

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023905.D
 Acq On : 09 Dec 2025 13:55
 Operator : SY/MD
 Sample : VY1209SBS
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS03

Quant Time: Dec 10 02:26:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	578705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	818059	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	674698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	332303	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	190489	32.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.800%
35) Dibromofluoromethane	7.646	113	220354	41.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.000%
50) Toluene-d8	10.115	98	825938	40.453	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.900%
62) 4-Bromofluorobenzene	12.414	95	261909	37.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	76564	17.492	ug/l	97
3) Chloromethane	2.080	50	85526	13.697	ug/l	93
4) Vinyl Chloride	2.214	62	111100	15.599	ug/l	95
5) Bromomethane	2.611	94	89791	17.460	ug/l	99
6) Chloroethane	2.751	64	77613	16.073	ug/l	97
7) Trichlorofluoromethane	3.074	101	177556	17.829	ug/l	94
8) Diethyl Ether	3.470	74	44652	14.966	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.836	101	107411	18.002	ug/l	95
10) Methyl Iodide	4.025	142	114430	18.892	ug/l	97
11) Tert butyl alcohol	4.878	59	22439	43.603	ug/l	98
12) 1,1-Dichloroethene	3.805	96	97034	17.405	ug/l	83
13) Acrolein	3.671	56	28476	78.790	ug/l	99
14) Allyl chloride	4.397	41	117291	13.159	ug/l #	89
15) Acrylonitrile	5.080	53	80046	61.644	ug/l	100
16) Acetone	3.885	43	135744	78.251	ug/l	96
17) Carbon Disulfide	4.122	76	233809	14.194	ug/l	99
18) Methyl Acetate	4.403	43	34074	11.580	ug/l #	88
19) Methyl tert-butyl Ether	5.135	73	214569	15.322	ug/l	96
20) Methylene Chloride	4.635	84	100216	14.720	ug/l	87
21) trans-1,2-Dichloroethene	5.135	96	104167	16.935	ug/l	89
22) Diisopropyl ether	6.037	45	265955	13.551	ug/l #	91
23) Vinyl Acetate	5.976	43	695465	63.928	ug/l #	94
24) 1,1-Dichloroethane	5.933	63	177228	15.629	ug/l	96
25) 2-Butanone	6.909	43	130221	62.270	ug/l #	89
26) 2,2-Dichloropropane	6.902	77	169270	16.287	ug/l	97
27) cis-1,2-Dichloroethene	6.909	96	120758	16.907	ug/l	92
28) Bromochloromethane	7.262	49	59350	13.698	ug/l #	77
29) Tetrahydrofuran	7.274	42	62888	58.148	ug/l	92
30) Chloroform	7.439	83	193597	16.896	ug/l	99
31) Cyclohexane	7.713	56	153926	14.197	ug/l #	88
32) 1,1,1-Trichloroethane	7.634	97	183092	17.701	ug/l	97
36) 1,1-Dichloropropene	7.847	75	136130	17.596	ug/l	96
37) Ethyl Acetate	7.006	43	47149	13.198	ug/l #	97
38) Carbon Tetrachloride	7.835	117	170303	19.945	ug/l	98
39) Methylcyclohexane	9.122	83	177075	17.583	ug/l	93
40) Benzene	8.091	78	408355	17.462	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	22692	12.322	ug/l #	94
42) 1,2-Dichloroethane	8.171	62	100417	16.456	ug/l	98
43) Isopropyl Acetate	8.213	43	89904	13.450	ug/l #	88
44) Trichloroethene	8.878	130	118631	19.716	ug/l	92
45) 1,2-Dichloropropane	9.152	63	90100	16.272	ug/l	97
46) Dibromomethane	9.244	93	51774	17.272	ug/l	93
47) Bromodichloromethane	9.433	83	140020	17.705	ug/l	99
48) Methyl methacrylate	9.231	41	41934	13.429	ug/l	90
49) 1,4-Dioxane	9.244	88	10426	312.800	ug/l #	93
51) 4-Methyl-2-Pentanone	10.006	43	234509	66.720	ug/l	97
52) Toluene	10.182	92	276921	18.910	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	114807	16.084	ug/l	95
54) cis-1,3-Dichloropropene	9.865	75	139328	16.576	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	69571	17.193	ug/l	98
56) Ethyl methacrylate	10.445	69	77943	16.250	ug/l	92
57) 1,3-Dichloropropane	10.725	76	112877	16.196	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	182747	81.671	ug/l	91
59) 2-Hexanone	10.768	43	183826	69.346	ug/l	96
60) Dibromochloromethane	10.920	129	98364	18.128	ug/l	98
61) 1,2-Dibromoethane	11.024	107	63479	17.214	ug/l	100
64) Tetrachloroethene	10.652	164	142880	21.640	ug/l	95
65) Chlorobenzene	11.450	112	298987	19.415	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	103455	19.690	ug/l	98
67) Ethyl Benzene	11.524	91	497075	18.671	ug/l	99
68) m/p-Xylenes	11.633	106	396457	38.961	ug/l	97
69) o-Xylene	11.963	106	181994	19.122	ug/l	97
70) Styrene	11.975	104	290445	18.512	ug/l	98
71) Bromoform	12.139	173	56571	19.055	ug/l #	100
73) Isopropylbenzene	12.261	105	493001	20.136	ug/l	99
74) N-amyl acetate	12.078	43	68089	12.832	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.511	83	66038	16.718	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	87831	26.661	ug/l #	100
77) Bromobenzene	12.536	156	117746	20.708	ug/l	87
78) n-propylbenzene	12.603	91	569942	19.292	ug/l	97
79) 2-Chlorotoluene	12.682	91	313900	18.708	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	394116	19.811	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	20961	15.239	ug/l	97
82) 4-Chlorotoluene	12.786	91	324297	18.643	ug/l	96
83) tert-Butylbenzene	13.005	119	365315	20.369	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	380380	19.301	ug/l	96
85) sec-Butylbenzene	13.182	105	519077	19.457	ug/l	97
86) p-Isopropyltoluene	13.298	119	434082	19.651	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	221599	19.344	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	215141	19.150	ug/l	99
89) n-Butylbenzene	13.621	91	364873	17.847	ug/l	98
90) Hexachloroethane	13.883	117	88352	19.066	ug/l	92
91) 1,2-Dichlorobenzene	13.663	146	187313	18.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8988	14.471	ug/l	89
93) 1,2,4-Trichlorobenzene	14.925	180	98973	16.754	ug/l	99
94) Hexachlorobutadiene	15.029	225	72041	19.437	ug/l	99
95) Naphthalene	15.151	128	136890	14.061	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	80783	16.025	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY1209SBSD03

Quant Time: Dec 10 02:26:58 2025
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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

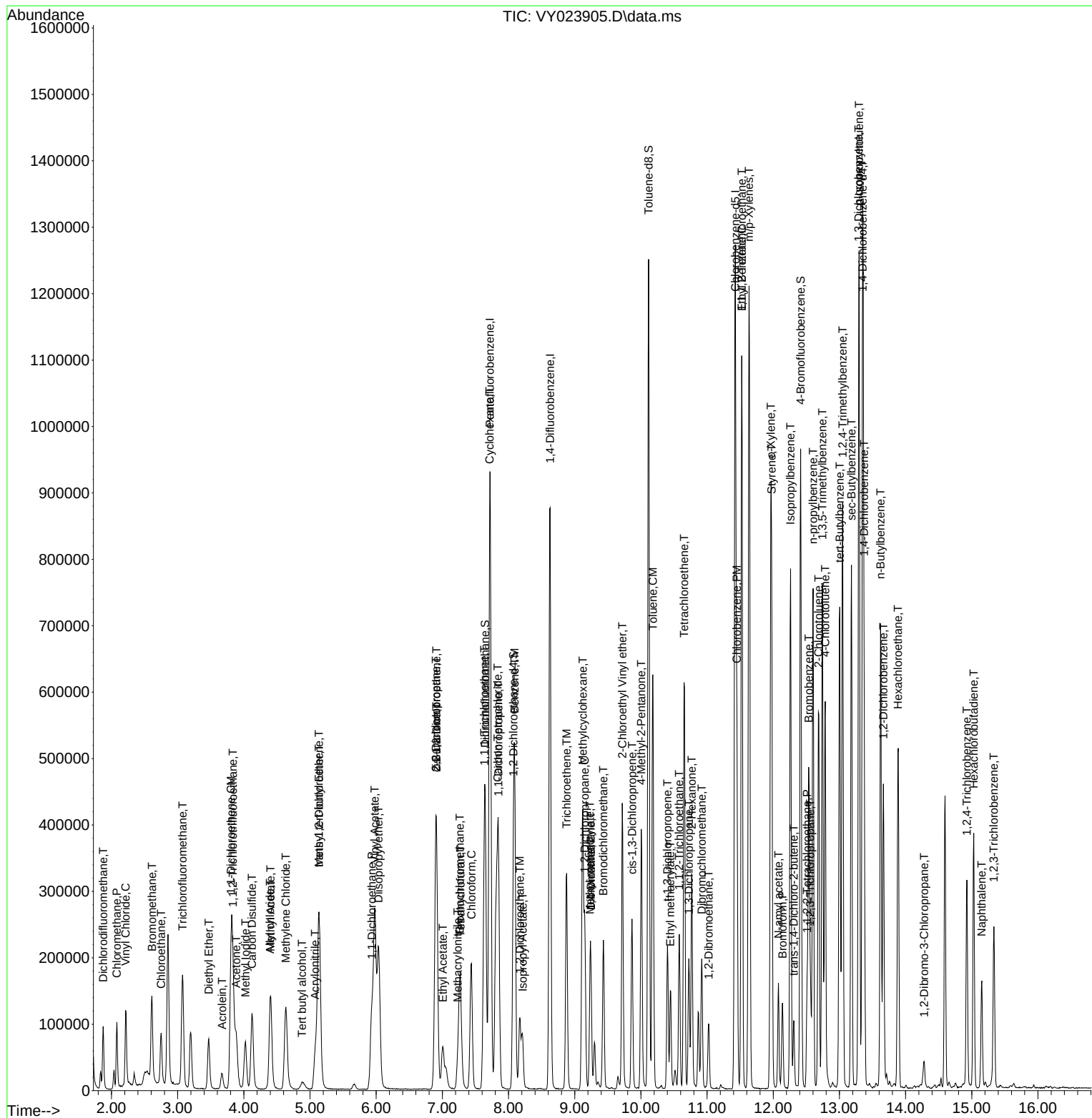
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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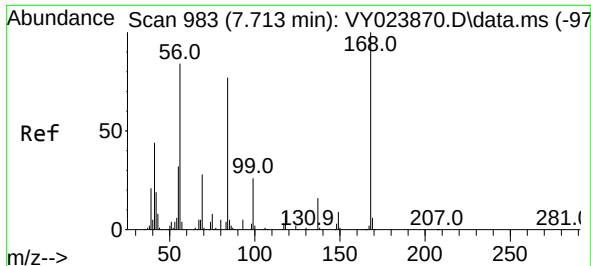
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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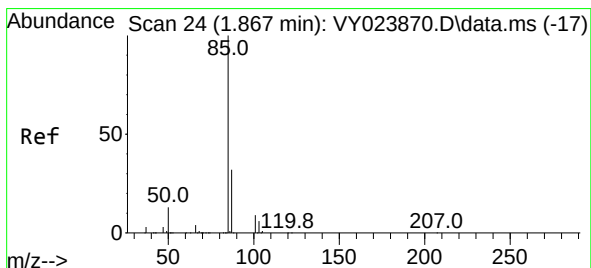
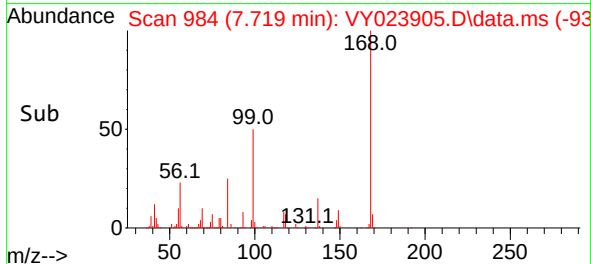
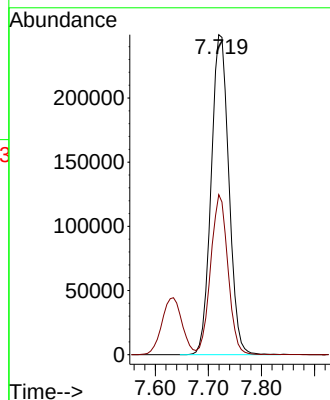
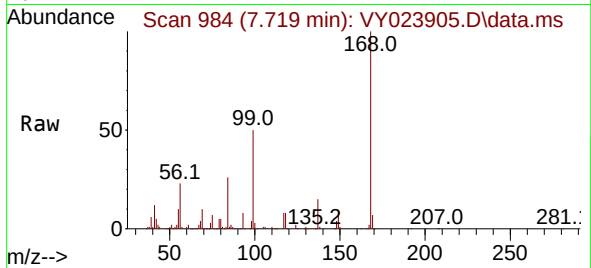




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023905.D
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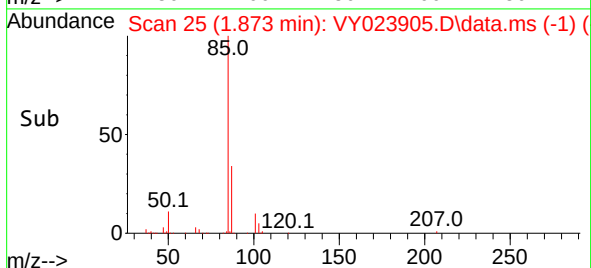
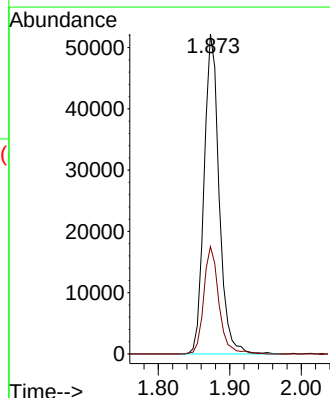
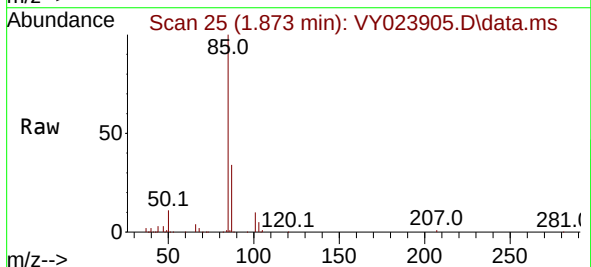
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

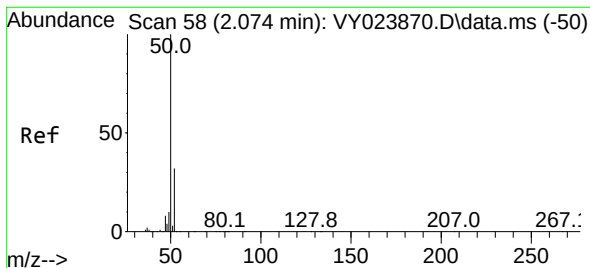
Tgt Ion:168 Resp: 578705
Ion Ratio Lower Upper
168 100
99 50.0 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 17.492 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 85 Resp: 76564
Ion Ratio Lower Upper
85 100
87 33.5 15.9 47.6





#3

Chloromethane

Concen: 13.697 ug/l

RT: 2.080 min Scan# 59

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

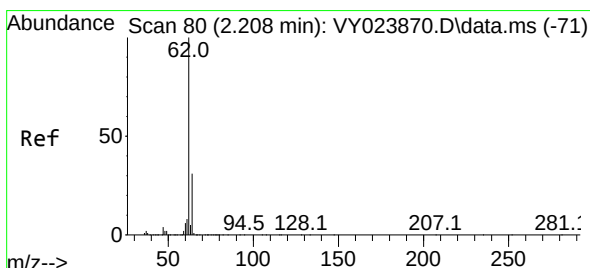
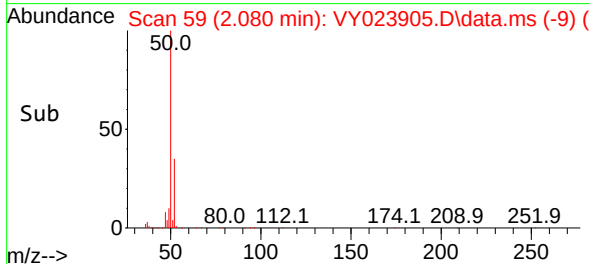
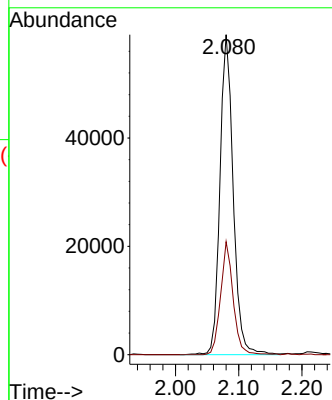
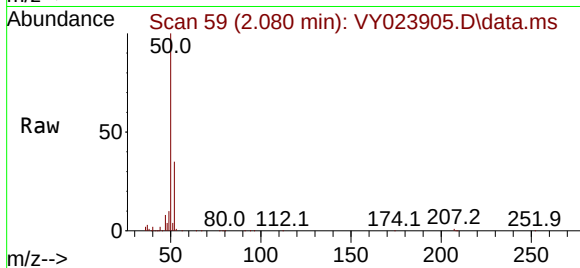
VY1209SBS03

Tgt Ion: 50 Resp: 85526

Ion Ratio Lower Upper

50 100

52 35.3 25.2 37.8



#4

Vinyl Chloride

Concen: 15.599 ug/l

RT: 2.214 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY023905.D

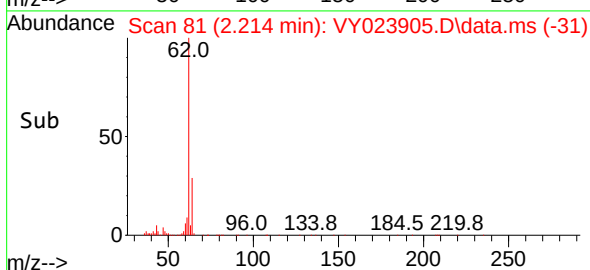
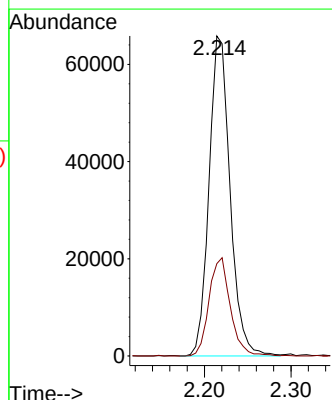
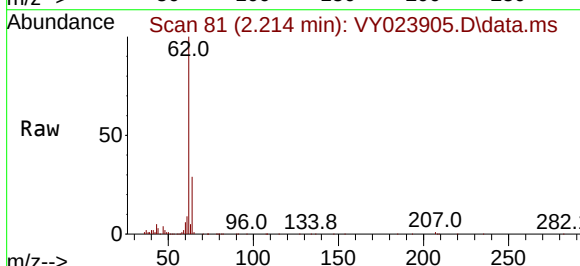
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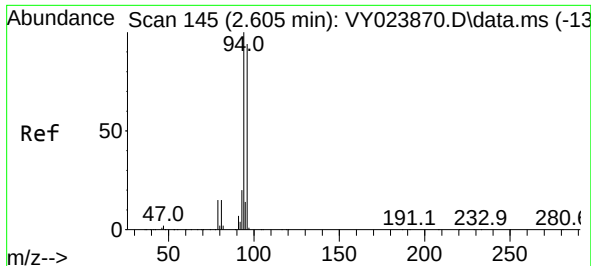
Tgt Ion: 62 Resp: 111100

Ion Ratio Lower Upper

62 100

64 28.9 25.1 37.7

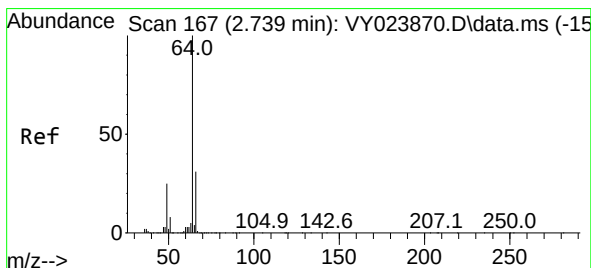
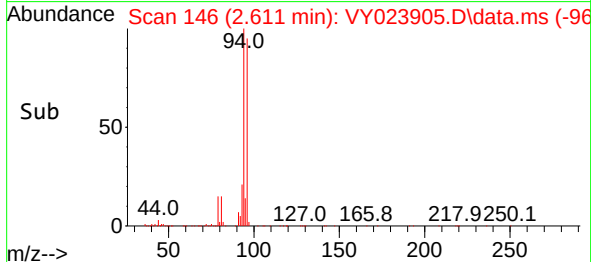
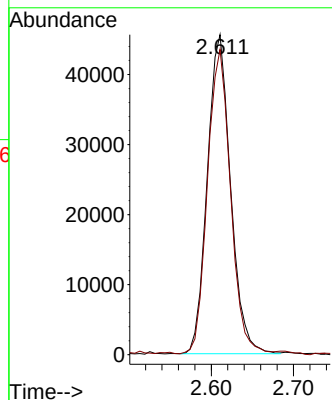
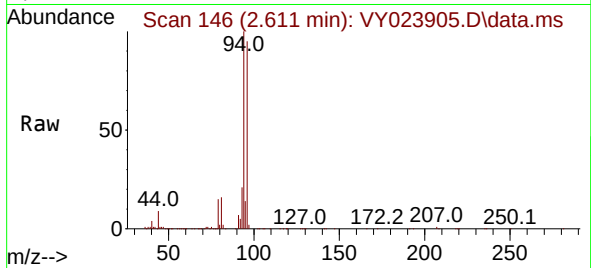




#5
Bromomethane
Concen: 17.460 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY023905.D
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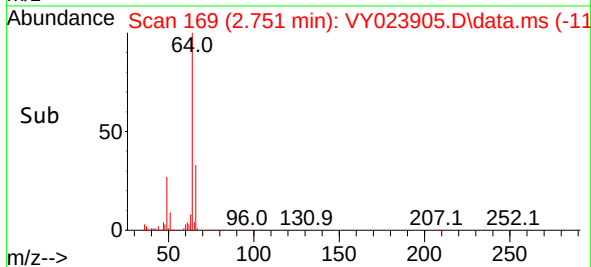
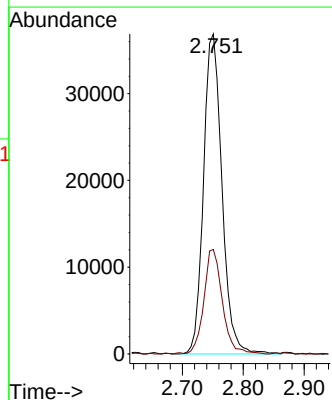
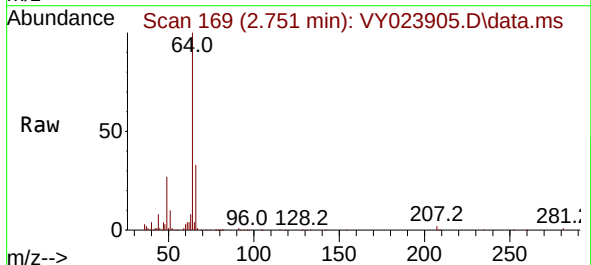
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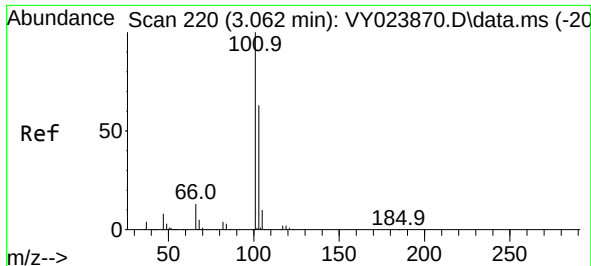
Tgt Ion: 94 Resp: 89791
Ion Ratio Lower Upper
94 100
96 95.4 75.2 112.8



#6
Chloroethane
Concen: 16.073 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 64 Resp: 77613
Ion Ratio Lower Upper
64 100
66 32.6 24.8 37.2

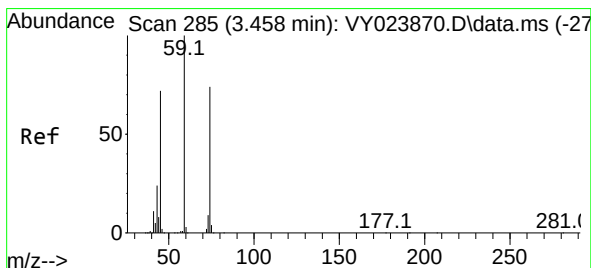
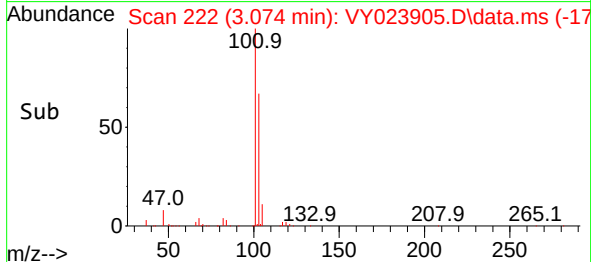
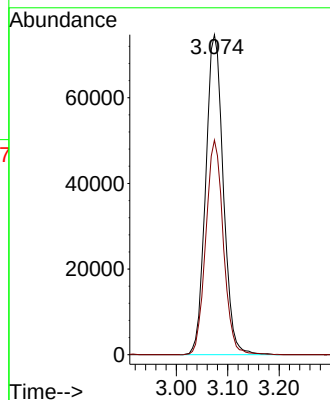
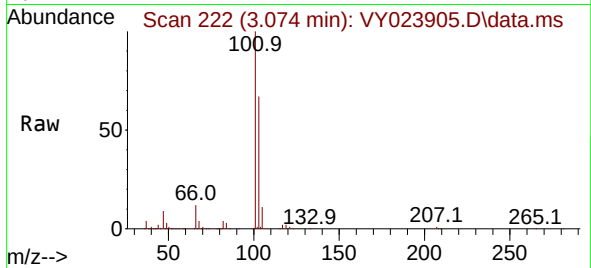




#7
Trichlorofluoromethane
Concen: 17.829 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

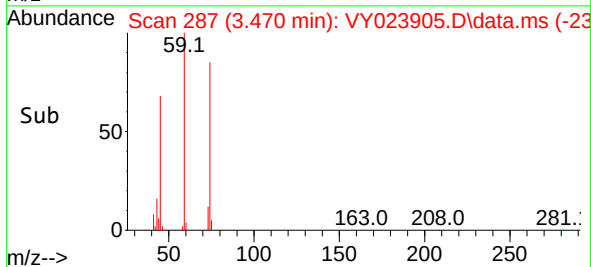
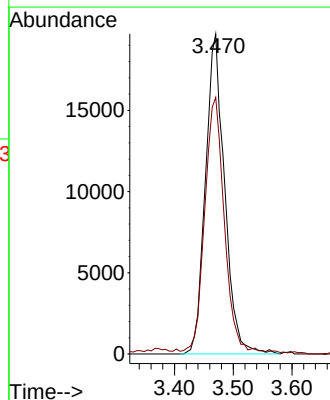
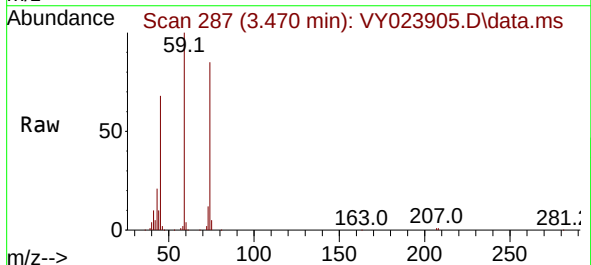
Instrument :
MSVOA_Y
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VY1209SBSD03

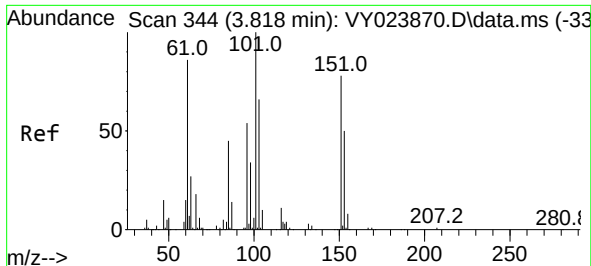
Tgt Ion:101 Resp: 177556
Ion Ratio Lower Upper
101 100
103 67.0 50.2 75.2



#8
Diethyl Ether
Concen: 14.966 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.012 min
Lab File: VY023905.D
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Tgt Ion: 74 Resp: 44652
Ion Ratio Lower Upper
74 100
45 81.0 48.4 145.3

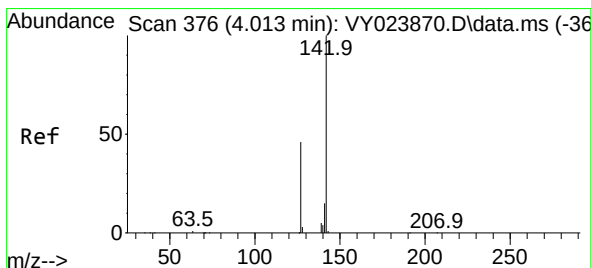
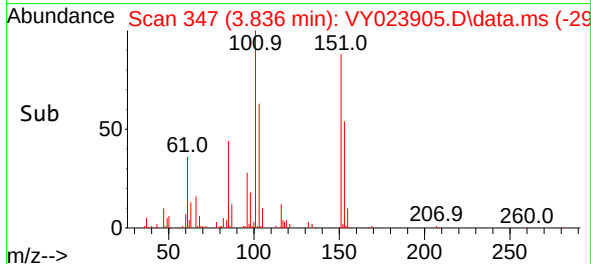
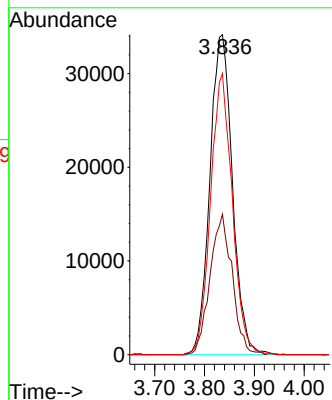
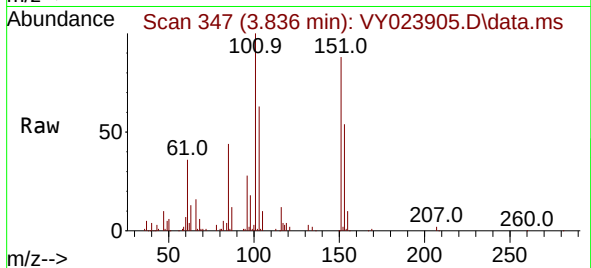




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.002 ug/l
RT: 3.836 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

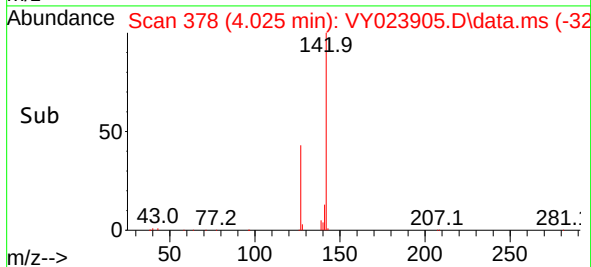
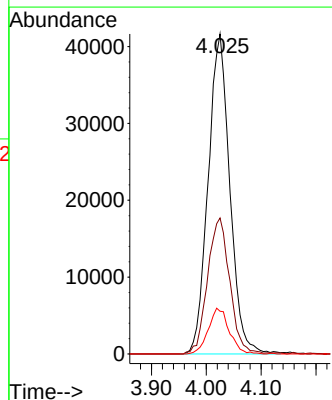
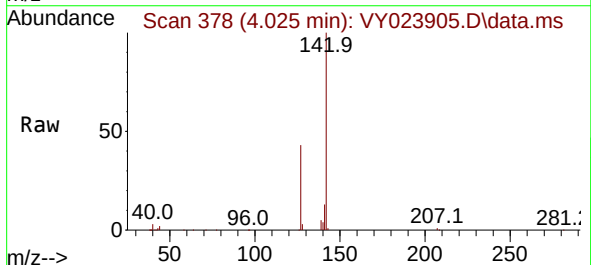
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

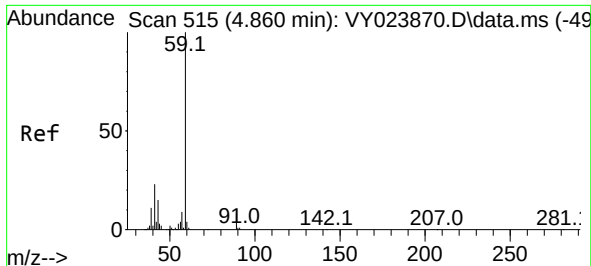
Tgt Ion:101 Resp: 107411
Ion Ratio Lower Upper
101 100
85 43.0 35.8 53.8
151 84.7 63.4 95.0



#10
Methyl Iodide
Concen: 18.892 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion:142 Resp: 114430
Ion Ratio Lower Upper
142 100
127 43.4 36.1 54.1
141 13.8 11.8 17.8

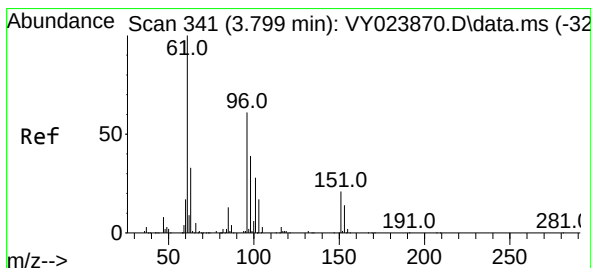
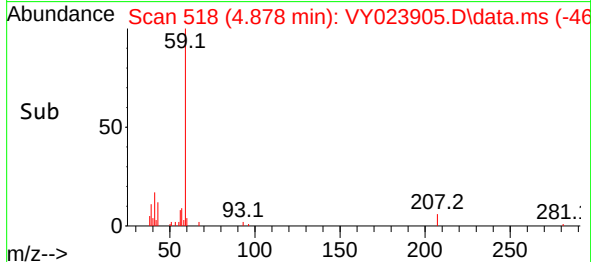
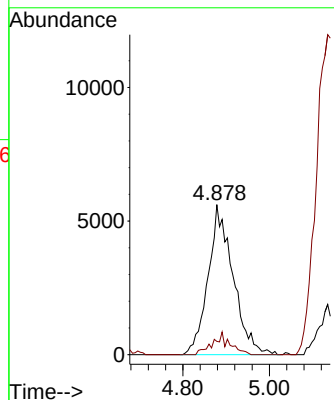
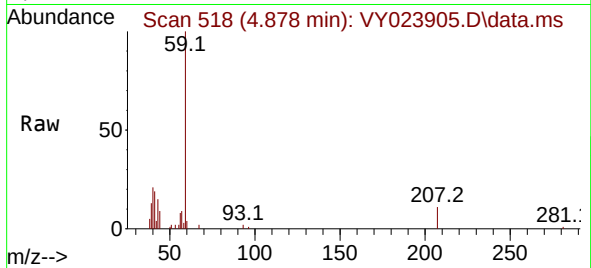




#11
Tert butyl alcohol
Concen: 43.603 ug/l
RT: 4.878 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

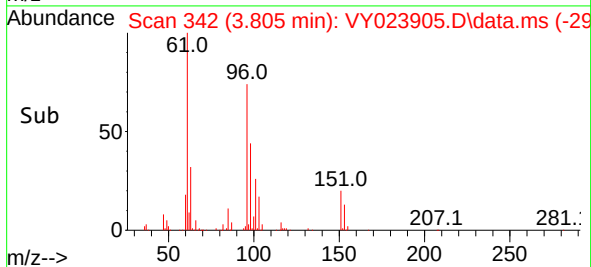
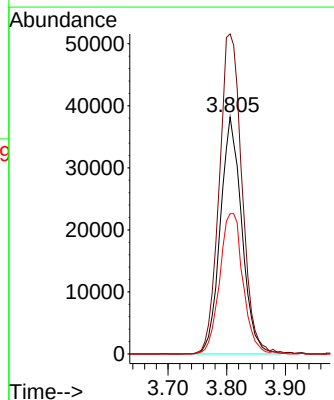
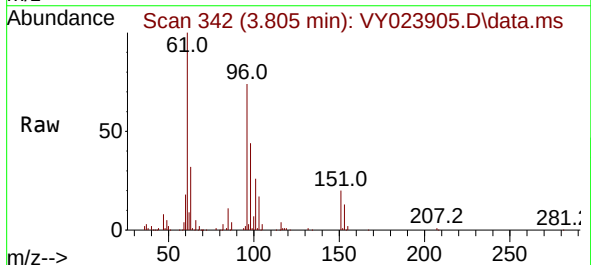
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

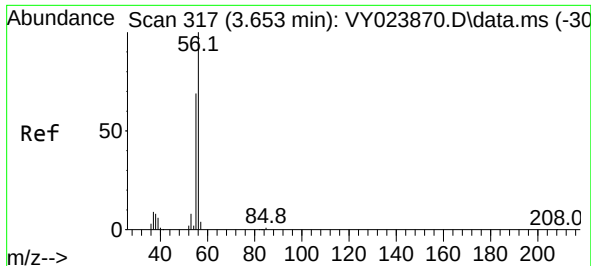
Tgt Ion: 59 Resp: 22439
Ion Ratio Lower Upper
59 100
57 10.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 17.405 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 96 Resp: 97034
Ion Ratio Lower Upper
96 100
61 135.0 131.2 196.8
98 59.2 51.3 76.9





#13

Acrolein

Concen: 78.790 ug/l

RT: 3.671 min Scan# 317

Delta R.T. 0.018 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

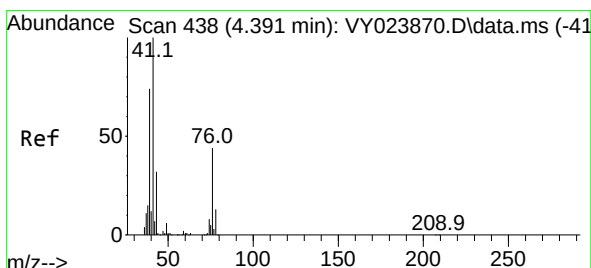
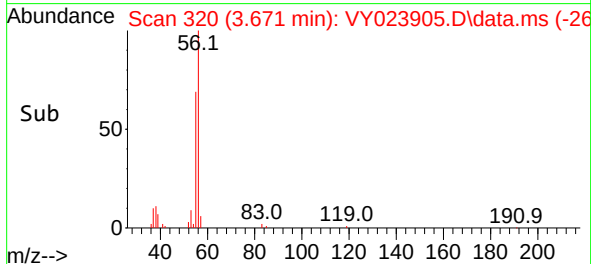
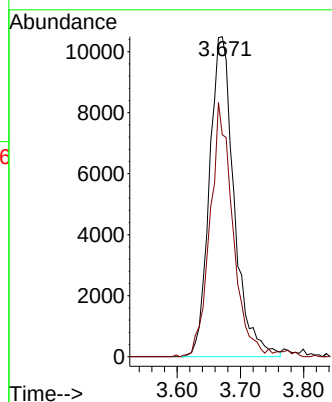
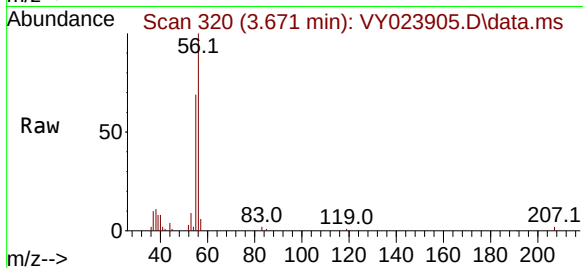
VY1209SBS03

Tgt Ion: 56 Resp: 28476

Ion Ratio Lower Upper

56 100

55 72.7 59.0 88.6



#14

Allyl chloride

Concen: 13.159 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

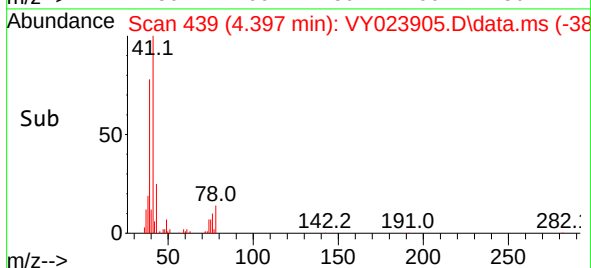
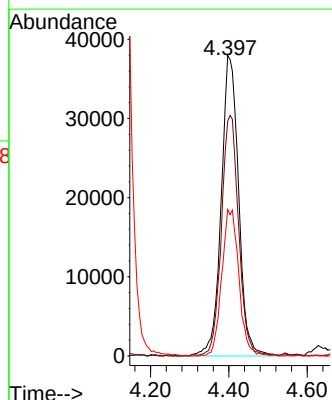
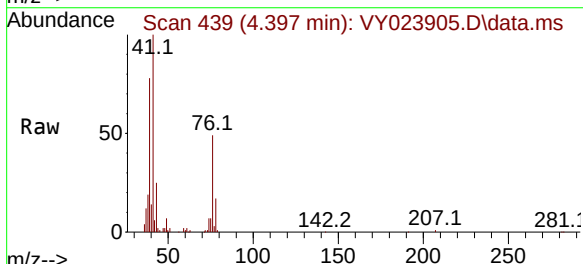
Tgt Ion: 41 Resp: 117291

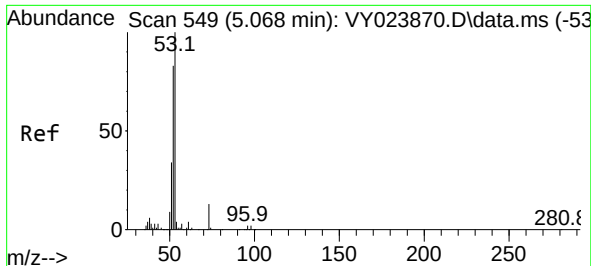
Ion Ratio Lower Upper

41 100

39 78.4 57.4 86.0

76 47.9 30.8 46.2#

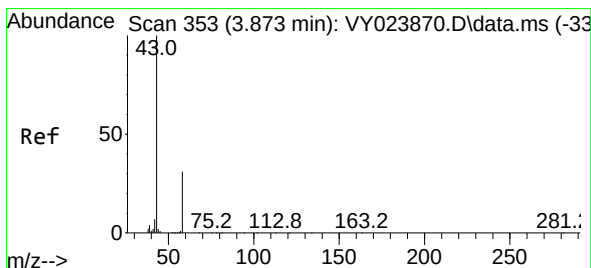
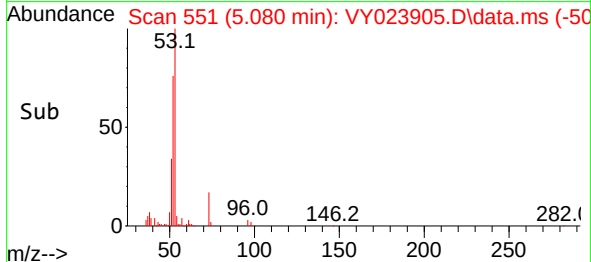
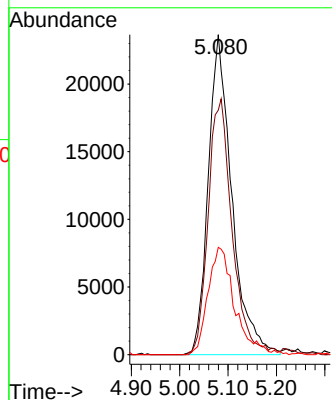
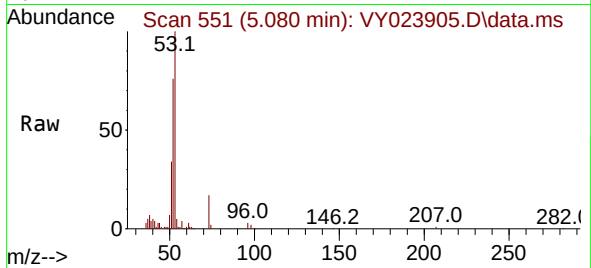




#15
Acrylonitrile
Concen: 61.644 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

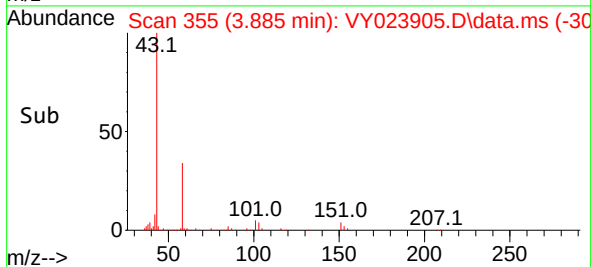
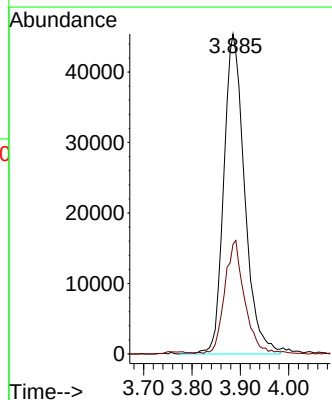
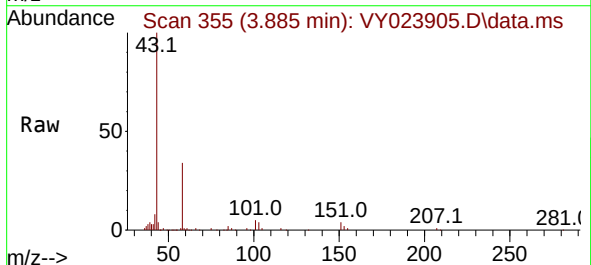
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

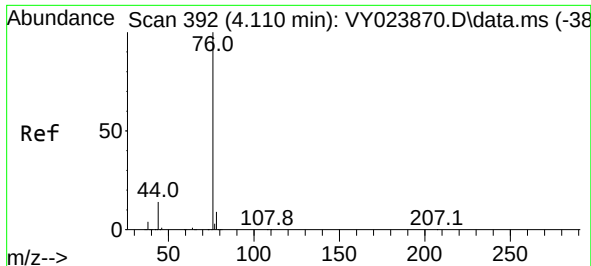
Tgt Ion: 53 Resp: 80046
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 37.7 29.5 44.3



#16
Acetone
Concen: 78.251 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 43 Resp: 135744
Ion Ratio Lower Upper
43 100
58 33.6 25.1 37.7

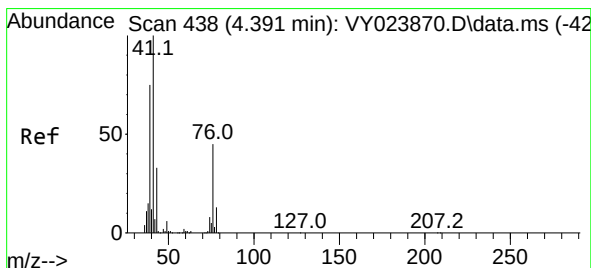
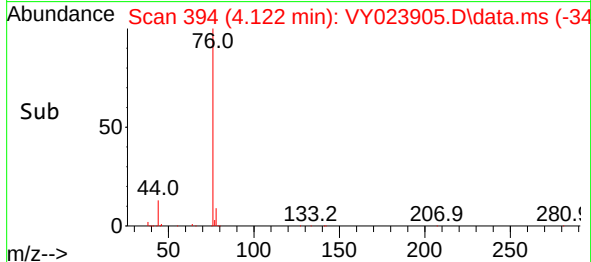
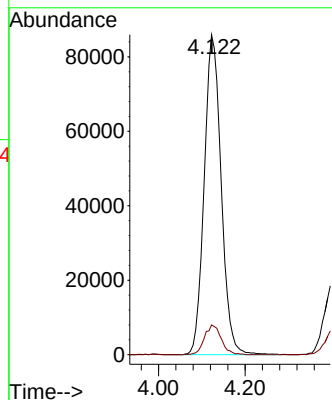
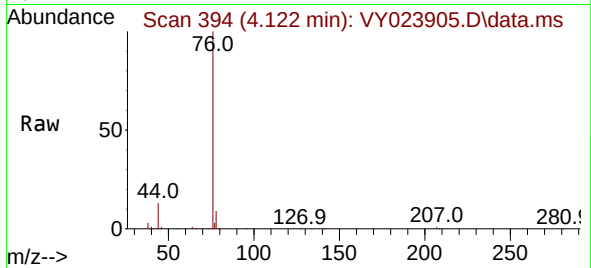




#17
Carbon Disulfide
Concen: 14.194 ug/l
RT: 4.122 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

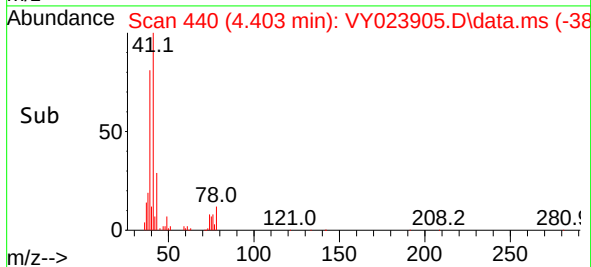
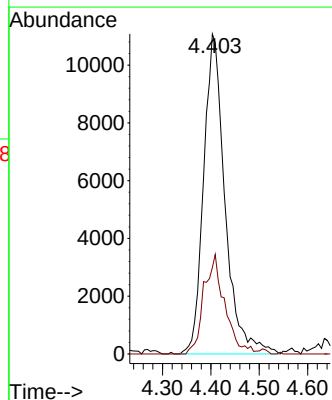
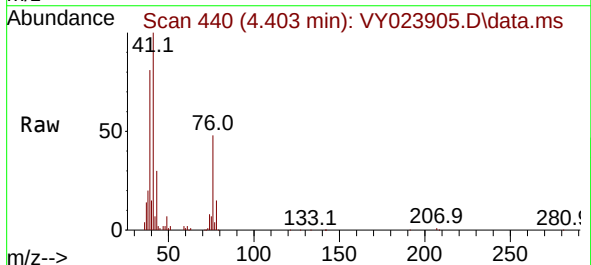
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

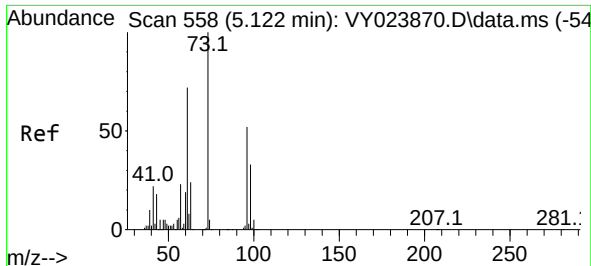
Tgt Ion: 76 Resp: 233809
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 11.580 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 43 Resp: 34074
Ion Ratio Lower Upper
43 100
74 30.4 19.6 29.4#





#19

Methyl tert-butyl Ether

Concen: 15.322 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.012 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

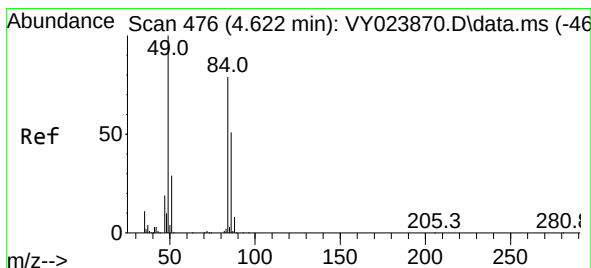
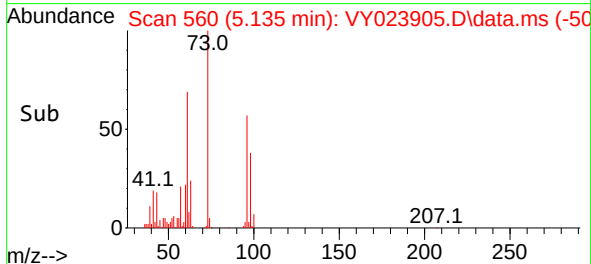
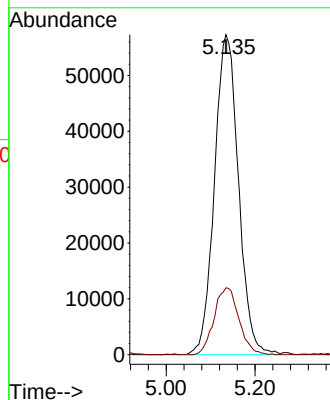
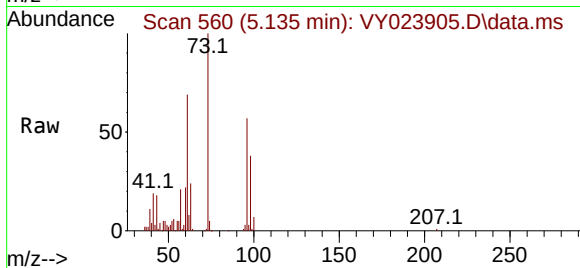
VY1209SBSD03

Tgt Ion: 73 Resp: 214569

Ion Ratio Lower Upper

73 100

57 20.9 18.2 27.2



#20

Methylene Chloride

Concen: 14.720 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.012 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Tgt Ion: 84 Resp: 100216

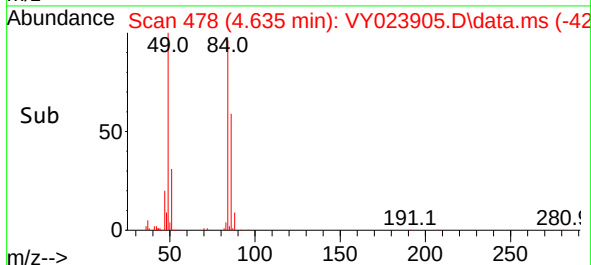
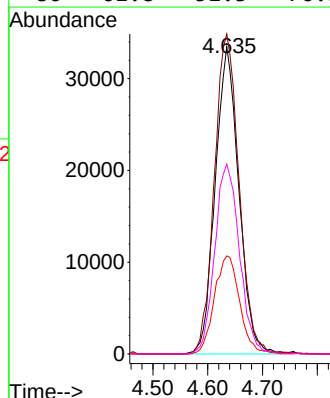
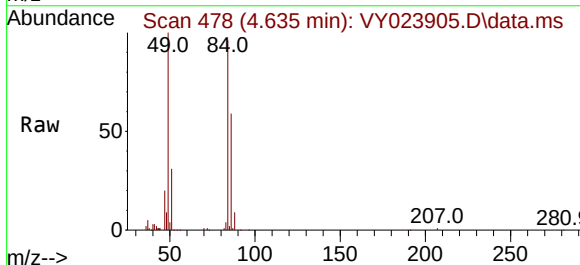
Ion Ratio Lower Upper

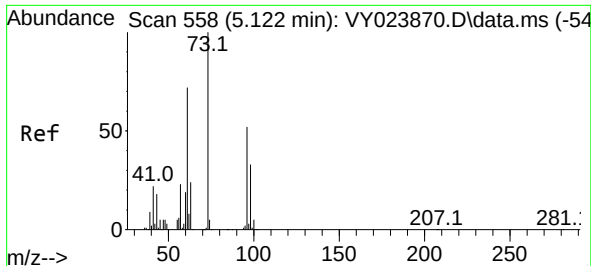
84 100

49 104.1 100.6 151.0

51 31.9 29.0 43.6

86 61.8 51.3 76.9

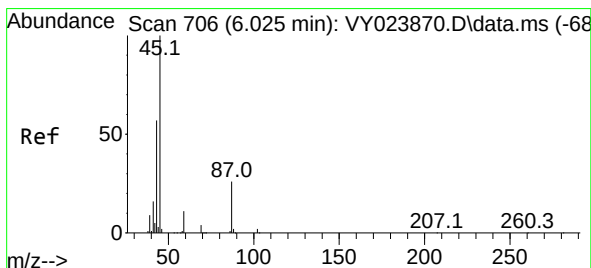
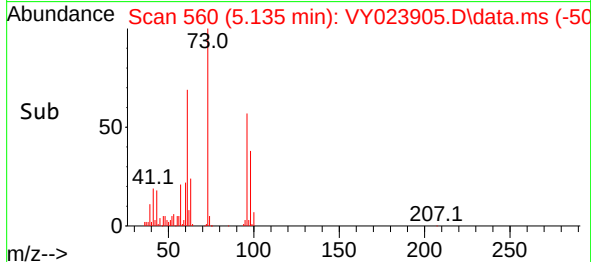
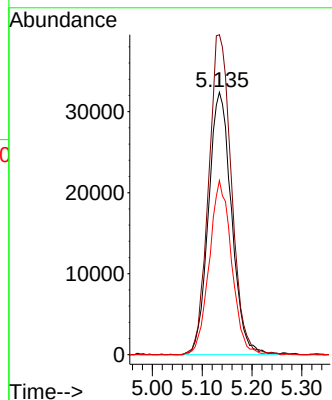
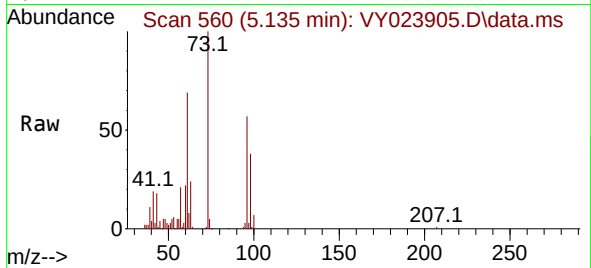




#21
trans-1,2-Dichloroethene
Concen: 16.935 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

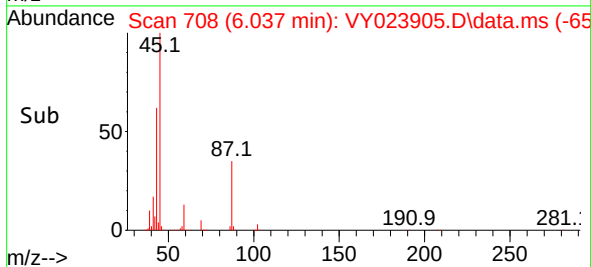
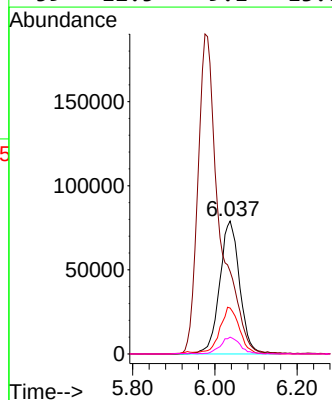
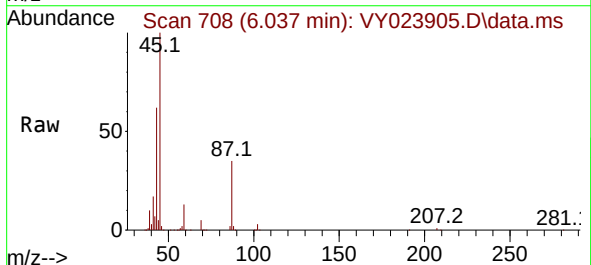
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

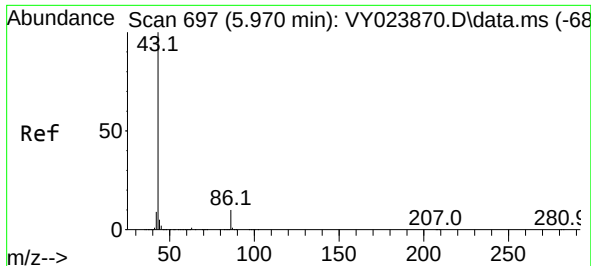
Tgt Ion: 96 Resp: 104167
Ion Ratio Lower Upper
96 100
61 121.9 111.7 167.5
98 66.3 51.5 77.3



#22
Diisopropyl ether
Concen: 13.551 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 45 Resp: 265955
Ion Ratio Lower Upper
45 100
43 61.7 45.5 68.3
87 34.6 20.7 31.1#
59 12.5 9.1 13.7

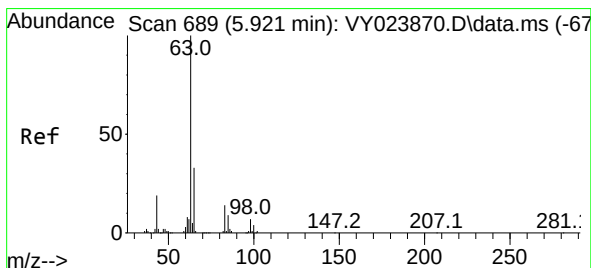
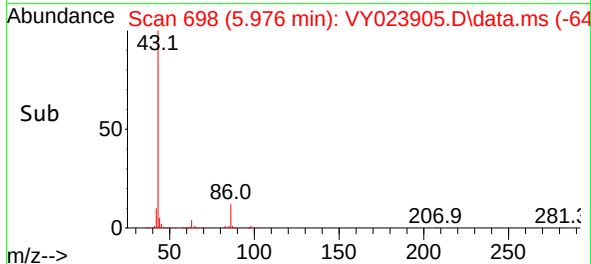
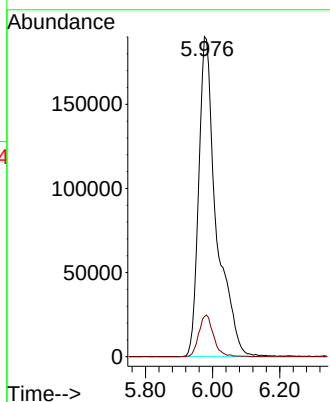
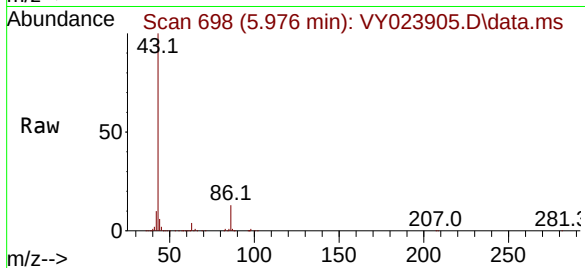




#23
 Vinyl Acetate
 Concen: 63.928 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY023905.D
 Acq: 09 Dec 2025 13:55

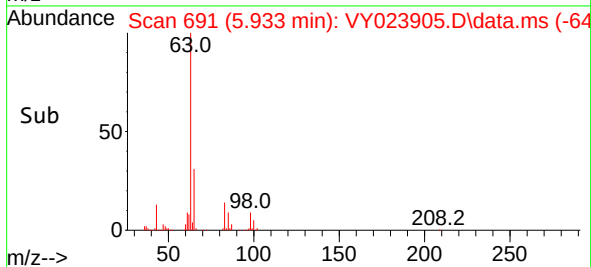
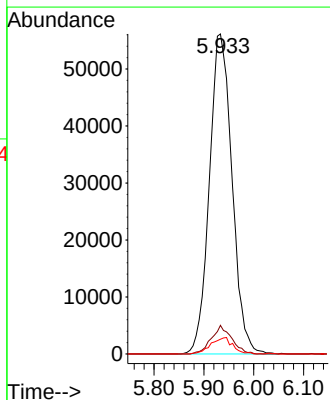
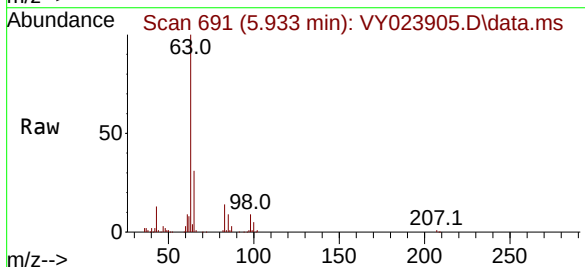
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS03

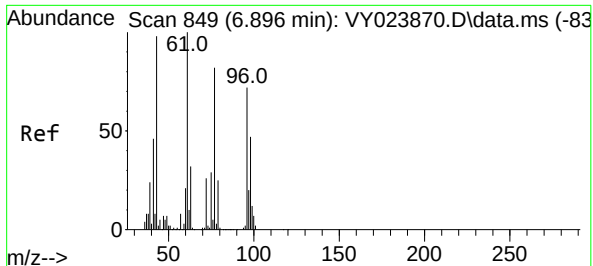
Tgt Ion: 43 Resp: 695465
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 15.629 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY023905.D
 Acq: 09 Dec 2025 13:55

Tgt Ion: 63 Resp: 177228
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.4 10.1
 100 4.6 2.2 6.6

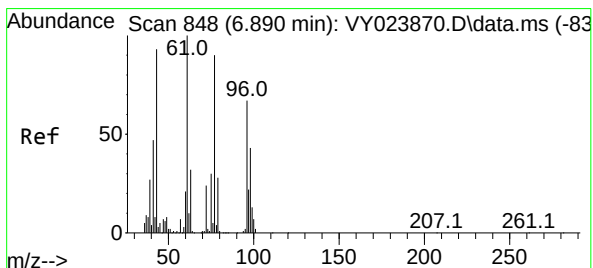
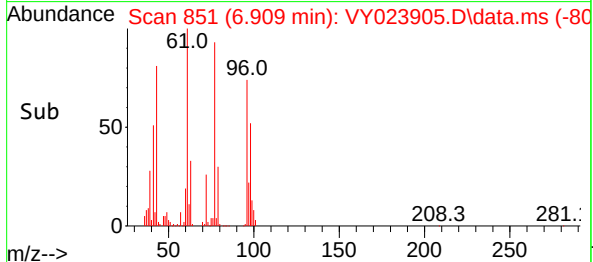
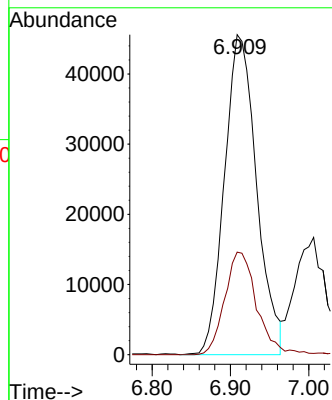
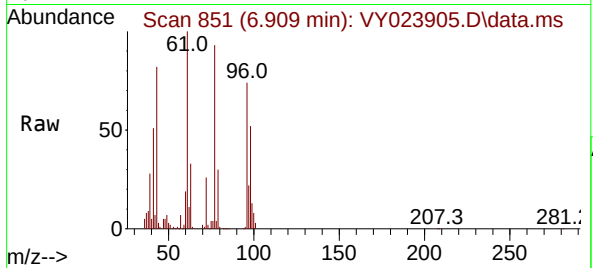




#25
2-Butanone
Concen: 62.270 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

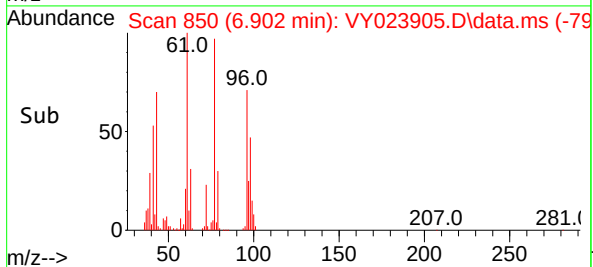
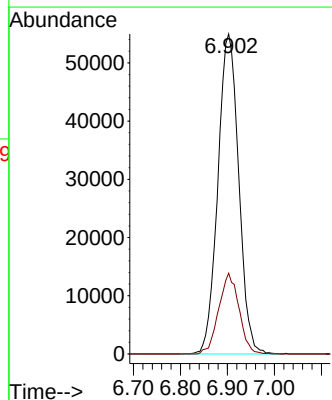
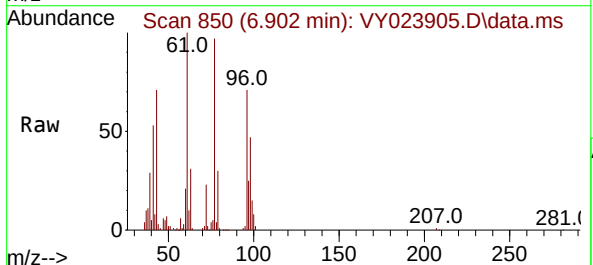
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

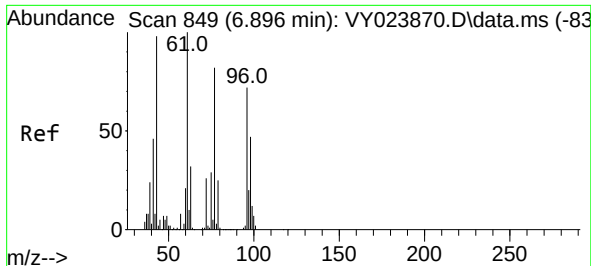
Tgt Ion: 43 Resp: 130221
Ion Ratio Lower Upper
43 100
72 32.0 21.0 31.6#



#26
2,2-Dichloropropane
Concen: 16.287 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 77 Resp: 169270
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 16.907 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS03

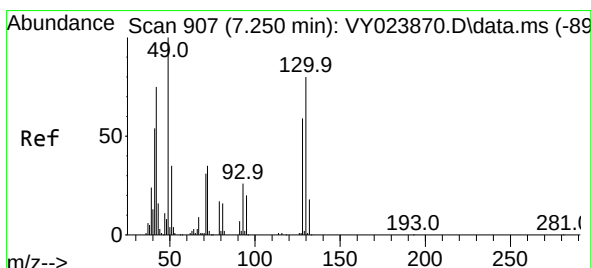
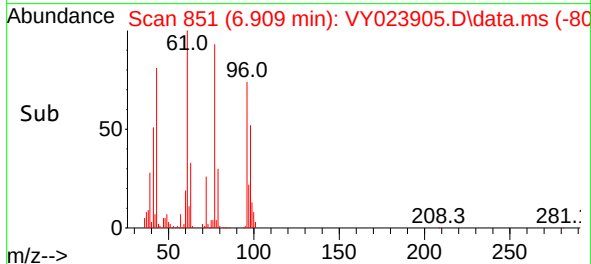
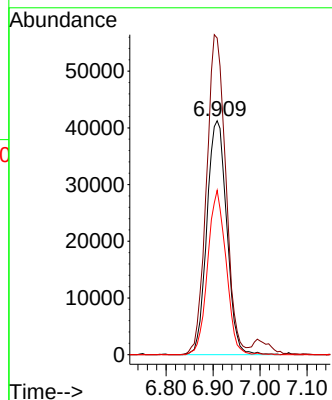
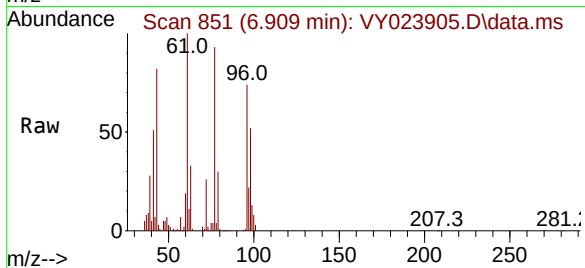
Tgt Ion: 96 Resp: 120758

Ion Ratio Lower Upper

96 100

61 132.9 0.0 292.8

98 65.1 0.0 128.4



#28

Bromochloromethane

Concen: 13.698 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

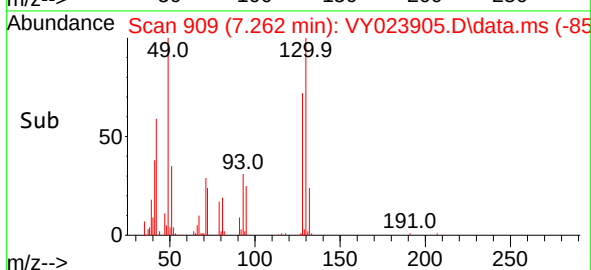
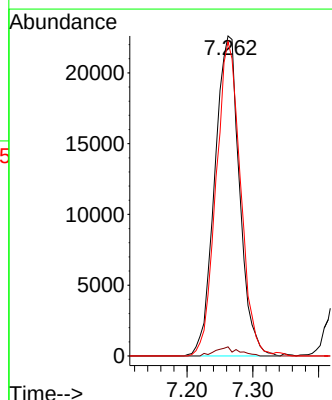
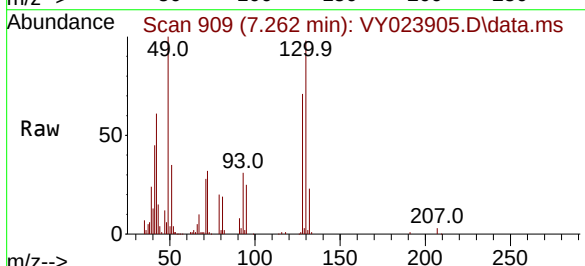
Tgt Ion: 49 Resp: 59350

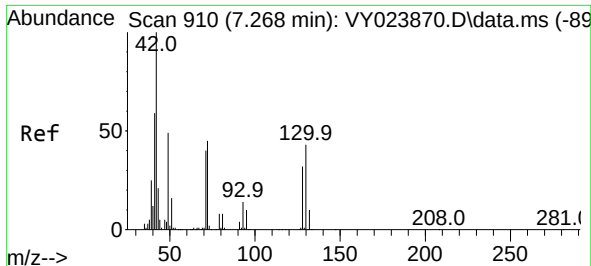
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 96.4 61.0 91.6#





#29

Tetrahydrofuran

Concen: 58.148 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS03

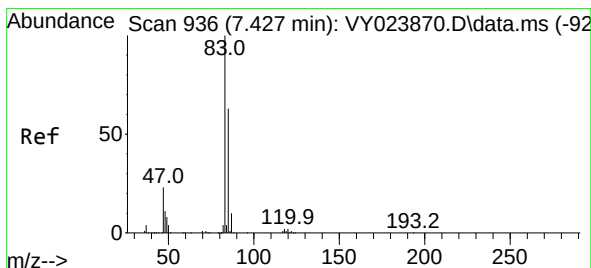
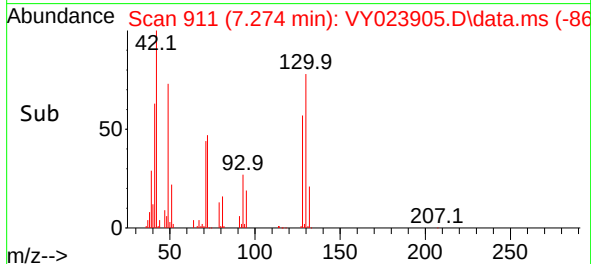
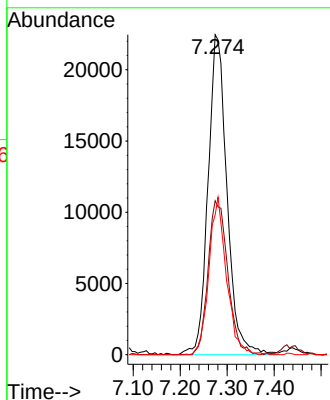
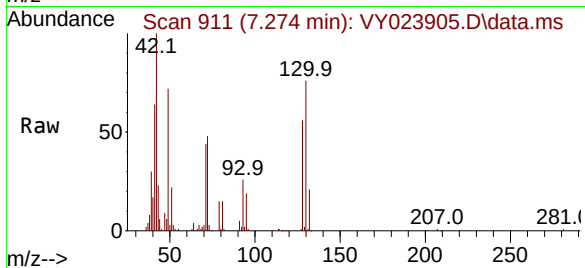
Tgt Ion: 42 Resp: 62888

Ion Ratio Lower Upper

42 100

72 50.1 35.6 53.4

71 45.5 32.5 48.7



#30

Chloroform

Concen: 16.896 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.012 min

Lab File: VY023905.D

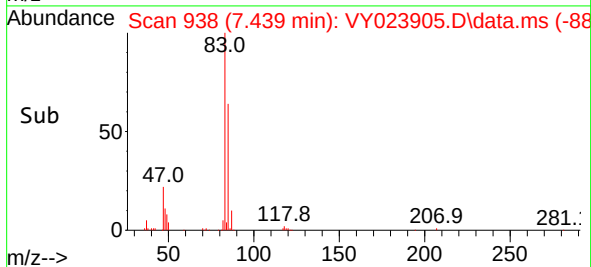
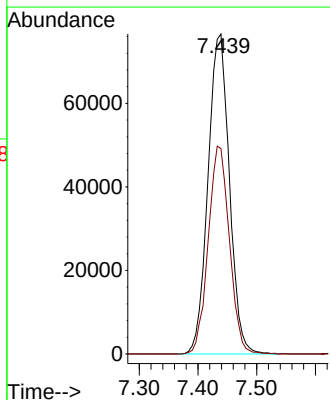
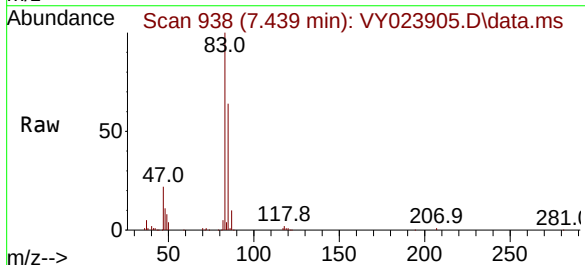
Acq: 09 Dec 2025 13:55

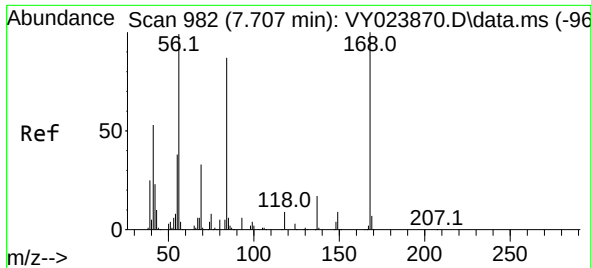
Tgt Ion: 83 Resp: 193597

Ion Ratio Lower Upper

83 100

85 64.2 50.6 76.0

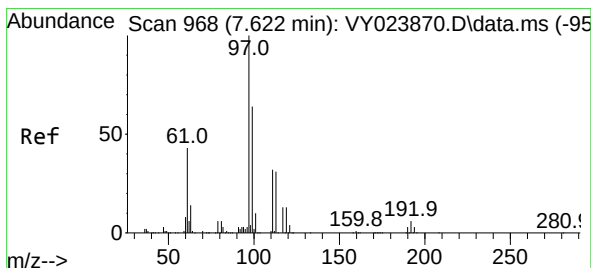
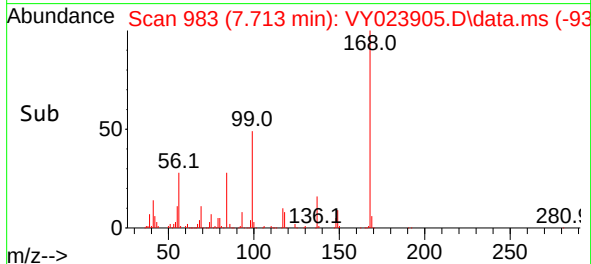
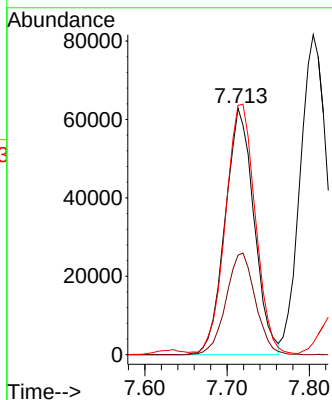
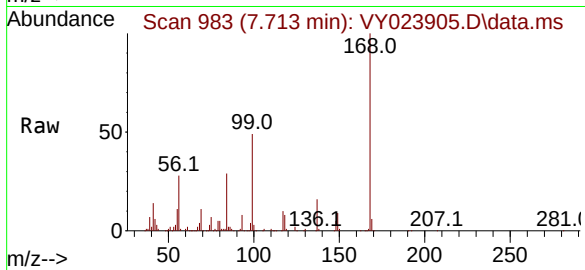




#31
Cyclohexane
Concen: 14.197 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

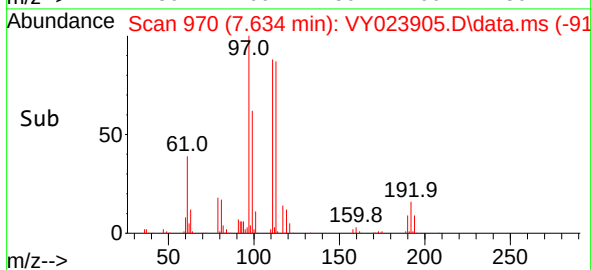
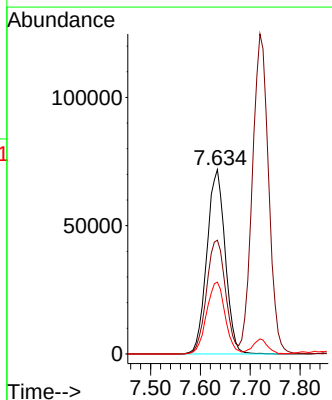
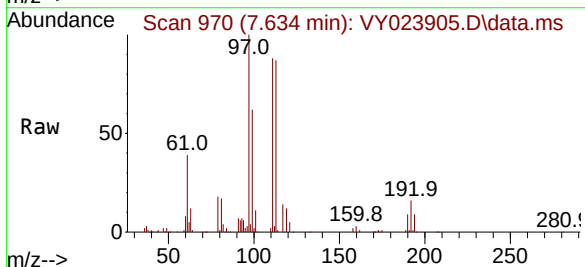
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

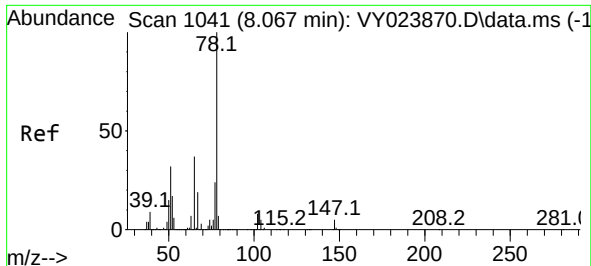
Tgt Ion: 56 Resp: 153926
Ion Ratio Lower Upper
56 100
69 40.4 26.8 40.2#
84 99.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 17.701 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 97 Resp: 183092
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 39.5 34.9 52.3

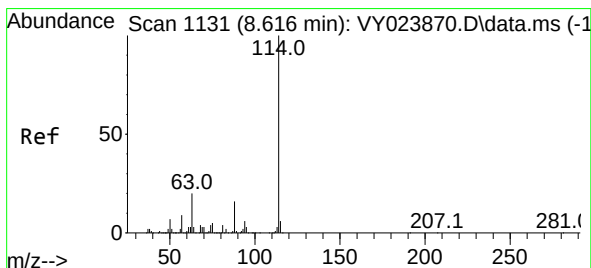
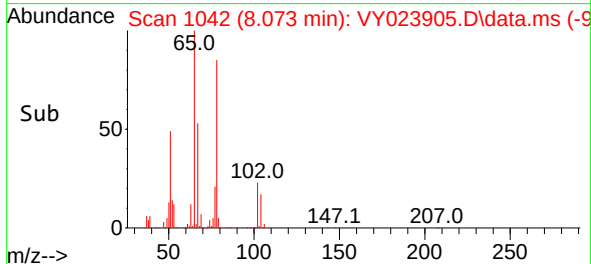
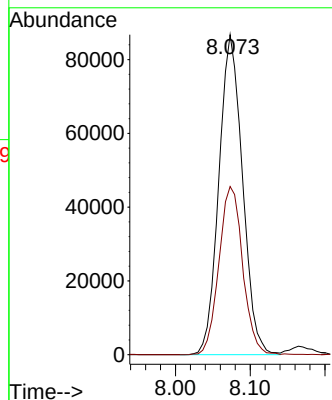
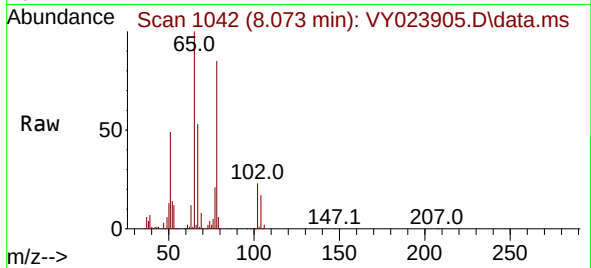




#33
 1,2-Dichloroethane-d4
 Concen: 32.905 ug/l
 RT: 8.073 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY023905.D
 Acq: 09 Dec 2025 13:55

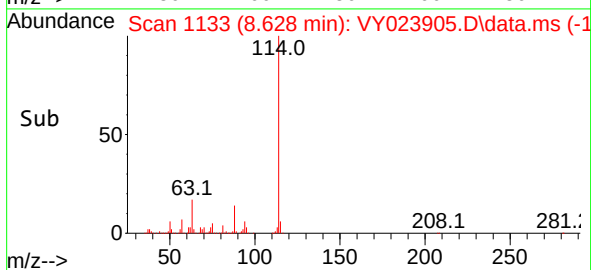
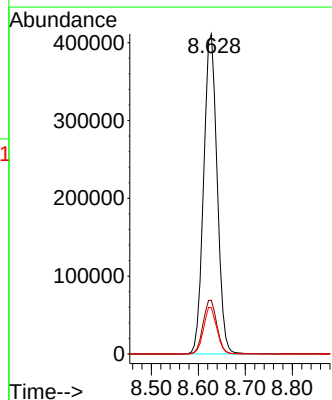
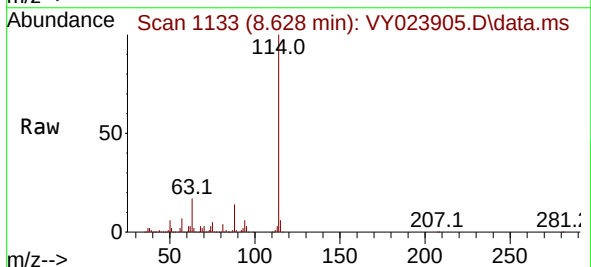
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS03

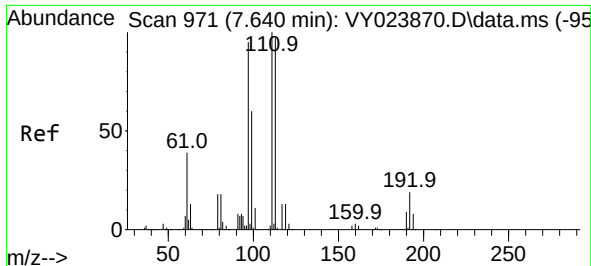
Tgt Ion: 65 Resp: 190489
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1133
 Delta R.T. 0.012 min
 Lab File: VY023905.D
 Acq: 09 Dec 2025 13:55

Tgt Ion: 114 Resp: 818059
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 39.2
 88 14.4 0.0 31.4

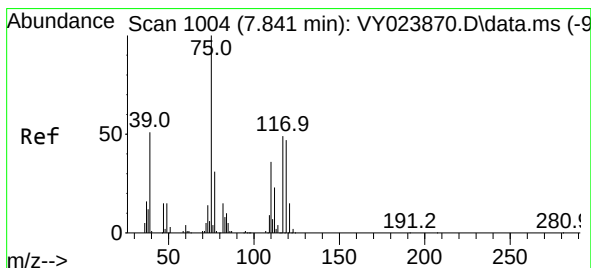
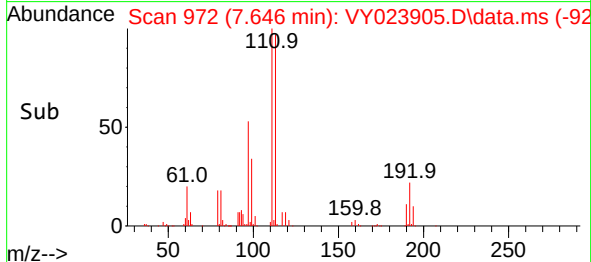
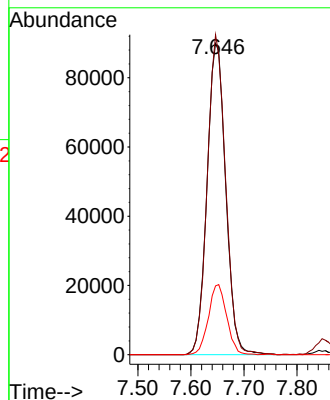
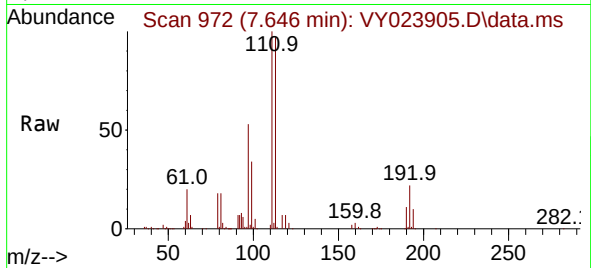




#35
Dibromofluoromethane
Concen: 41.998 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

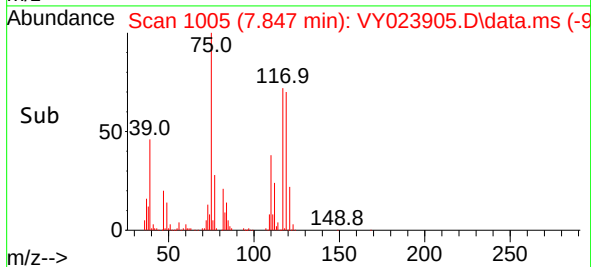
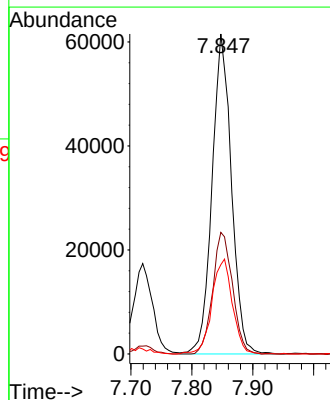
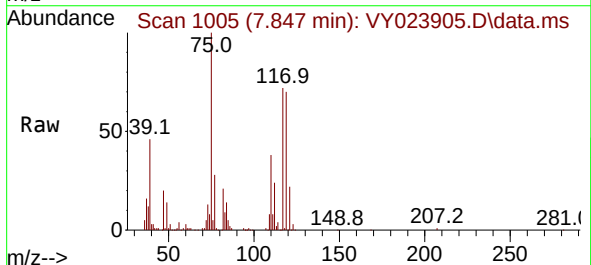
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

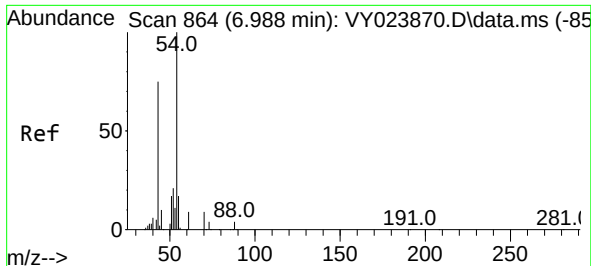
Tgt Ion:113 Resp: 220354
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.2
192 22.0 15.8 23.8



#36
1,1-Dichloropropene
Concen: 17.596 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 75 Resp: 136130
Ion Ratio Lower Upper
75 100
110 38.8 17.6 52.9
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 13.198 ug/l

RT: 7.006 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS03

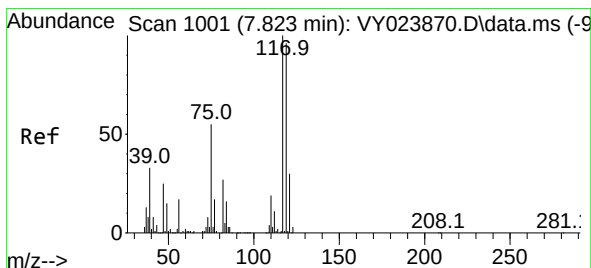
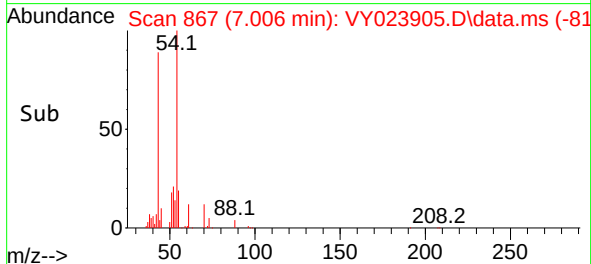
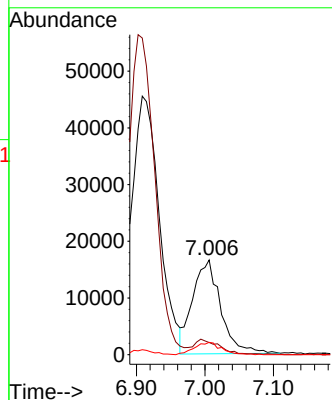
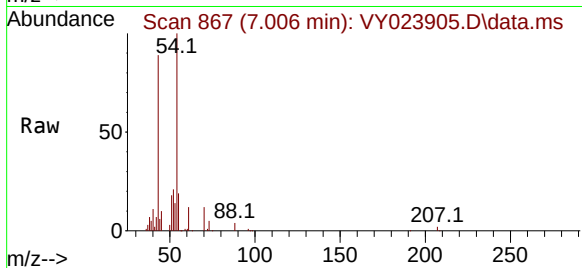
Tgt Ion: 43 Resp: 47149

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.4

70 12.6 8.1 12.1#



#38

Carbon Tetrachloride

Concen: 19.945 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

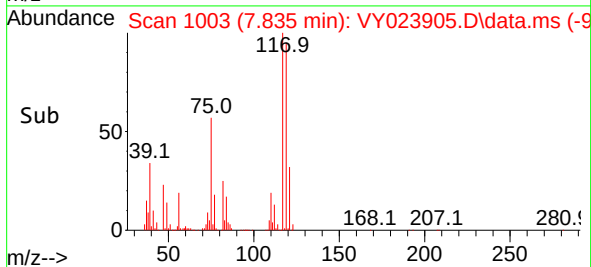
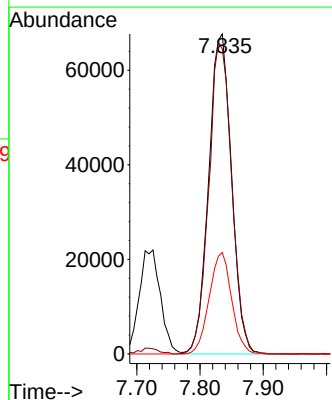
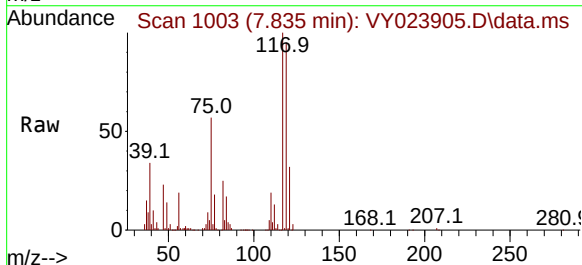
Tgt Ion: 117 Resp: 170303

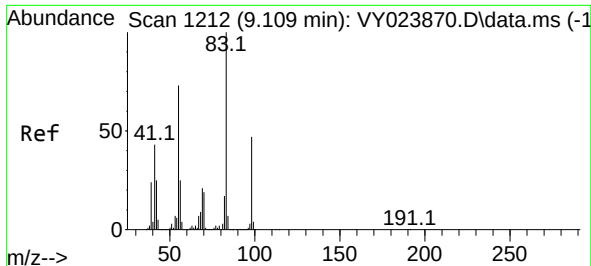
Ion Ratio Lower Upper

117 100

119 95.3 77.0 115.6

121 31.7 23.9 35.9





#39

Methylcyclohexane

Concen: 17.583 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS03

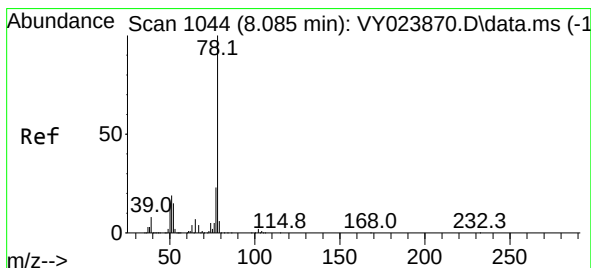
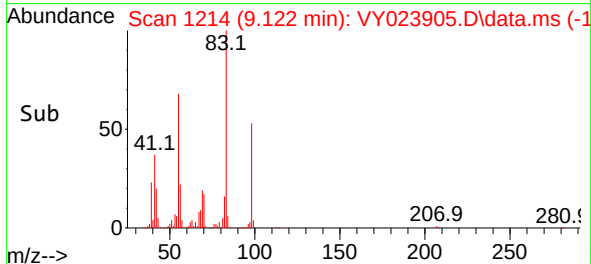
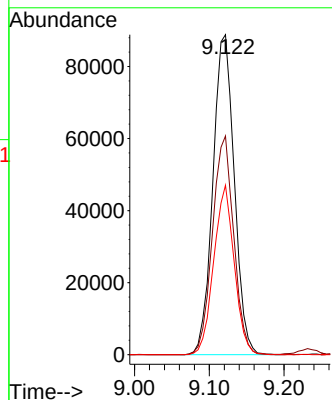
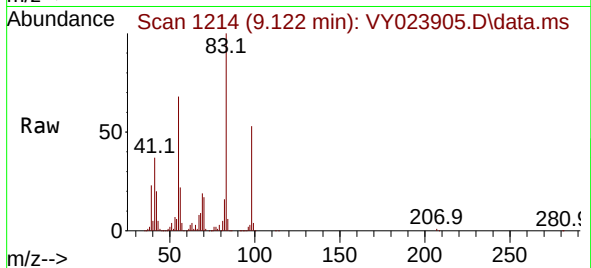
Tgt Ion: 83 Resp: 177075

Ion Ratio Lower Upper

83 100

55 68.3 58.8 88.2

98 53.0 37.8 56.6



#40

Benzene

Concen: 17.462 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY023905.D

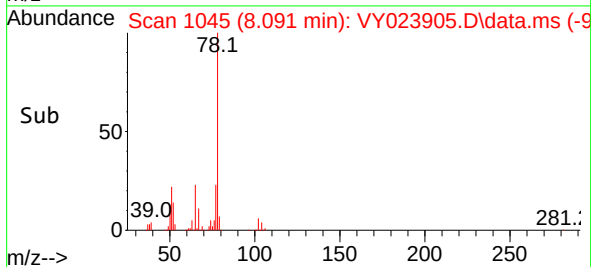
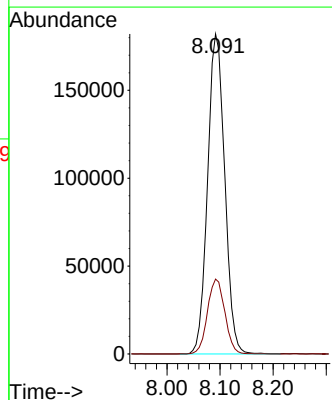
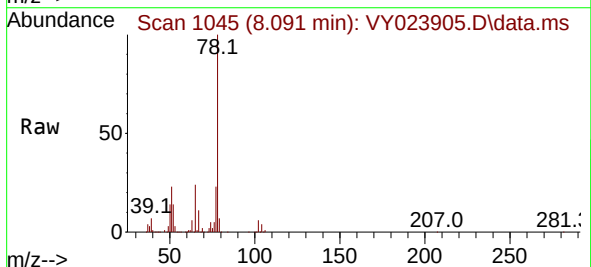
Acq: 09 Dec 2025 13:55

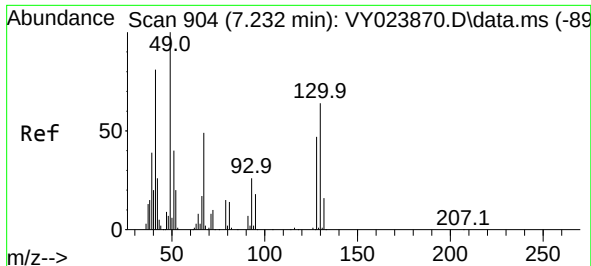
Tgt Ion: 78 Resp: 408355

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0

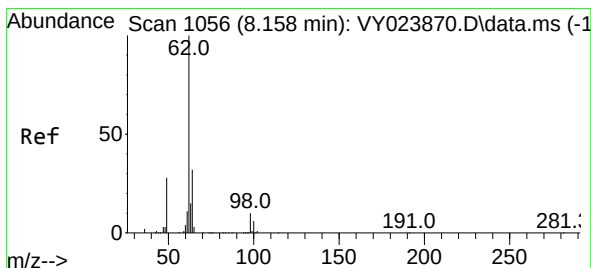
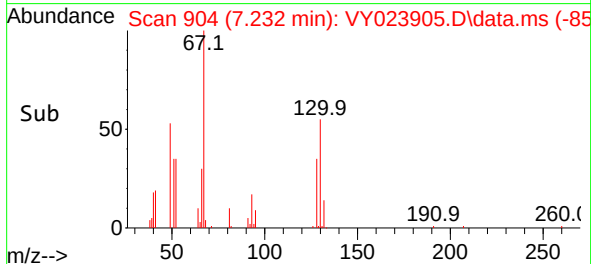
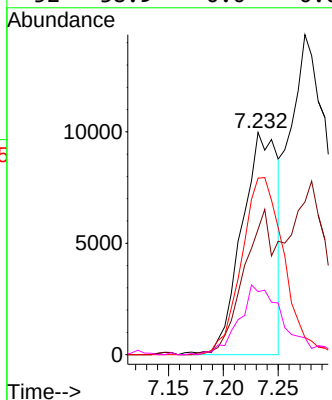
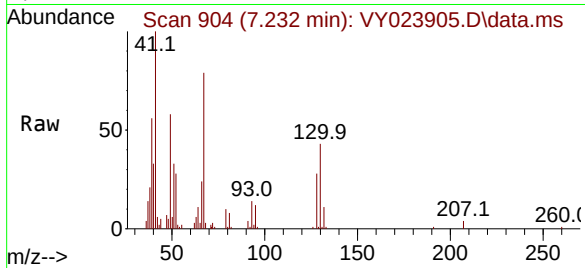




#41
Methacrylonitrile
Concen: 12.322 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

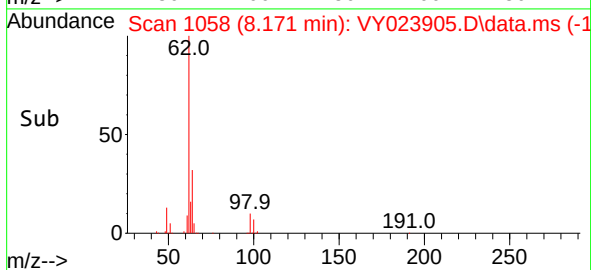
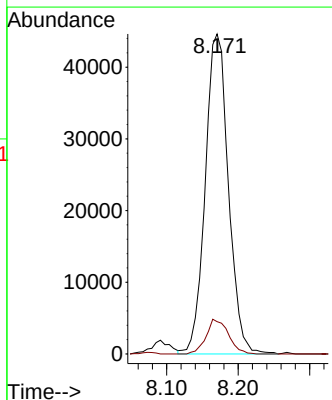
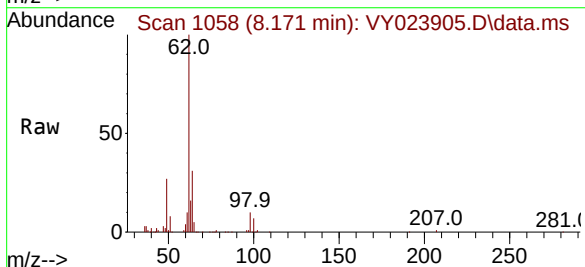
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

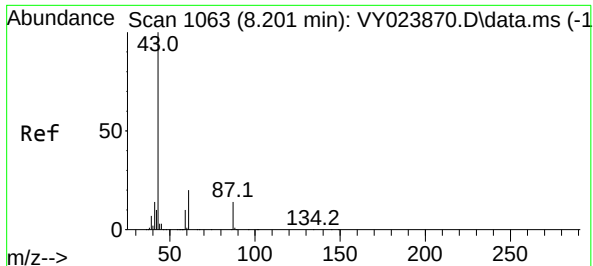
Tgt Ion: 41 Resp: 22692
Ion Ratio Lower Upper
41 100
39 66.5 49.4 74.2
67 93.9 0.0 0.0#
52 38.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 16.456 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 62 Resp: 100417
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.2

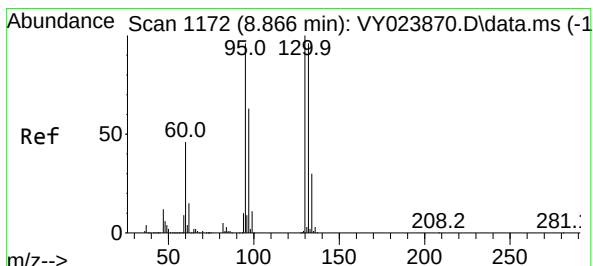
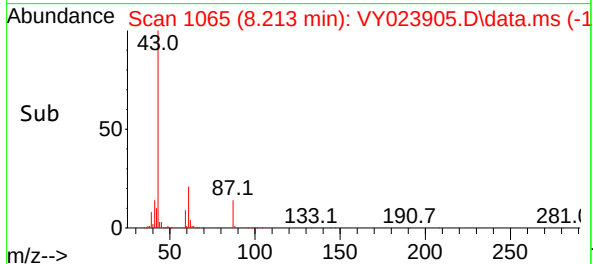
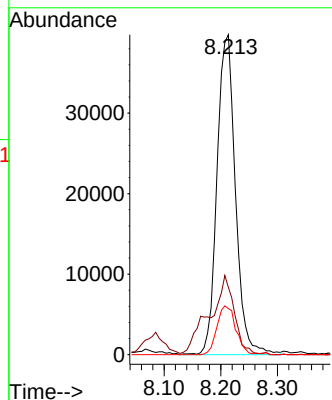
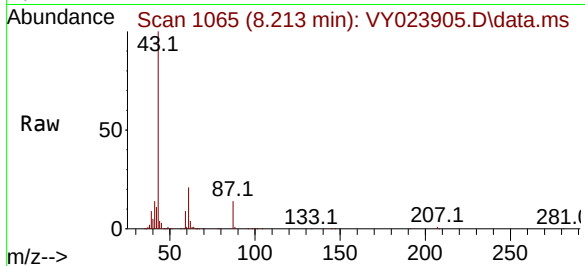




#43
Isopropyl Acetate
Concen: 13.450 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

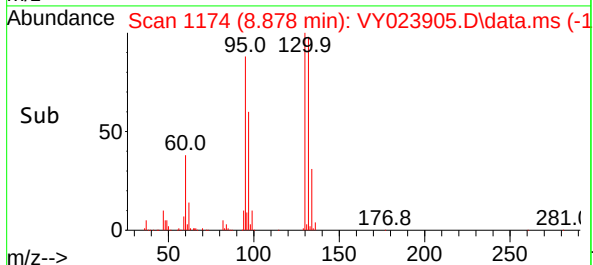
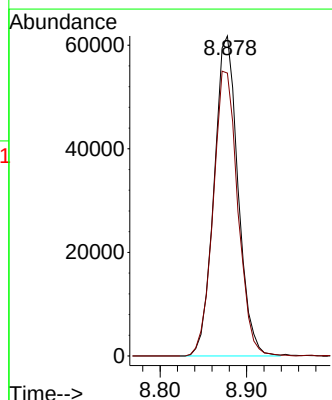
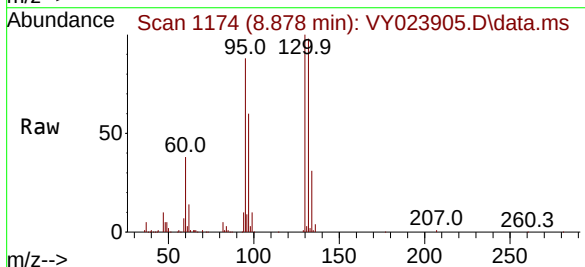
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

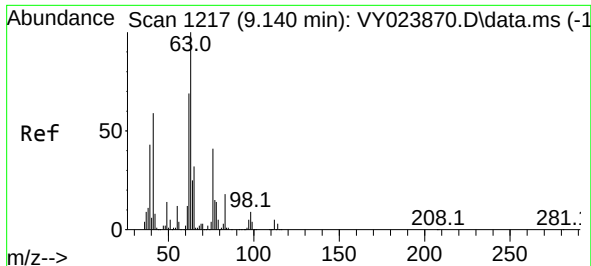
Tgt Ion: 43 Resp: 89904
Ion Ratio Lower Upper
43 100
61 21.9 24.2 36.4#
87 15.8 11.0 16.4



#44
Trichloroethene
Concen: 19.716 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion:130 Resp: 118631
Ion Ratio Lower Upper
130 100
95 88.4 0.0 192.4





#45

1,2-Dichloropropane

Concen: 16.272 ug/l

RT: 9.152 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

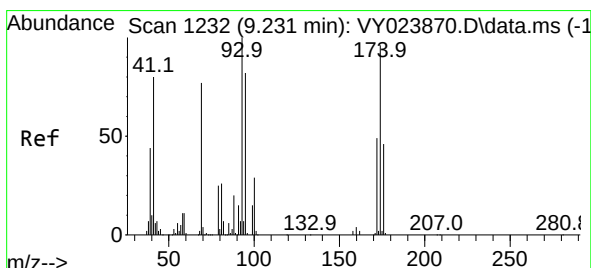
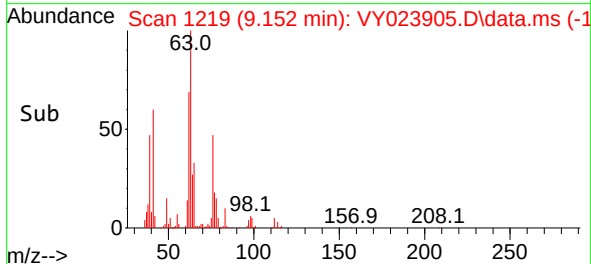
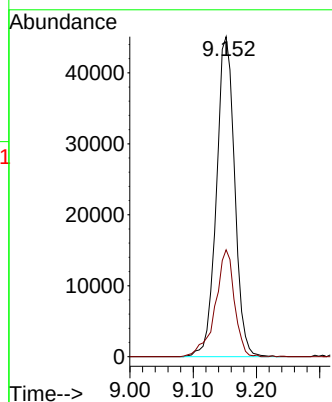
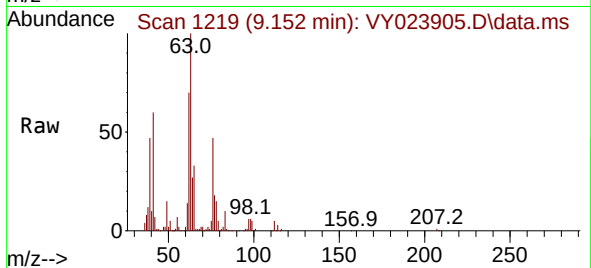
VY1209SBS03

Tgt Ion: 63 Resp: 90100

Ion Ratio Lower Upper

63 100

65 33.4 25.6 38.4



#46

Dibromomethane

Concen: 17.272 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

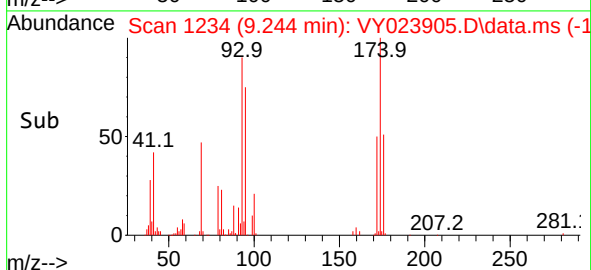
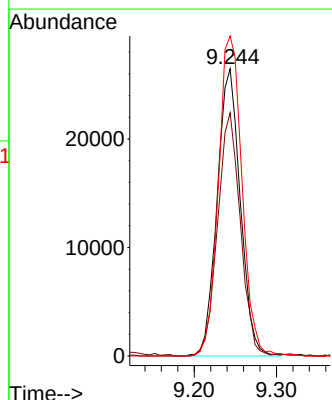
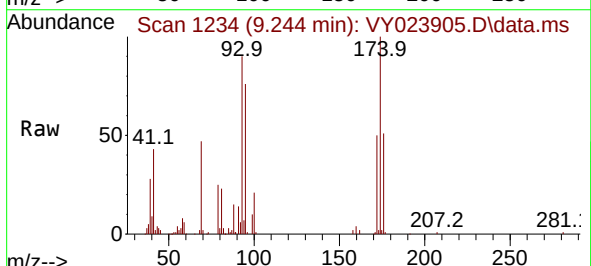
Tgt Ion: 93 Resp: 51774

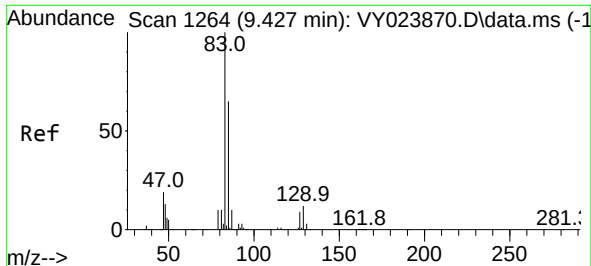
Ion Ratio Lower Upper

93 100

95 83.2 66.4 99.6

174 113.8 81.4 122.0





#47

Bromodichloromethane

Concen: 17.705 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS03

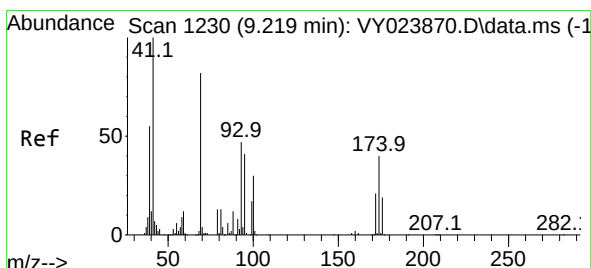
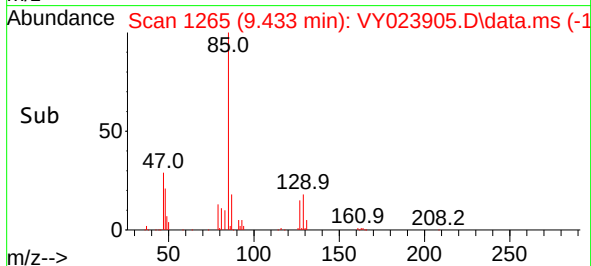
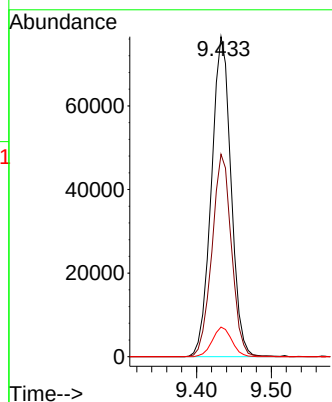
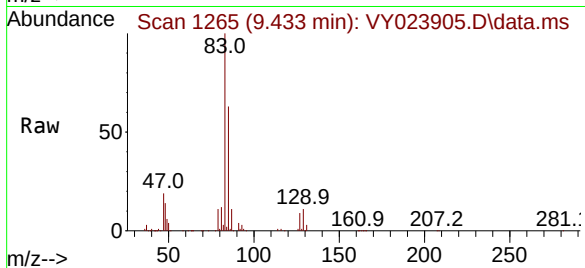
Tgt Ion: 83 Resp: 140020

Ion Ratio Lower Upper

83 100

85 63.3 51.6 77.4

127 9.2 7.2 10.8



#48

Methyl methacrylate

Concen: 13.429 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

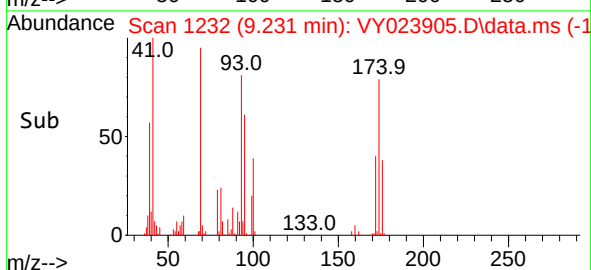
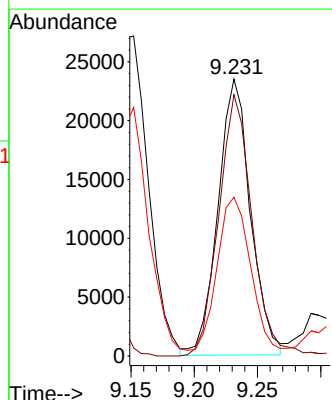
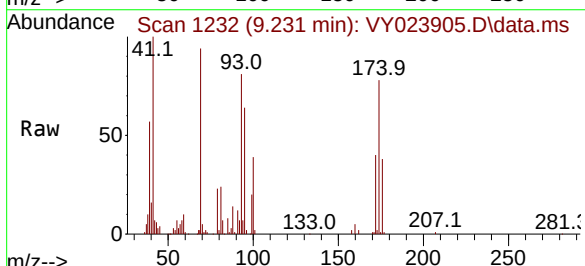
Tgt Ion: 41 Resp: 41934

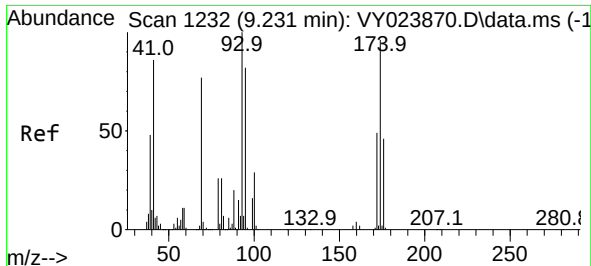
Ion Ratio Lower Upper

41 100

69 97.3 67.7 101.5

39 56.6 43.4 65.0

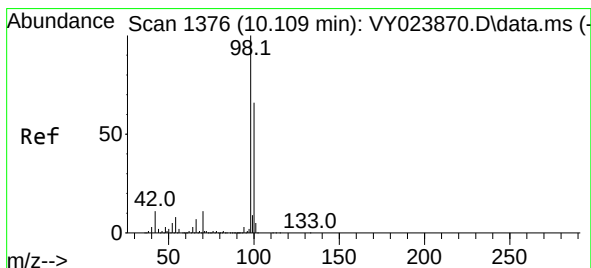
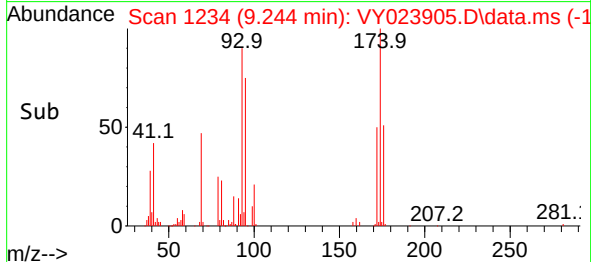
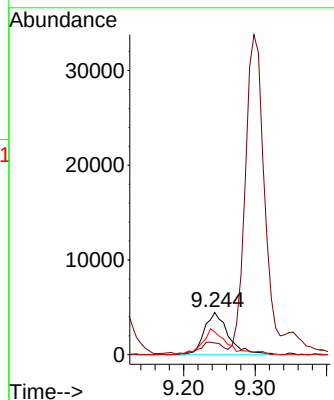
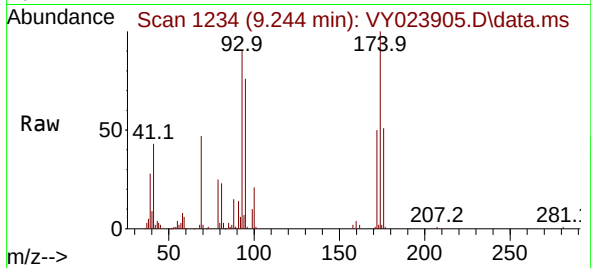




#49
1,4-Dioxane
Concen: 312.800 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

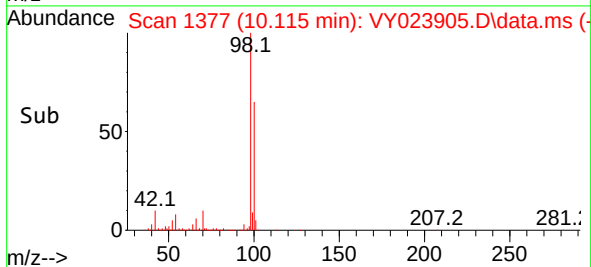
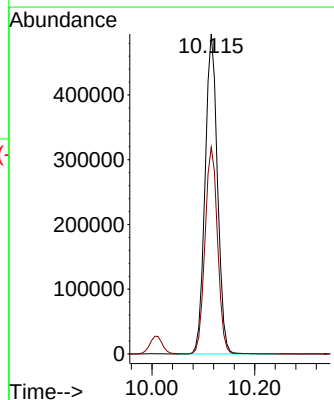
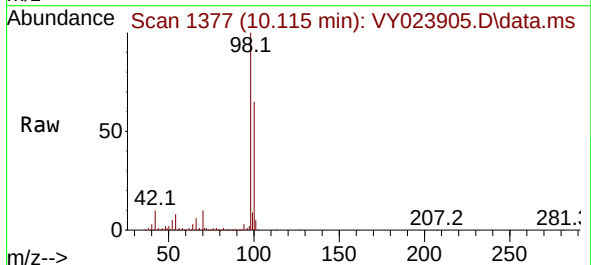
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

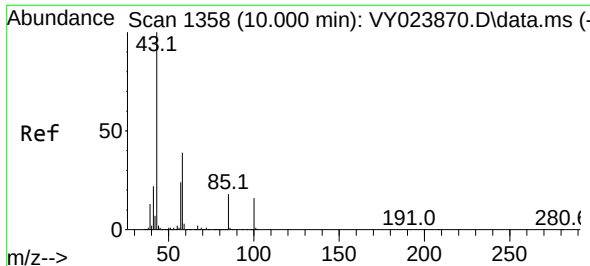
Tgt Ion: 88 Resp: 10426
Ion Ratio Lower Upper
88 100
43 24.5 26.8 40.2#
58 64.0 52.4 78.6



#50
Toluene-d8
Concen: 40.453 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 98 Resp: 825938
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

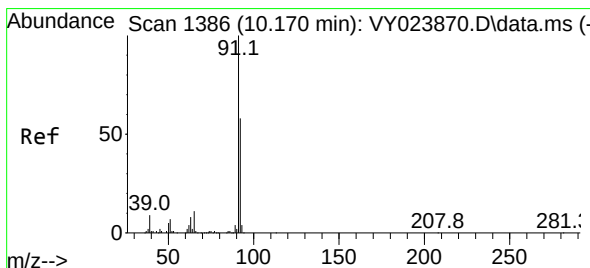
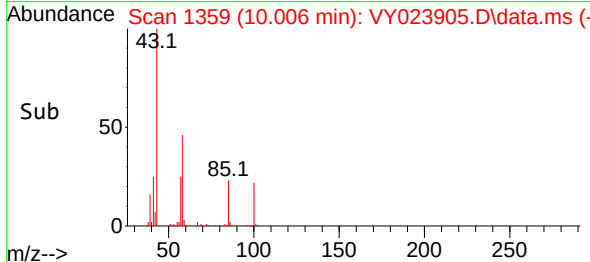
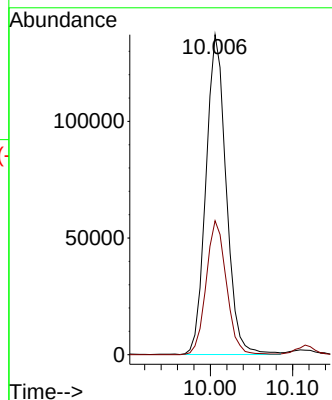
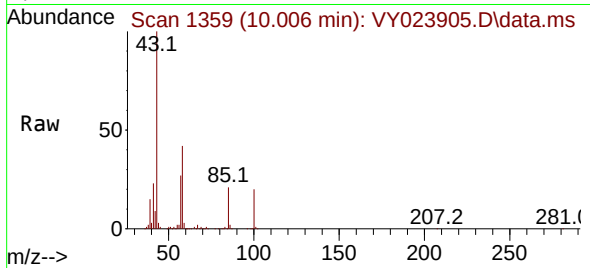




#51
4-Methyl-2-Pentanone
Concen: 66.720 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

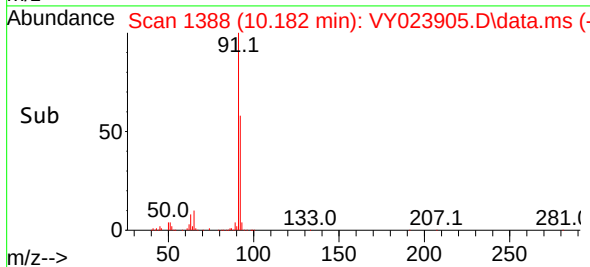
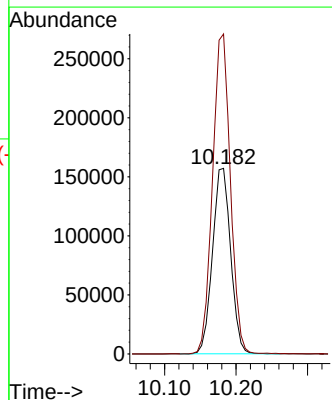
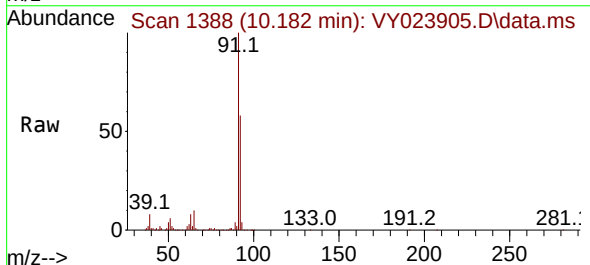
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

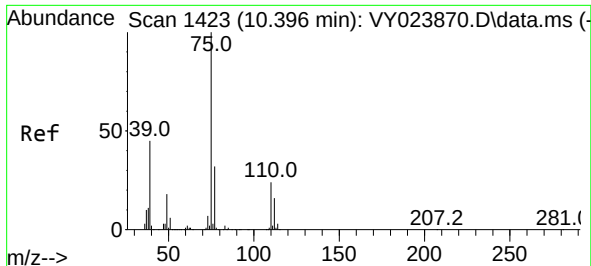
Tgt Ion: 43 Resp: 234509
Ion Ratio Lower Upper
43 100
58 41.9 31.8 47.8



#52
Toluene
Concen: 18.910 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.012 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 92 Resp: 276921
Ion Ratio Lower Upper
92 100
91 169.9 137.3 205.9

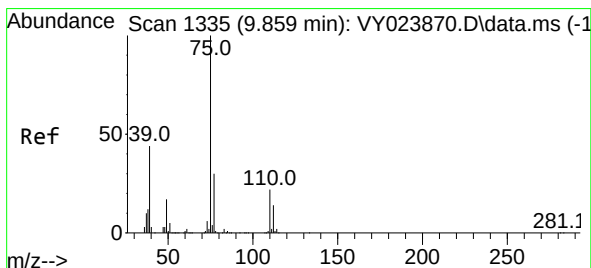
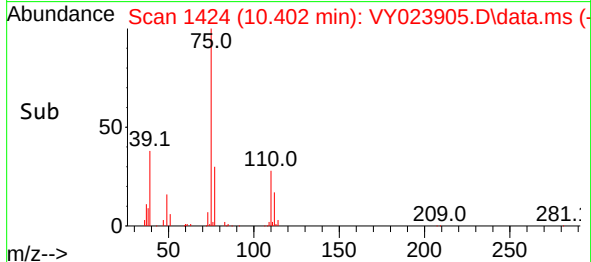
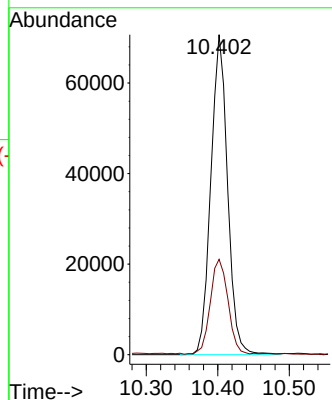
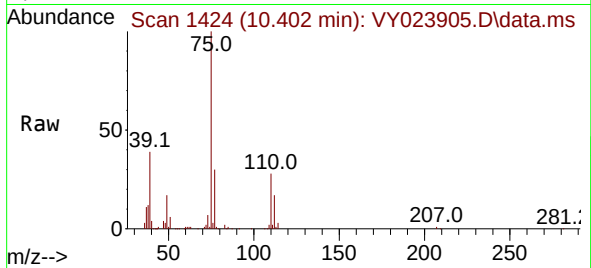




#53
 t-1,3-Dichloropropene
 Concen: 16.084 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY023905.D
 Acq: 09 Dec 2025 13:55

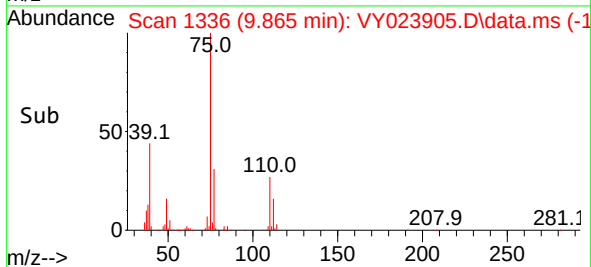
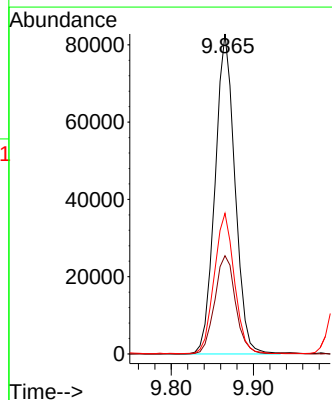
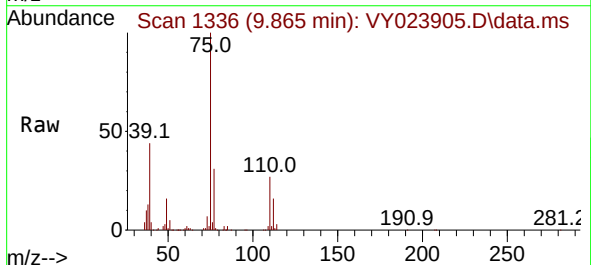
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS03

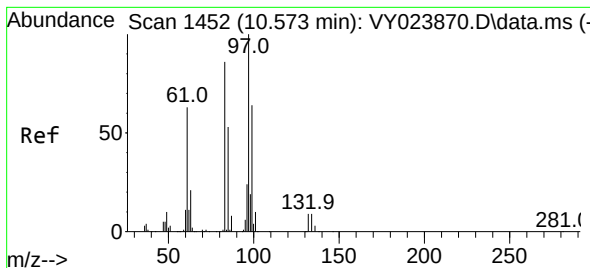
Tgt Ion: 75 Resp: 114807
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 16.576 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY023905.D
 Acq: 09 Dec 2025 13:55

Tgt Ion: 75 Resp: 139328
 Ion Ratio Lower Upper
 75 100
 77 30.7 23.8 35.6
 39 43.8 35.5 53.3

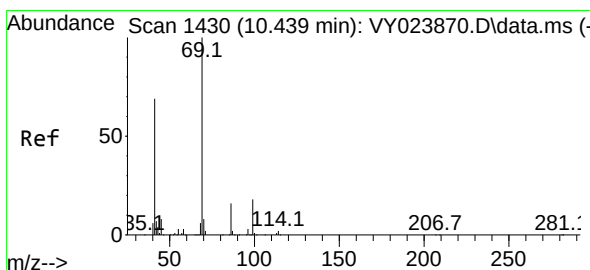
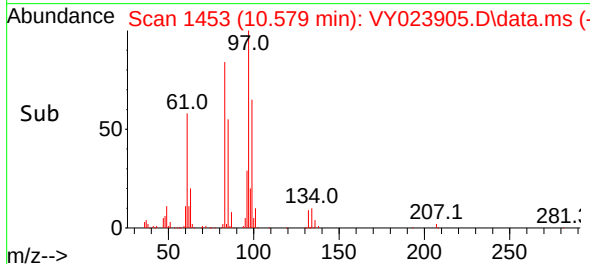
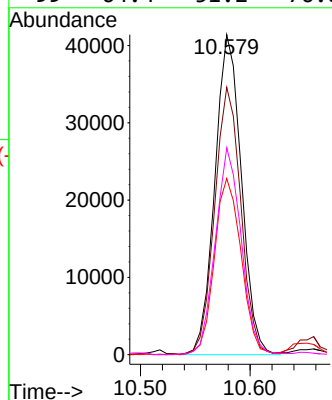
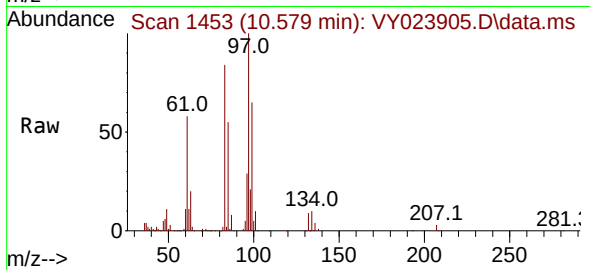




#55
1,1,2-Trichloroethane
Concen: 17.193 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

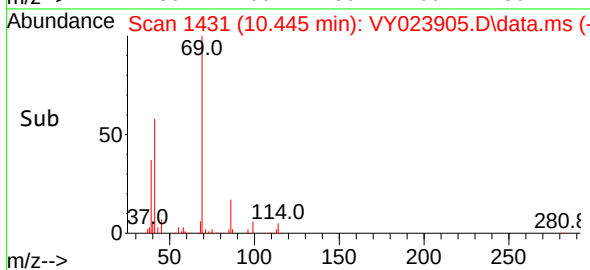
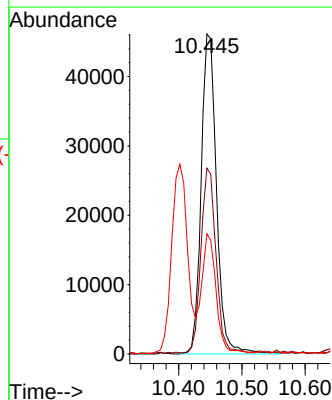
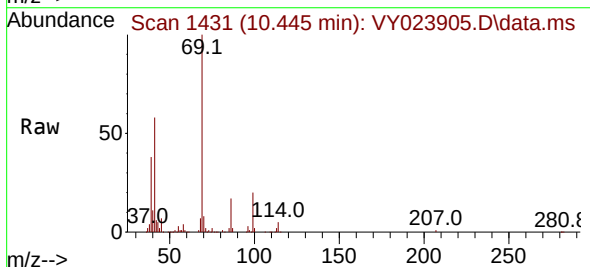
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

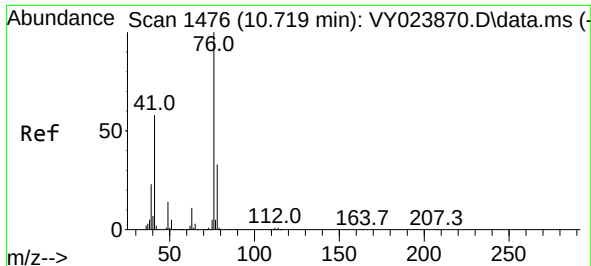
Tgt Ion: 97	Resp: 69571
Ion Ratio	Lower Upper
97 100	
83 83.3	69.0 103.4
85 55.0	42.6 63.8
99 64.4	51.2 76.8



#56
Ethyl methacrylate
Concen: 16.250 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 69	Resp: 77943
Ion Ratio	Lower Upper
69 100	
41 56.2	52.5 78.7
39 34.4	27.1 40.7





#57

1,3-Dichloropropane

Concen: 16.196 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

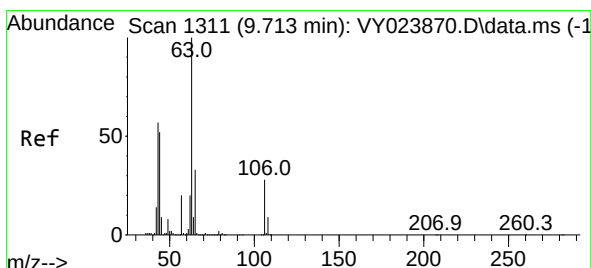
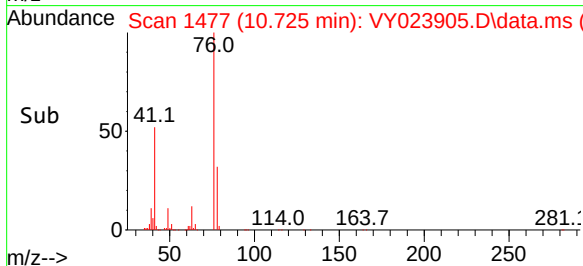
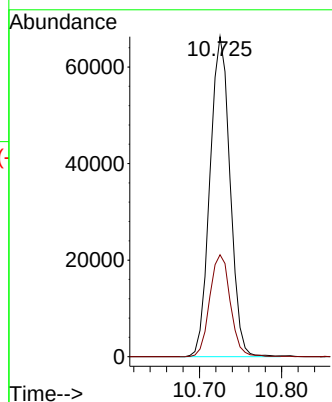
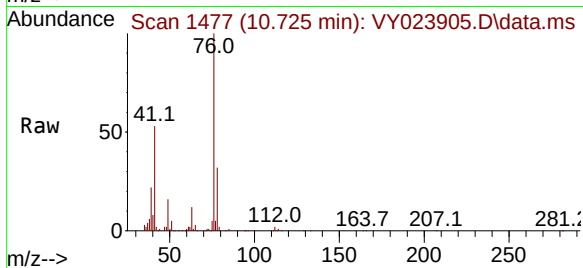
VY1209SBSD03

Tgt Ion: 76 Resp: 112877

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 81.671 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY023905.D

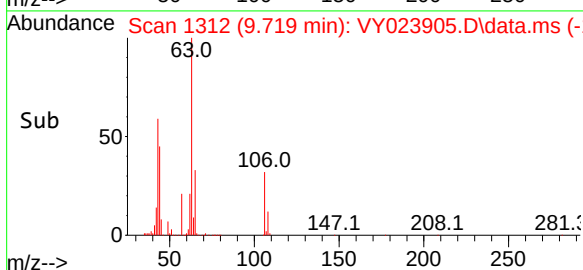
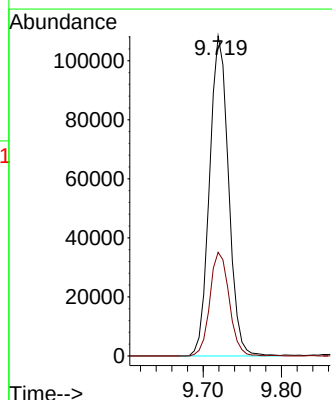
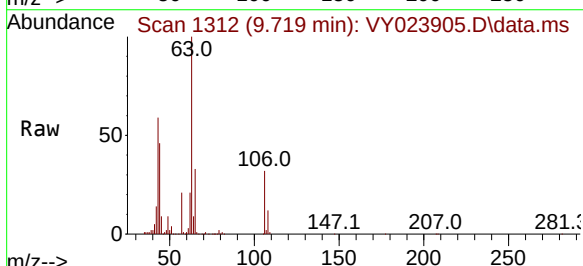
Acq: 09 Dec 2025 13:55

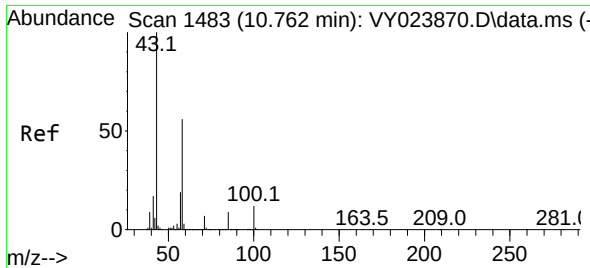
Tgt Ion: 63 Resp: 182747

Ion Ratio Lower Upper

63 100

106 32.9 22.5 33.7

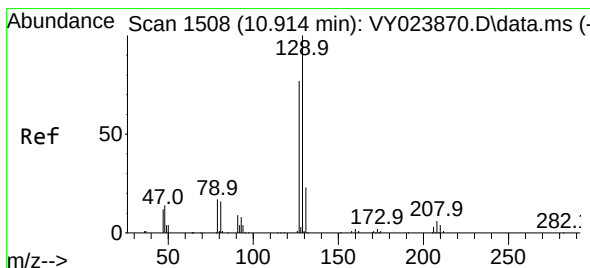
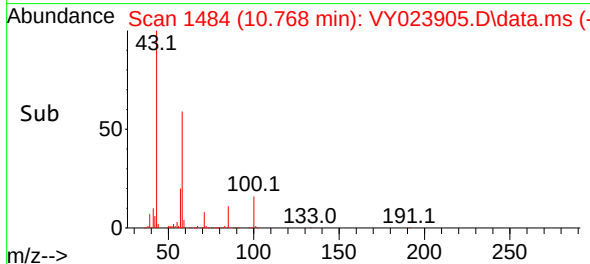
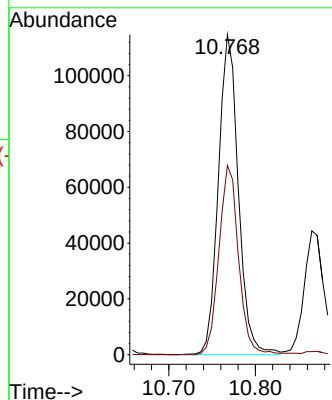
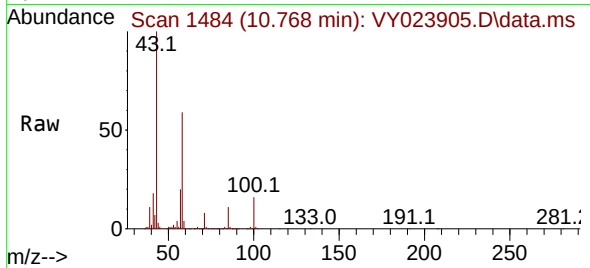




#59
2-Hexanone
Concen: 69.346 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

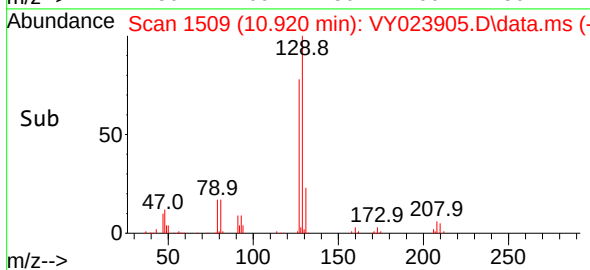
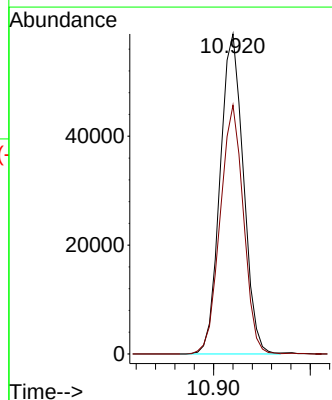
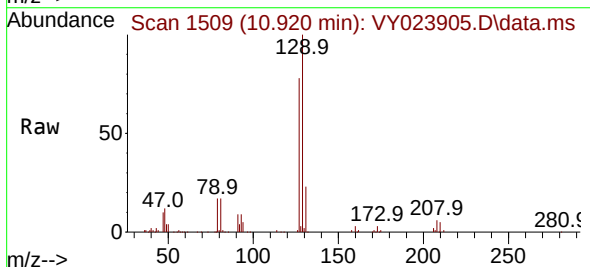
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

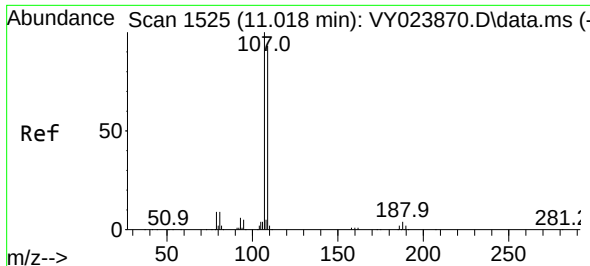
Tgt Ion: 43 Resp: 183826
Ion Ratio Lower Upper
43 100
58 58.3 27.7 83.1



#60
Dibromochloromethane
Concen: 18.128 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 129 Resp: 98364
Ion Ratio Lower Upper
129 100
127 77.5 38.0 114.0

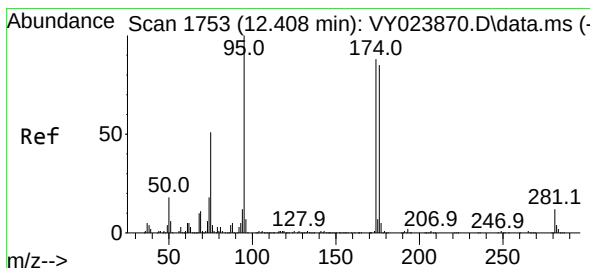
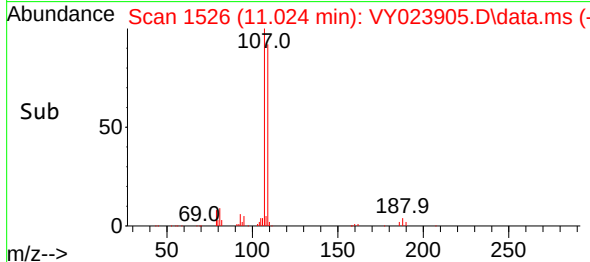
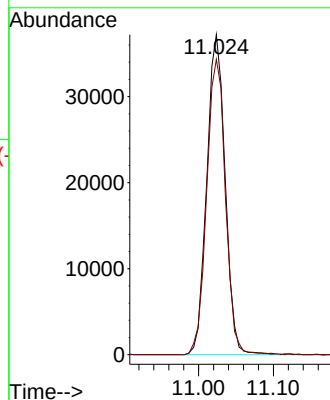
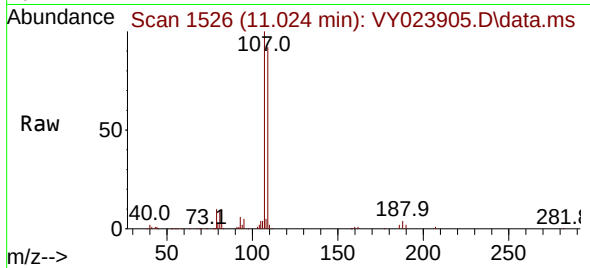




#61
1,2-Dibromoethane
Concen: 17.214 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

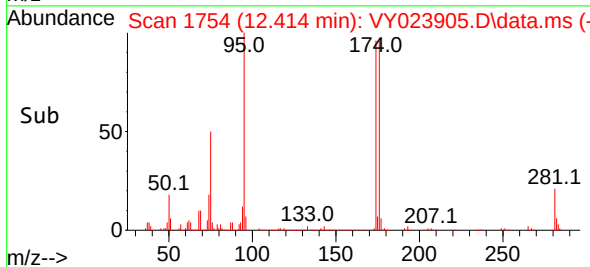
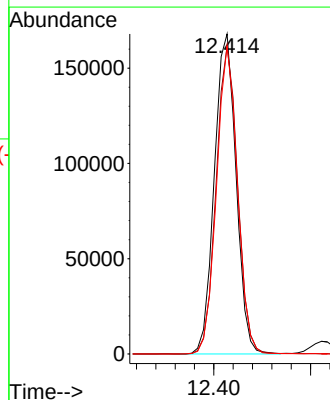
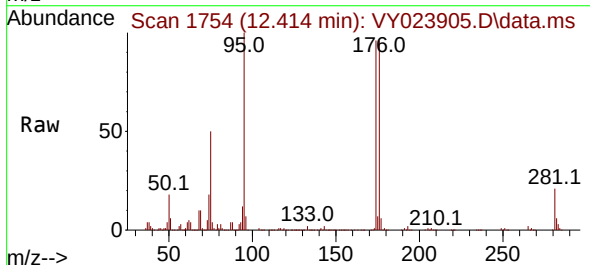
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

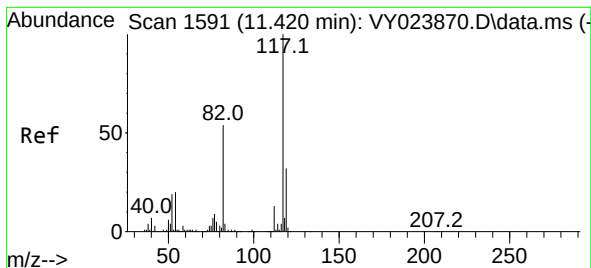
Tgt Ion:107 Resp: 63479
Ion Ratio Lower Upper
107 100
109 94.5 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 37.609 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 95 Resp: 261909
Ion Ratio Lower Upper
95 100
174 95.0 0.0 169.6
176 92.5 0.0 164.4

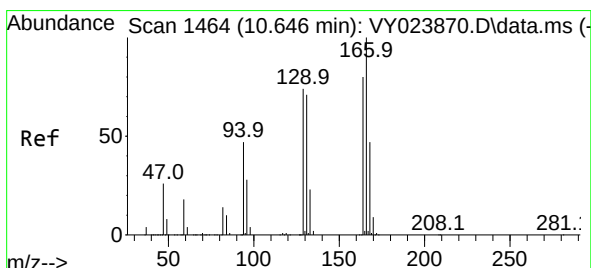
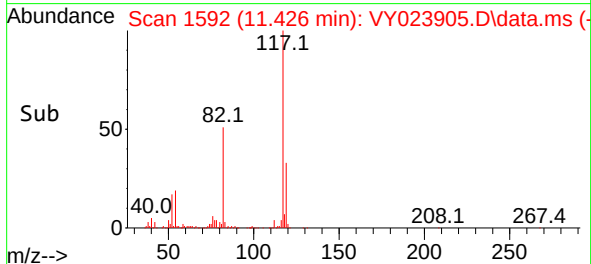
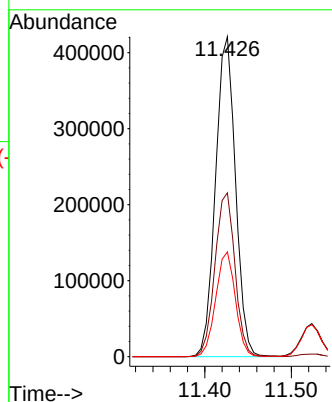
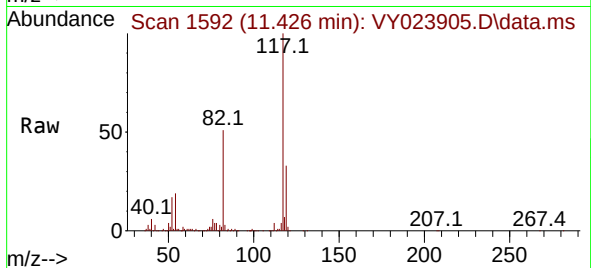




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

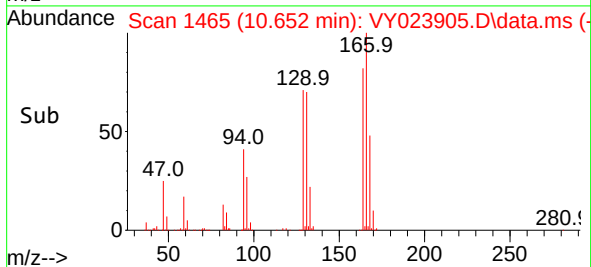
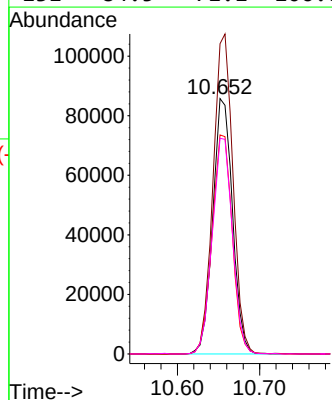
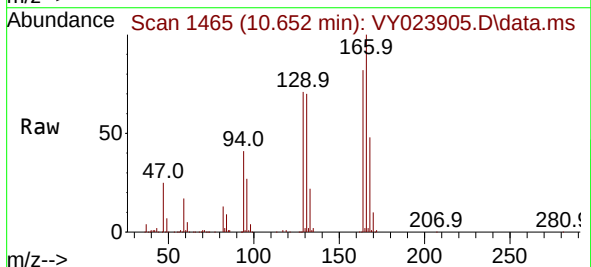
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

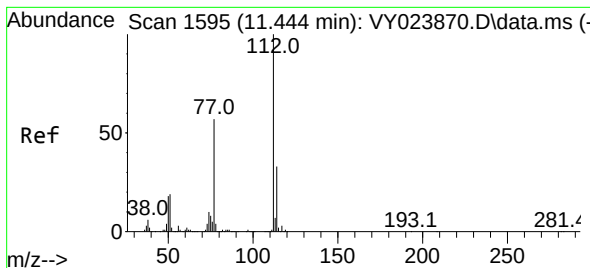
Tgt Ion:117 Resp: 674698
Ion Ratio Lower Upper
117 100
82 51.2 43.1 64.7
119 32.7 26.0 39.0



#64
Tetrachloroethene
Concen: 21.640 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion:164 Resp: 142880
Ion Ratio Lower Upper
164 100
166 121.5 100.2 150.4
129 85.8 74.4 111.6
131 84.5 71.1 106.7





#65

Chlorobenzene

Concen: 19.415 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

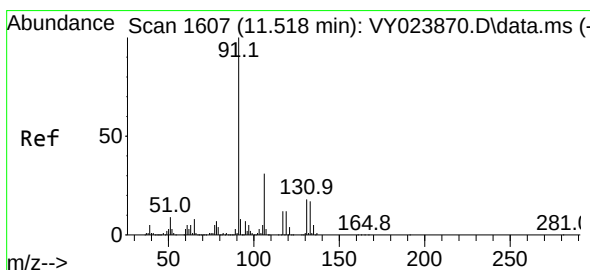
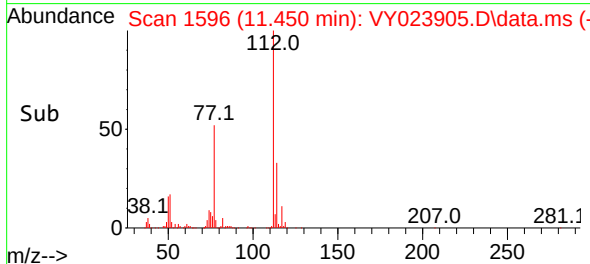
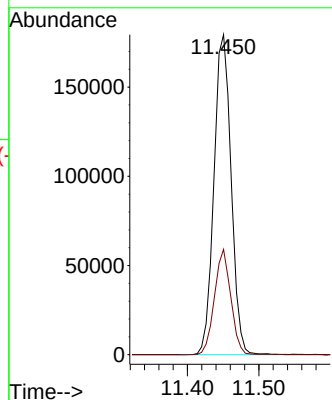
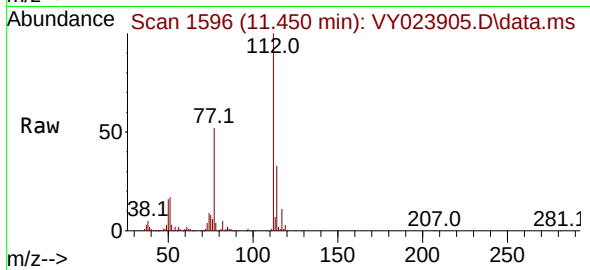
VY1209SBS03

Tgt Ion:112 Resp: 298987

Ion Ratio Lower Upper

112 100

114 32.9 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.690 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

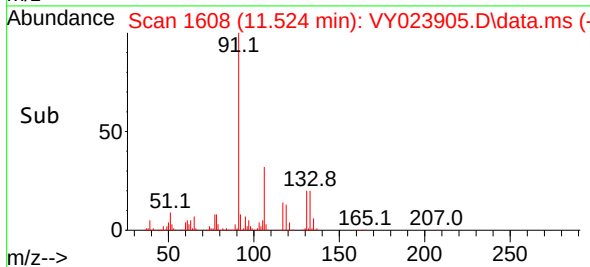
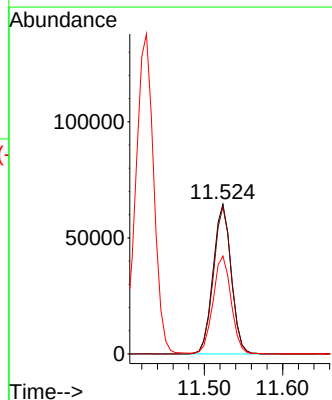
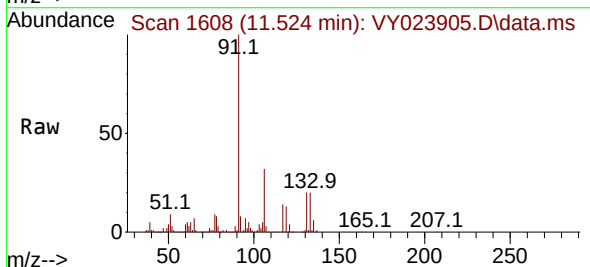
Tgt Ion:131 Resp: 103455

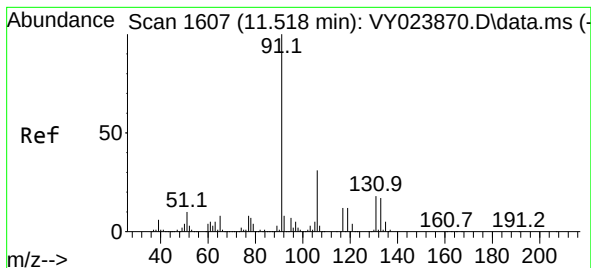
Ion Ratio Lower Upper

131 100

133 97.3 47.7 143.1

119 65.6 32.5 97.4





#67

Ethyl Benzene

Concen: 18.671 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

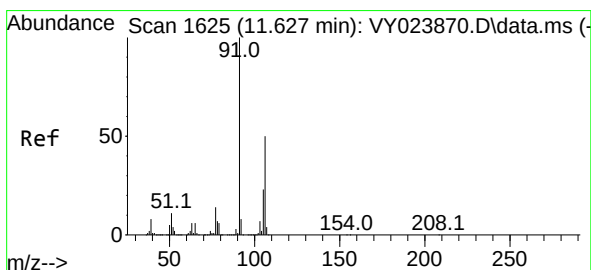
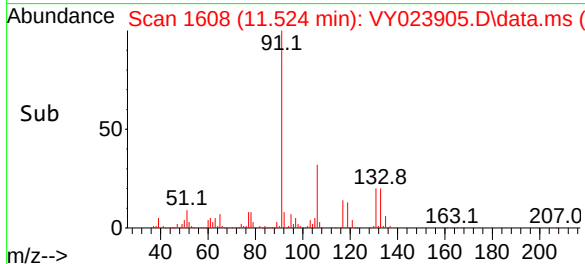
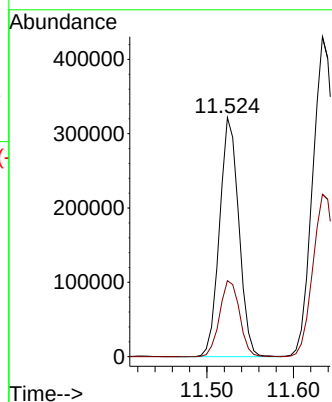
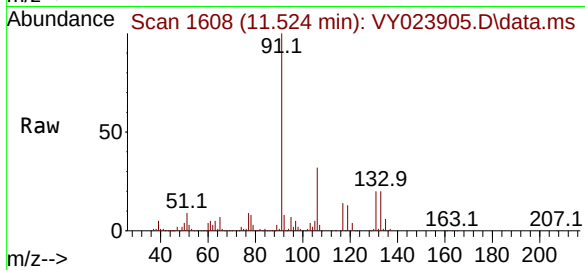
VY1209SBS03

Tgt Ion: 91 Resp: 497075

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6



#68

m/p-Xylenes

Concen: 38.961 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023905.D

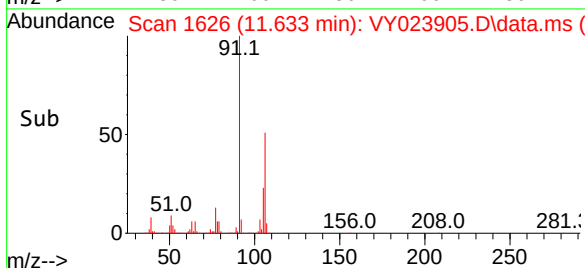
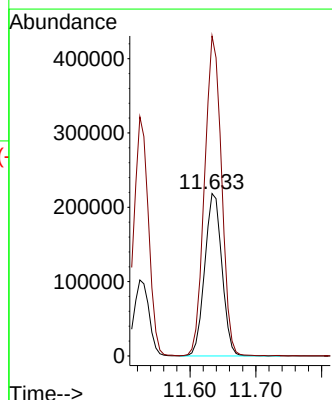
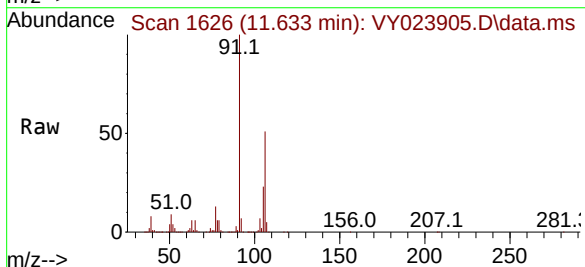
Acq: 09 Dec 2025 13:55

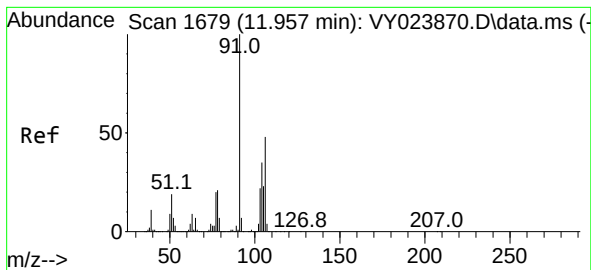
Tgt Ion:106 Resp: 396457

Ion Ratio Lower Upper

106 100

91 194.6 159.7 239.5

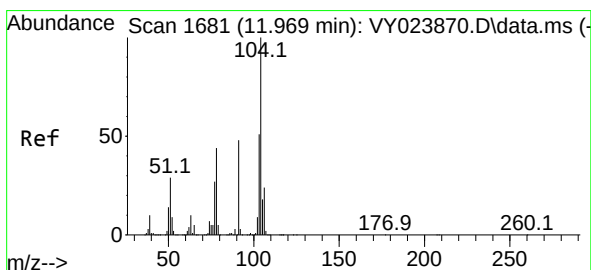
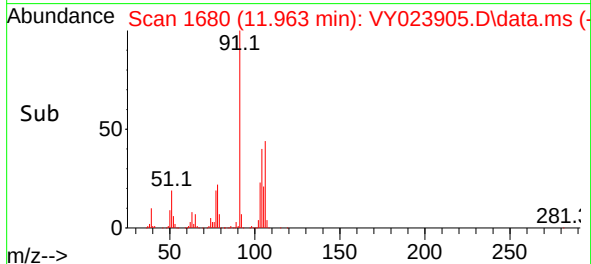
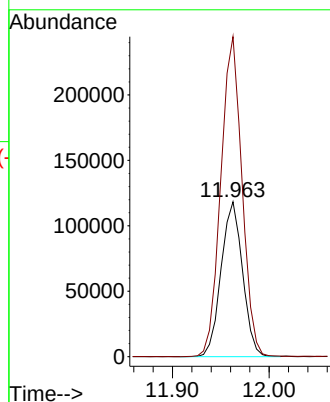
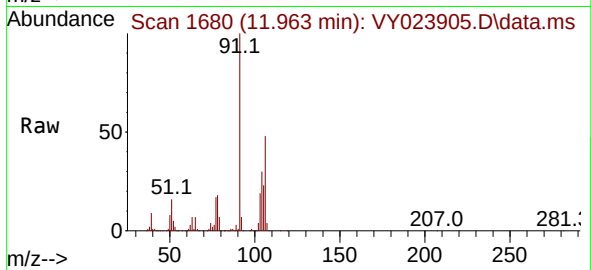




#69
o-Xylene
Concen: 19.122 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

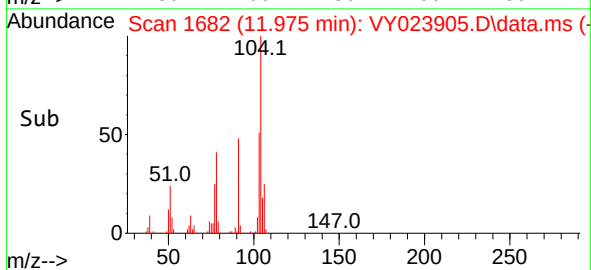
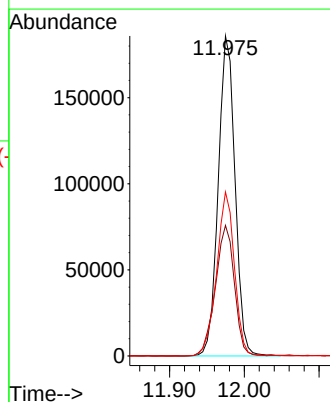
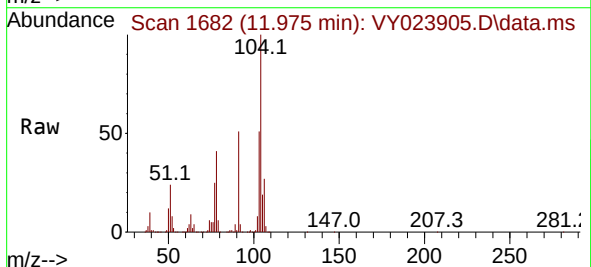
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

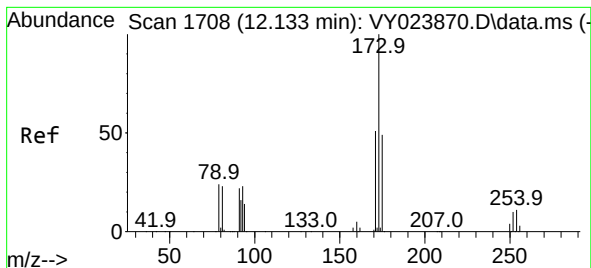
Tgt Ion:106 Resp: 181994
Ion Ratio Lower Upper
106 100
91 204.5 104.4 313.1



#70
Styrene
Concen: 18.512 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion:104 Resp: 290445
Ion Ratio Lower Upper
104 100
78 46.0 38.8 58.2
103 54.3 43.9 65.9





#71

Bromoform

Concen: 19.055 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD03

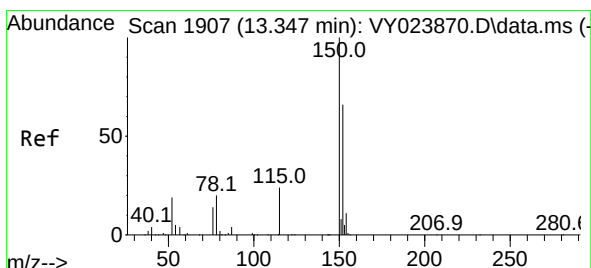
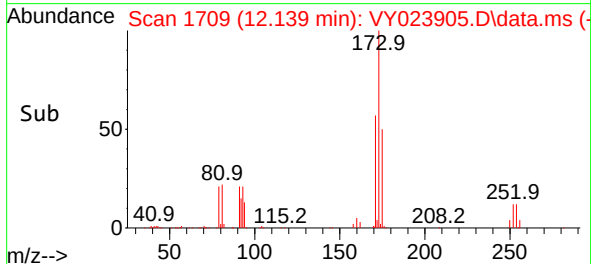
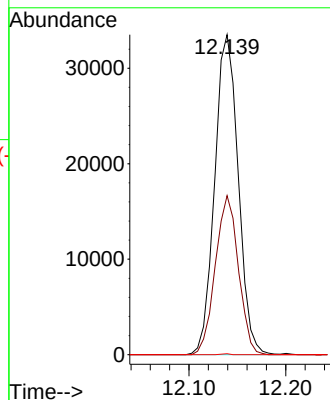
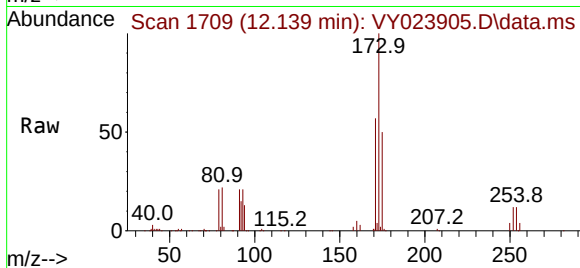
Tgt Ion:173 Resp: 56571

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.4

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

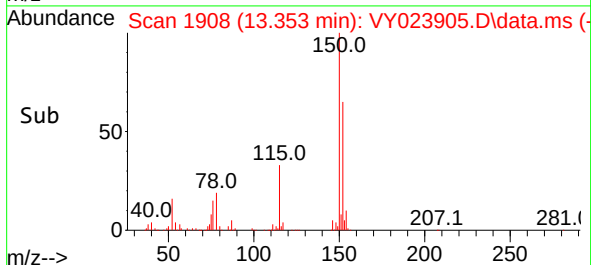
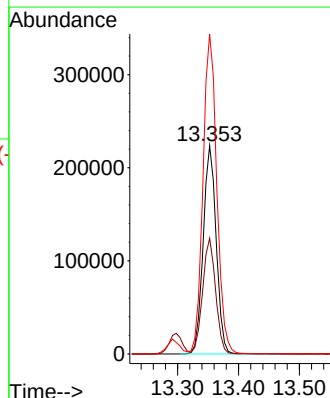
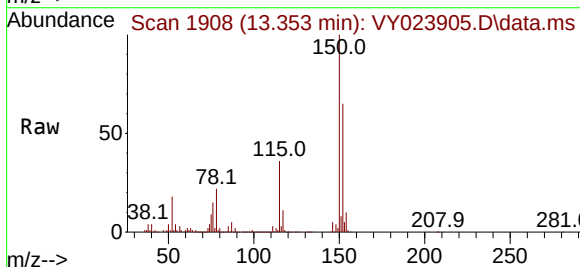
Tgt Ion:152 Resp: 332303

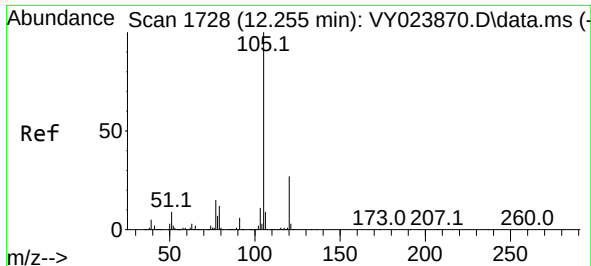
Ion Ratio Lower Upper

152 100

115 55.2 28.8 86.4

150 163.0 0.0 352.2

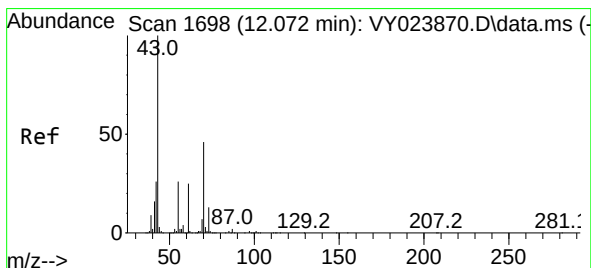
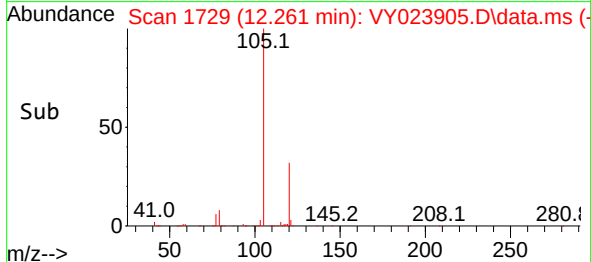
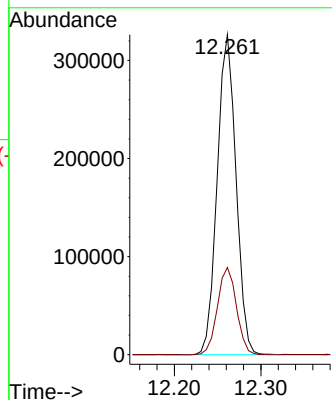
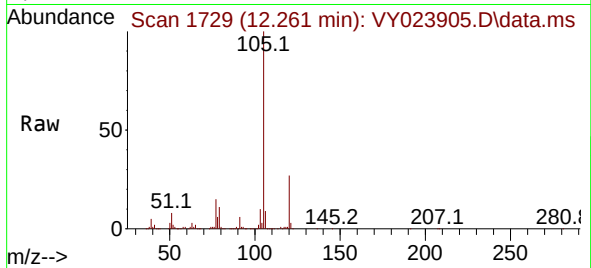




#73
Isopropylbenzene
Concen: 20.136 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

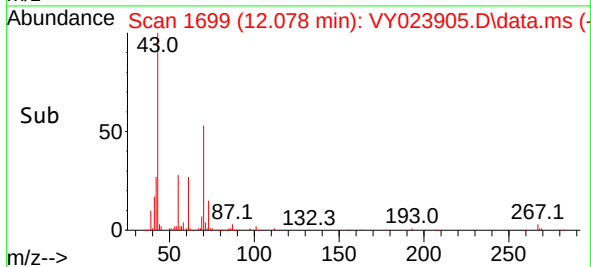
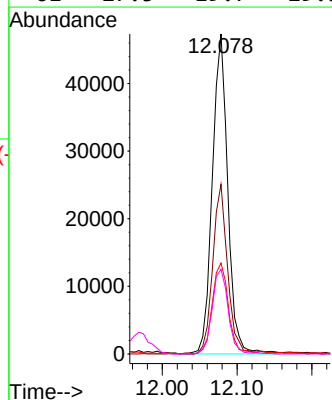
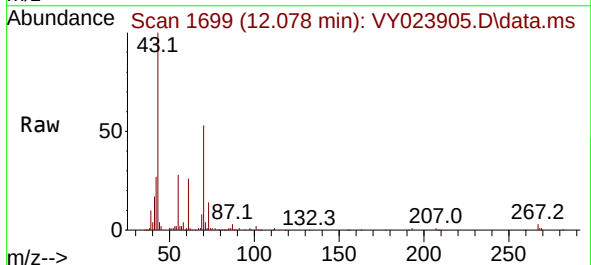
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

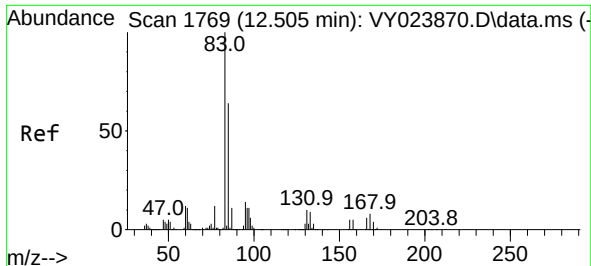
Tgt Ion:105 Resp: 493001
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#74
N-ethyl acetate
Concen: 12.832 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 43 Resp: 68089
Ion Ratio Lower Upper
43 100
70 50.9 35.5 53.3
55 29.9 21.1 31.7
61 27.5 19.7 29.5

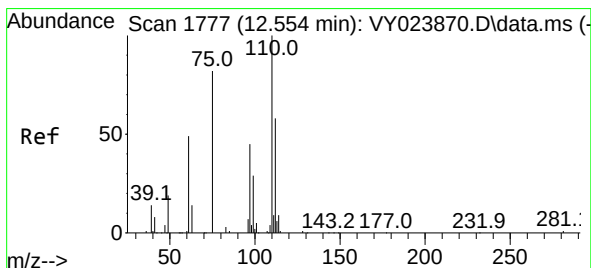
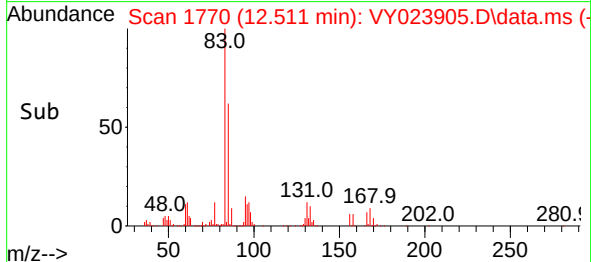
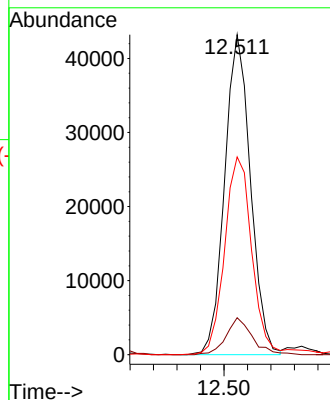
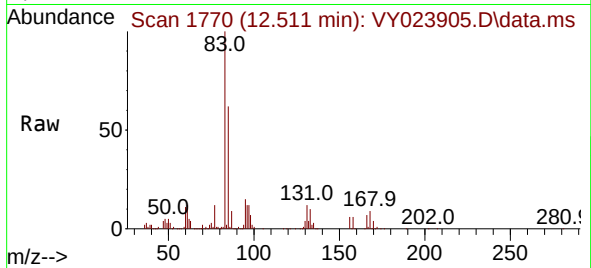




#75
1,1,2,2-Tetrachloroethane
Concen: 16.718 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

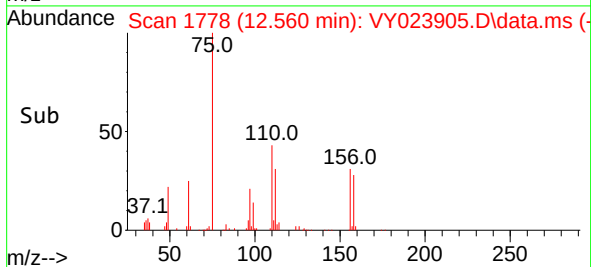
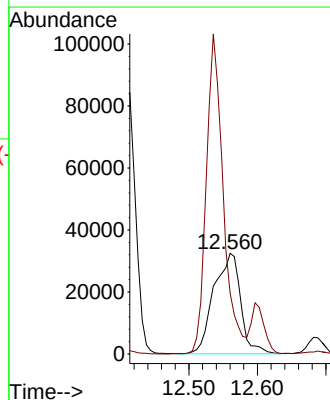
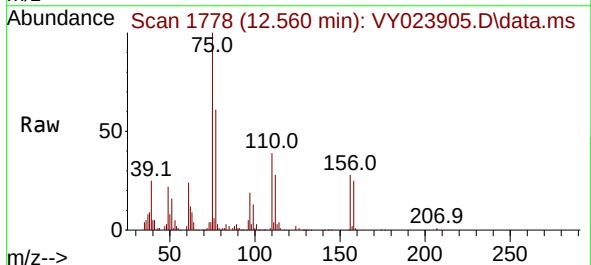
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

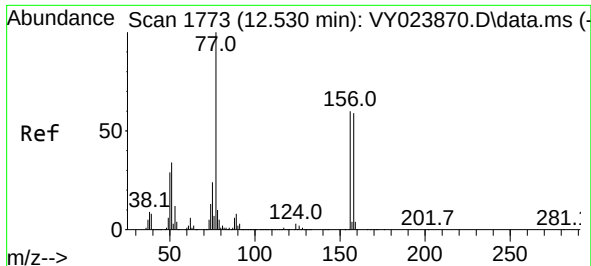
Tgt Ion: 83 Resp: 66038
Ion Ratio Lower Upper
83 100
131 11.7 5.3 15.9
85 66.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 26.661 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 75 Resp: 87831
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

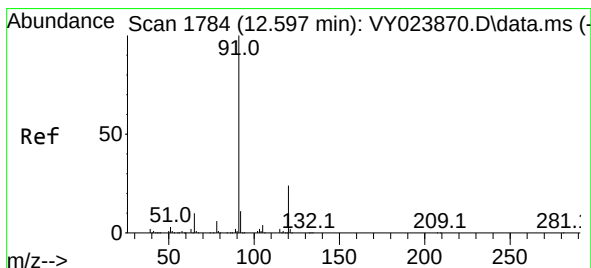
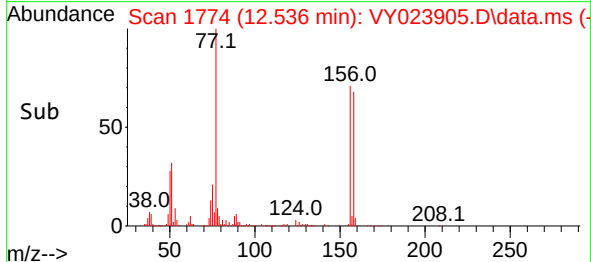
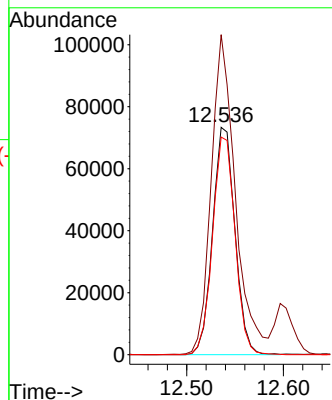
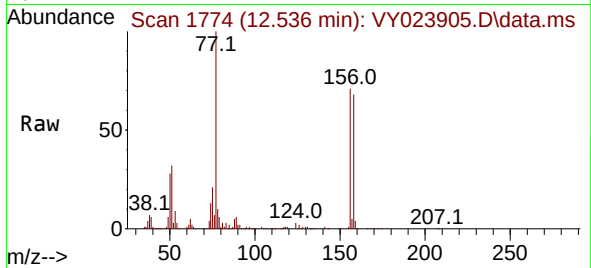




#77
Bromobenzene
Concen: 20.708 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

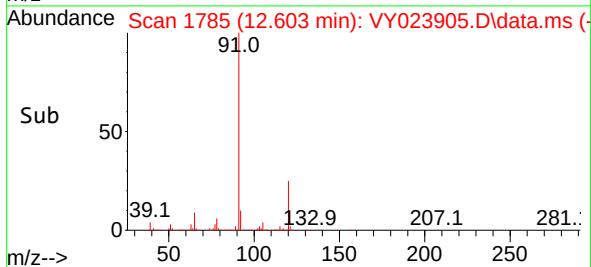
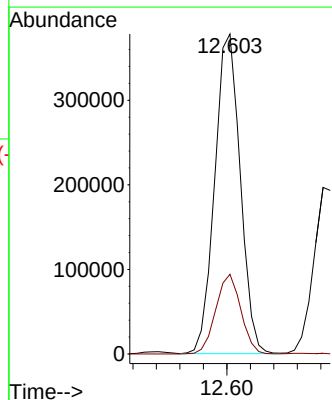
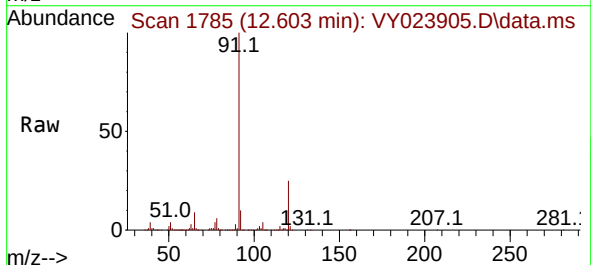
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

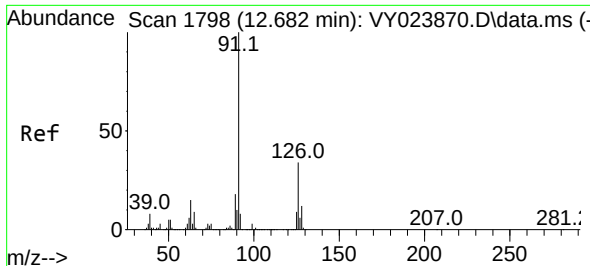
Tgt Ion:156 Resp: 117746
Ion Ratio Lower Upper
156 100
77 152.3 89.6 268.9
158 96.4 48.6 145.8



#78
n-propylbenzene
Concen: 19.292 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 91 Resp: 569942
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.5

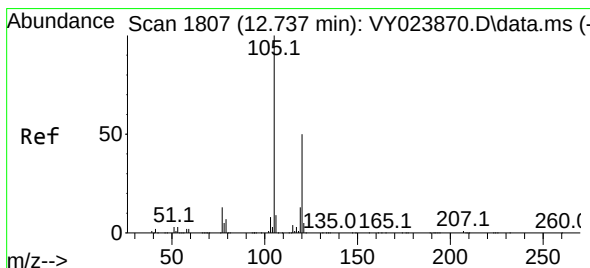
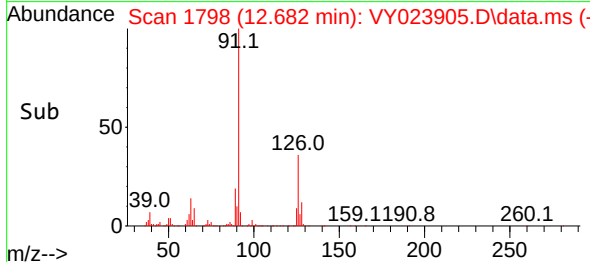
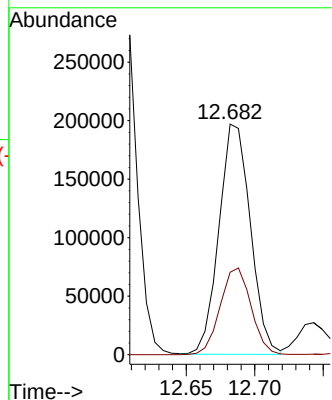
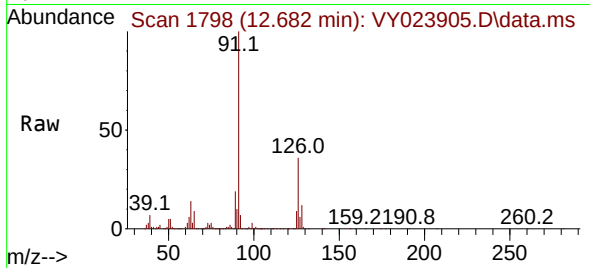




#79
2-Chlorotoluene
Concen: 18.708 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

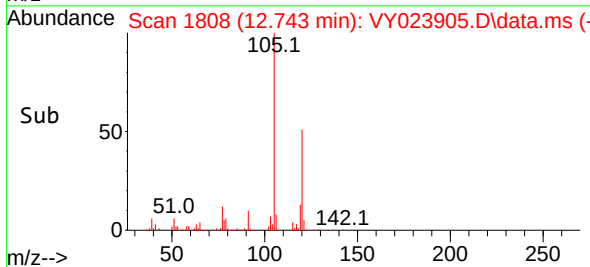
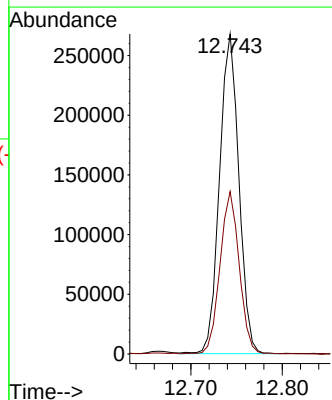
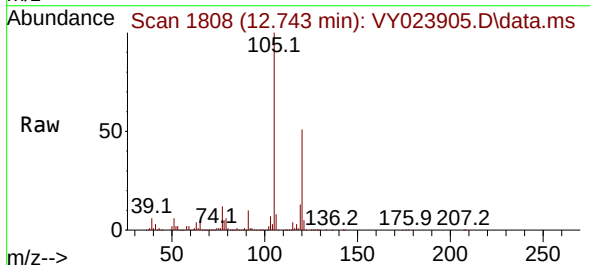
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS03

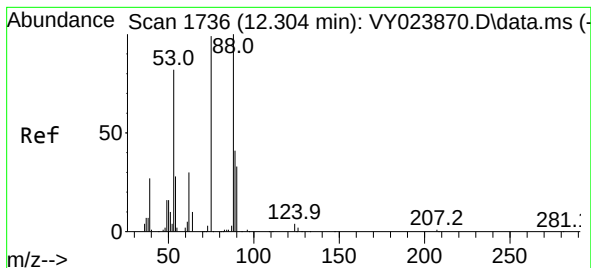
Tgt Ion: 91 Resp: 313900
Ion Ratio Lower Upper
91 100
126 37.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.811 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 105 Resp: 394116
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6

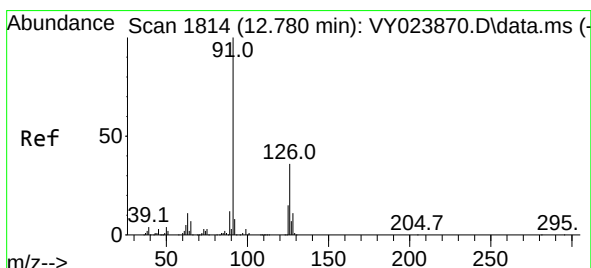
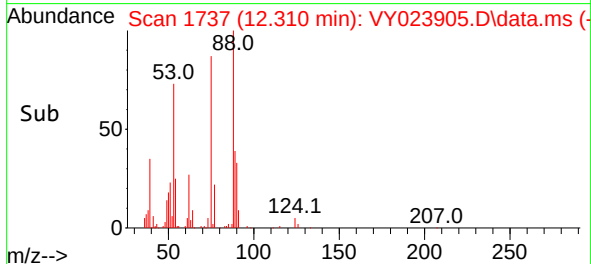
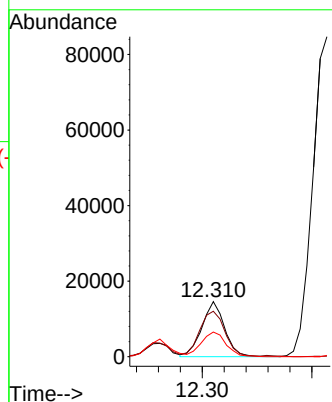
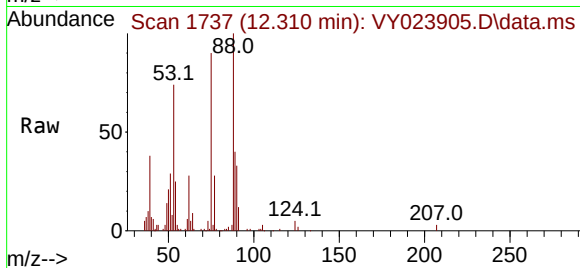




#81
trans-1,4-Dichloro-2-butene
Concen: 15.239 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

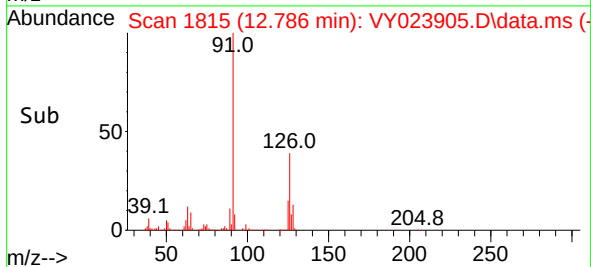
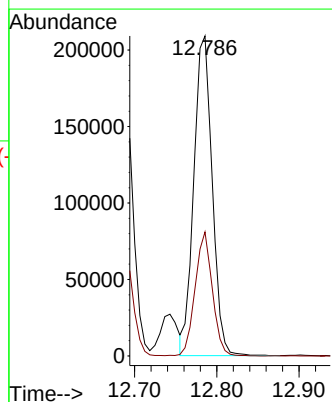
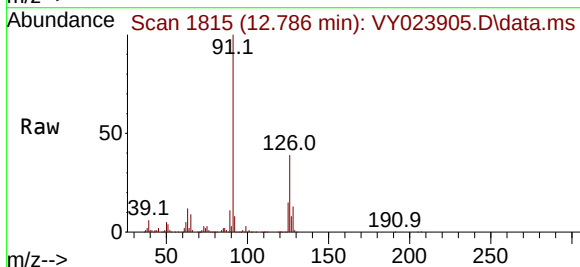
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

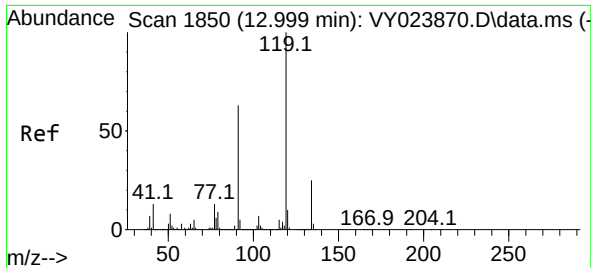
Tgt Ion: 75 Resp: 20961
Ion Ratio Lower Upper
75 100
53 91.4 71.1 106.7
89 48.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 18.643 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion: 91 Resp: 324297
Ion Ratio Lower Upper
91 100
126 36.5 17.1 51.2

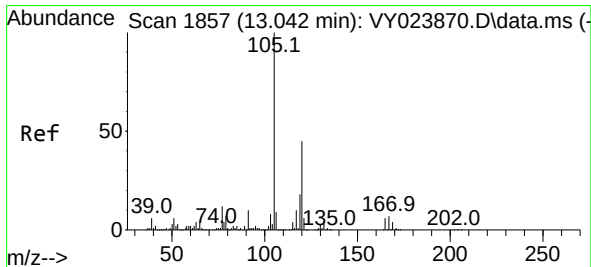
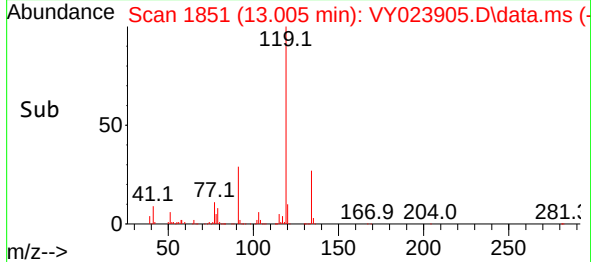
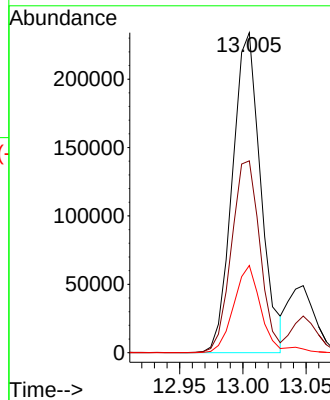
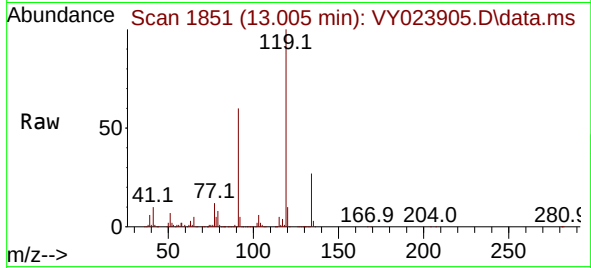




#83
 tert-Butylbenzene
 Concen: 20.369 ug/l
 RT: 13.005 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VY023905.D
 Acq: 09 Dec 2025 13:55

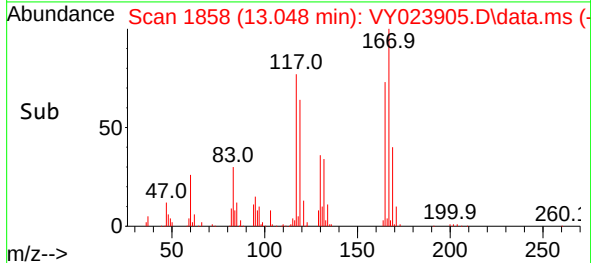
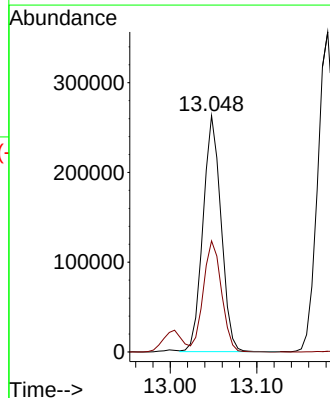
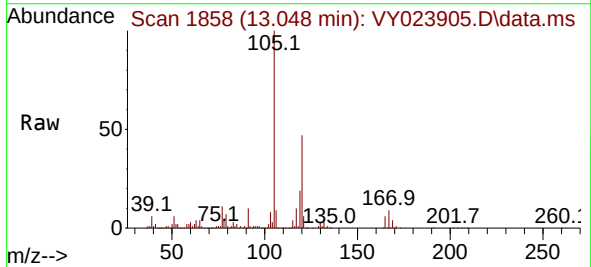
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBSD03

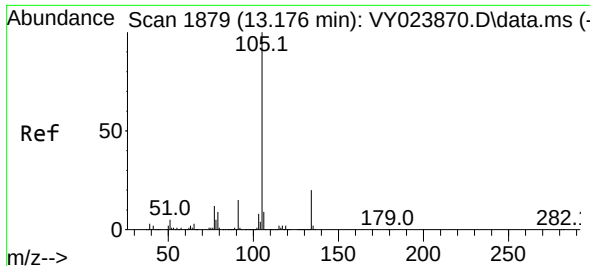
Tgt Ion:119 Resp: 365315
 Ion Ratio Lower Upper
 119 100
 91 60.2 31.8 95.3
 134 26.7 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.301 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: VY023905.D
 Acq: 09 Dec 2025 13:55

Tgt Ion:105 Resp: 380380
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.4 67.3

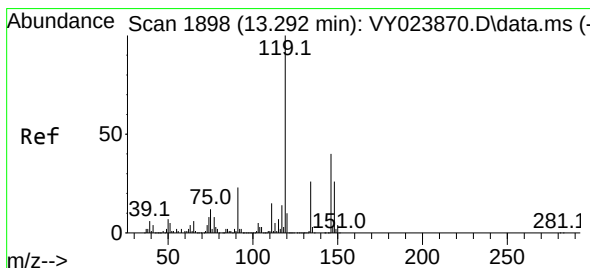
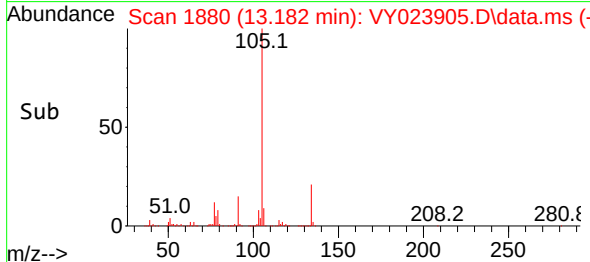
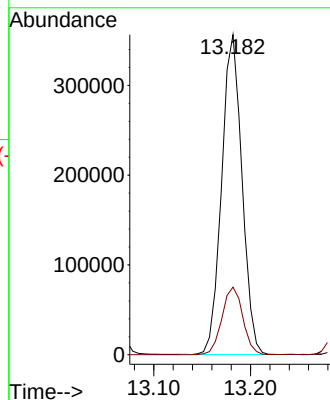
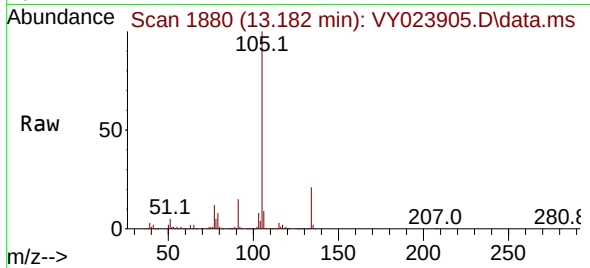




#85
 sec-Butylbenzene
 Concen: 19.457 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY023905.D
 Acq: 09 Dec 2025 13:55

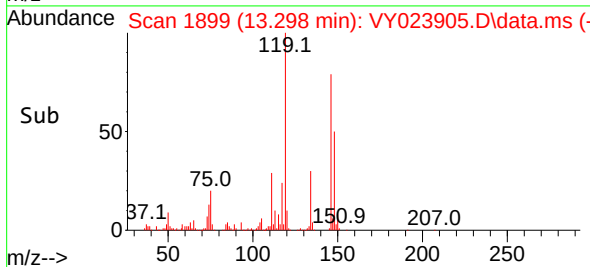
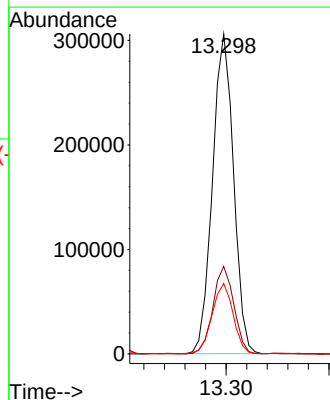
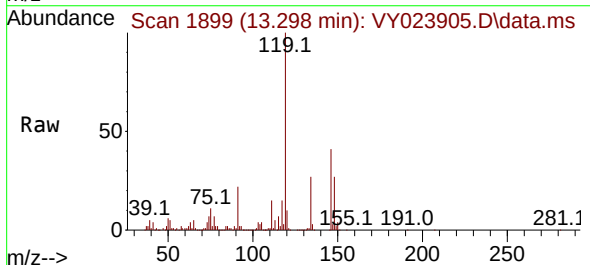
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBSD03

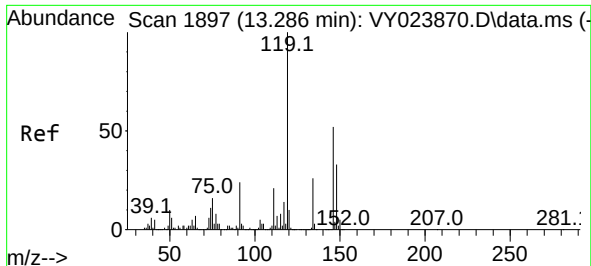
Tgt Ion:105 Resp: 519077
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.651 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023905.D
 Acq: 09 Dec 2025 13:55

Tgt Ion:119 Resp: 434082
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.1
 91 21.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.344 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD03

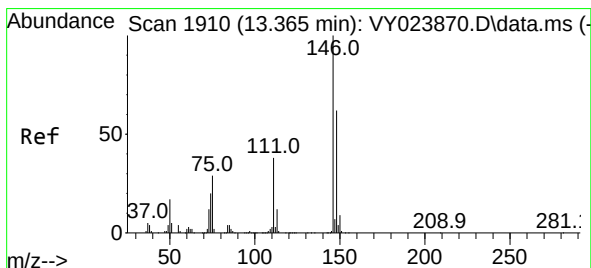
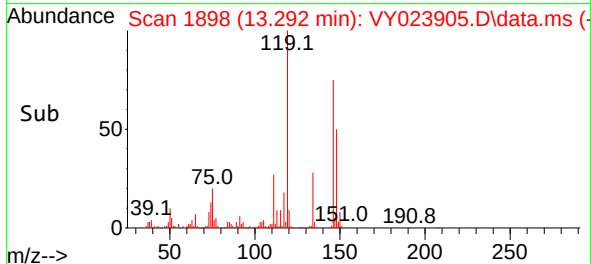
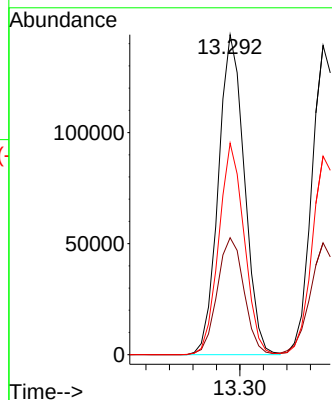
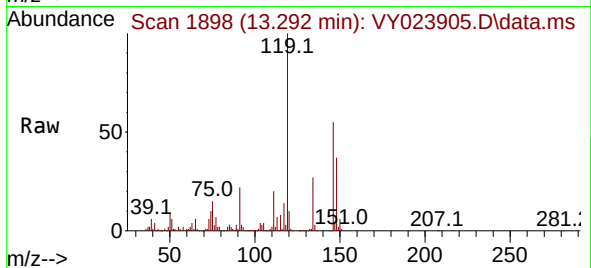
Tgt Ion:146 Resp: 221599

Ion Ratio Lower Upper

146 100

111 37.6 20.0 60.0

148 64.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.150 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

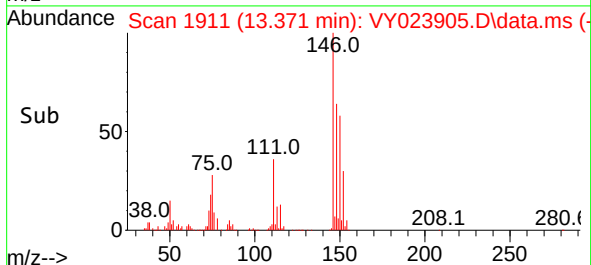
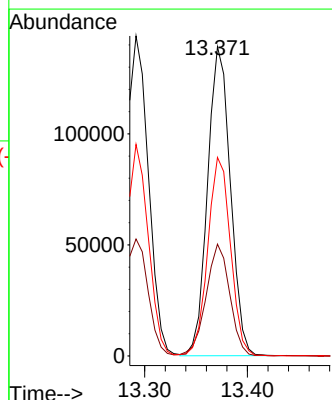
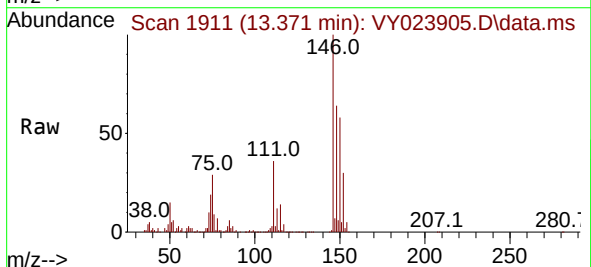
Tgt Ion:146 Resp: 215141

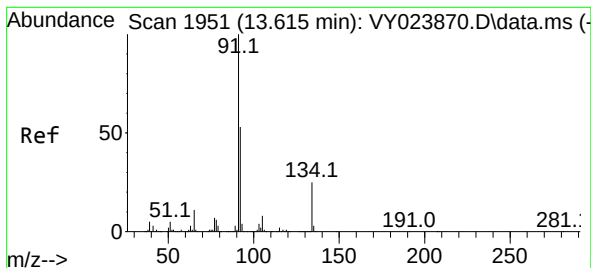
Ion Ratio Lower Upper

146 100

111 37.8 19.4 58.1

148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 17.847 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD03

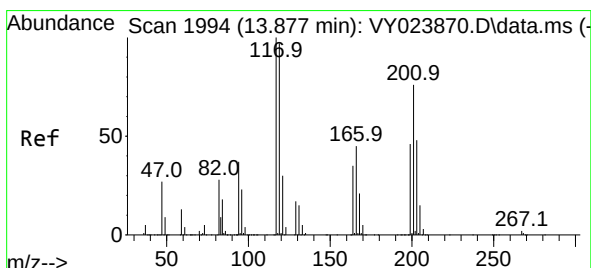
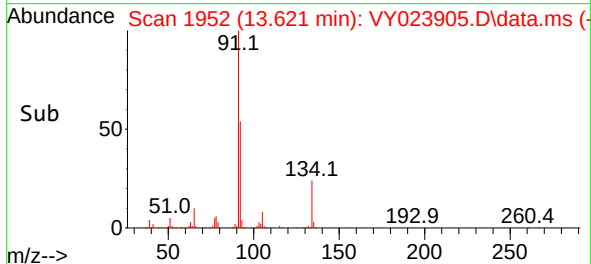
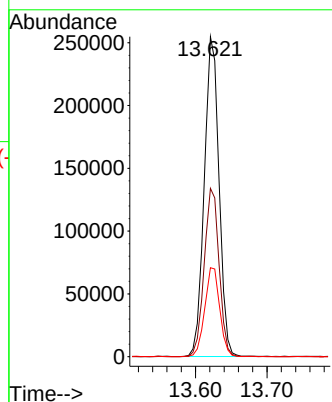
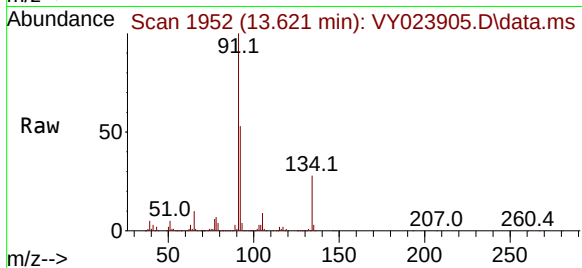
Tgt Ion: 91 Resp: 364873

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

134 28.4 13.0 39.0



#90

Hexachloroethane

Concen: 19.066 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY023905.D

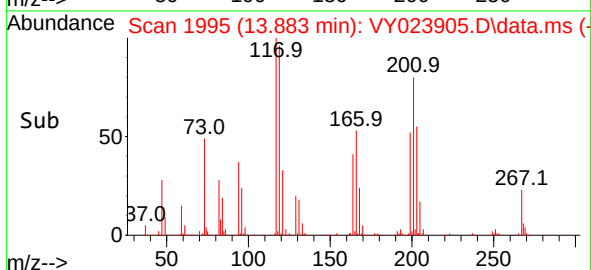
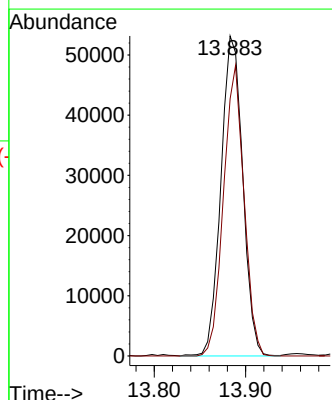
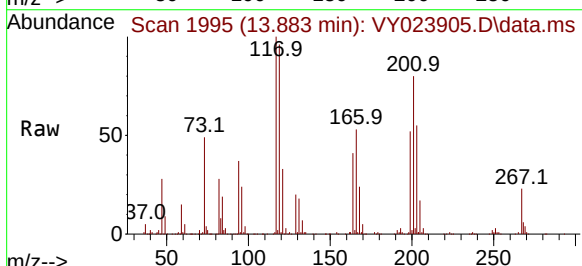
Acq: 09 Dec 2025 13:55

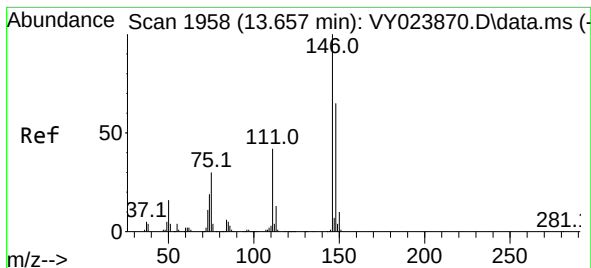
Tgt Ion: 117 Resp: 88352

Ion Ratio Lower Upper

117 100

201 85.1 39.1 117.2





#91

1,2-Dichlorobenzene

Concen: 18.799 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS03

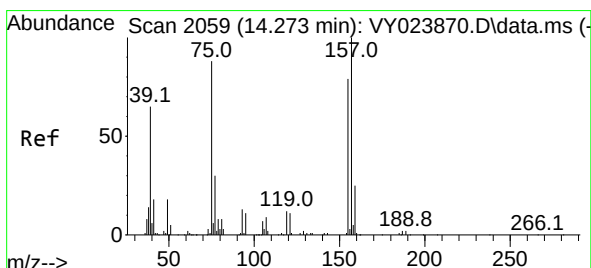
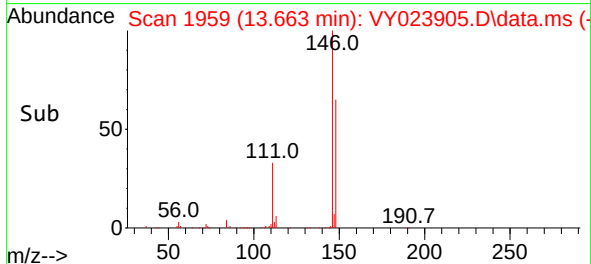
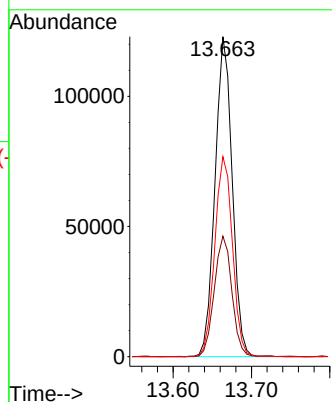
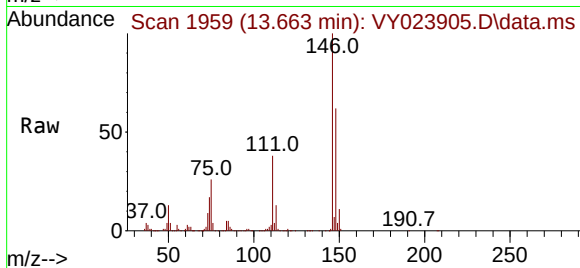
Tgt Ion:146 Resp: 187313

Ion Ratio Lower Upper

146 100

111 38.6 20.4 61.3

148 64.5 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.471 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023905.D

Acq: 09 Dec 2025 13:55

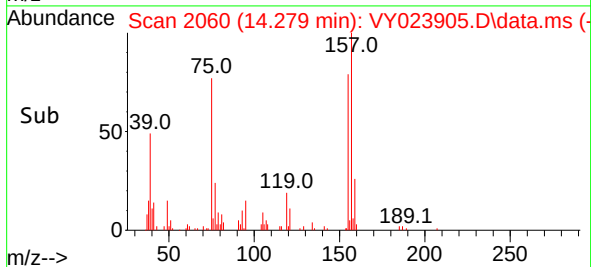
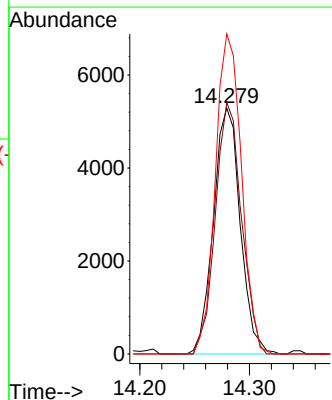
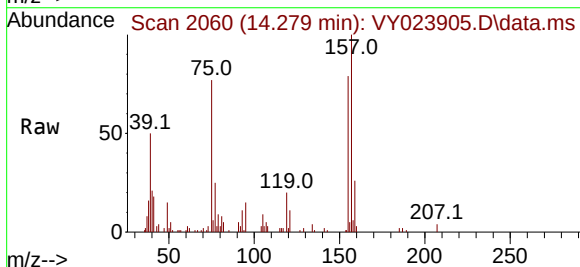
Tgt Ion: 75 Resp: 8988

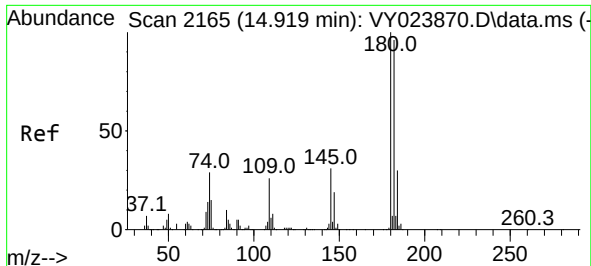
Ion Ratio Lower Upper

75 100

155 100.0 44.4 133.2

157 126.4 57.5 172.3

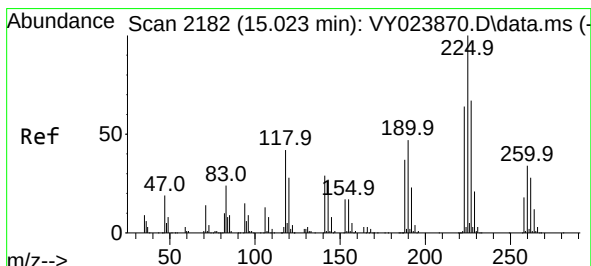
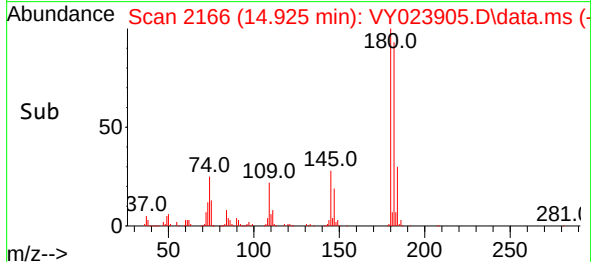
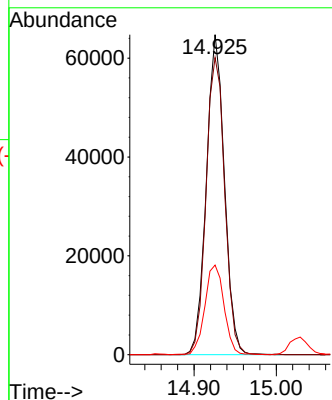
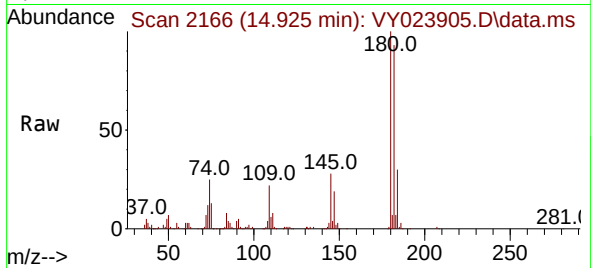




#93
1,2,4-Trichlorobenzene
Concen: 16.754 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

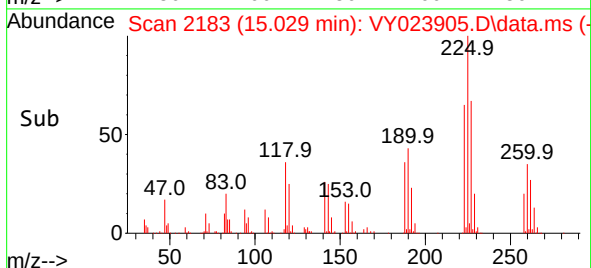
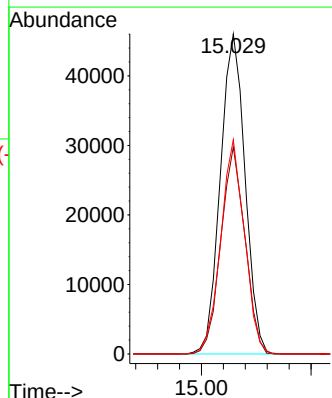
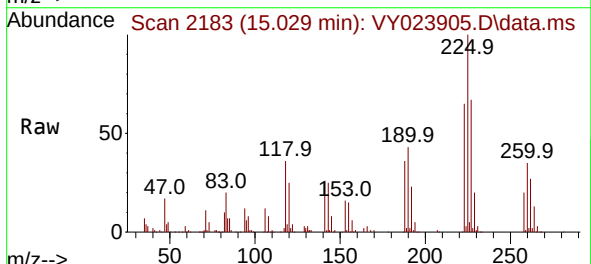
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

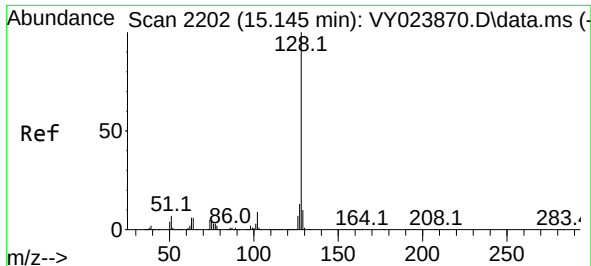
Tgt Ion:180 Resp: 98973
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.3
145 29.8 15.2 45.5



#94
Hexachlorobutadiene
Concen: 19.437 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion:225 Resp: 72041
Ion Ratio Lower Upper
225 100
223 63.0 31.6 95.0
227 64.4 32.6 97.8

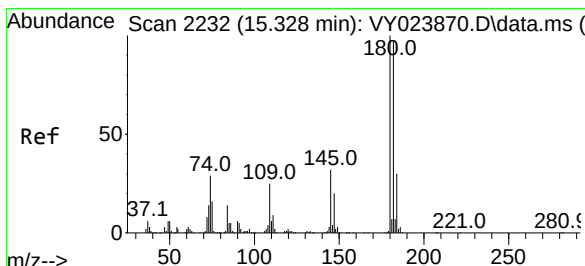
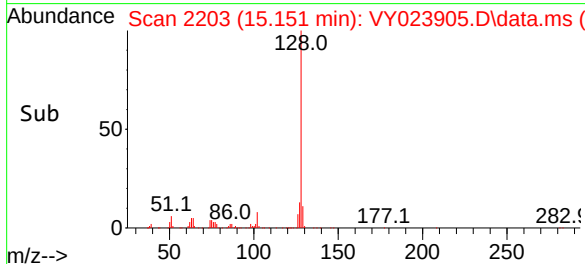
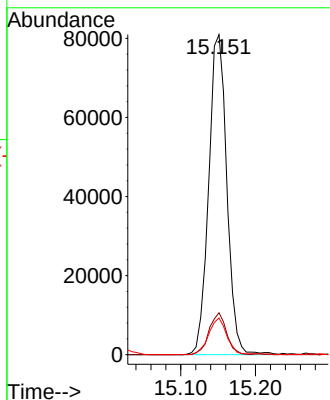
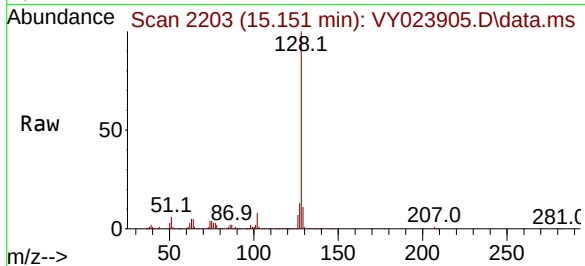




#95
Naphthalene
Concen: 14.061 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD03

Tgt Ion:128 Resp: 136890
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.025 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY023905.D
Acq: 09 Dec 2025 13:55

Tgt Ion:180 Resp: 80783
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.8
145 32.2 15.7 47.1

