.1 99.2

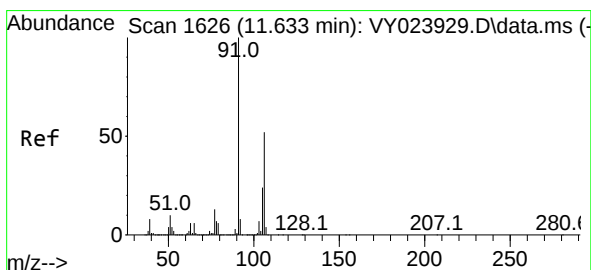
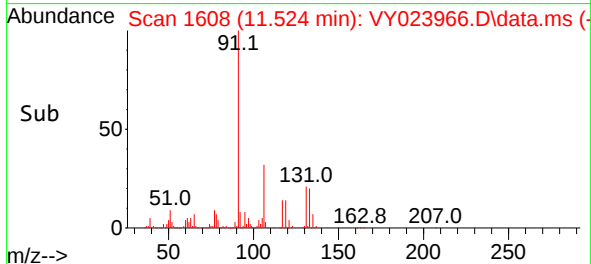
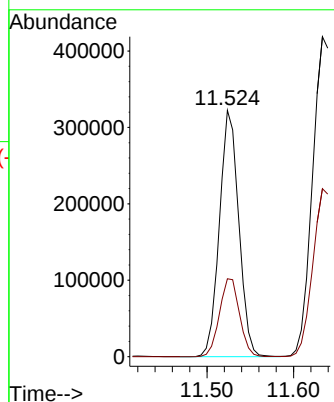
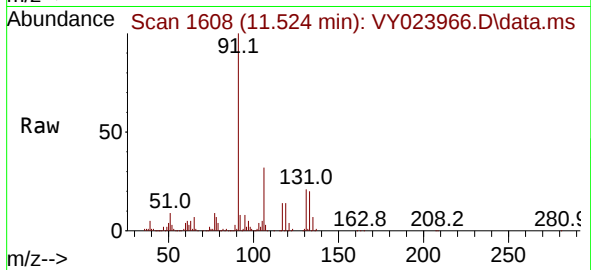




#67
Ethyl Benzene
Concen: 20.248 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

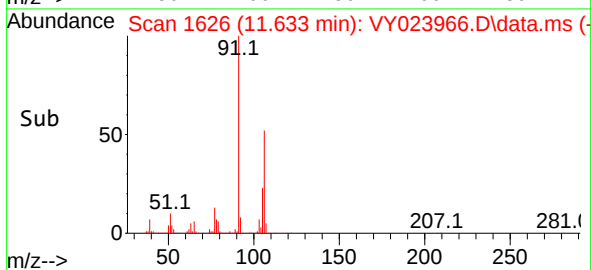
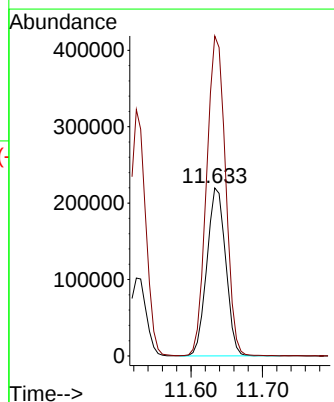
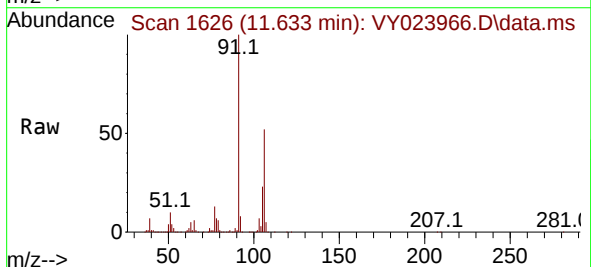
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

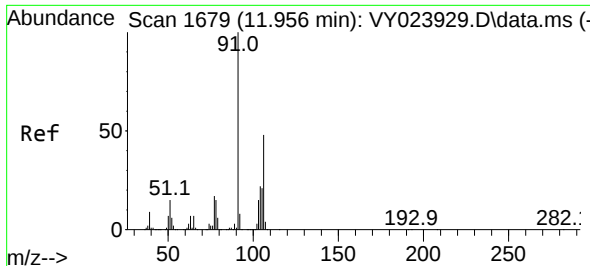
Tgt Ion: 91 Resp: 499940
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8



#68
m/p-Xylenes
Concen: 40.982 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion:106 Resp: 401682
Ion Ratio Lower Upper
106 100
91 192.0 155.0 232.6

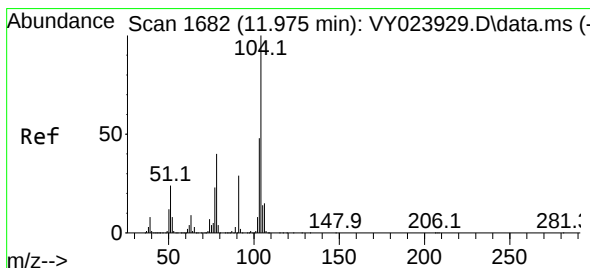
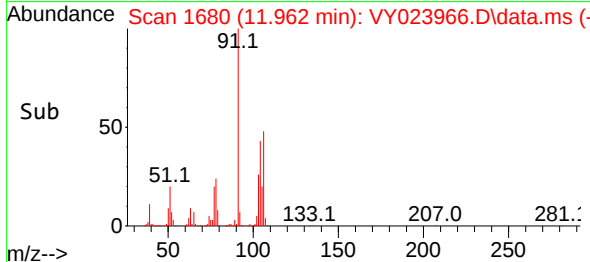
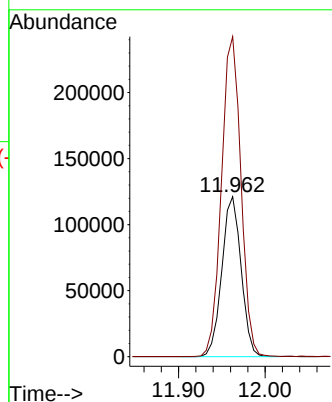
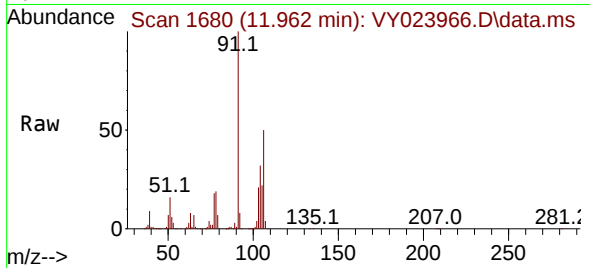




#69
o-Xylene
Concen: 20.403 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

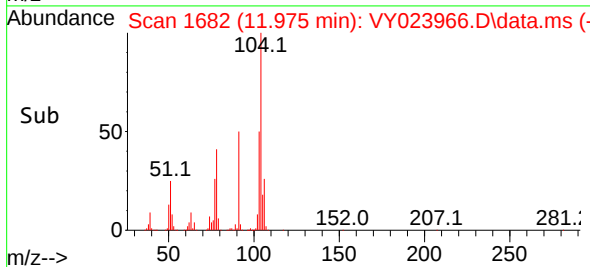
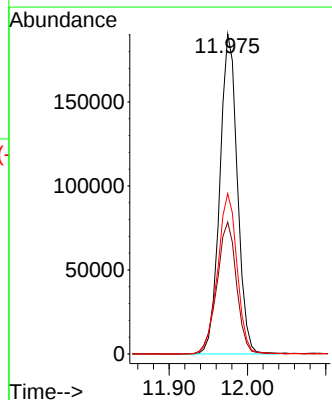
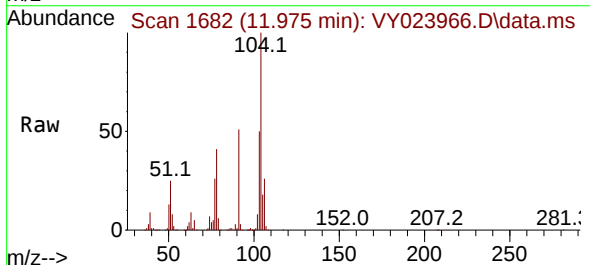
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBSD01

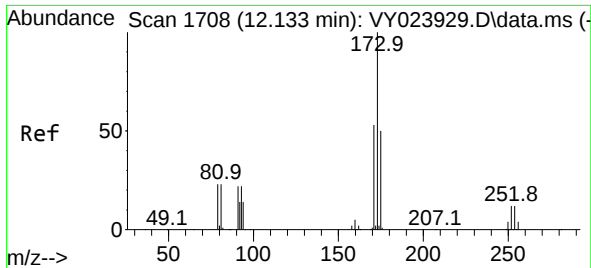
Tgt Ion:106 Resp: 187074
Ion Ratio Lower Upper
106 100
91 202.0 102.1 306.1



#70
Styrene
Concen: 20.095 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion:104 Resp: 297652
Ion Ratio Lower Upper
104 100
78 46.0 37.4 56.0
103 55.4 43.0 64.4

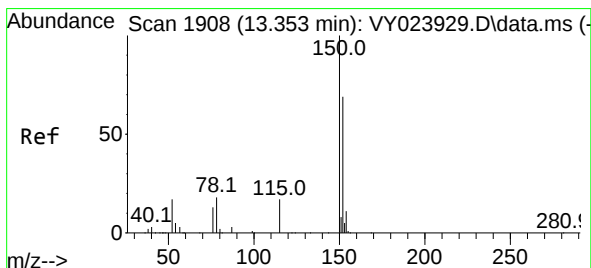
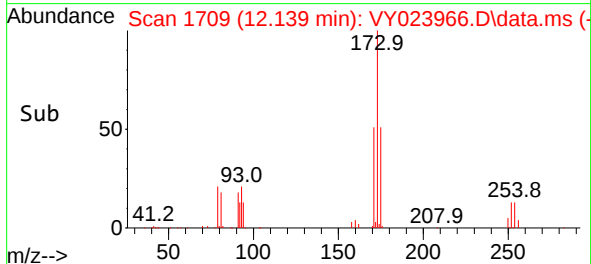
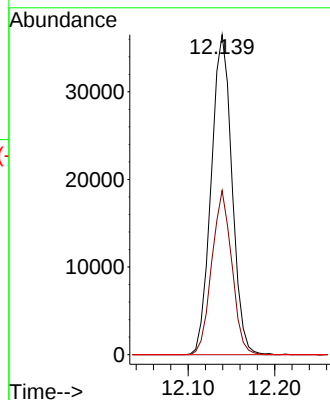
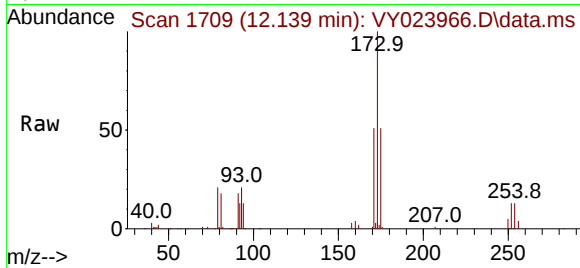




#71
Bromoform
Concen: 19.952 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

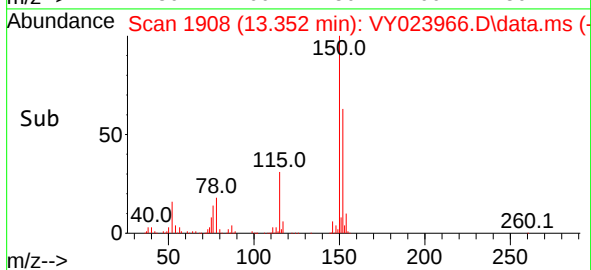
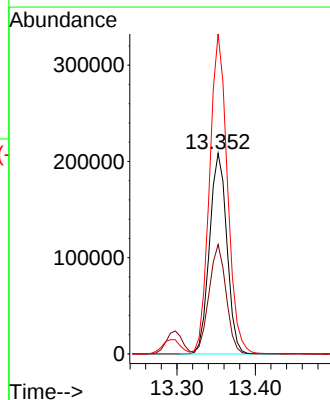
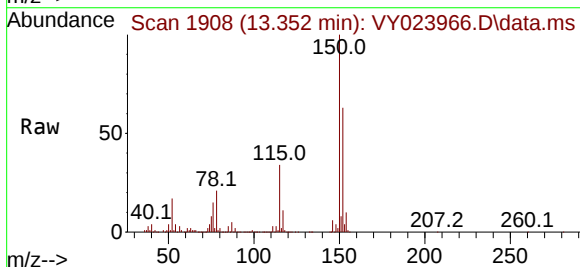
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

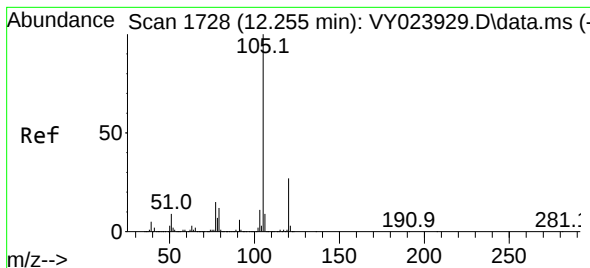
Tgt Ion:173 Resp: 60766
Ion Ratio Lower Upper
173 100
175 49.4 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion:152 Resp: 320072
Ion Ratio Lower Upper
152 100
115 53.6 27.3 81.9
150 164.5 0.0 347.6





#73

Isopropylbenzene

Concen: 21.403 ug/l

RT: 12.261 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

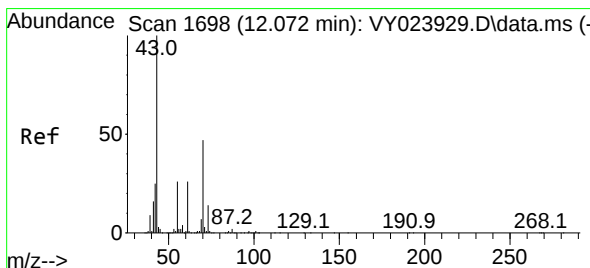
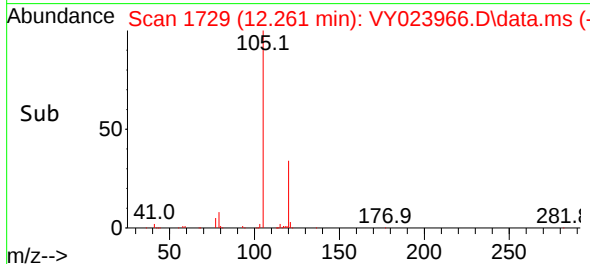
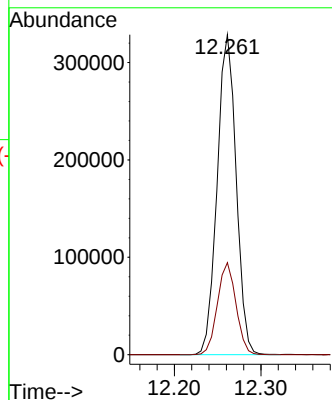
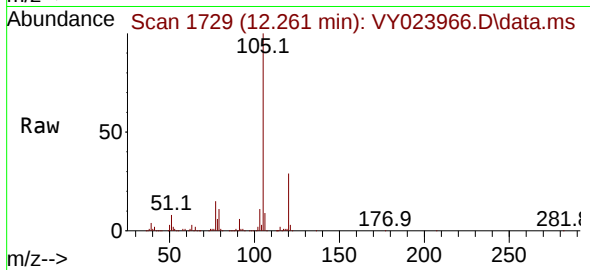
VY1215SBS01

Tgt Ion:105 Resp: 500655

Ion Ratio Lower Upper

105 100

120 28.1 13.7 41.0



#74

N-ethyl acetate

Concen: 16.220 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Tgt Ion: 43 Resp: 67300

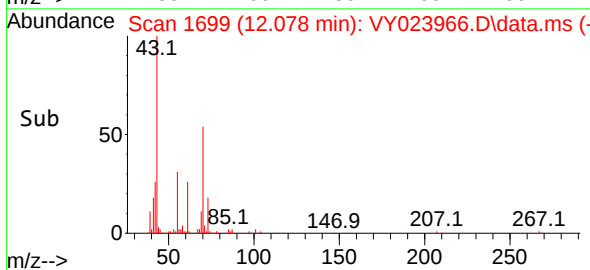
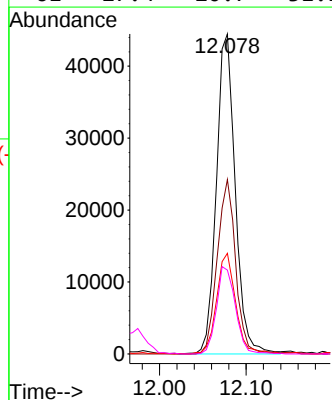
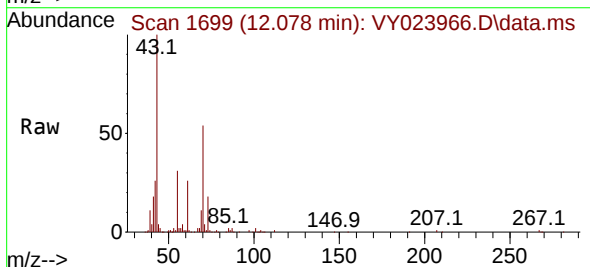
Ion Ratio Lower Upper

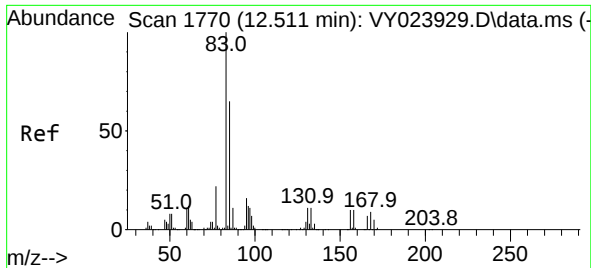
43 100

70 53.2 37.4 56.0

55 32.0 21.6 32.4

61 27.4 20.7 31.1

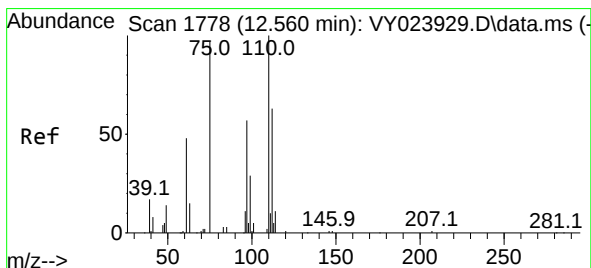
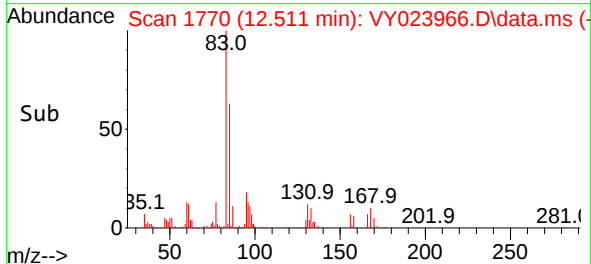
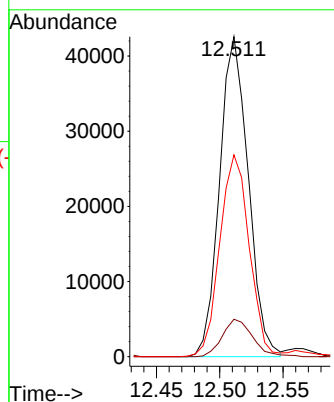
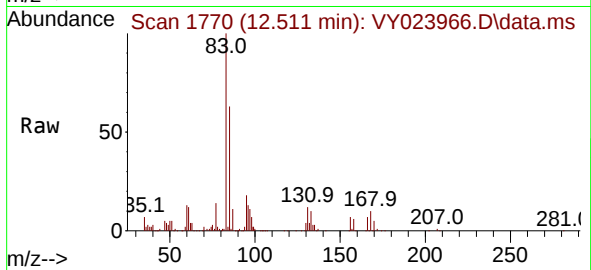




#75
 1,1,2-Tetrachloroethane
 Concen: 18.838 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY023966.D
 Acq: 15 Dec 2025 11:02

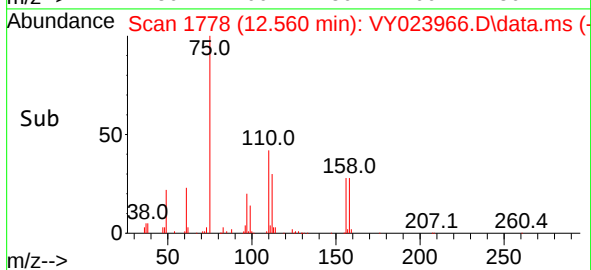
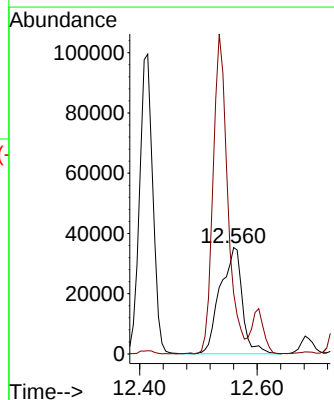
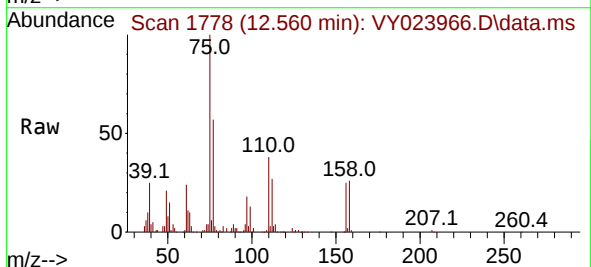
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBS01

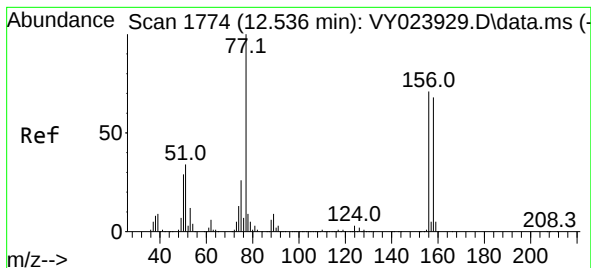
Tgt Ion: 83 Resp: 67097
 Ion Ratio Lower Upper
 83 100
 131 12.4 5.6 16.8
 85 64.7 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 34.009 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY023966.D
 Acq: 15 Dec 2025 11:02

Tgt Ion: 75 Resp: 92078
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.335 ug/l

RT: 12.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBSD01

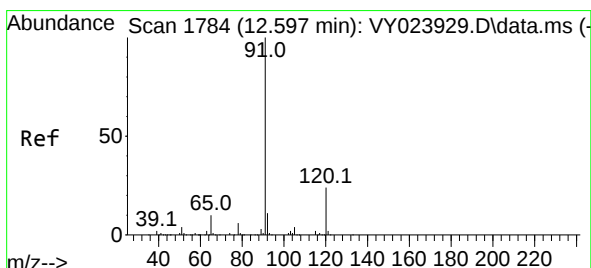
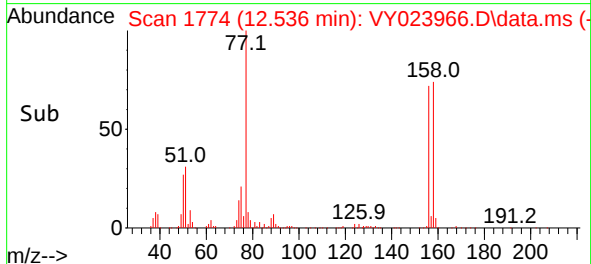
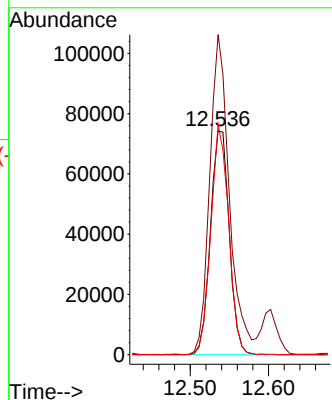
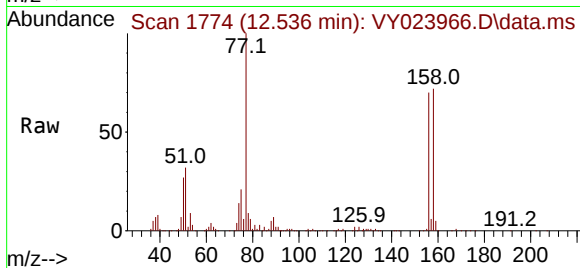
Tgt Ion:156 Resp: 123827

Ion Ratio Lower Upper

156 100

77 148.4 79.8 239.4

158 97.5 48.0 144.2



#78

n-propylbenzene

Concen: 21.340 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY023966.D

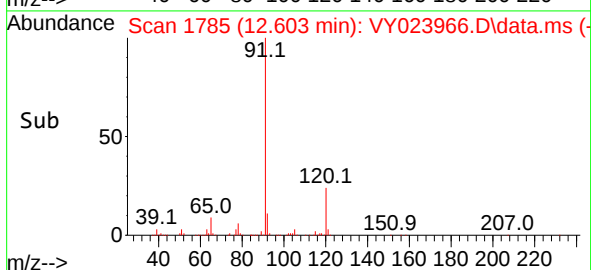
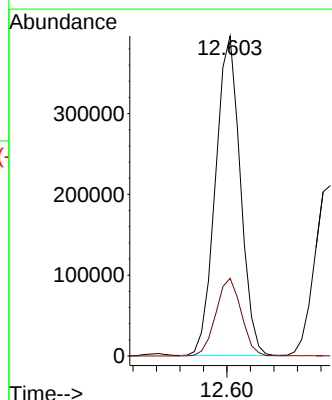
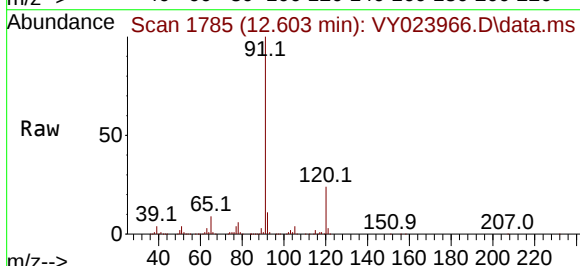
Acq: 15 Dec 2025 11:02

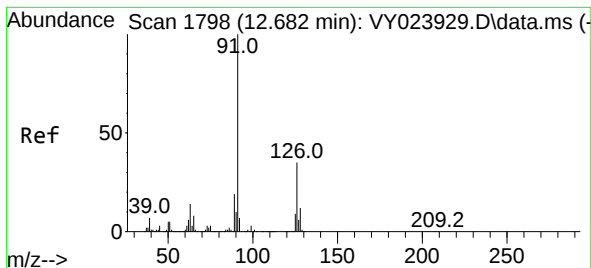
Tgt Ion: 91 Resp: 580767

Ion Ratio Lower Upper

91 100

120 24.8 12.0 36.0





#79

2-Chlorotoluene

Concen: 21.189 ug/l

RT: 12.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

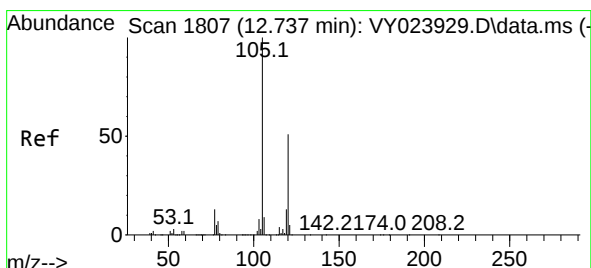
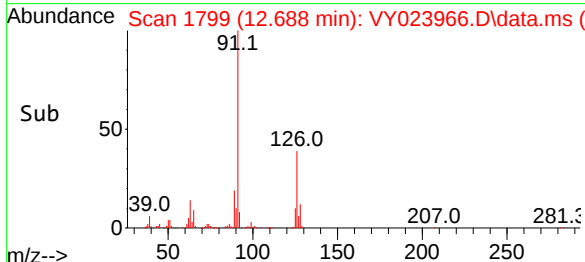
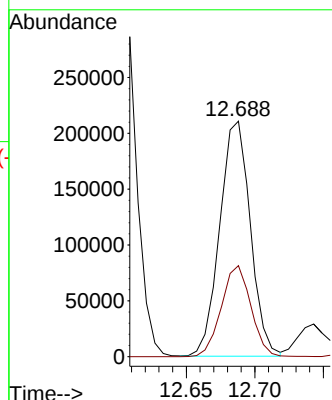
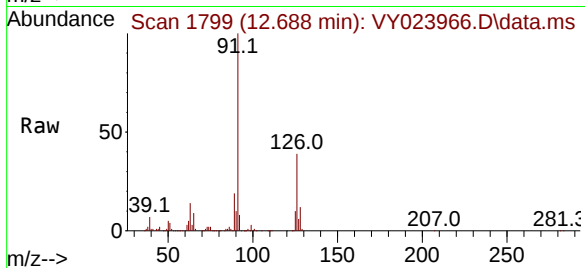
VY1215SBS01

Tgt Ion: 91 Resp: 327573

Ion Ratio Lower Upper

91 100

126 37.5 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 21.404 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY023966.D

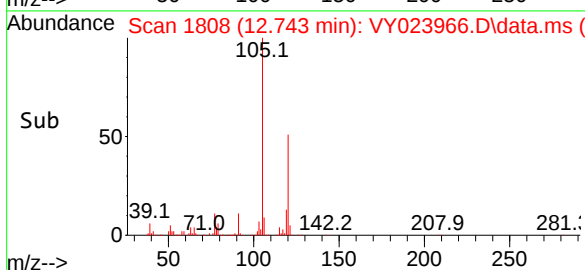
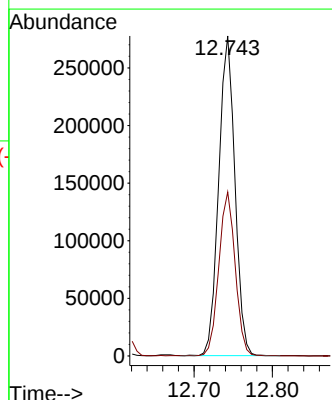
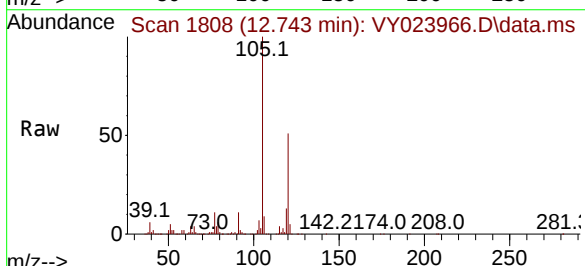
Acq: 15 Dec 2025 11:02

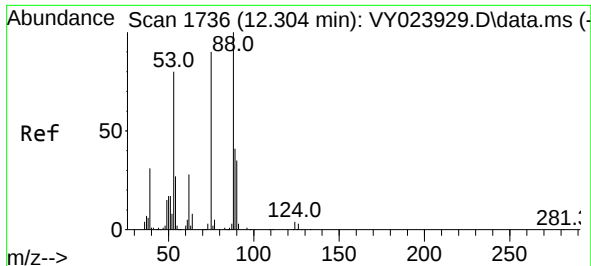
Tgt Ion:105 Resp: 399428

Ion Ratio Lower Upper

105 100

120 51.7 25.7 77.1

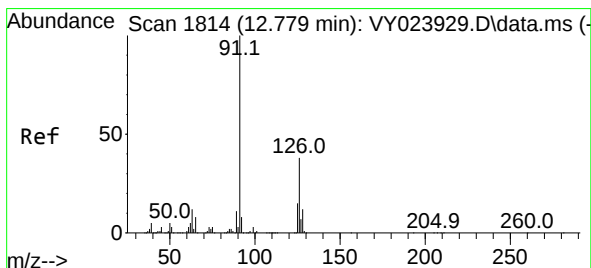
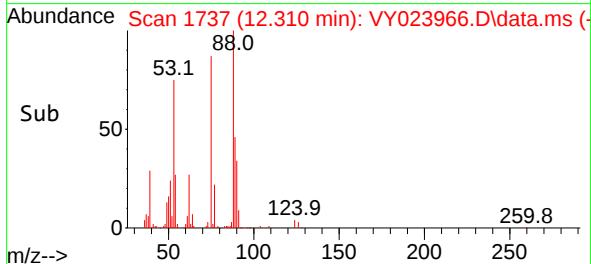
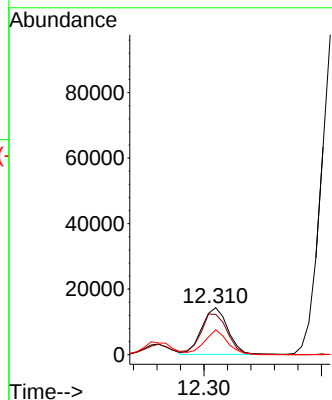
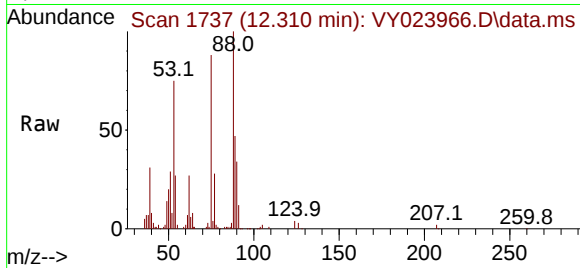




#81
trans-1,4-Dichloro-2-butene
Concen: 18.337 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

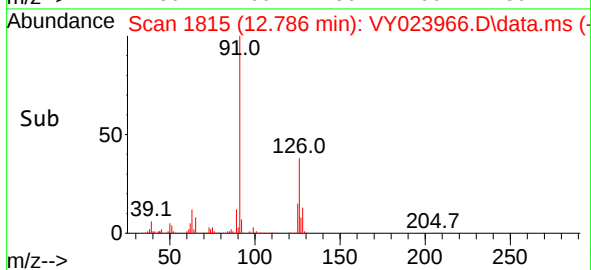
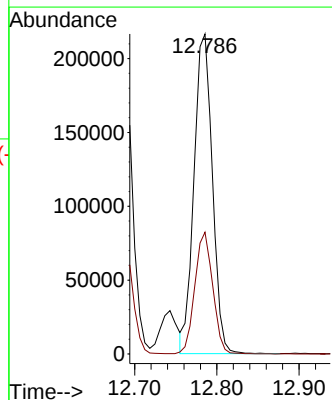
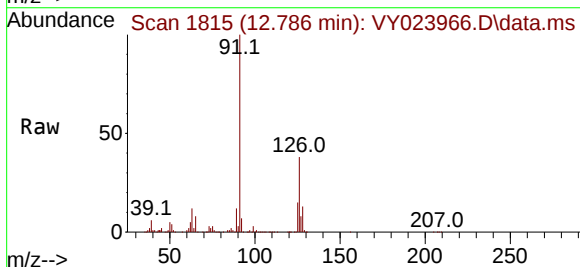
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

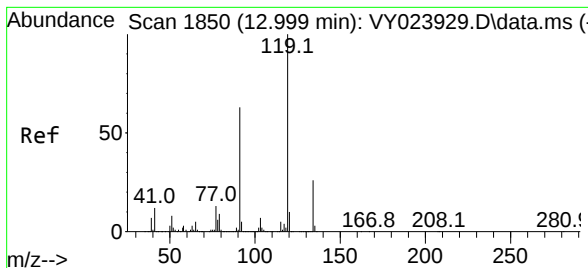
Tgt Ion: 75 Resp: 21811
Ion Ratio Lower Upper
75 100
53 91.3 73.4 110.0
89 46.5 38.9 58.3



#82
4-Chlorotoluene
Concen: 21.098 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY023966.D
Acq: 15 Dec 2025 11:02

Tgt Ion: 91 Resp: 335761
Ion Ratio Lower Upper
91 100
126 37.1 18.1 54.1

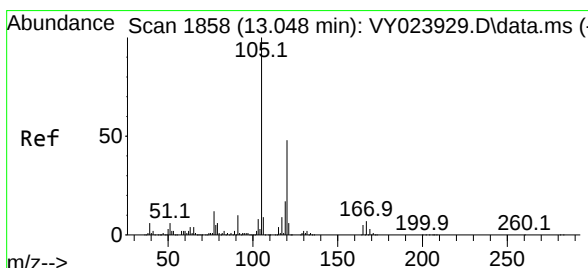
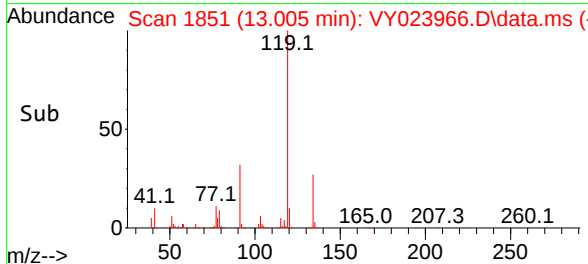
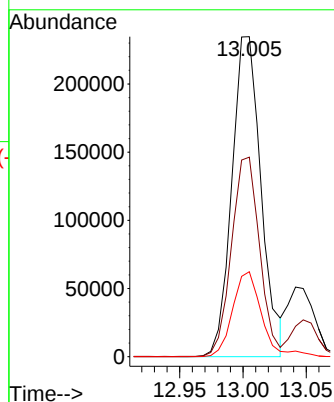
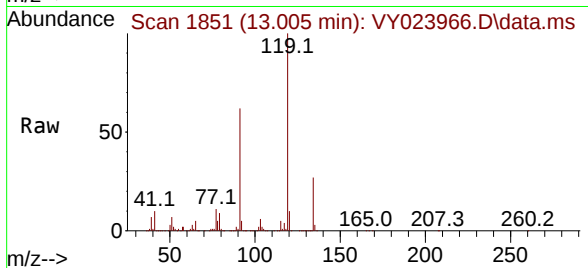




#83
 tert-Butylbenzene
 Concen: 21.883 ug/l
 RT: 13.005 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VY023966.D
 Acq: 15 Dec 2025 11:02

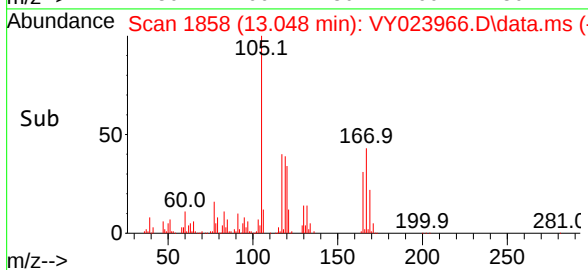
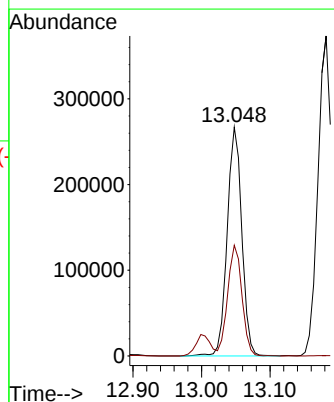
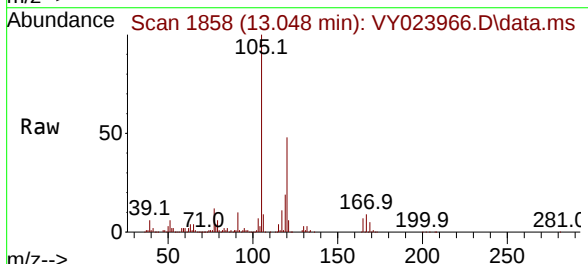
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBS01

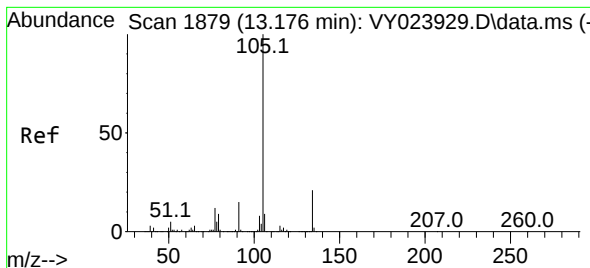
Tgt Ion:119 Resp: 377311
 Ion Ratio Lower Upper
 119 100
 91 60.0 31.6 94.7
 134 26.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.300 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VY023966.D
 Acq: 15 Dec 2025 11:02

Tgt Ion:105 Resp: 393751
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.665 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

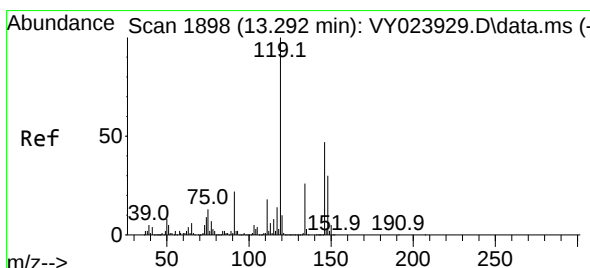
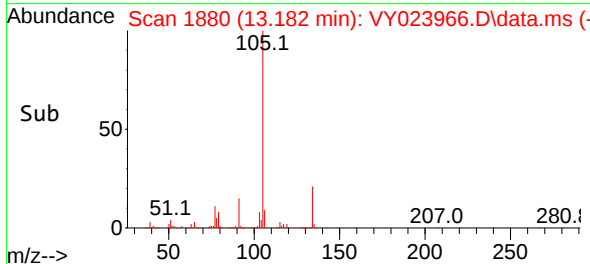
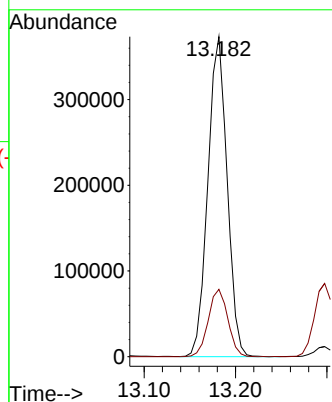
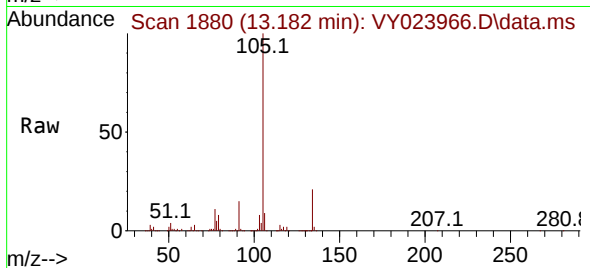
VY1215SBSD01

Tgt Ion:105 Resp: 544925

Ion Ratio Lower Upper

105 100

134 21.4 10.6 31.8



#86

p-Isopropyltoluene

Concen: 21.298 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

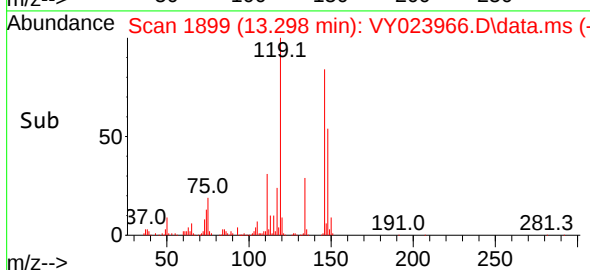
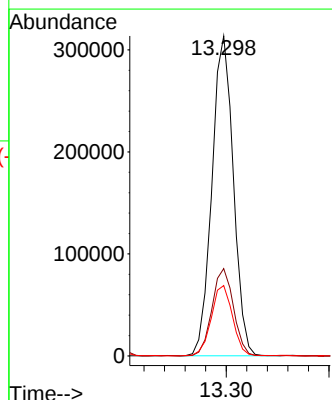
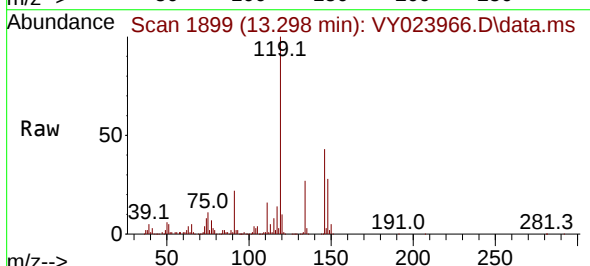
Tgt Ion:119 Resp: 453428

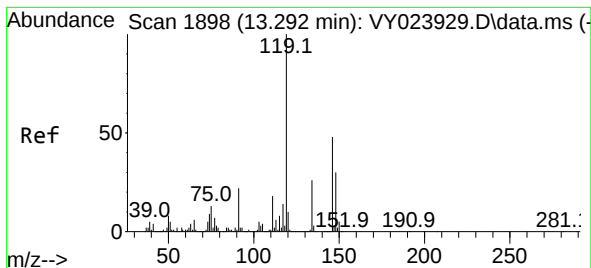
Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.7

91 21.8 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 21.156 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBSD01

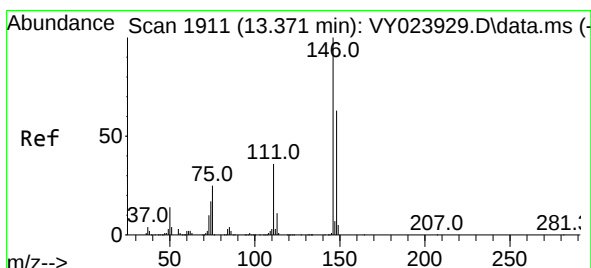
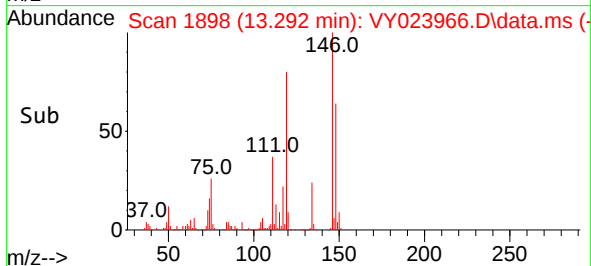
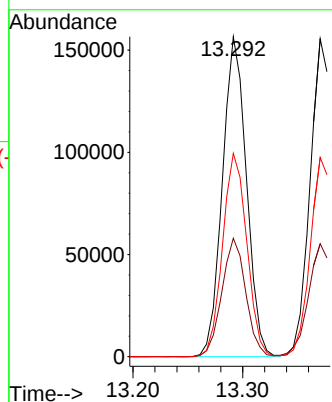
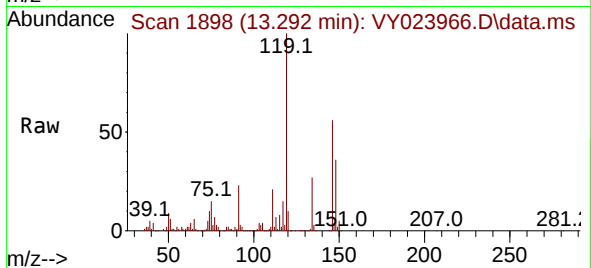
Tgt Ion:146 Resp: 238456

Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.9

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.998 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

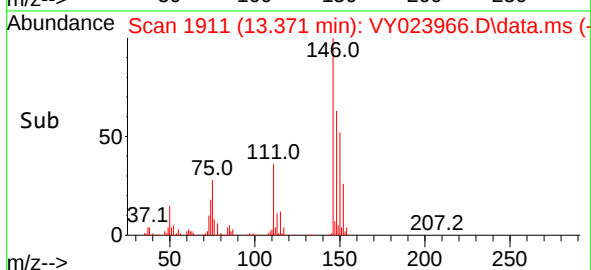
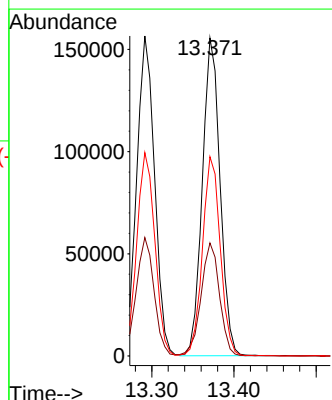
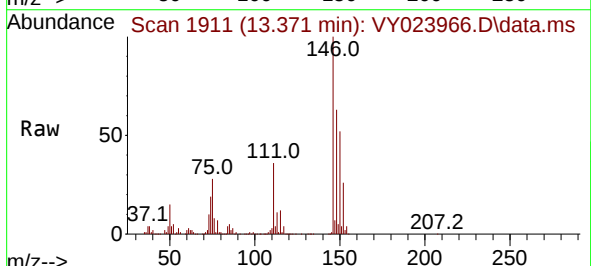
Tgt Ion:146 Resp: 233298

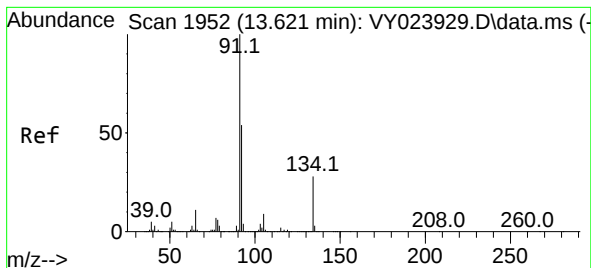
Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.0

148 62.8 31.9 95.9





#89

n-Butylbenzene

Concen: 20.757 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

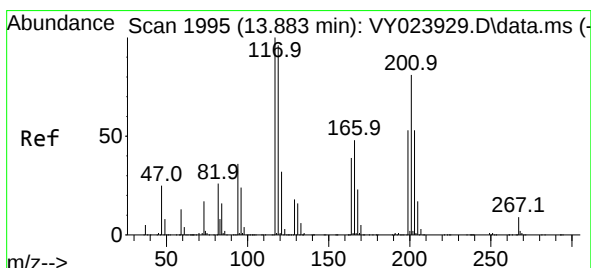
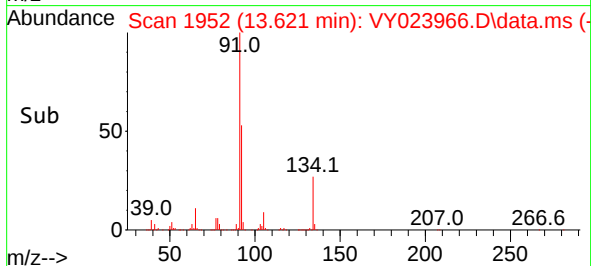
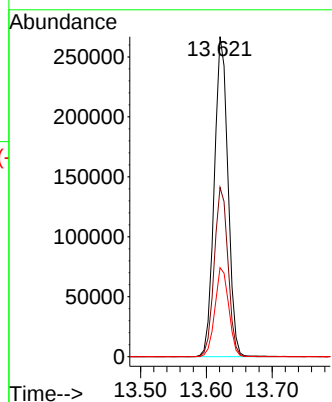
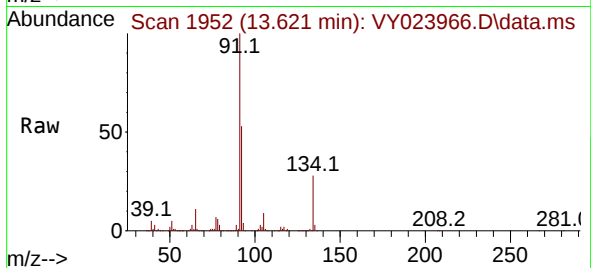
Tgt Ion: 91 Resp: 386618

Ion Ratio Lower Upper

91 100

92 53.2 26.9 80.6

134 28.0 13.9 41.6



#90

Hexachloroethane

Concen: 21.117 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY023966.D

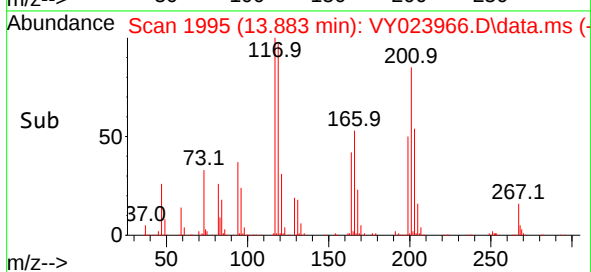
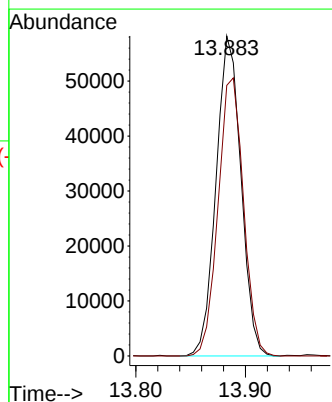
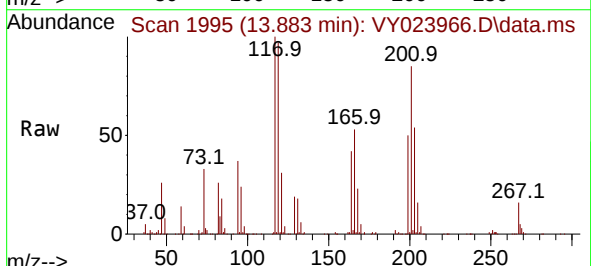
Acq: 15 Dec 2025 11:02

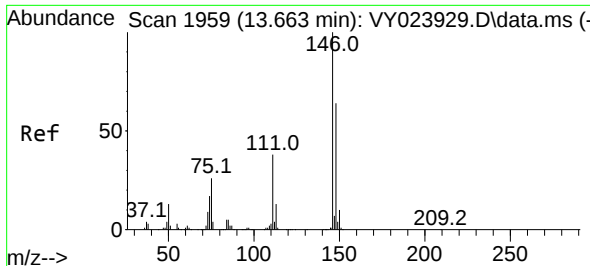
Tgt Ion: 117 Resp: 91740

Ion Ratio Lower Upper

117 100

201 88.6 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 20.732 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

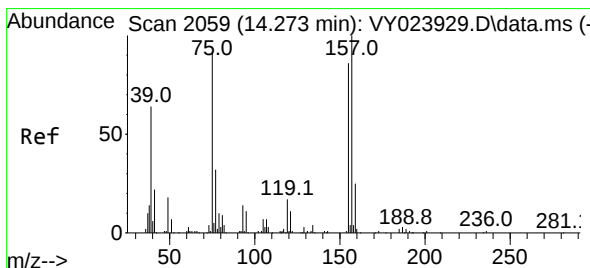
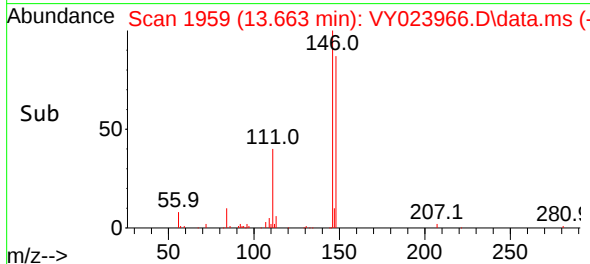
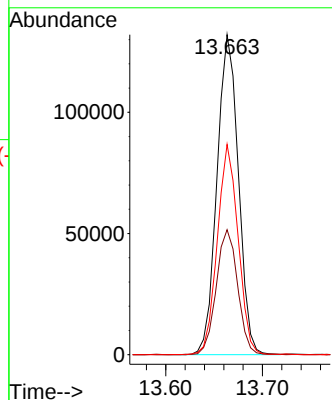
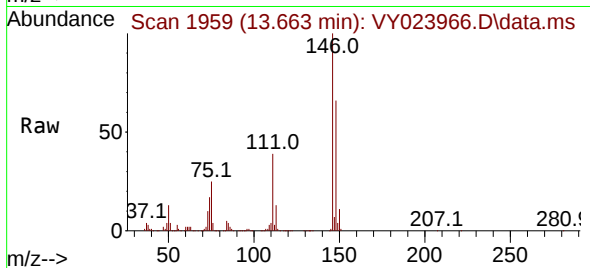
Tgt Ion:146 Resp: 202462

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

148 63.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.304 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

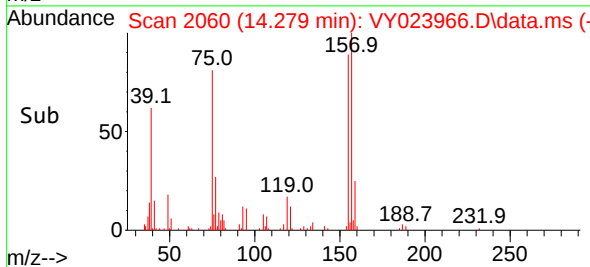
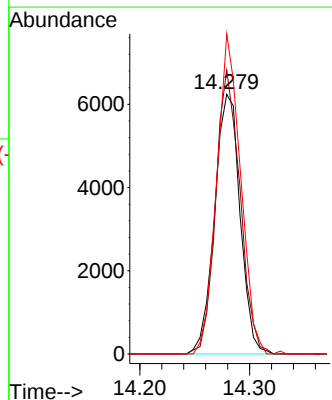
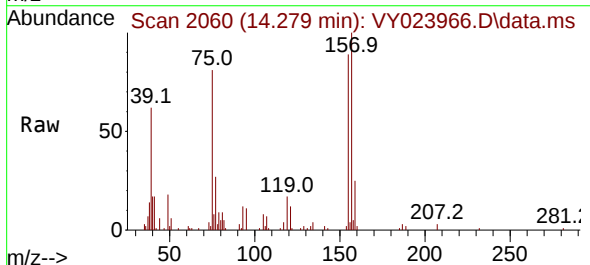
Tgt Ion: 75 Resp: 10094

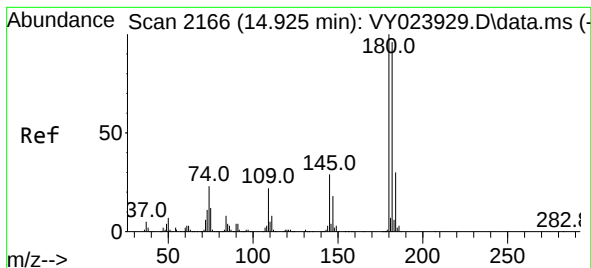
Ion Ratio Lower Upper

75 100

155 103.9 50.2 150.7

157 115.4 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 19.622 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

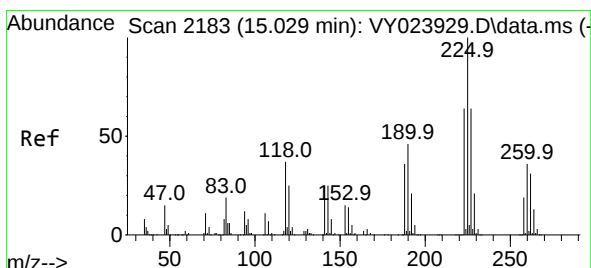
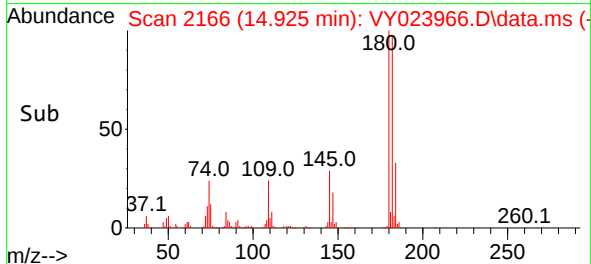
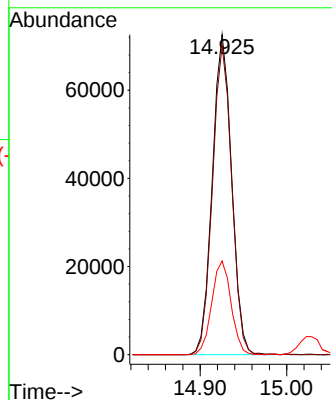
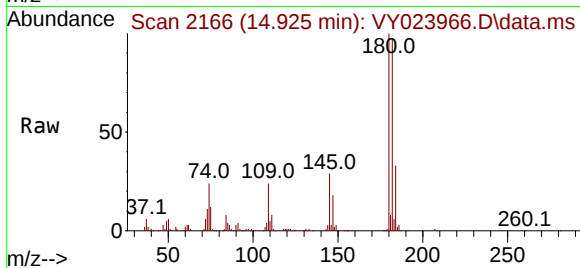
Tgt Ion:180 Resp: 112620

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.9

145 29.2 14.8 44.4



#94

Hexachlorobutadiene

Concen: 21.844 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

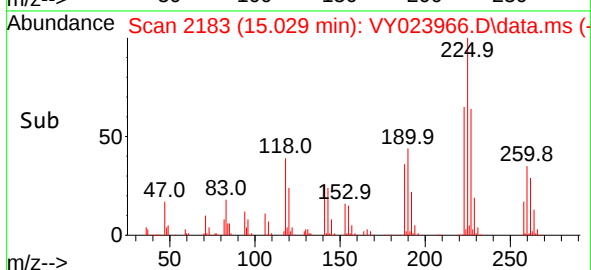
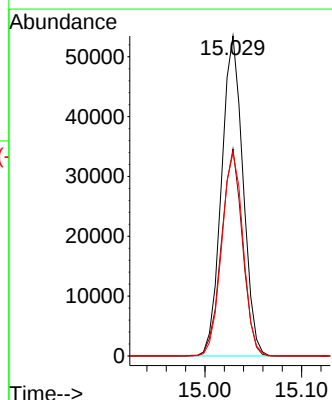
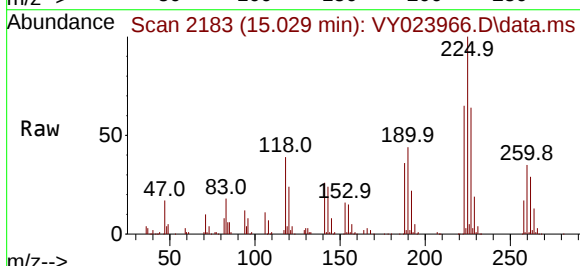
Tgt Ion:225 Resp: 82181

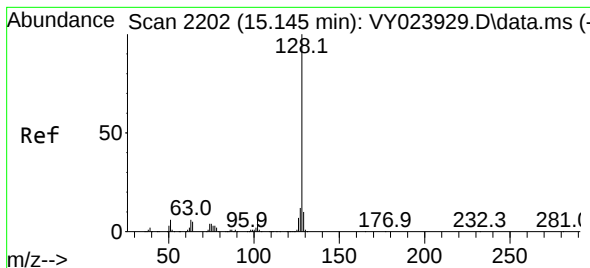
Ion Ratio Lower Upper

225 100

223 63.2 31.6 95.0

227 63.3 31.7 95.1





#95

Naphthalene

Concen: 17.421 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

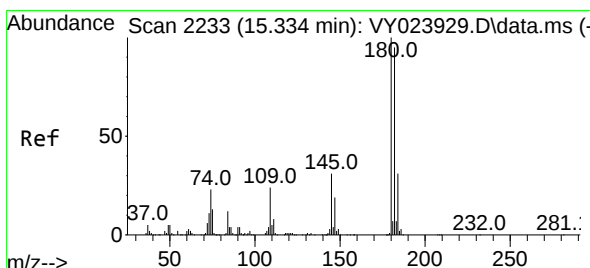
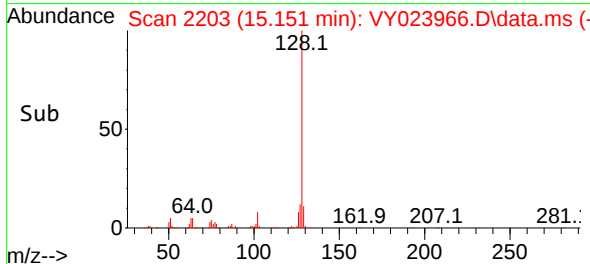
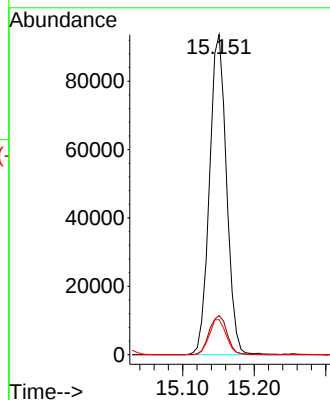
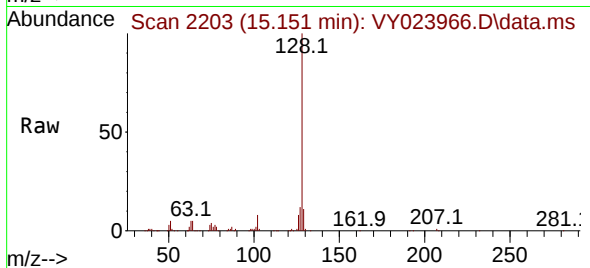
Tgt Ion:128 Resp: 154612

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.523 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY023966.D

Acq: 15 Dec 2025 11:02

Tgt Ion:180 Resp: 95354

Ion Ratio Lower Upper

180 100

182 92.7 47.8 143.4

145 29.8 15.6 46.8

